

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004241.D
 Acq On : 27 Dec 2018 15:21
 Operator : JU/SJ
 Sample : J6441-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.811	476	480	486	rVB4	12875	21999	1.43%	0.118%
2	6.346	567	571	576	rVB	17191	23697	1.54%	0.127%
3	6.434	582	586	594	rVB5	18853	41452	2.70%	0.222%
4	6.781	641	645	650	rVB2	22880	34466	2.24%	0.184%
5	6.834	650	654	658	rVB	16621	23166	1.51%	0.124%
6	6.946	667	673	676	rBV3	30914	53097	3.46%	0.284%
7	6.987	676	680	691	rVB2	94220	175541	11.43%	0.938%
8	7.158	704	709	713	rBV	74480	114855	7.48%	0.614%
9	7.199	713	716	721	rVB	16563	23098	1.50%	0.123%
10	7.352	734	742	747	rVV	111799	174756	11.38%	0.934%
11	7.410	747	752	756	rVV	36090	51605	3.36%	0.276%
12	7.458	756	760	766	rVB2	15016	22320	1.45%	0.119%
13	7.758	807	811	816	rVB	36008	52671	3.43%	0.282%
14	7.822	816	822	833	rVB	136210	232504	15.14%	1.243%
15	7.922	833	839	844	rBV2	24914	43400	2.83%	0.232%
16	8.075	862	865	872	rVB3	18468	27501	1.79%	0.147%
17	8.310	897	905	909	rBV3	18612	41754	2.72%	0.223%
18	8.363	909	914	921	rVB2	14485	31868	2.07%	0.170%
19	8.440	922	927	933	rBV2	31660	53232	3.47%	0.285%
20	8.528	936	942	951	rVB	120951	215049	14.00%	1.150%
21	8.634	957	960	974	rVB7	13651	36669	2.39%	0.196%
22	8.905	994	1006	1012	rBV3	35380	70809	4.61%	0.379%
23	8.993	1014	1021	1028	rBV2	125165	249592	16.25%	1.334%
24	9.428	1089	1095	1100	rBV2	17143	24917	1.62%	0.133%
25	9.704	1130	1142	1149	rBV	89249	156596	10.19%	0.837%
26	10.004	1189	1193	1199	rVB2	17941	26503	1.73%	0.142%
27	10.240	1227	1233	1240	rBV	120406	201583	13.12%	1.078%
28	10.616	1290	1297	1301	rVV	206018	344602	22.43%	1.842%
29	10.663	1301	1305	1312	rVV	122862	200783	13.07%	1.073%
30	10.763	1312	1322	1335	rVB	112041	207823	13.53%	1.111%
31	11.351	1416	1422	1428	rBV	34592	56801	3.70%	0.304%
32	11.598	1453	1464	1476	rBV	66738	131711	8.57%	0.704%
33	12.522	1612	1621	1627	rBV2	16744	32680	2.13%	0.175%
34	12.598	1627	1634	1637	rBV	50556	93653	6.10%	0.501%

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35	12.651	1637	1643	1648	rVB	125588	212709	13.85%	1.137%
36	12.828	1664	1673	1678	rBV3	21187	39554	2.57%	0.211%
37	12.898	1678	1685	1690	rVV	136365	225717	14.69%	1.207%
38	12.951	1690	1694	1700	rVB	27998	40988	2.67%	0.219%
39	13.245	1737	1744	1756	rBV4	30923	71291	4.64%	0.381%
40	13.775	1829	1834	1838	rBV2	13787	23601	1.54%	0.126%
41	13.863	1844	1849	1853	rVV	267767	377710	24.59%	2.019%
42	13.904	1853	1856	1861	rVV2	88964	128413	8.36%	0.687%
43	13.945	1861	1863	1871	rVB5	11481	21618	1.41%	0.116%
44	14.157	1893	1899	1912	rVB	287474	445056	28.97%	2.379%
45	14.263	1912	1917	1923	rVB4	15374	25845	1.68%	0.138%
46	14.322	1923	1927	1935	rBV	31104	46982	3.06%	0.251%
47	14.457	1944	1950	1957	rVV2	315852	497589	32.39%	2.660%
48	14.934	2024	2031	2040	rVB7	14583	34284	2.23%	0.183%
49	15.269	2085	2088	2093	rVB2	19785	27634	1.80%	0.148%
50	15.451	2114	2119	2126	rVV	424431	622461	40.52%	3.328%
51	15.504	2126	2128	2133	rVB2	19944	26314	1.71%	0.141%
52	15.669	2151	2156	2160	rBV3	27699	44420	2.89%	0.237%
53	15.716	2160	2164	2170	rVB	136171	169810	11.05%	0.908%
54	16.157	2232	2239	2250	rVB5	54614	141192	9.19%	0.755%
55	16.275	2255	2259	2264	rBV3	18904	33778	2.20%	0.181%
56	16.339	2266	2270	2275	rVV4	15752	29965	1.95%	0.160%
57	16.392	2275	2279	2283	rVV4	16418	23801	1.55%	0.127%
58	16.486	2291	2295	2298	rBV3	14408	21557	1.40%	0.115%
59	16.928	2366	2370	2373	rBV2	18602	22329	1.45%	0.119%
60	16.975	2374	2378	2382	rVB	25467	36555	2.38%	0.195%
61	17.210	2412	2418	2422	rBV2	445694	670940	43.68%	3.587%
62	17.245	2422	2424	2429	rVB	87590	109011	7.10%	0.583%
63	17.304	2429	2434	2443	rBV2	492480	706185	45.97%	3.775%
64	17.581	2478	2481	2485	rBV3	14681	22730	1.48%	0.122%
65	17.663	2492	2495	2500	rVB	24754	32962	2.15%	0.176%
66	18.080	2562	2566	2569	rBV2	23698	37251	2.43%	0.199%
67	18.275	2594	2599	2603	rBV5	32019	70986	4.62%	0.379%
68	18.357	2611	2613	2619	rVB2	16230	24086	1.57%	0.129%
69	18.475	2629	2633	2639	rBV2	39602	58181	3.79%	0.311%
70	18.633	2656	2660	2667	rVB	63260	92756	6.04%	0.496%
71	18.810	2686	2690	2696	rVB5	45537	72201	4.70%	0.386%

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72	18.945	2710	2713	2717	rVB2	46755	61570	4.01%	0.329%
73	18.992	2718	2721	2726	rBV3	49833	61663	4.01%	0.330%
74	19.263	2763	2767	2770	rBV	151688	203777	13.27%	1.089%
75	19.310	2770	2775	2782	rVB	1239773	1536119	100.00%	8.212%
76	19.575	2817	2820	2821	rBV	49414	56238	3.66%	0.301%
77	19.604	2821	2825	2829	rBV	554128	804284	52.36%	4.300%
78	20.110	2907	2911	2917	rBV2	121502	175887	11.45%	0.940%
79	20.604	2992	2995	2999	rVB	138629	139277	9.07%	0.745%
80	20.769	3019	3023	3028	rBV	285254	391369	25.48%	2.092%
81	21.074	3071	3075	3080	rVB	208305	259315	16.88%	1.386%
82	21.280	3106	3110	3115	rVB	230762	275372	17.93%	1.472%
83	21.398	3124	3130	3134	rBV	653087	931122	60.62%	4.978%
84	21.510	3145	3149	3153	rVB	287076	330414	21.51%	1.766%
85	21.610	3163	3166	3169	rBV	79629	108903	7.09%	0.582%
86	21.951	3220	3224	3229	rVB	296612	364923	23.76%	1.951%
87	22.421	3300	3304	3311	rBV	259371	387856	25.25%	2.074%
88	22.945	3388	3393	3397	rBV	305109	425545	27.70%	2.275%
89	23.339	3456	3460	3464	rVB	119481	172553	11.23%	0.922%
90	23.521	3486	3491	3495	rBV2	276908	452714	29.47%	2.420%
91	23.574	3495	3500	3505	rVB	346252	601313	39.14%	3.215%
92	23.721	3519	3525	3532	rVB	396780	776154	50.53%	4.149%
93	23.892	3551	3554	3562	rBV7	48829	103610	6.74%	0.554%
94	24.186	3599	3604	3617	rVB	232185	461723	30.06%	2.468%
95	24.339	3628	3630	3631	rBV2	30446	29509	1.92%	0.158%
96	24.957	3729	3735	3741	rVB	118019	254430	16.56%	1.360%
97	25.451	3813	3819	3829	rBV	85912	264982	17.25%	1.417%
98	25.851	3880	3887	3902	rVB	102273	305856	19.91%	1.635%
99	26.904	4064	4066	4077	rVB	73448	142810	9.30%	0.763%
100	27.168	4106	4111	4112	rBV4	23643	44775	2.91%	0.239%

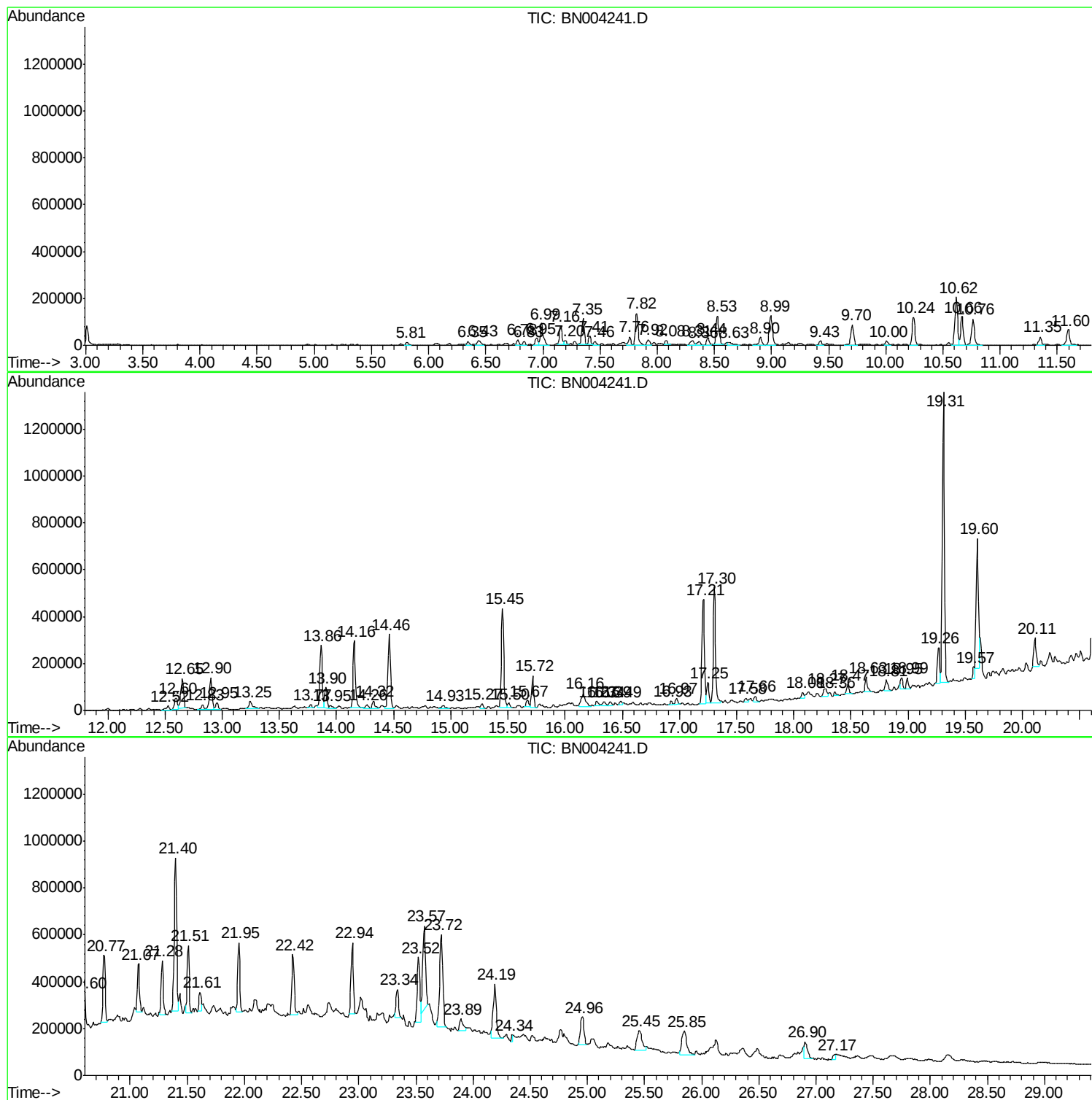
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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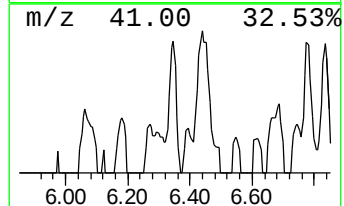
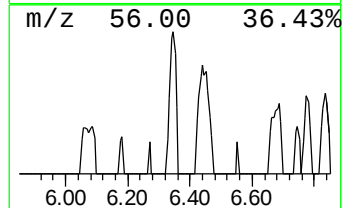
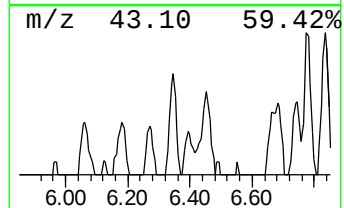
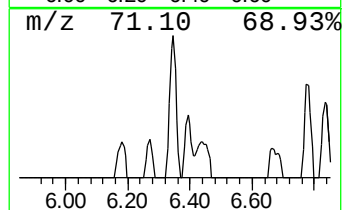
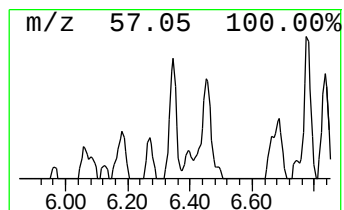
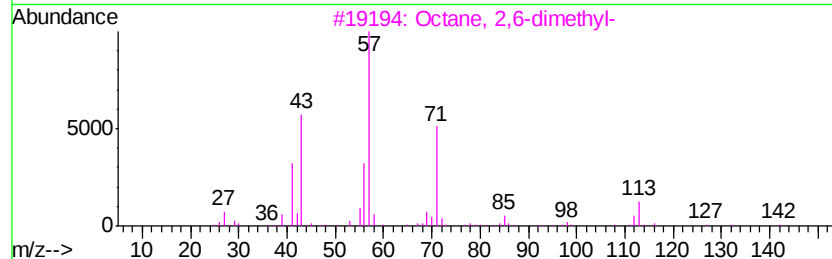
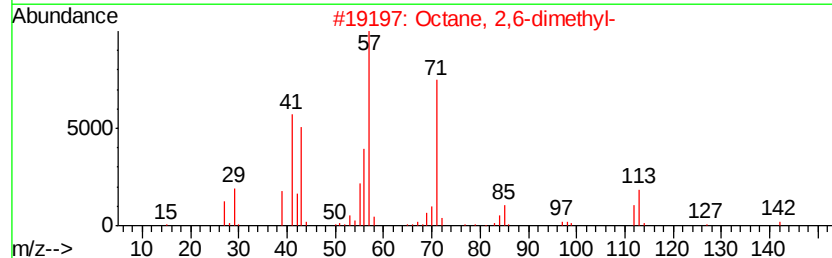
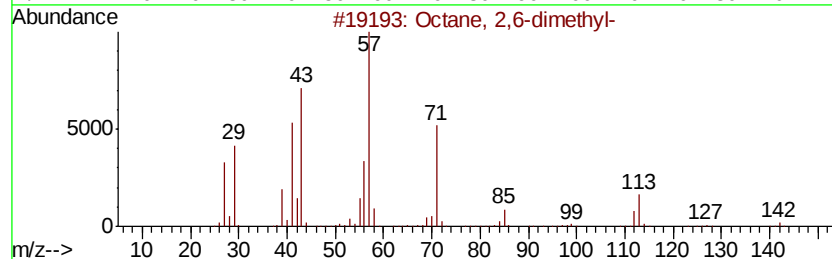
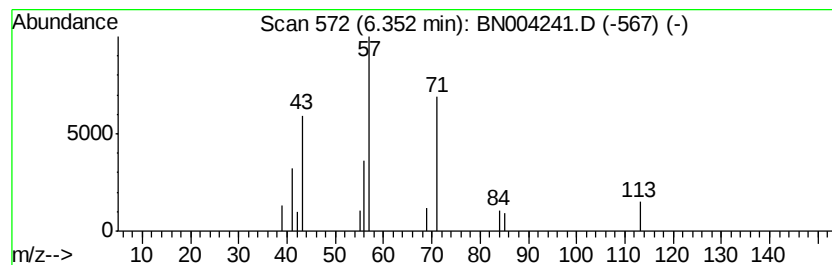
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	2.04 ng/ul	23697	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4			Nonane, 3-methyl-	142	C10H22	005911-04-6	72
5			Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72



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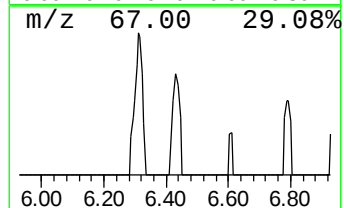
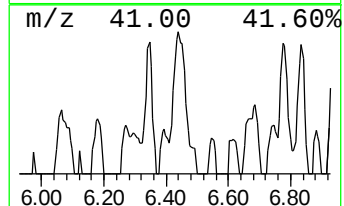
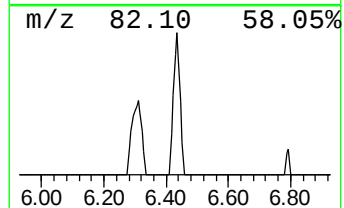
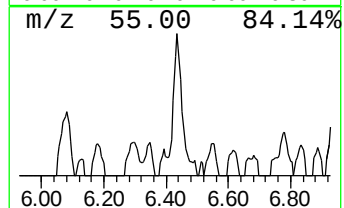
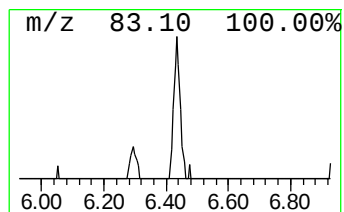
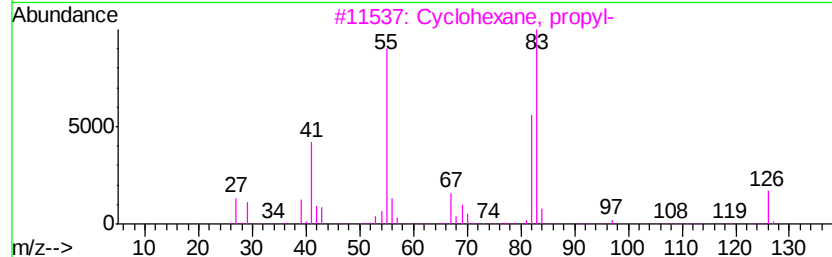
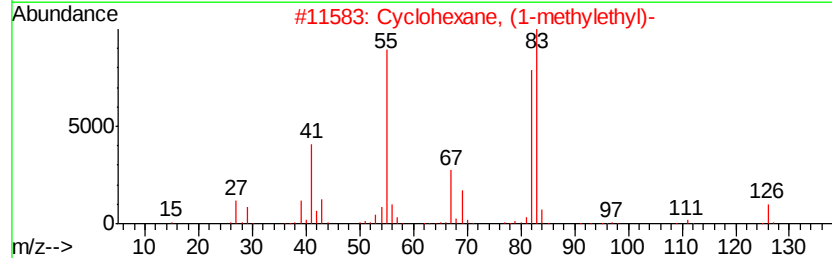
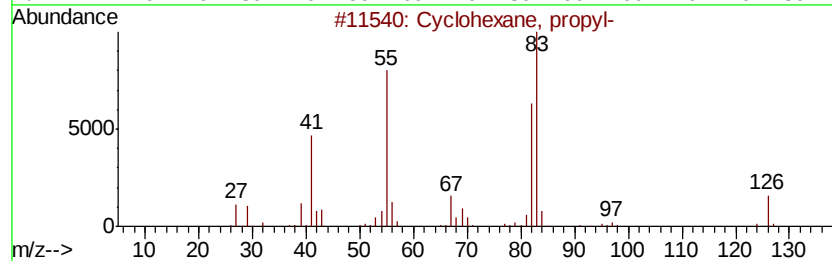
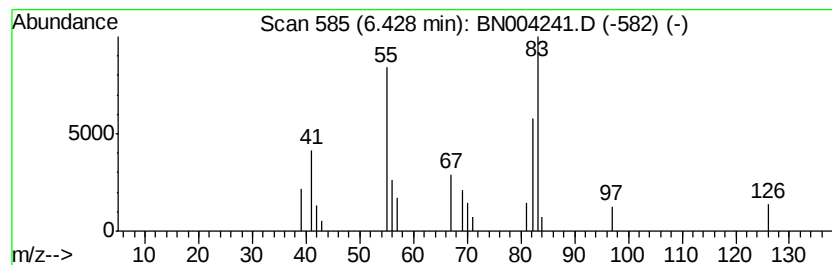
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic6.43 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	3.57 ng/ul	41452	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, propyl-	126	C9H18	001678-92-8	80
2			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4			Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5			Cyclohexane, propyl-	126	C9H18	001678-92-8	72



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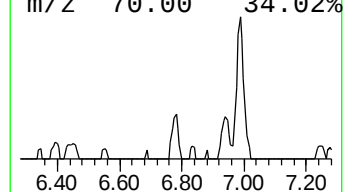
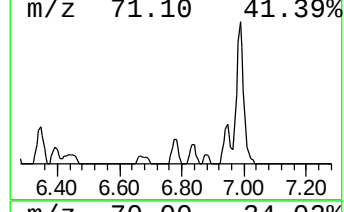
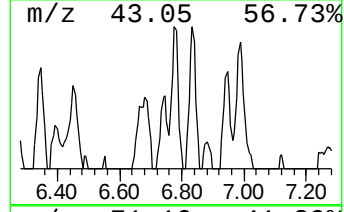
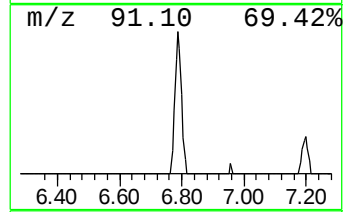
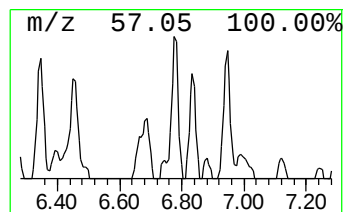
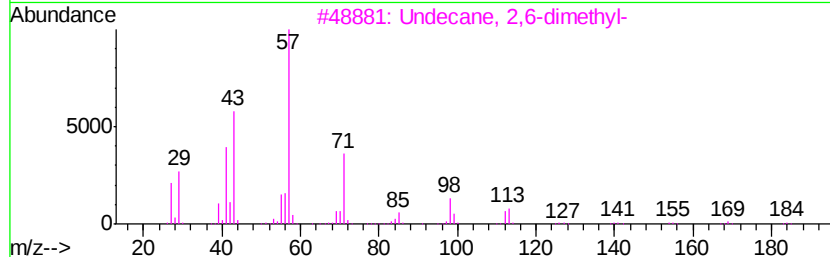
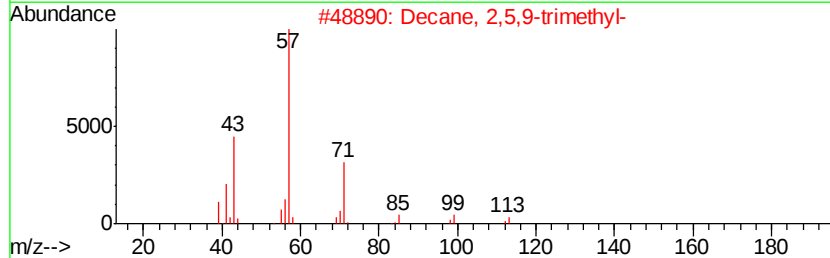
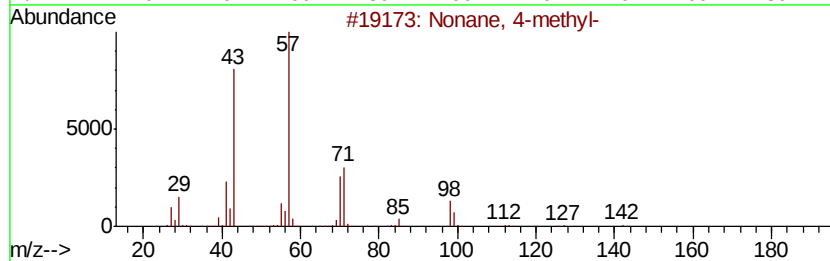
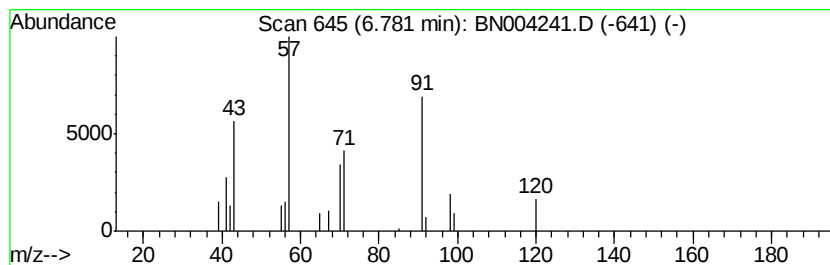
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	2.96 ng/ul	34466	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonane, 4-methyl-	142	C10H22	017301-94-9	42
2			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	38
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	38
4			Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	38
5			Octadecane, 6-methyl-	268	C19H40	010544-96-4	37



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Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
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Instrument :
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ClientSampleId :
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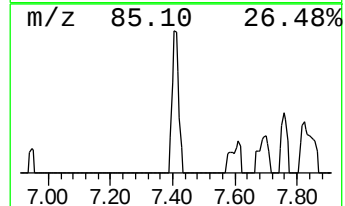
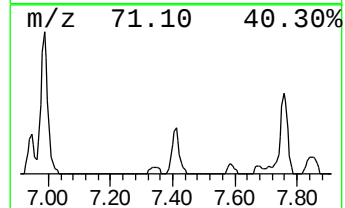
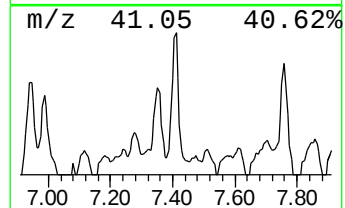
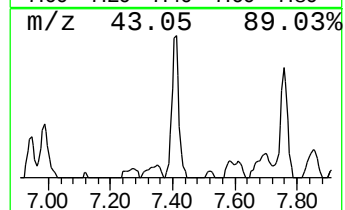
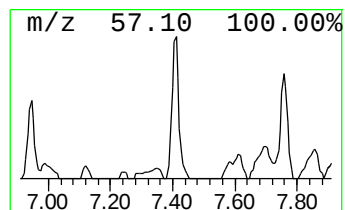
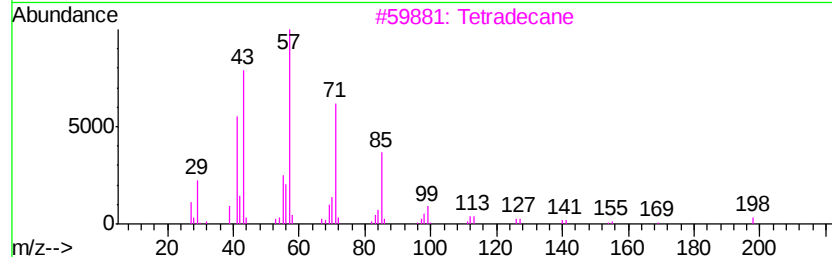
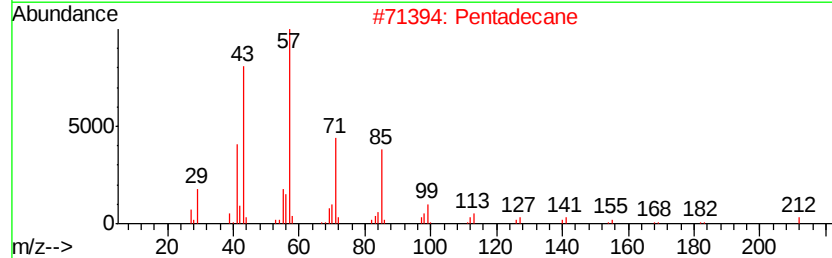
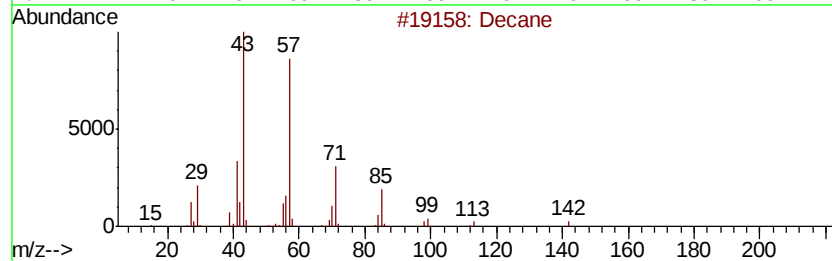
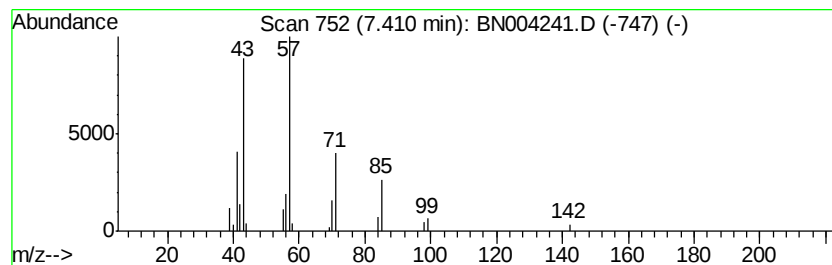
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.41	4.44 ng/ul	51605	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane			142	C10H22	000124-18-5	87
2	Pentadecane			212	C15H32	000629-62-9	83
3	Tetradecane			198	C14H30	000629-59-4	83
4	Tridecane			184	C13H28	000629-50-5	83
5	Decane			142	C10H22	000124-18-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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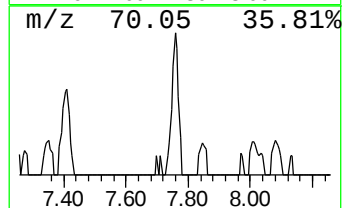
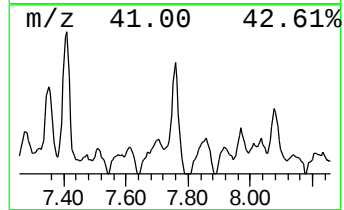
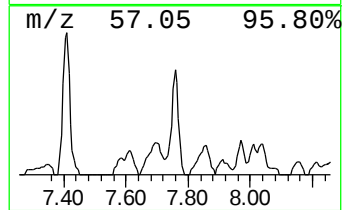
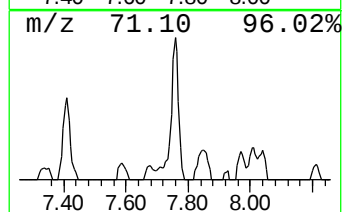
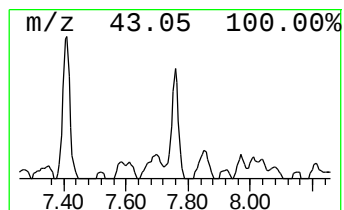
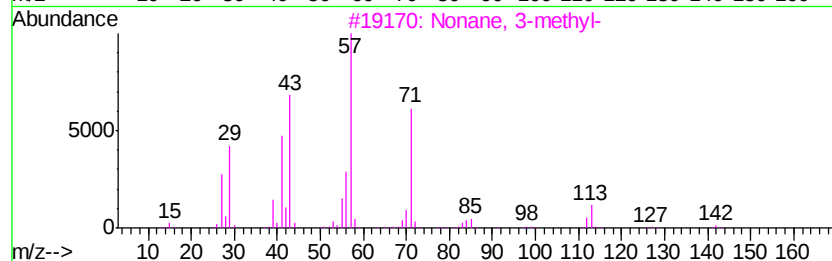
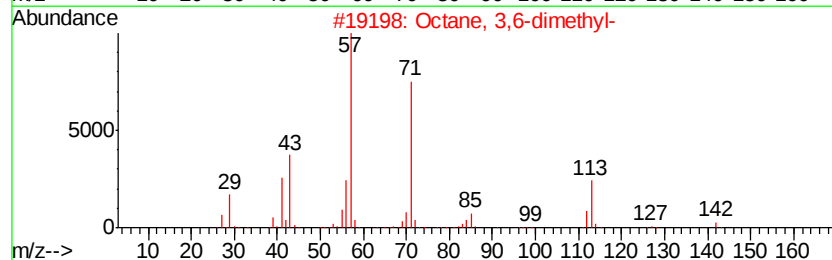
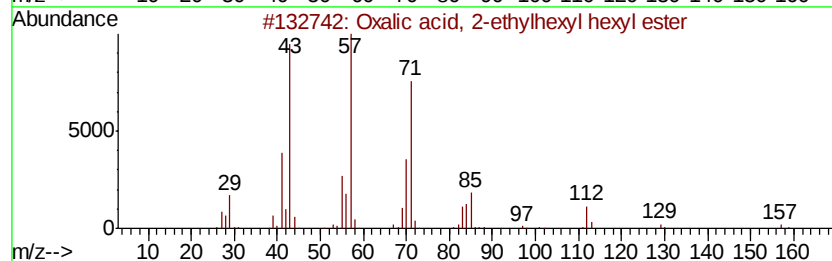
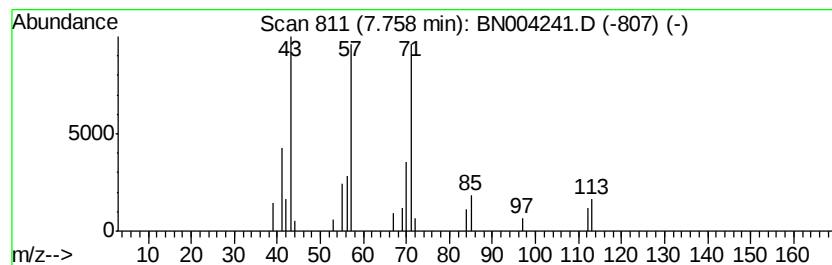
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Oxalic acid, 2-ethylhexyl h... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	4.53 ng/ul	52671	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, 2-ethylhexyl hexyl ...	286	C16H30O4	1000309-38-9	80
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	72
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
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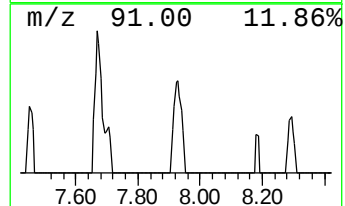
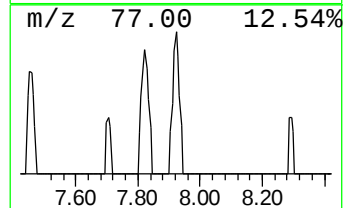
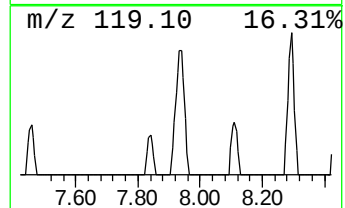
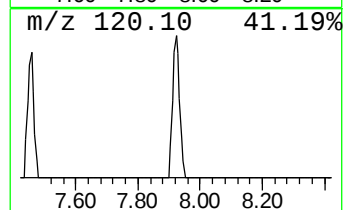
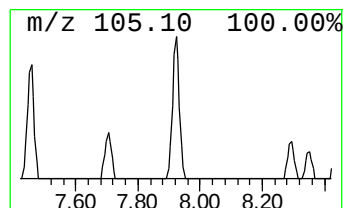
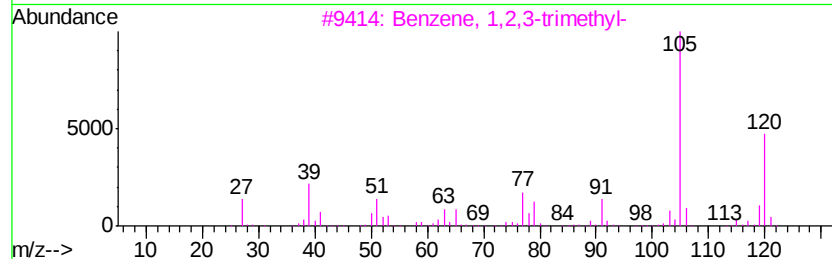
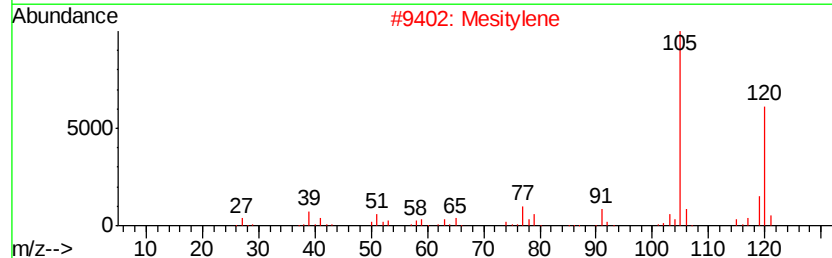
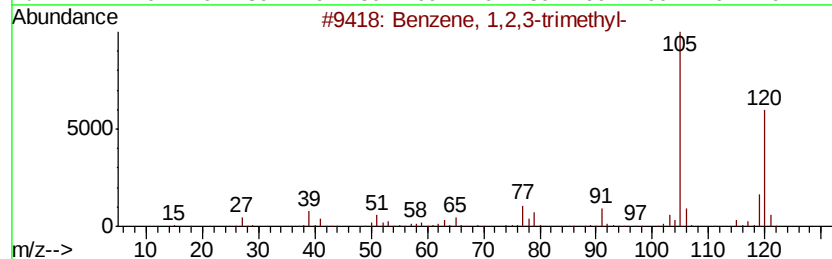
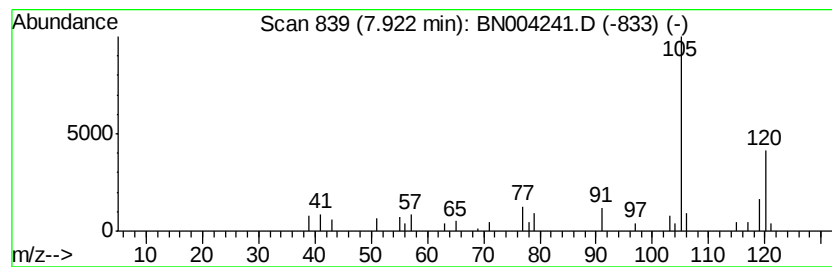
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.73 ng/ul	43400	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2			Mesitylene	120	C9H12	000108-67-8	91
3			Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4			Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90
5			Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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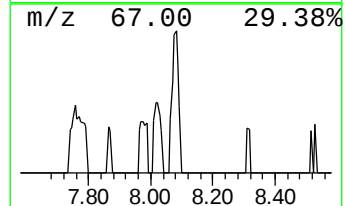
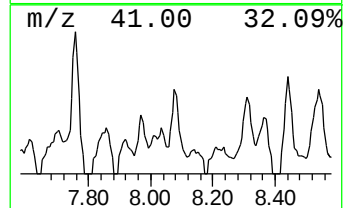
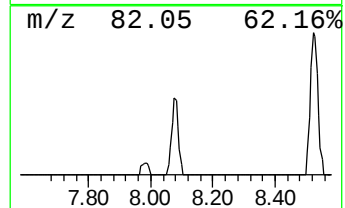
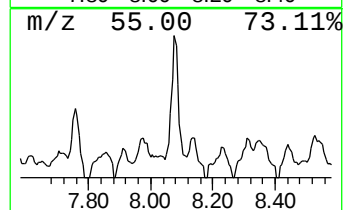
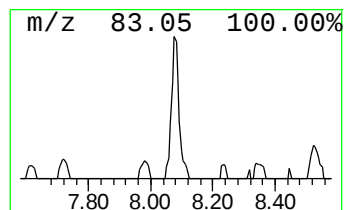
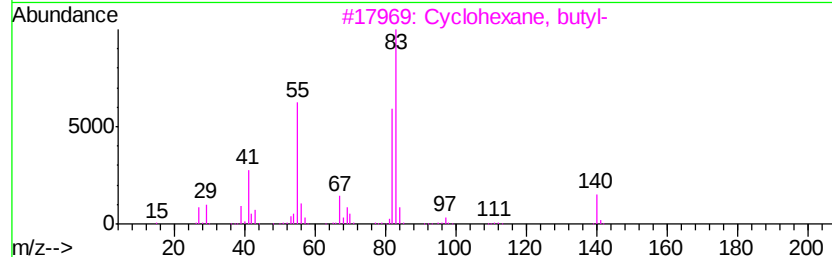
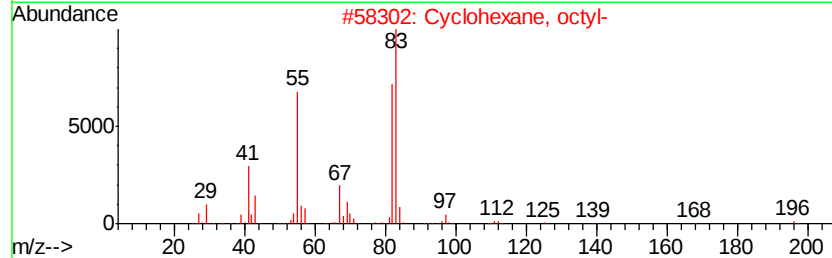
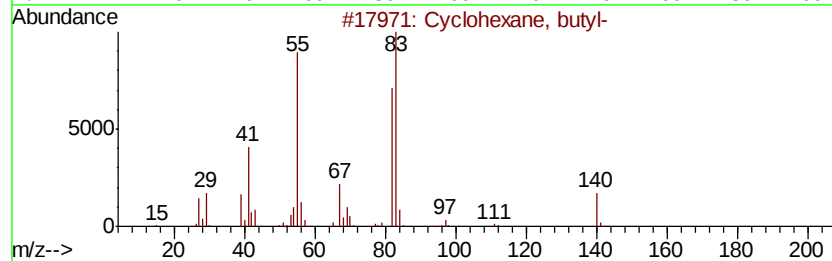
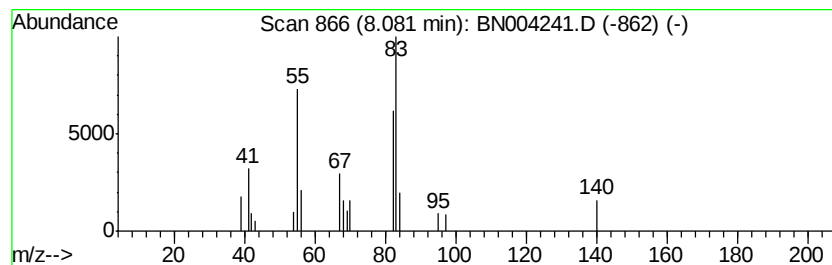
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic8.08 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	2.37 ng/ul	27501	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	80
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
5		Cyclohexane, 1,1'-(1,4-butanedi...	222	C16H30	006165-44-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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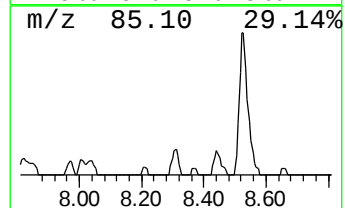
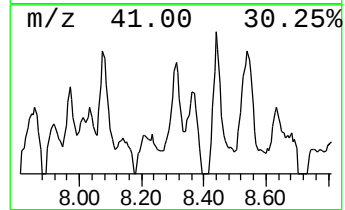
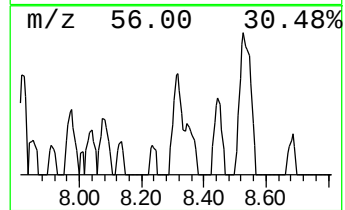
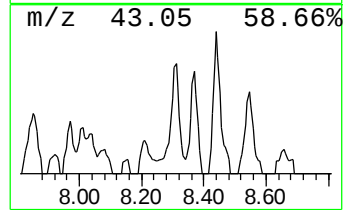
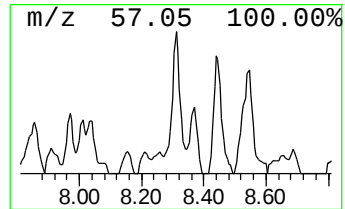
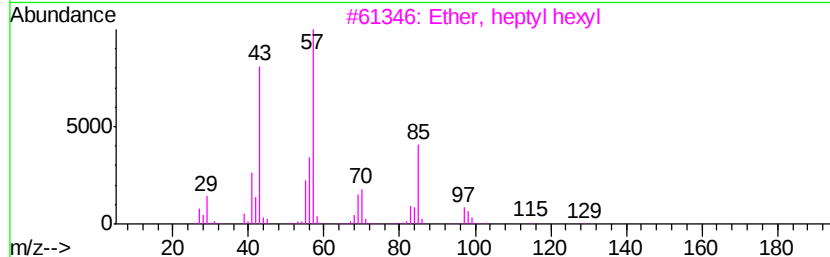
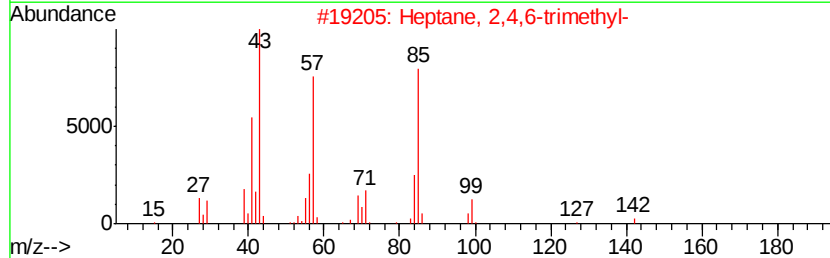
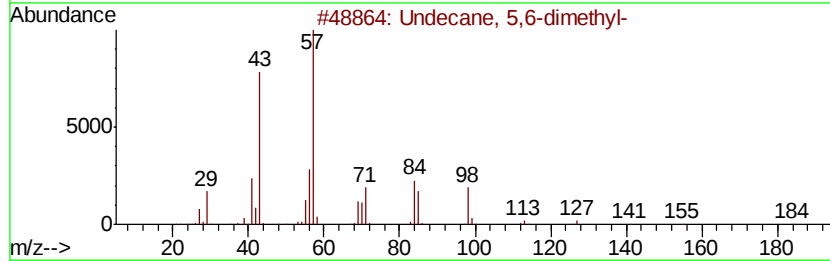
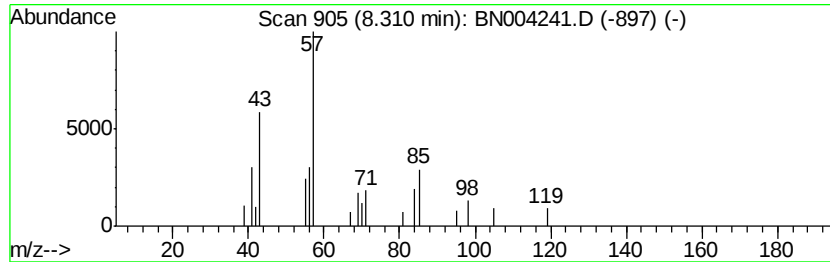
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.31	3.59 ng/ul	41754	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	47
3		Ether, heptyl hexyl	200	C13H28O	007289-40-9	47
4		Decane, 5-methyl-	156	C11H24	013151-35-4	45
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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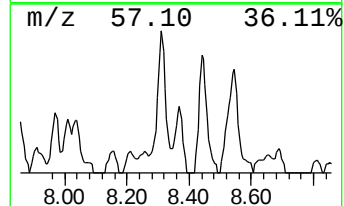
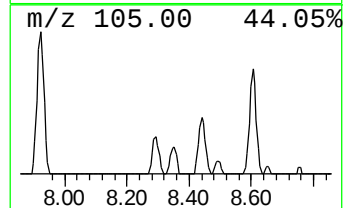
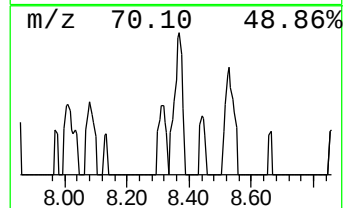
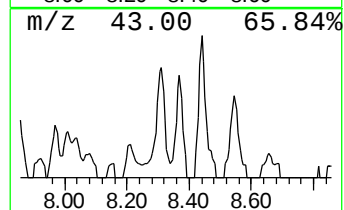
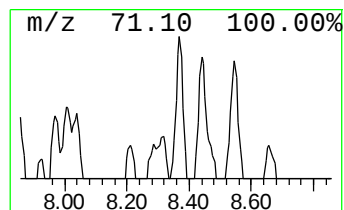
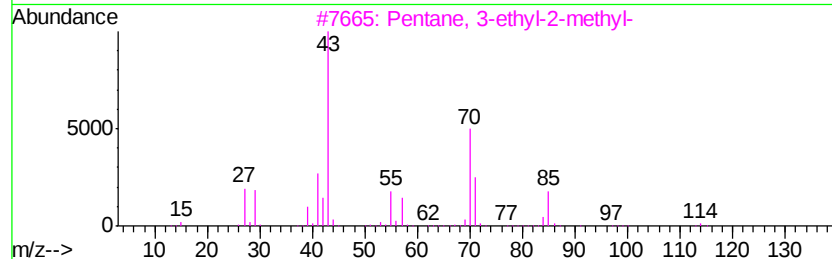
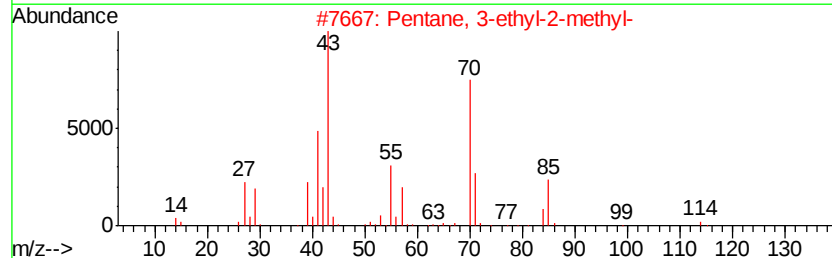
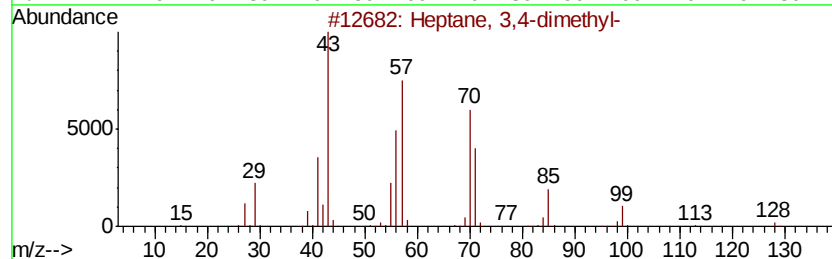
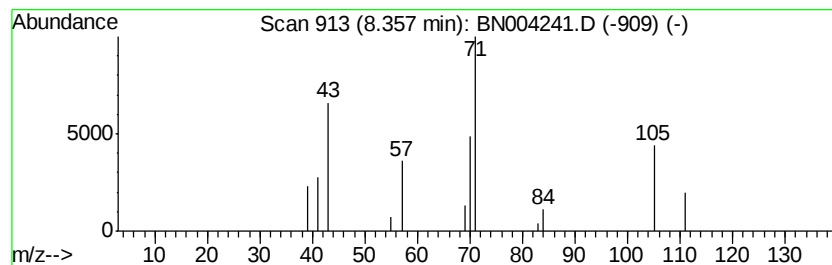
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	2.74 ng/ul	31868	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38
2		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	25
3		Pentane, 3-ethyl-2-methyl-	114	C8H18	000609-26-7	25
4		Acetoacetic acid isoamyl ester	172	C9H16O3	002308-18-1	23
5		1,3-Butadien-1-ol, acetate	112	C6H8O2	001515-76-0	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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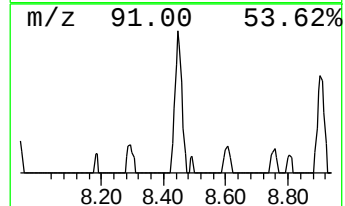
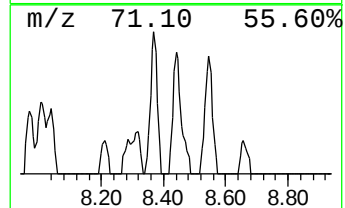
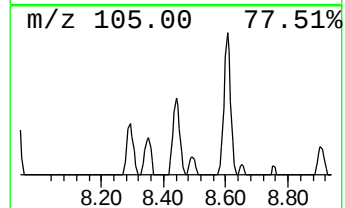
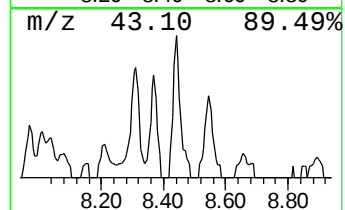
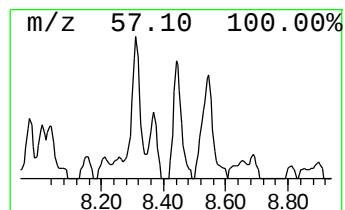
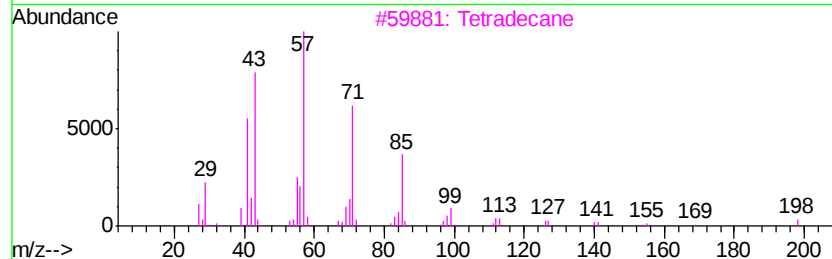
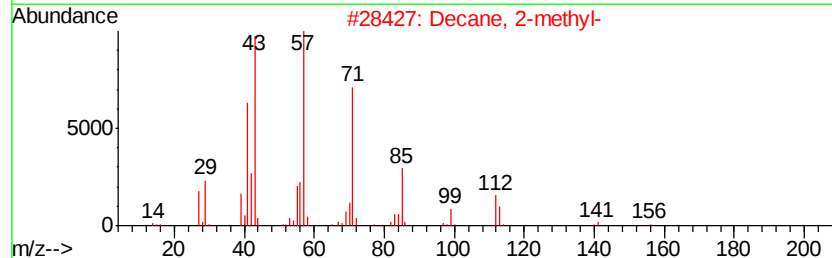
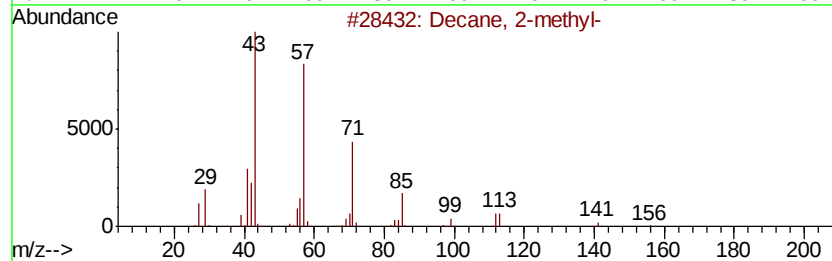
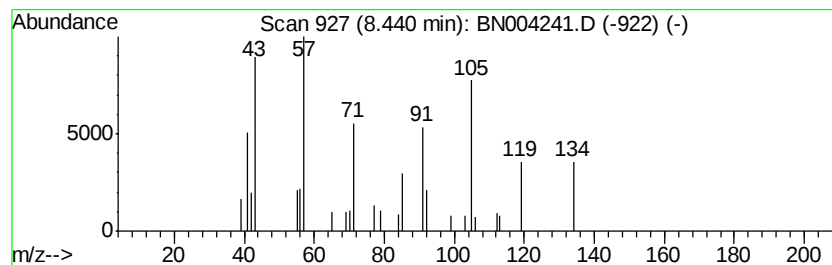
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	4.58 ng/ul	53232	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	47
2			Decane, 2-methyl-	156	C11H24	006975-98-0	47
3			Tetradecane	198	C14H30	000629-59-4	43
4			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5			Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	43



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Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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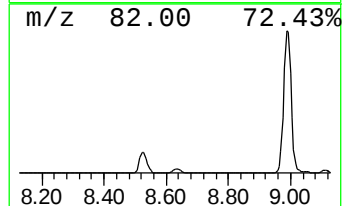
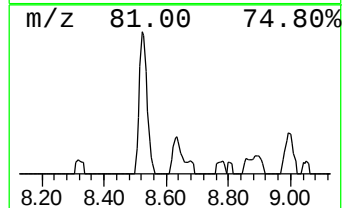
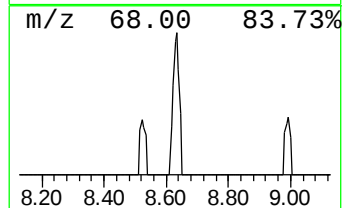
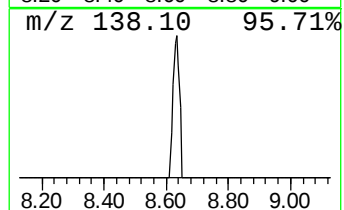
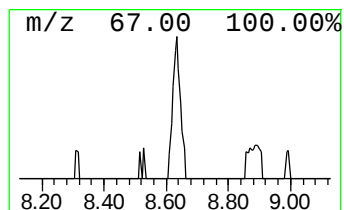
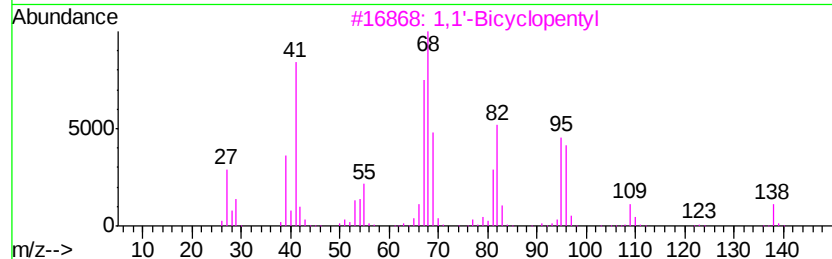
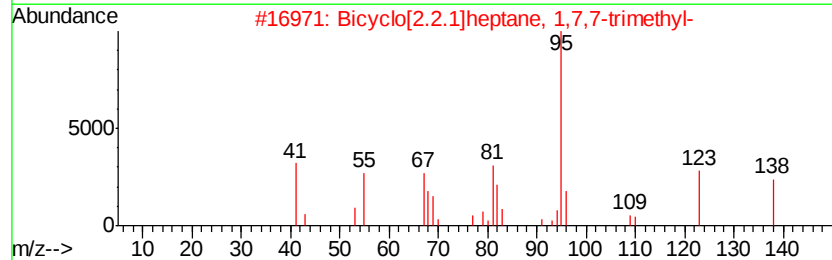
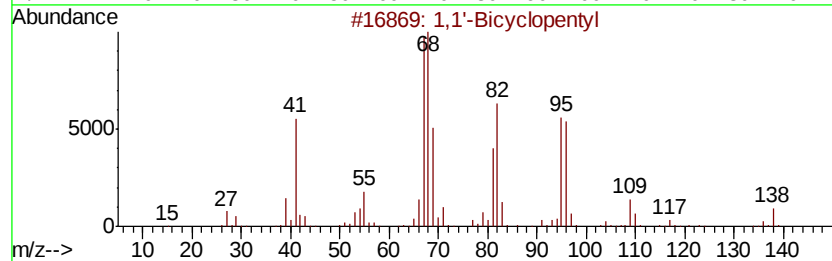
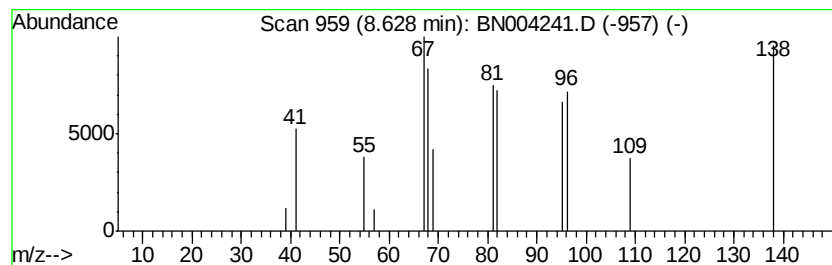
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 1,1'-Bicyclopentyl Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	3.15 ng/ul	36669	1,4-Dichlorobenzene-d4	7.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	87
2			Bicyclo[2.2.1]heptane, 1,7,7-tri...	138	C10H18	000464-15-3	80
3			1,1'-Bicyclopentyl	138	C10H18	001636-39-1	59
4			1,9-Nonanediol, dimethanesulfonate	316	C11H24O6S2	004248-77-5	53
5			Cyclohexene, 4-methyl-1-(1-methy...	138	C10H18	000500-00-5	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Acq On : 27 Dec 2018 15:21
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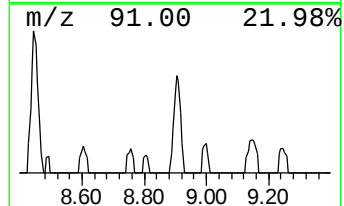
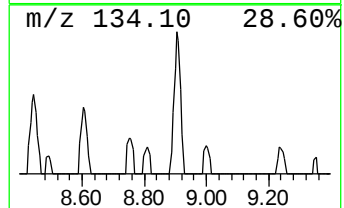
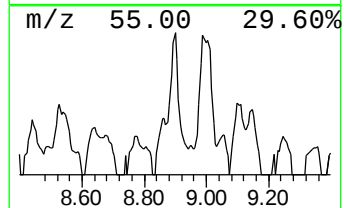
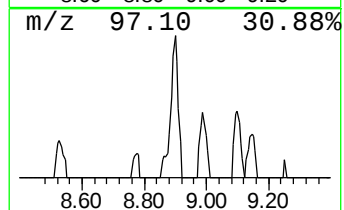
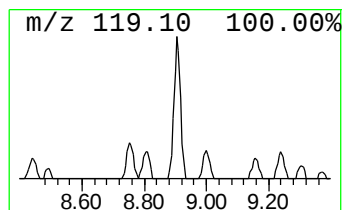
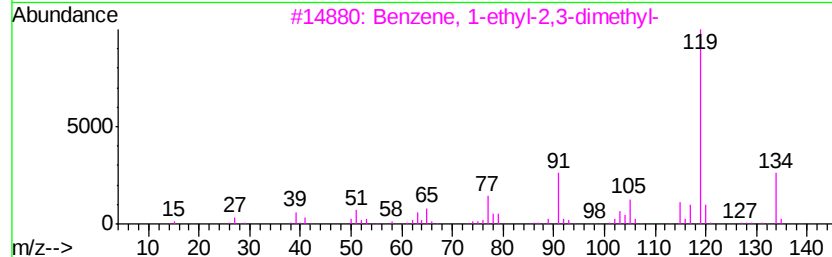
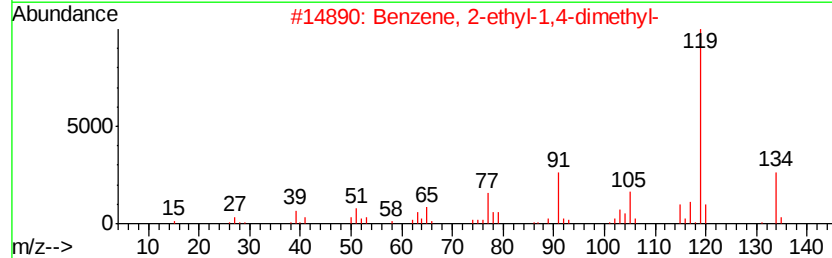
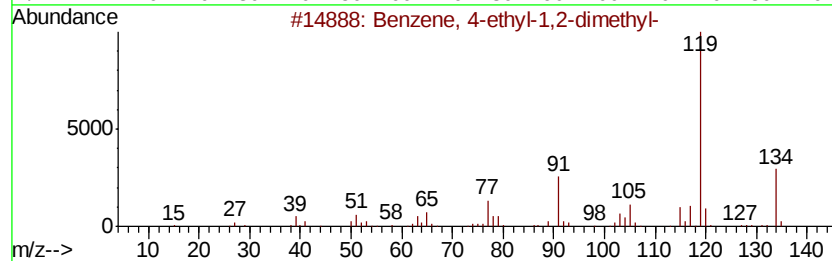
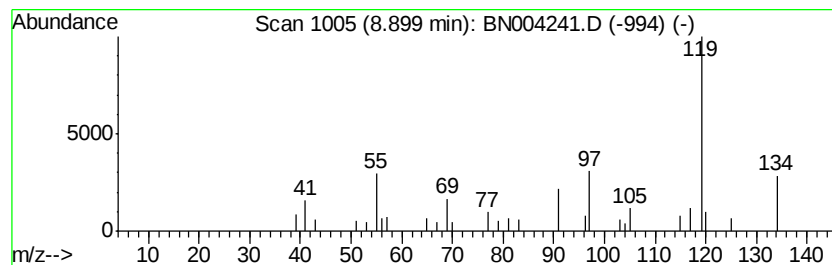
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.90	6.09 ng/ul	70809	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	87
5		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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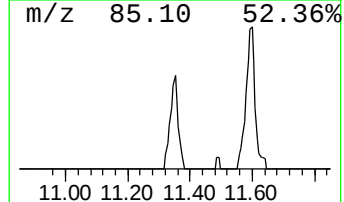
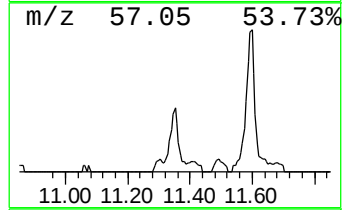
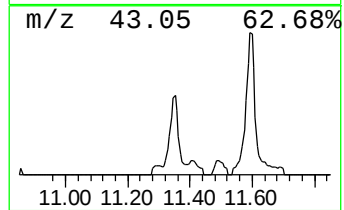
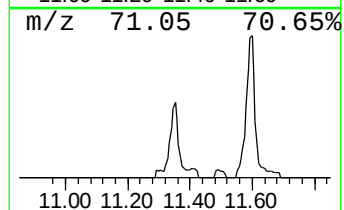
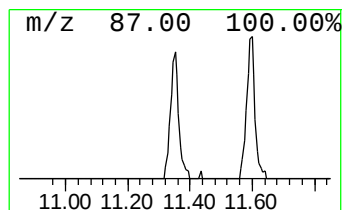
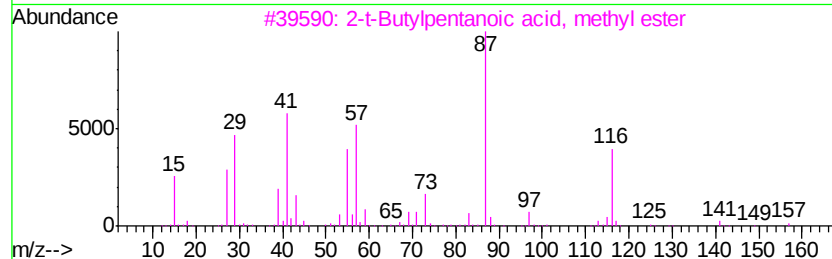
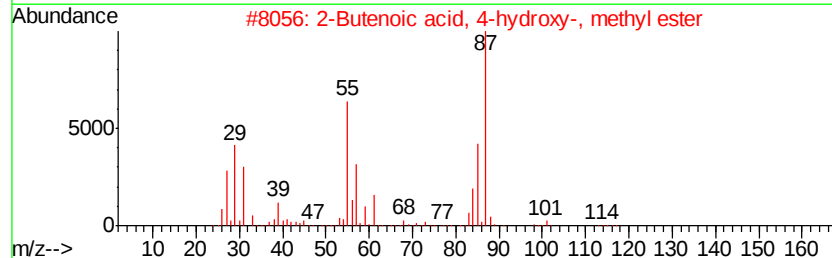
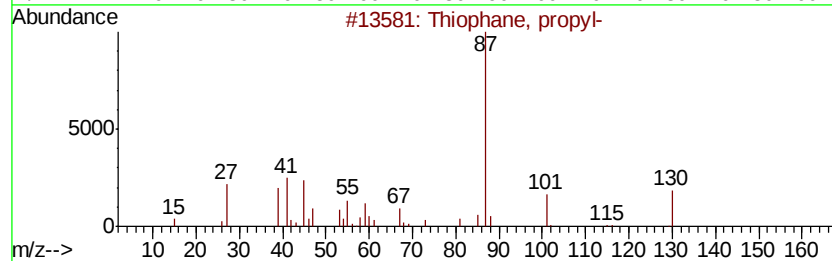
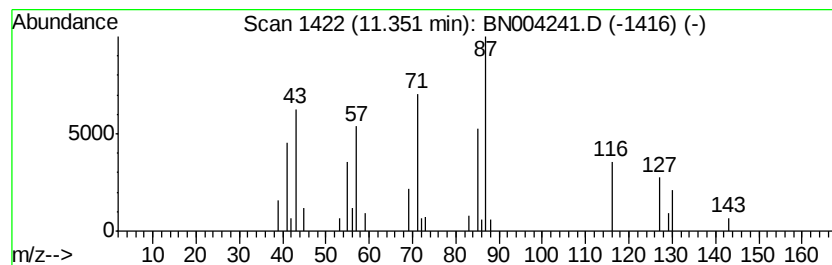
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	3.30 ng/ul	56801	Napthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophane, propyl-	130	C7H14S	001551-34-4	38
2			2-Butenoic acid, 4-hydroxy-, met...	116	C5H8O3	004508-99-0	32
3			2-t-Butylpentanoic acid, methyl ...	172	C10H20O2	1000202-22-5	25
4			Thiophene, 2-ethyltetrahydro-	116	C6H12S	001551-32-2	25
5			1-Octanol, 2,2-dimethyl-	158	C10H22O	002370-14-1	16



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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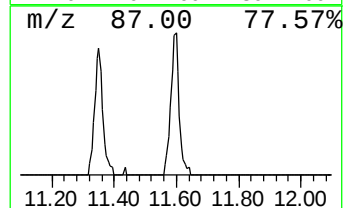
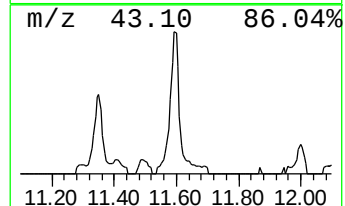
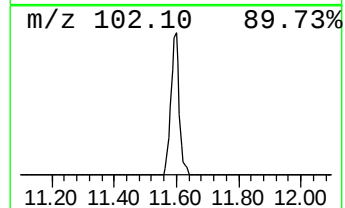
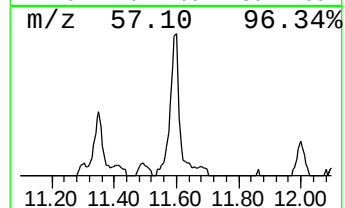
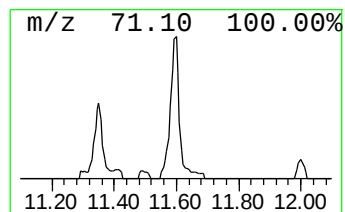
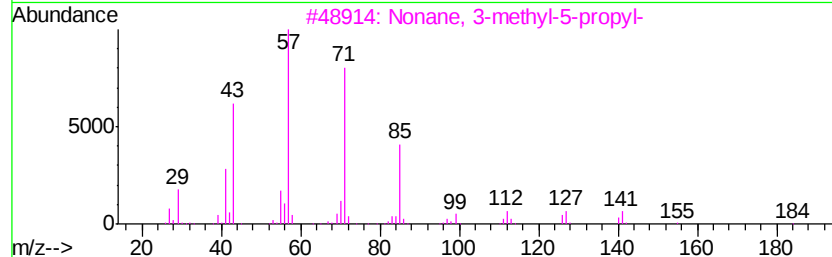
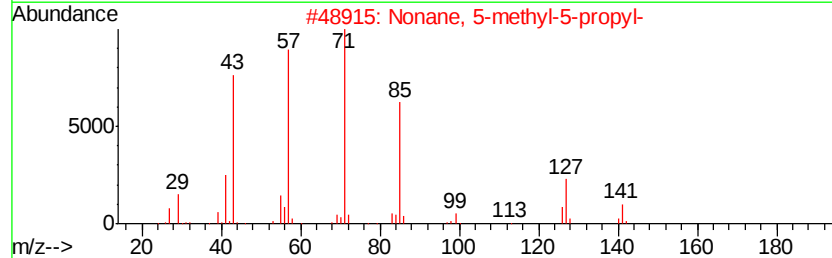
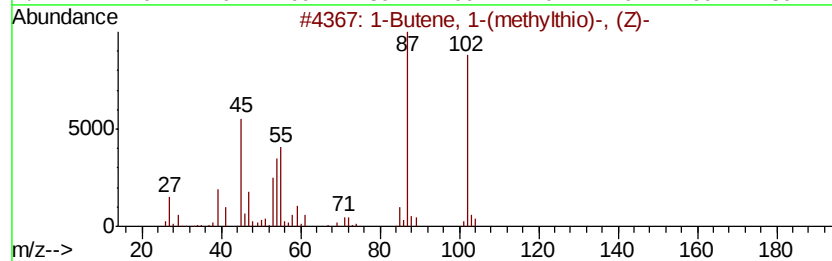
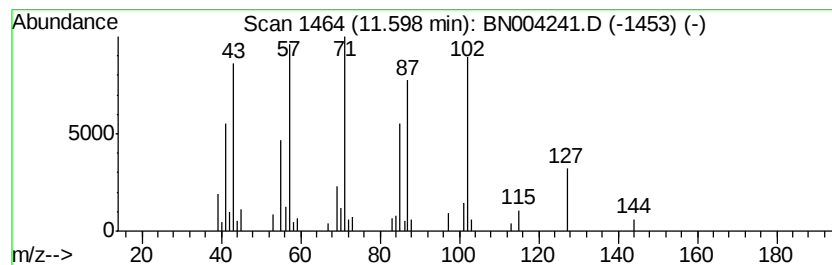
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown-02 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	7.64 ng/ul	131711	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 1-(methylthio)-, (Z)-	102	C5H10S	017414-15-2	38
2			Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	35
3			Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	27
4			Decane, 5-propyl-	184	C13H28	017312-62-8	27
5			Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
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Instrument :
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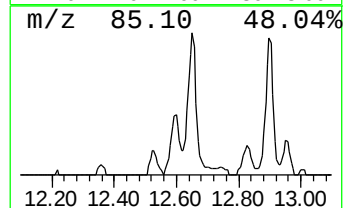
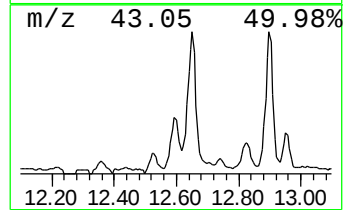
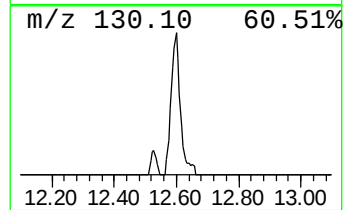
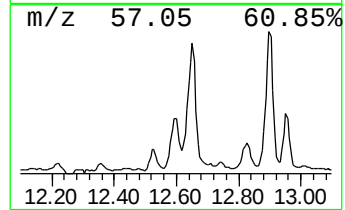
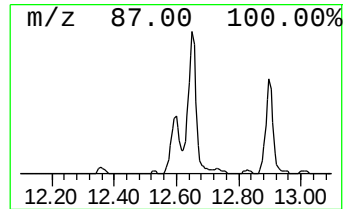
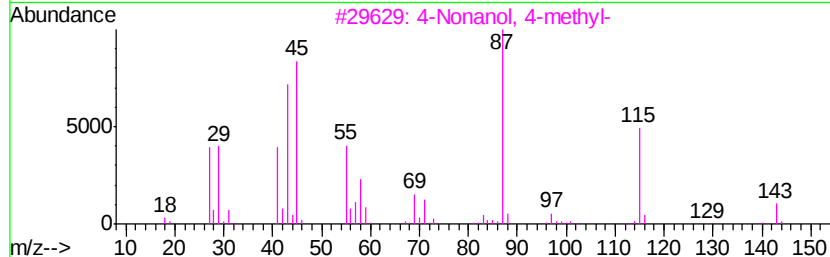
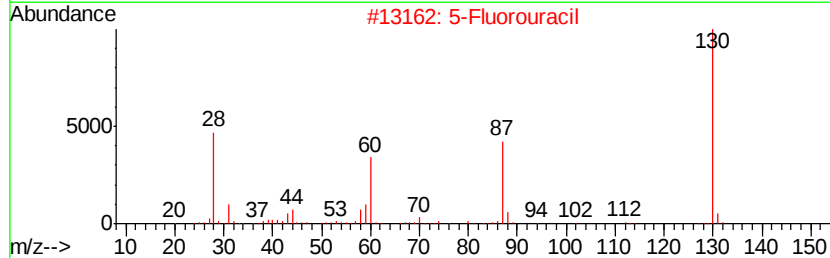
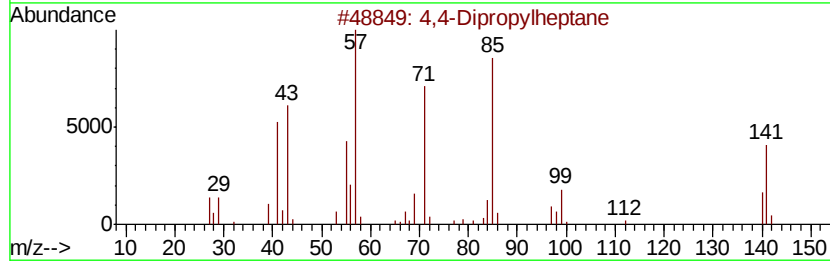
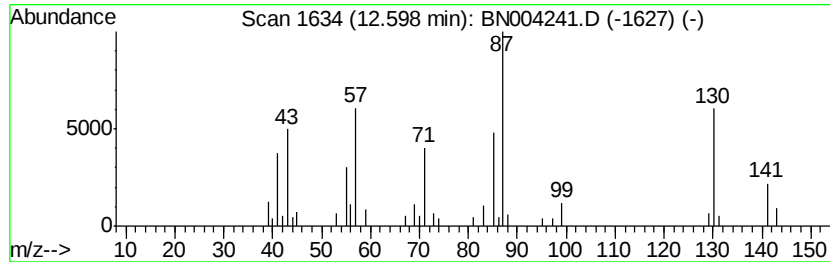
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	3.76 ng/ul	93653	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,4-Dipropylheptane	184	C13H28	017312-72-0	35
2			5-Fluorouracil	130	C4H3FN2O2	000051-21-8	32
3			4-Nonanol, 4-methyl-	158	C10H22O	023418-38-4	27
4			Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1000309-34-1	27
5			Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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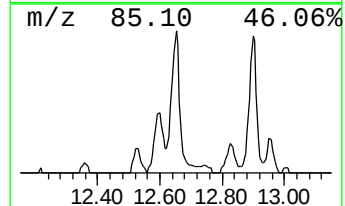
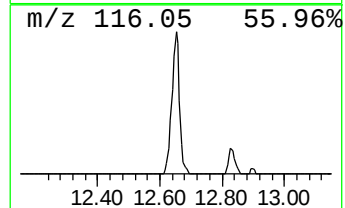
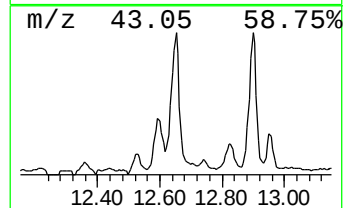
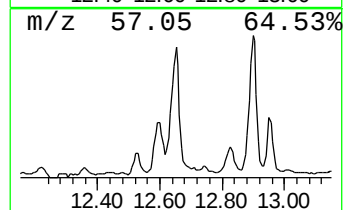
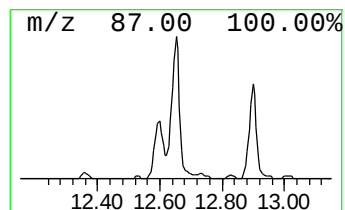
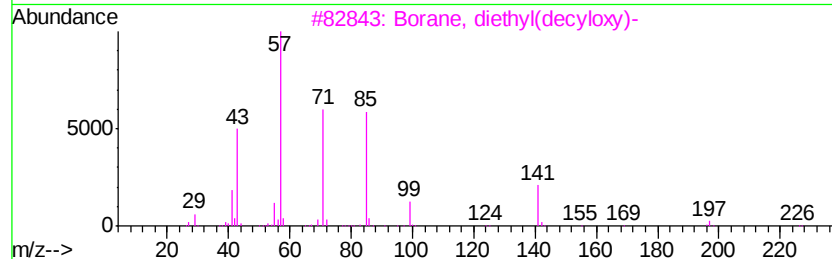
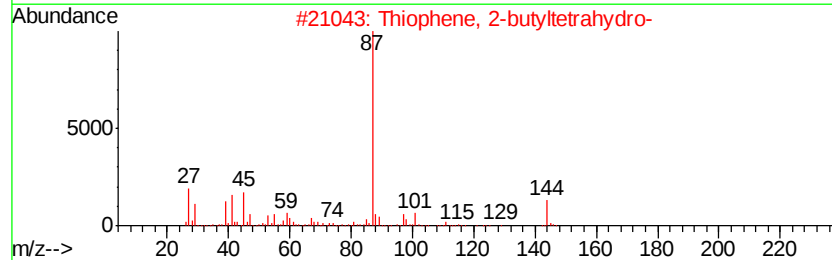
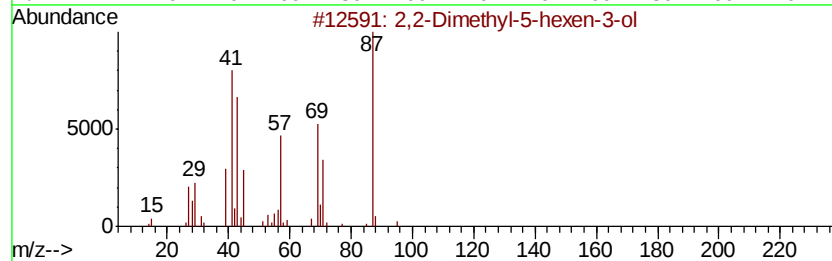
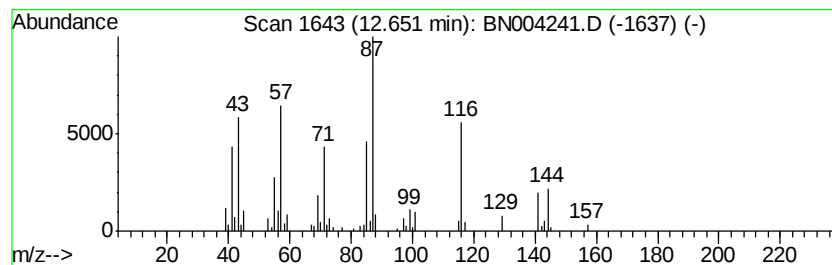
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-03 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.65	8.55 ng/ul	212709	Acenaphthene-d10	14.46	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-5-hexen-3-ol	128	C8H16O	019550-89-1	35
2	Thiophene, 2-butyltetrahydro-	144	C8H16S	001613-49-6	27
3	Borane, diethyl(decvloxy)-	226	C14H31BO	1000152-34-3	27
4	Decane, 3-bromo-	220	C10H21Br	030571-71-2	25
5	Sulfurous acid, decyl 2-propyl e...	264	C13H28O3S	1000309-12-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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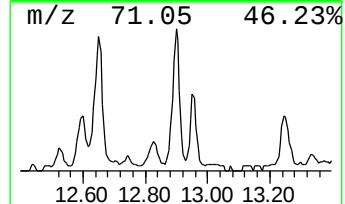
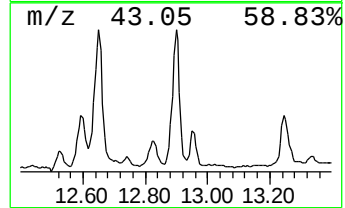
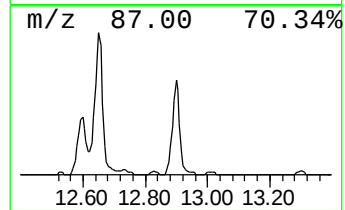
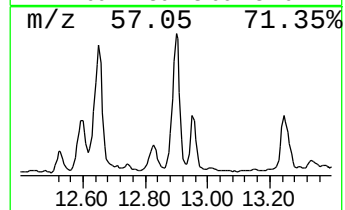
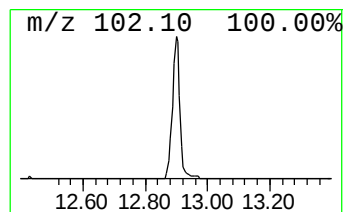
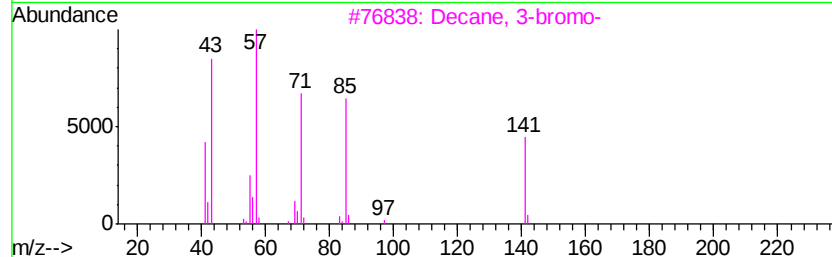
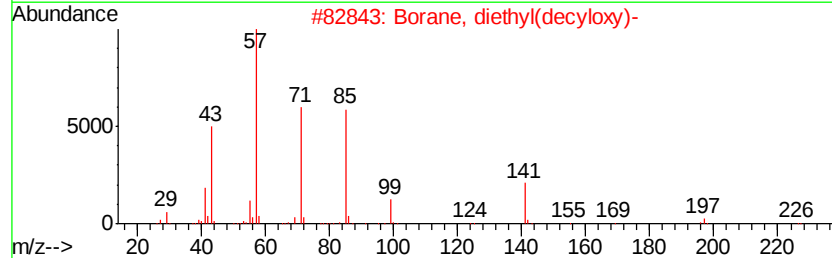
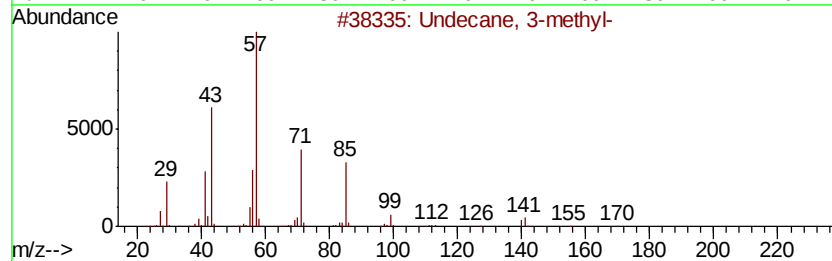
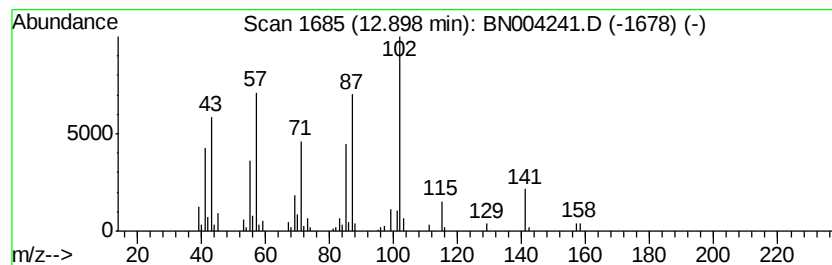
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	9.07 ng/ul	225717	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3-methyl-	170	C12H26	001002-43-3	27
2			Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	27
3			Decane, 3-bromo-	220	C10H21Br	030571-71-2	27
4			Octadecane, 1-iodo-	380	C18H37I	000629-93-6	22
5			1-Hexanol, 2-ethyl-2-propyl-	172	C11H24O	054461-00-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF025

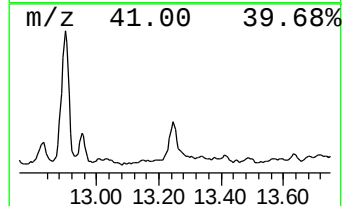
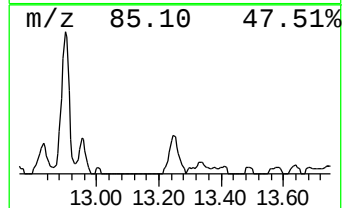
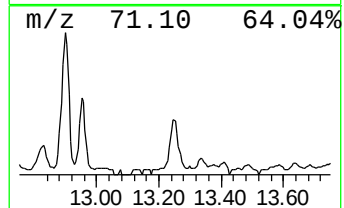
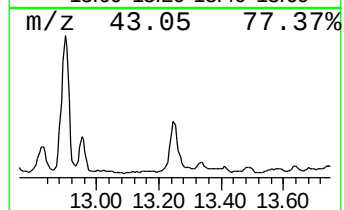
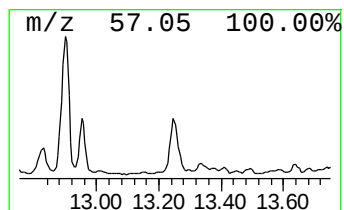
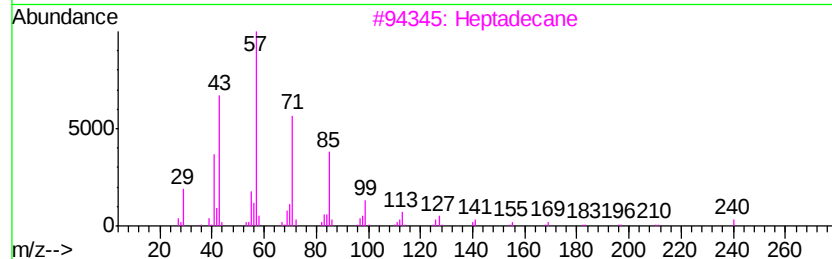
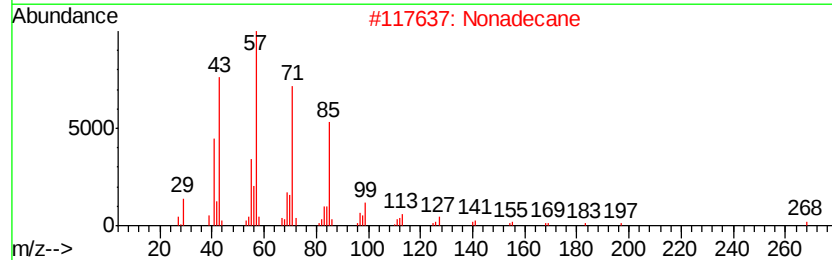
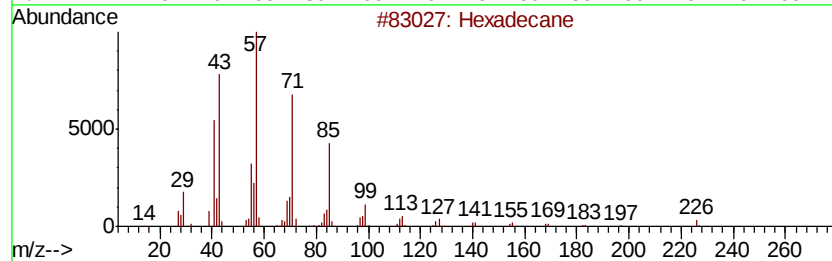
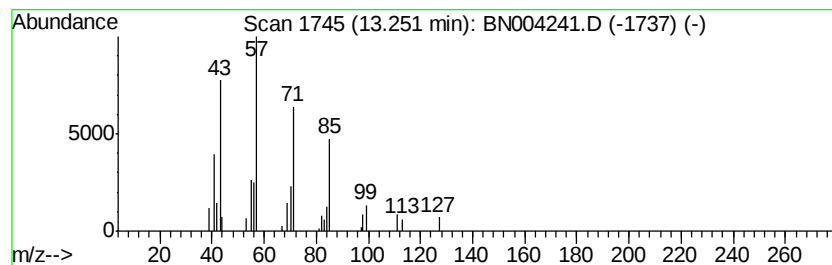
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.87 ng/ul	71291	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	80
2			Nonadecane	268	C19H40	000629-92-5	72
3			Heptadecane	240	C17H36	000629-78-7	64
4			Hexadecane	226	C16H34	000544-76-3	64
5			Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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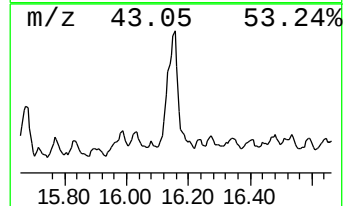
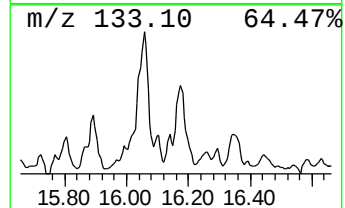
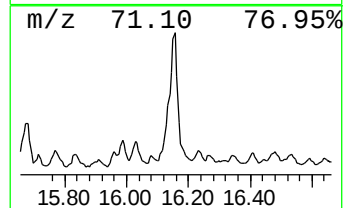
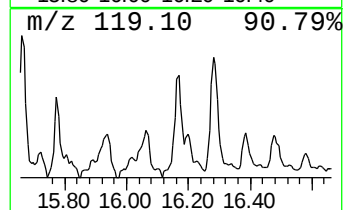
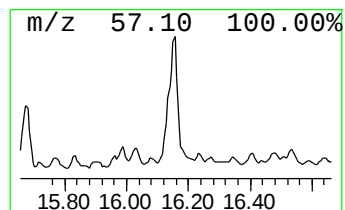
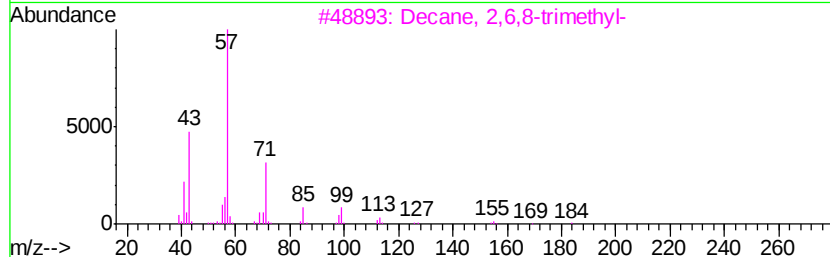
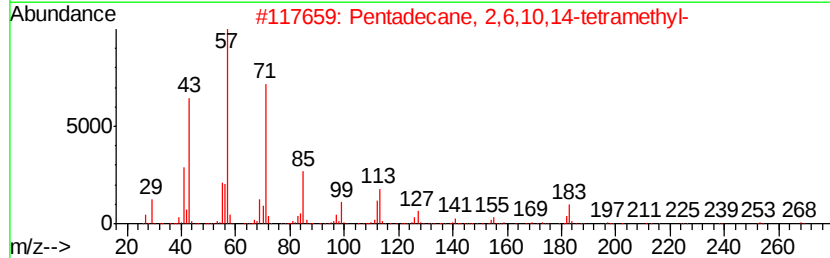
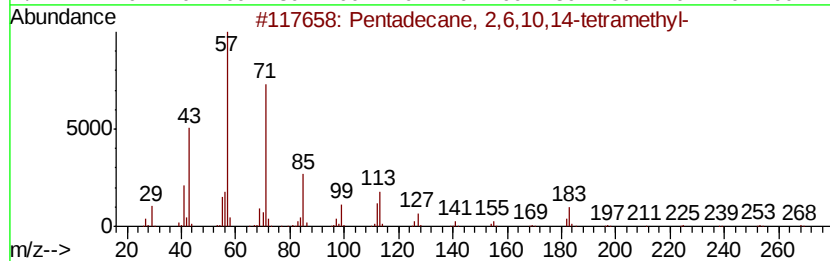
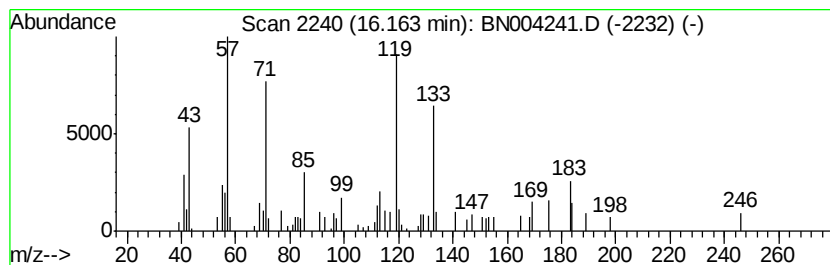
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	4.21 ng/ul	141192	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	58
3			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	58
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	49
5			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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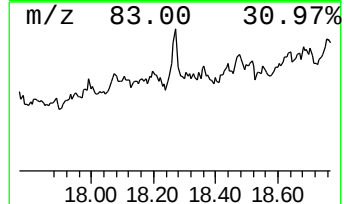
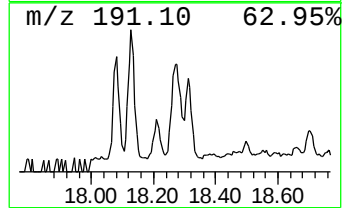
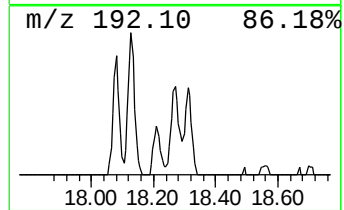
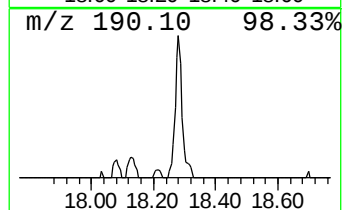
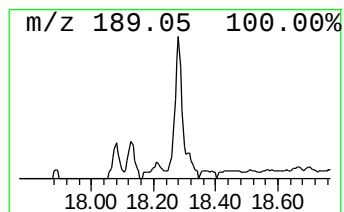
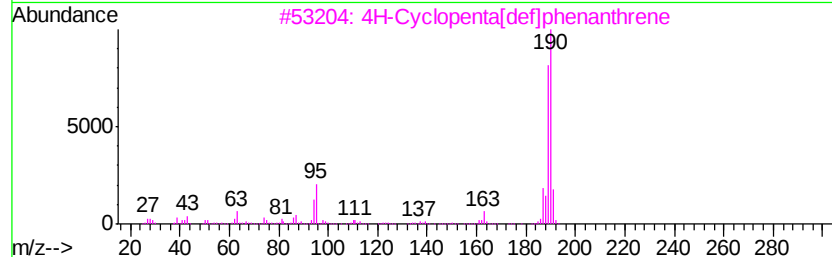
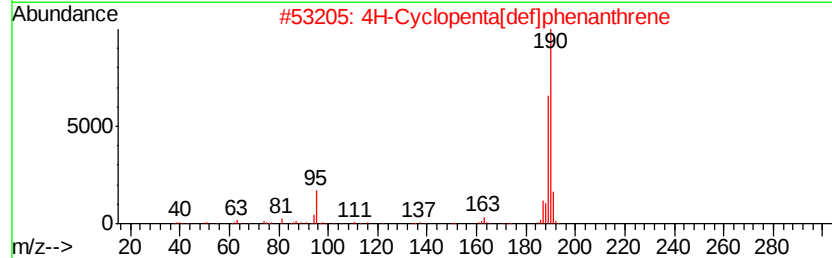
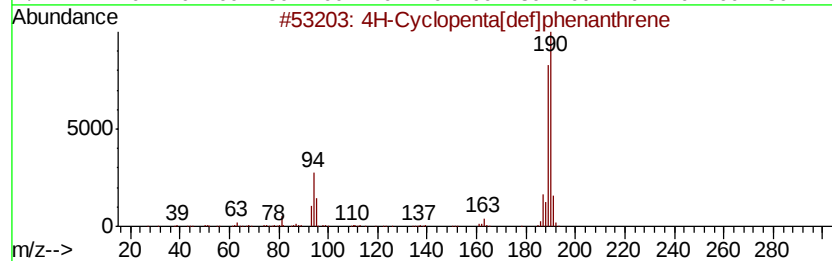
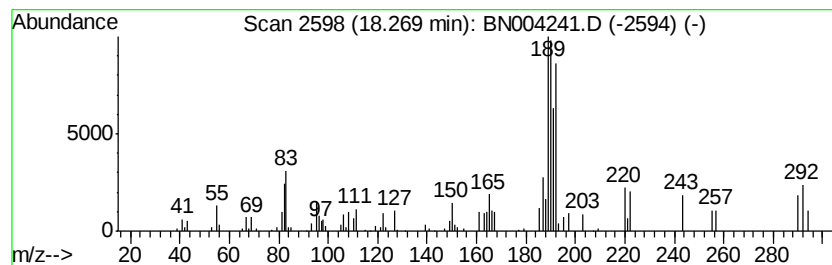
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	2.12 ng/ul	70986	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		Pvrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	47
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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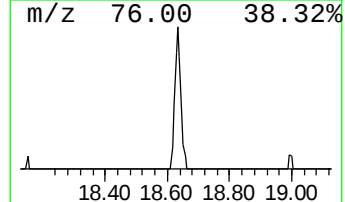
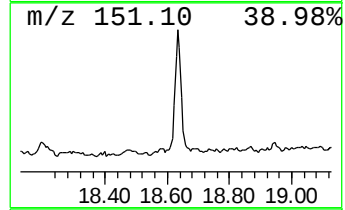
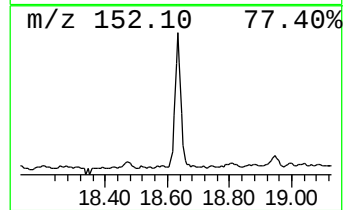
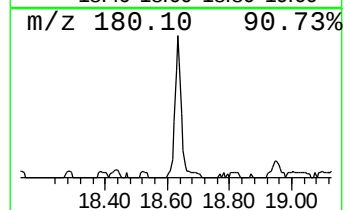
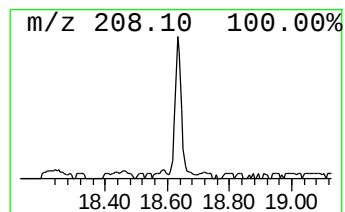
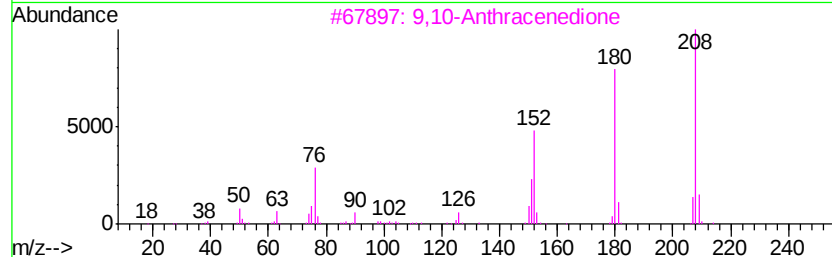
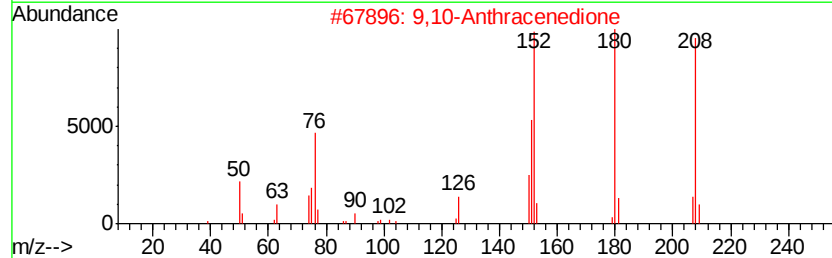
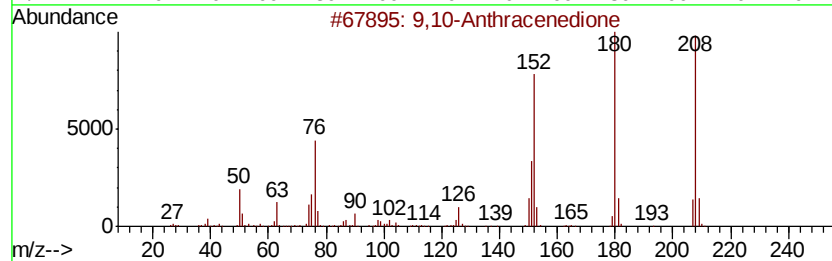
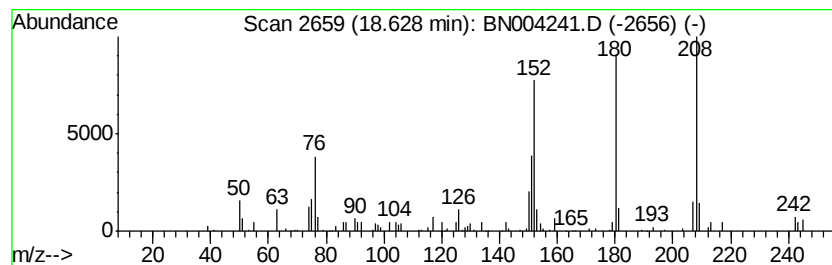
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 9,10-Anthracenedione Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.76 ng/ul	92756	Phenanthrene-d10	17.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5			1,4-Anthracenedione	208	C14H8O2	000635-12-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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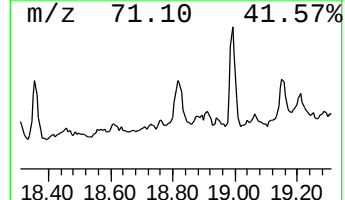
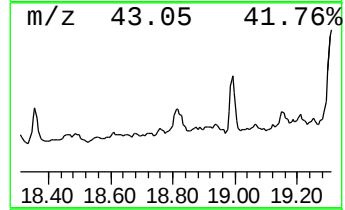
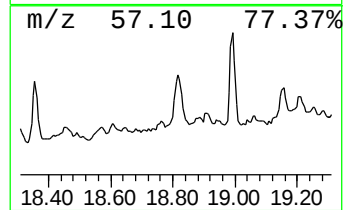
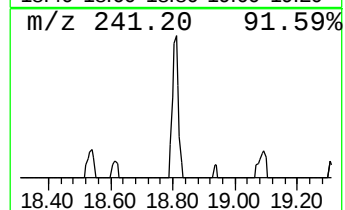
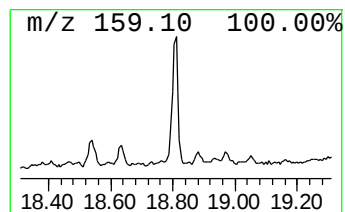
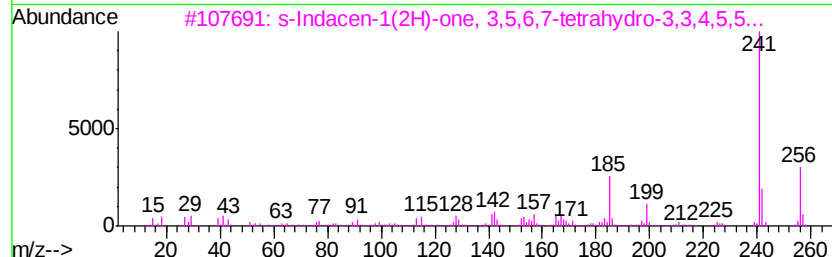
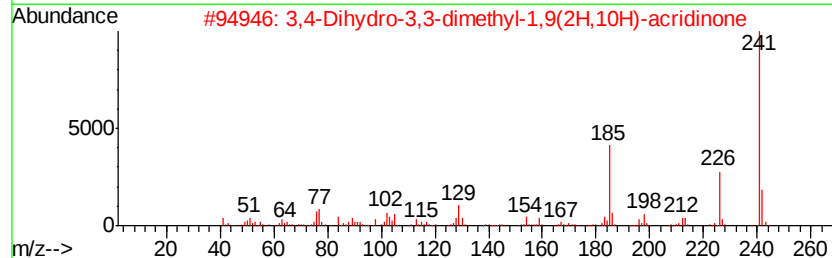
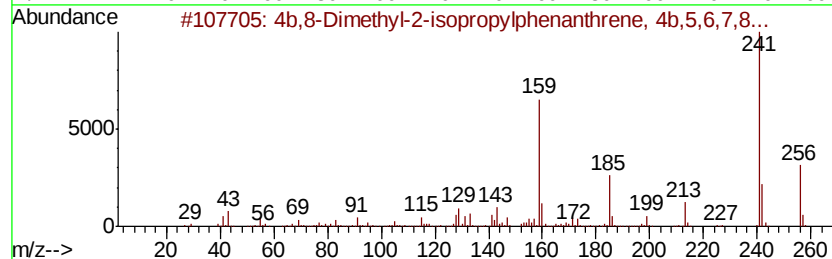
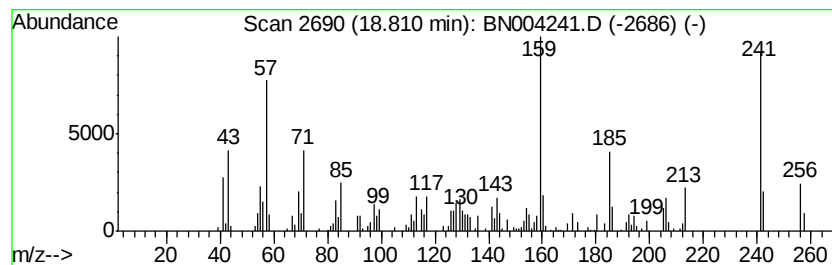
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 4b,8-Dimethyl-2-isopropylph... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.81	2.15 ng/ul	72201	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	89
2		3,4-Dihydro-3,3-dimethyl-1,9(2H,...	241	C15H15N02	1000212-95-2	38
3		s-Indacen-1(2H)-one, 3,5,6,7-tet...	256	C18H24O	038754-94-8	30
4		Pvrazine, 2,5-bis(trimethylsilyl...	256	C10H20N2O2Si2	1000151-99-8	25
5		Benz[a]anthracene, 7-ethyl-	256	C20H16	003697-30-1	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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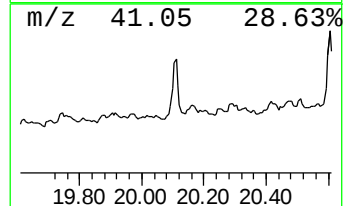
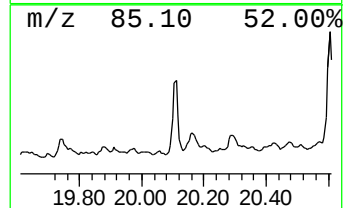
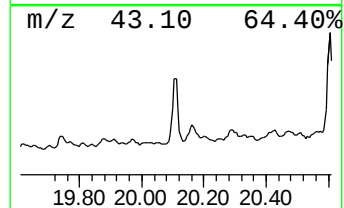
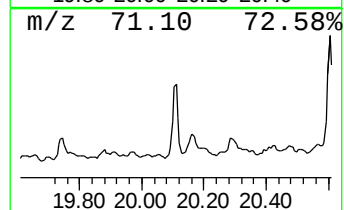
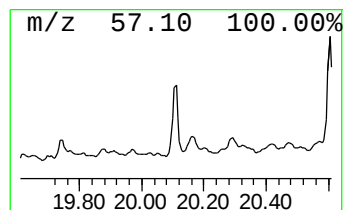
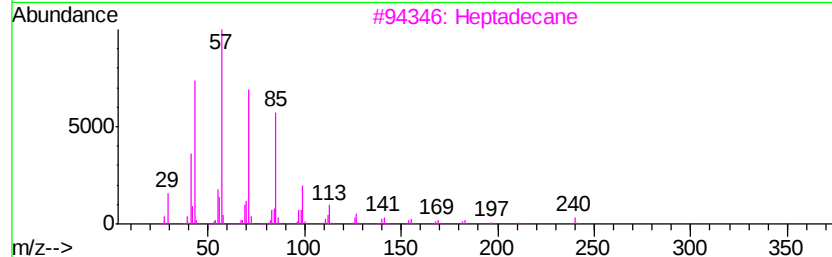
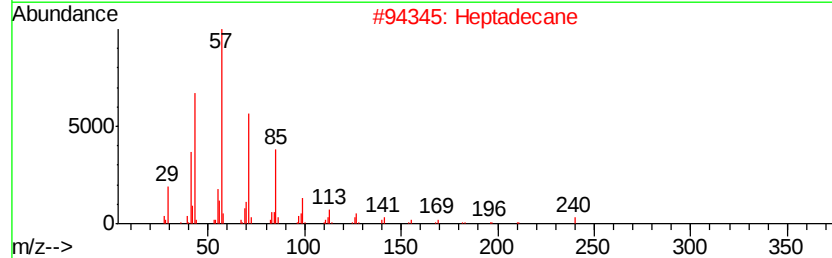
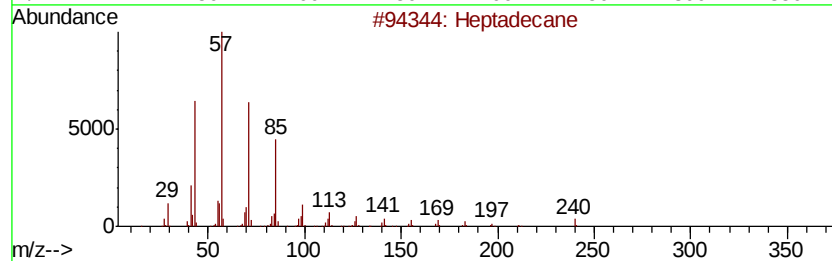
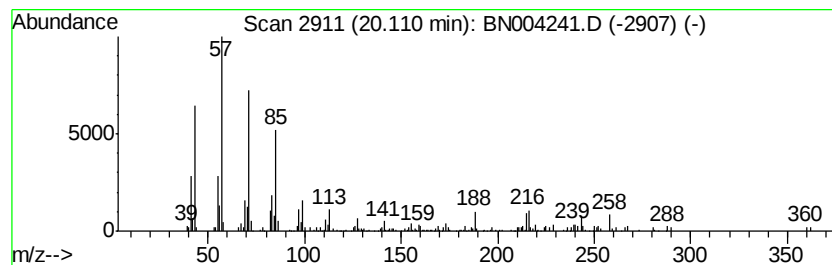
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.11	3.78 ng/ul	175887	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heptadecane	240	C17H36	000629-78-7	92
3		Heptadecane	240	C17H36	000629-78-7	89
4		Triacotane	422	C30H62	000638-68-6	76
5		Hexacosane	366	C26H54	000630-01-3	76



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Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF025

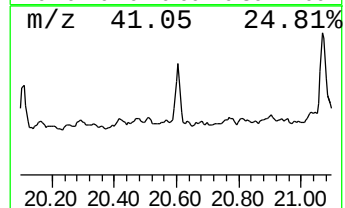
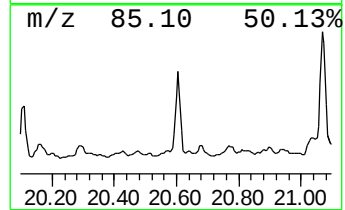
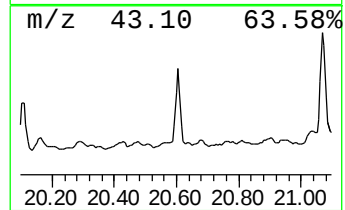
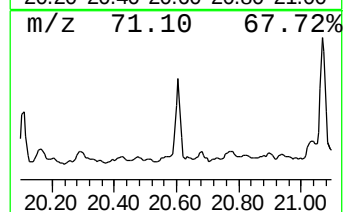
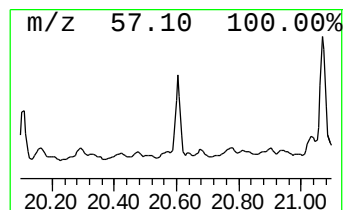
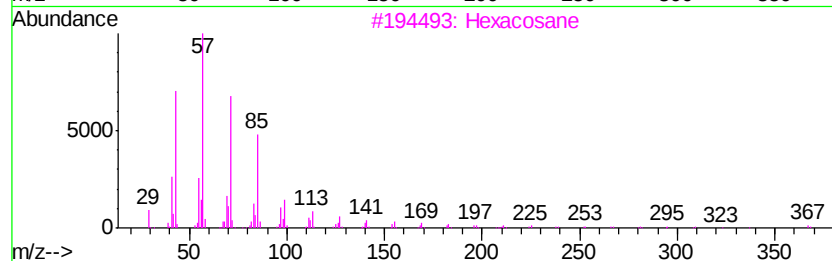
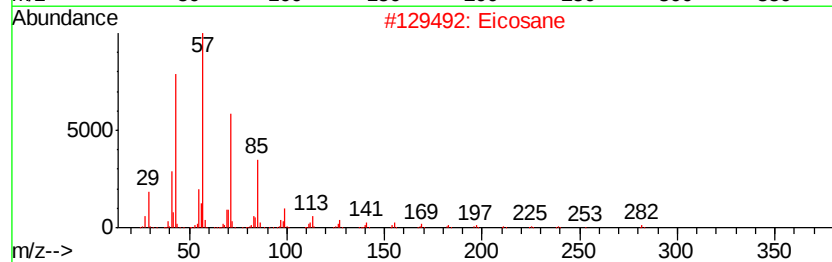
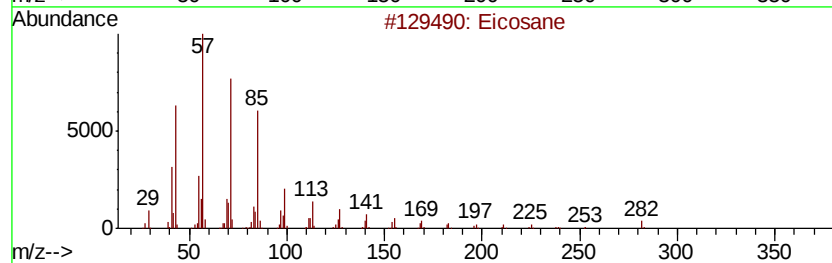
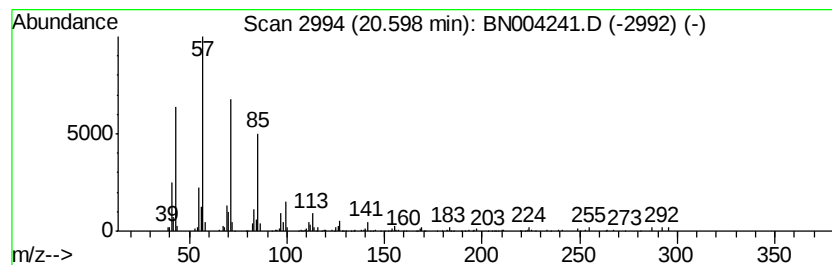
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.60	2.99 ng/ul	139277	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	97
2			Eicosane	282	C20H42	000112-95-8	95
3			Hexacosane	366	C26H54	000630-01-3	93
4			Hexadecane	226	C16H34	000544-76-3	93
5			Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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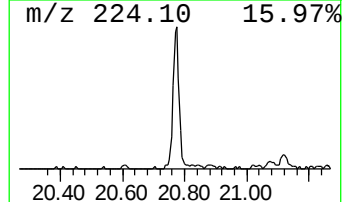
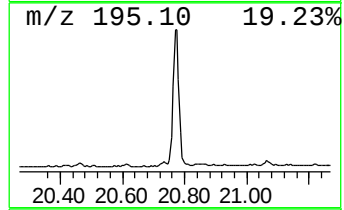
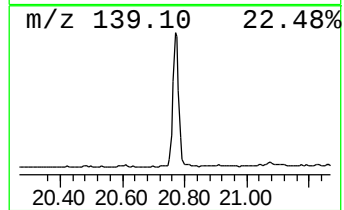
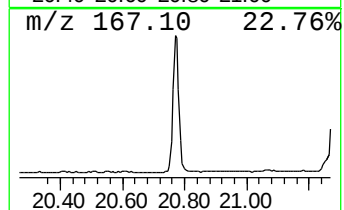
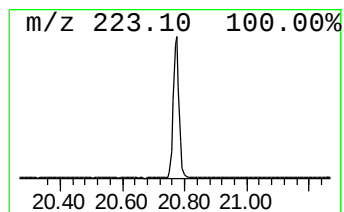
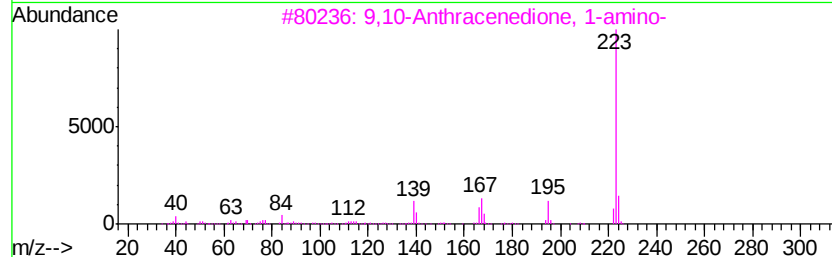
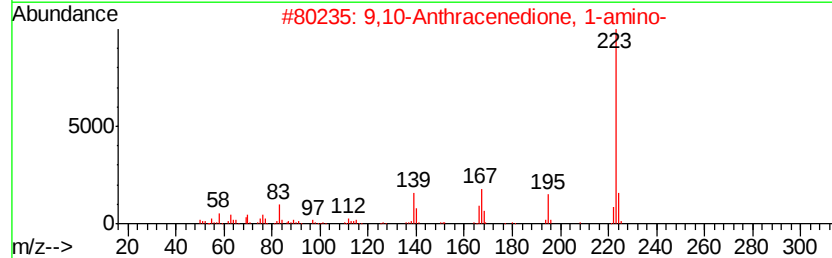
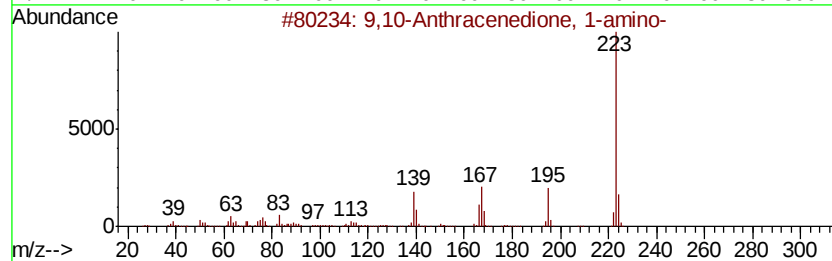
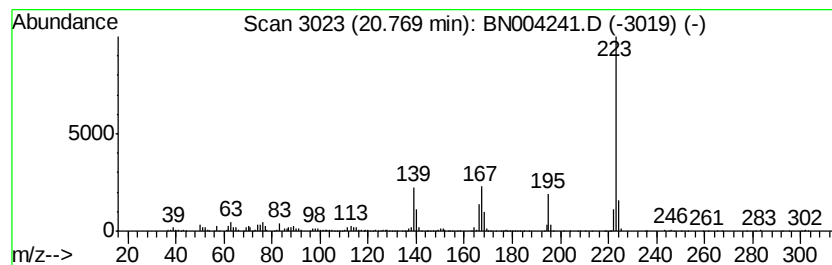
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9,10-Anthracenedione, 1-amino- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.77	8.41 ng/ul	391369	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	99
2		9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	96
3		9,10-Anthracenedione, 1-amino-	223	C14H9NO2	000082-45-1	95
4		Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	90
5		Anthraquinone, 2-amino-	223	C14H9NO2	000117-79-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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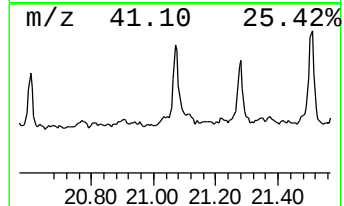
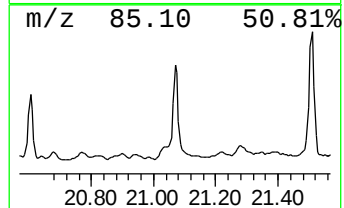
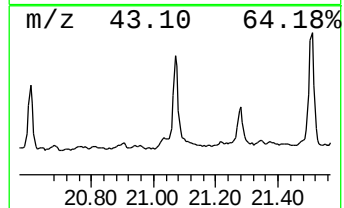
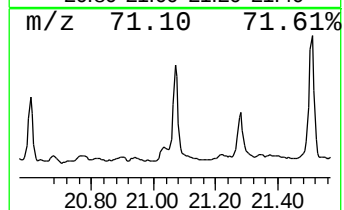
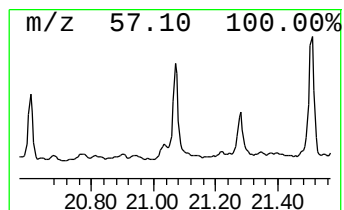
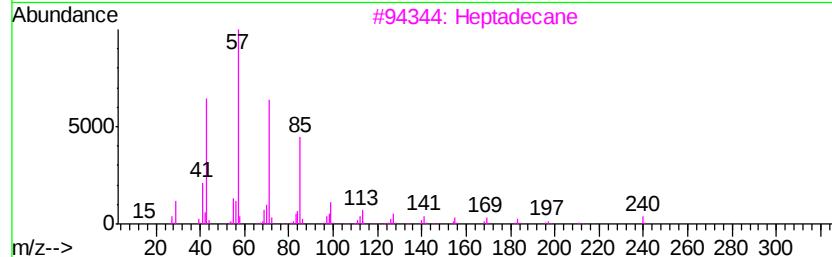
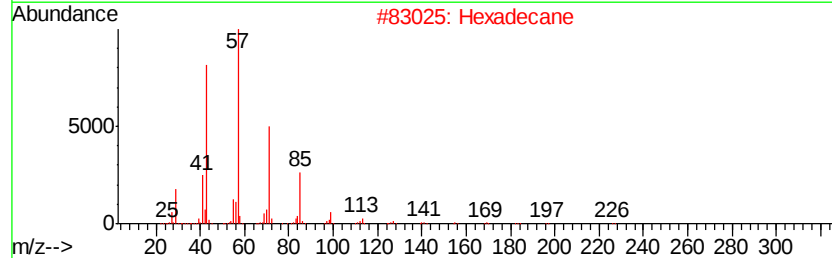
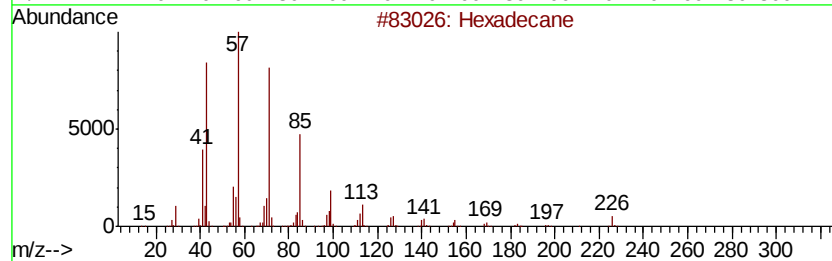
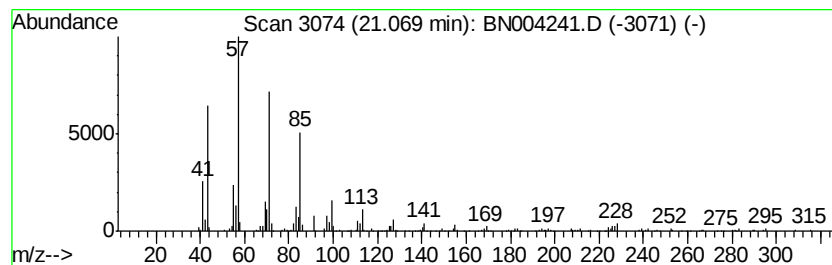
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.57 ng/ul	259315	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	96
2			Hexadecane	226	C16H34	000544-76-3	95
3			Heptadecane	240	C17H36	000629-78-7	94
4			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
5			Hexadecane	226	C16H34	000544-76-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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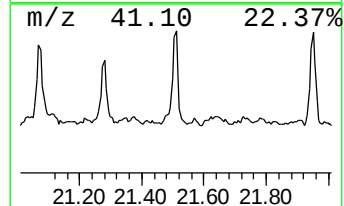
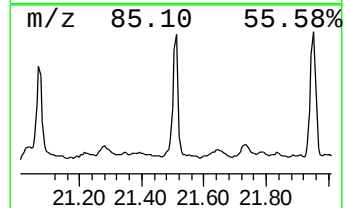
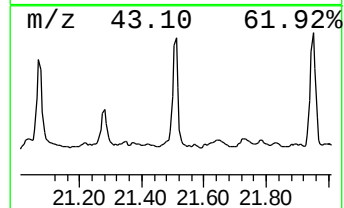
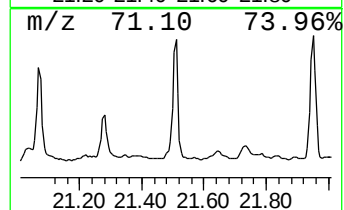
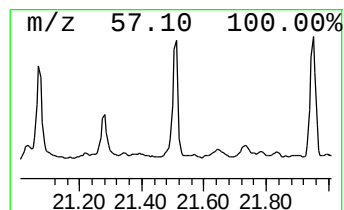
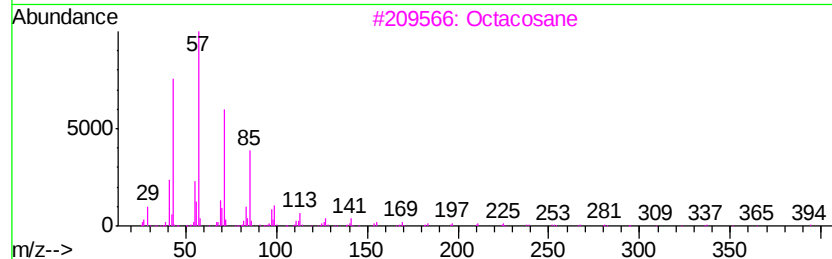
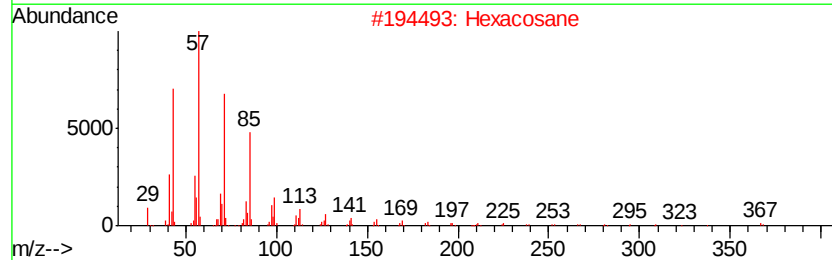
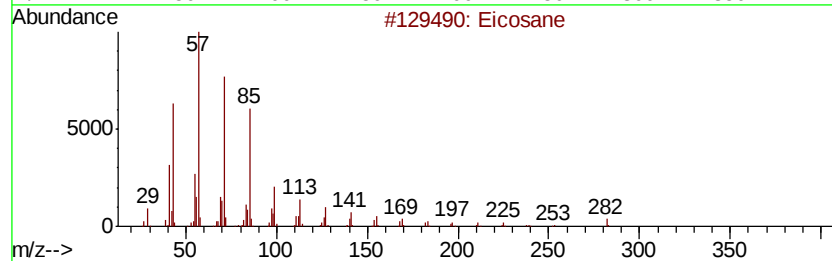
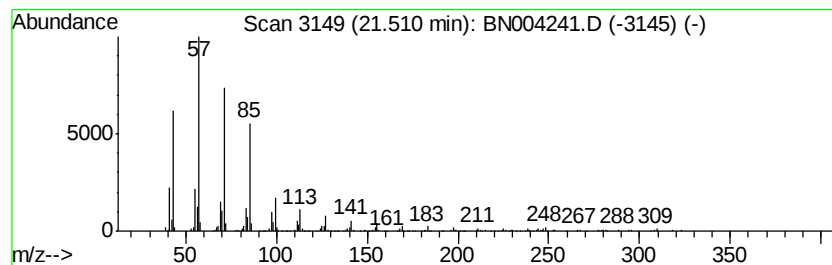
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	7.10 ng/ul	330414	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	96
2			Hexacosane	366	C26H54	000630-01-3	94
3			Octacosane	394	C28H58	000630-02-4	91
4			Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
5			Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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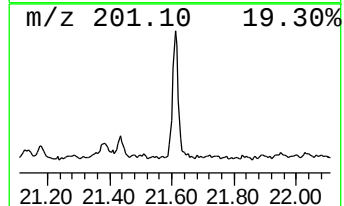
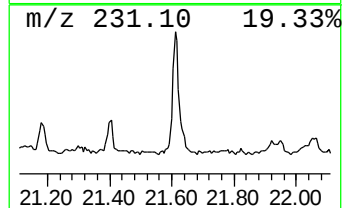
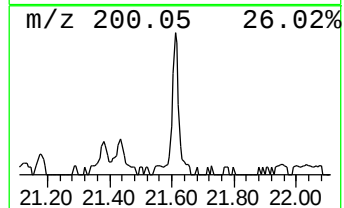
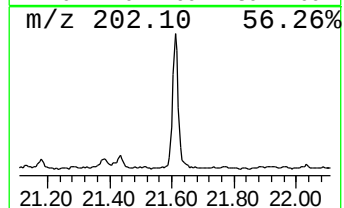
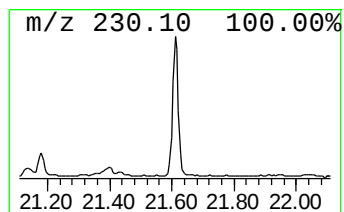
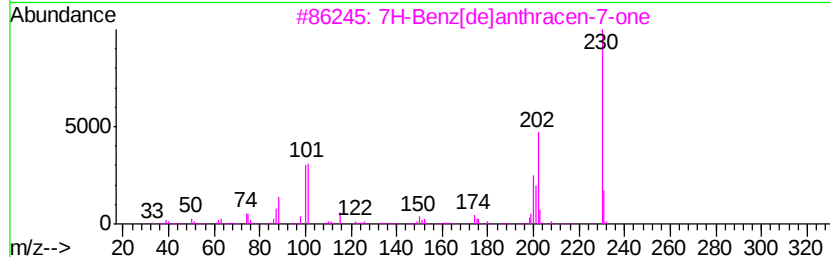
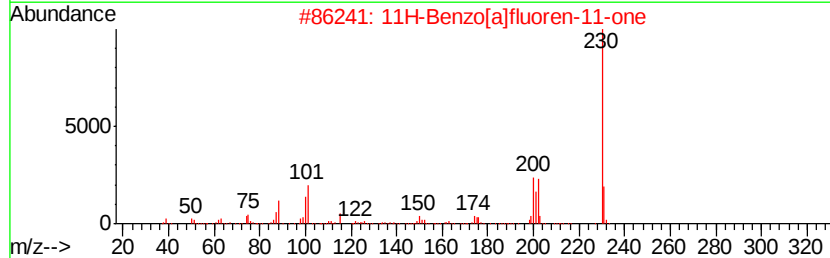
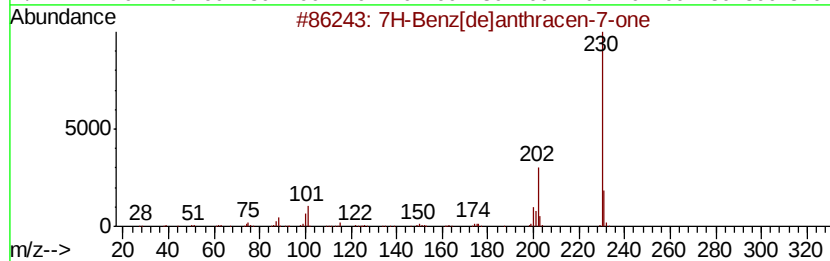
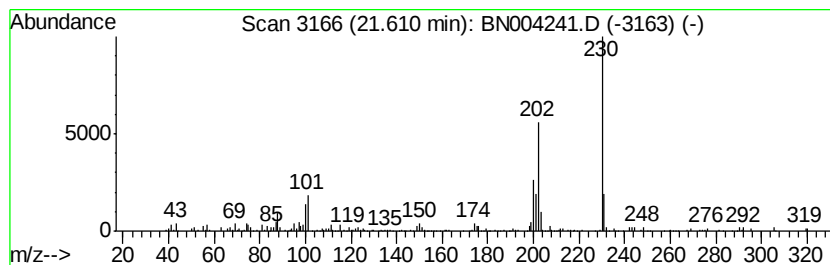
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 7H-Benz[de]anthracen-7-one Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.61	2.34 ng/ul	108903	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	97
2		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	95
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

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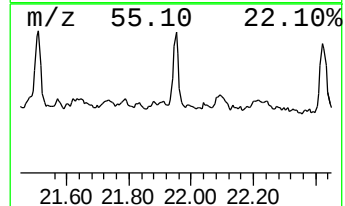
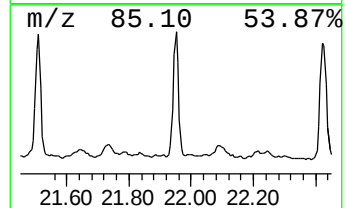
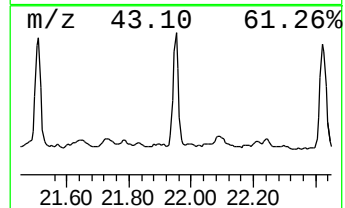
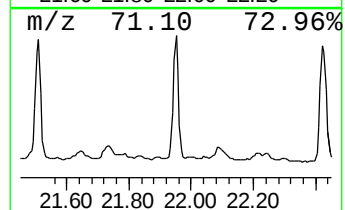
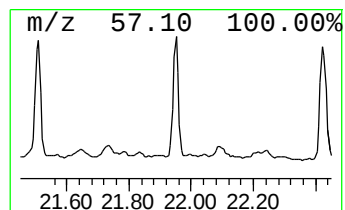
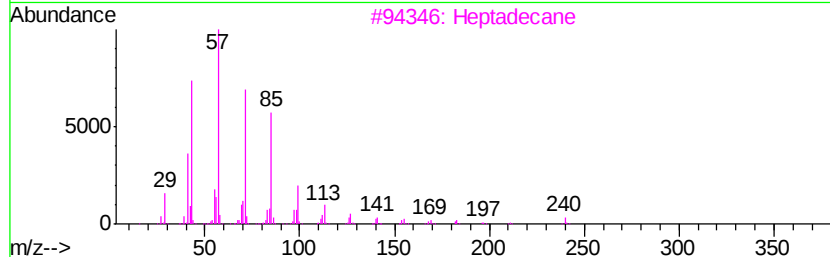
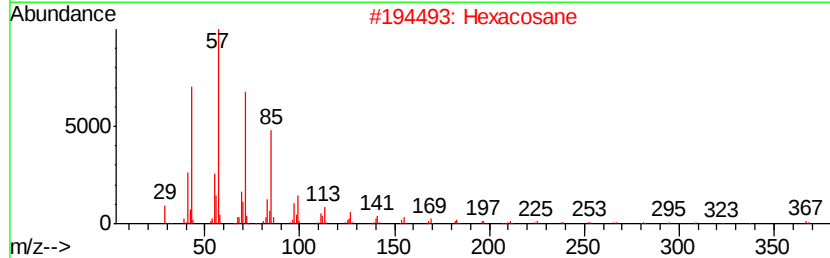
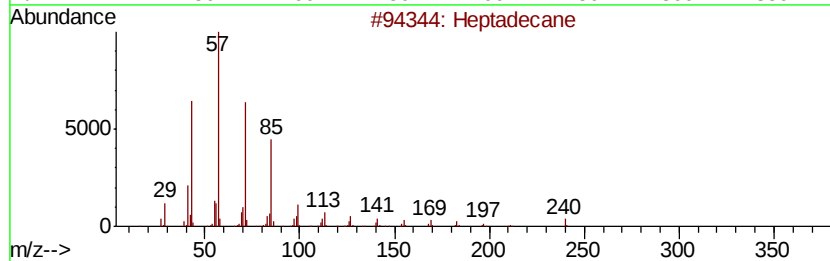
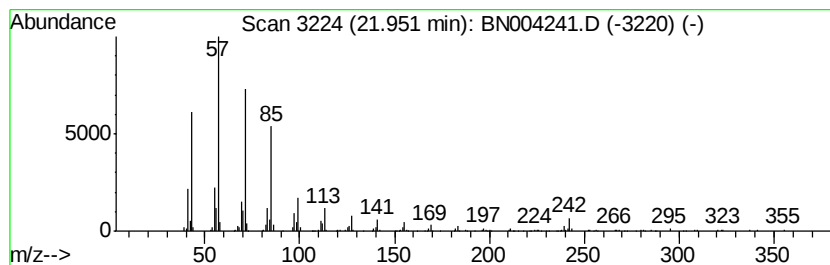
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.95	7.84 ng/ul	364923	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Hexacosane	366	C26H54	000630-01-3	93
3		Heptadecane	240	C17H36	000629-78-7	93
4		Octacosane	394	C28H58	000630-02-4	91
5		Tetracosane	338	C24H50	000646-31-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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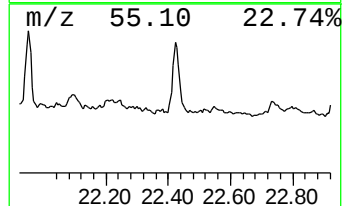
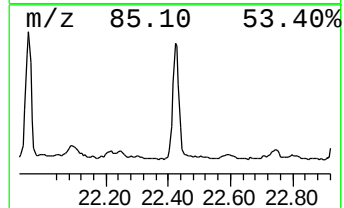
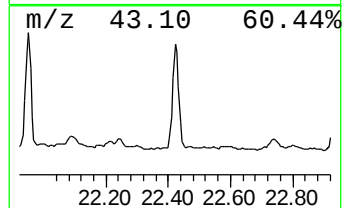
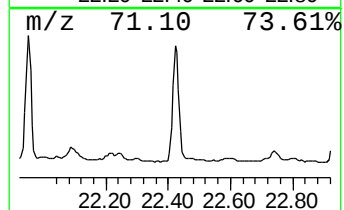
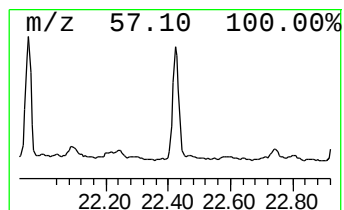
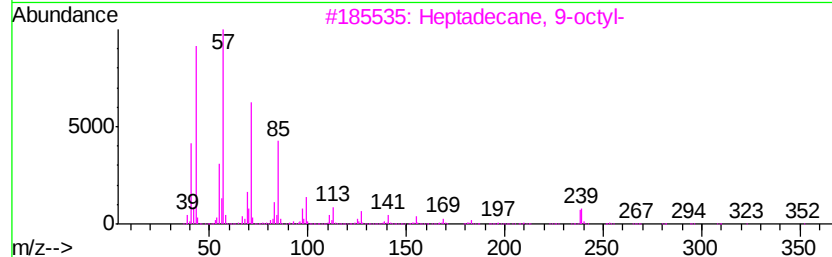
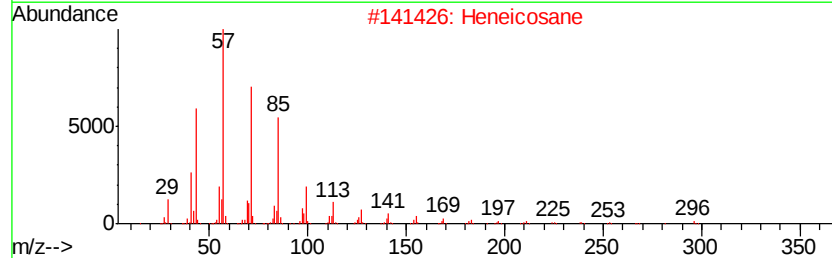
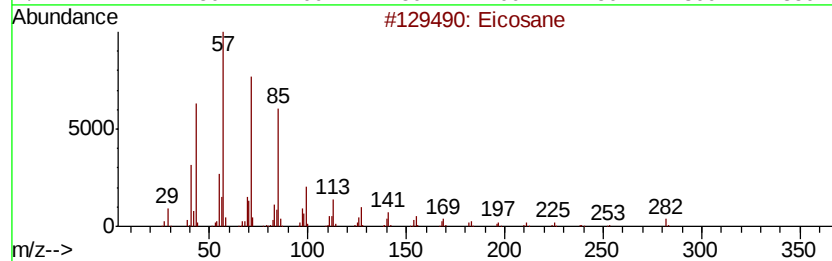
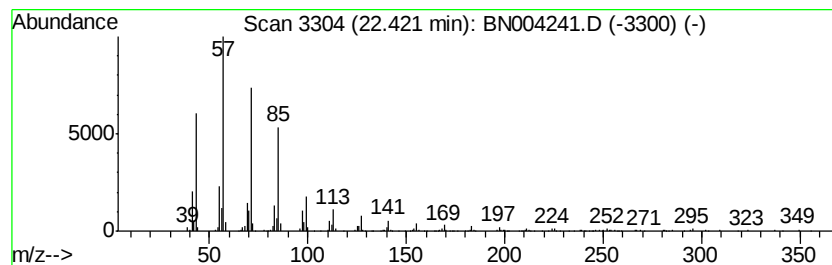
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	8.33 ng/ul	387856	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Heneicosane	296	C21H44	000629-94-7	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Hexacosane	366	C26H54	000630-01-3	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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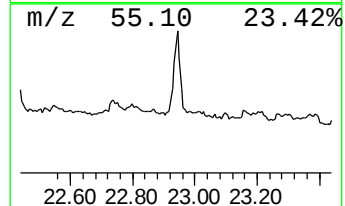
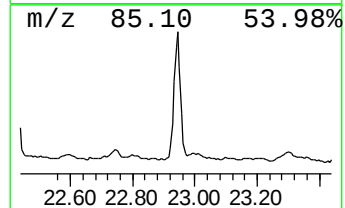
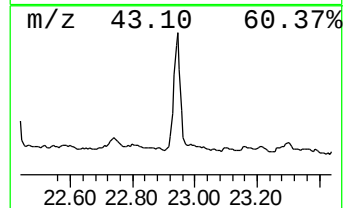
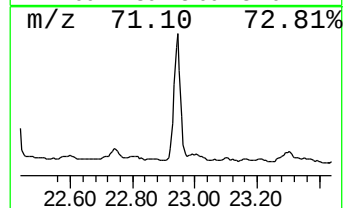
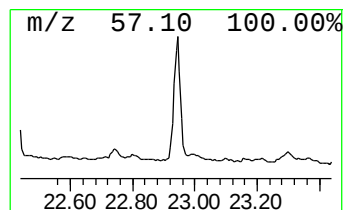
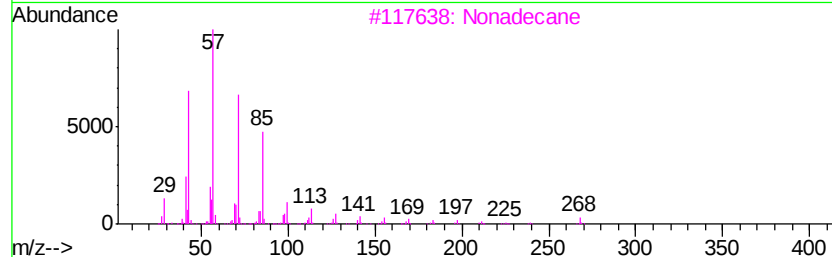
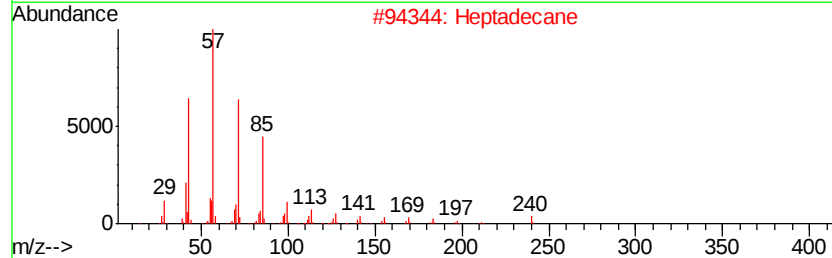
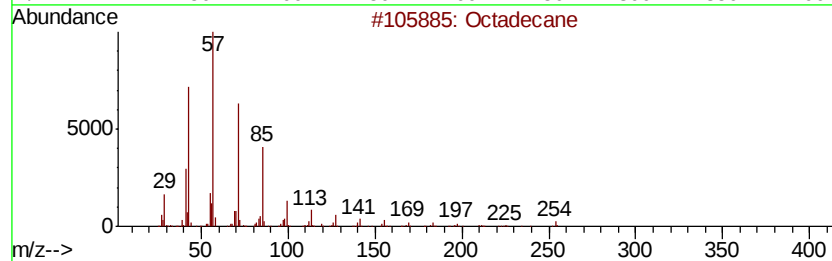
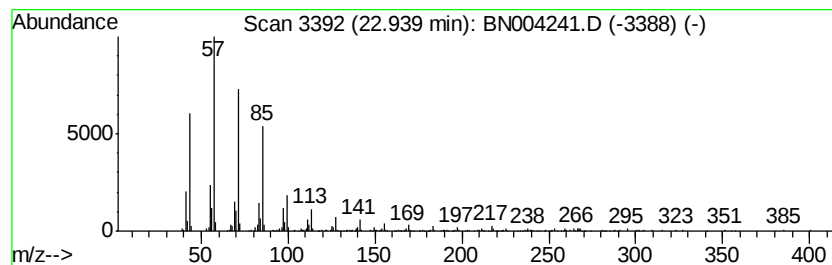
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	10.97 ng/ul	425545	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Heptadecane	240	C17H36	000629-78-7	94
3		Nonadecane	268	C19H40	000629-92-5	94
4		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
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Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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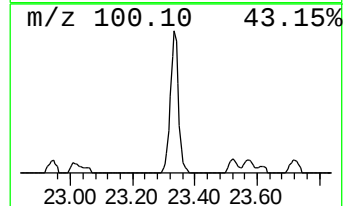
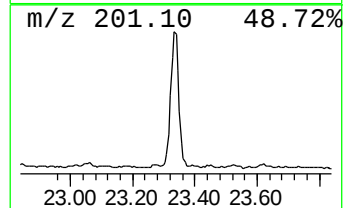
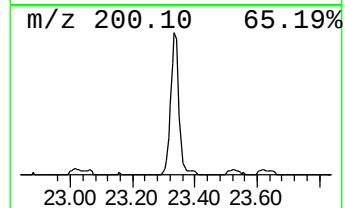
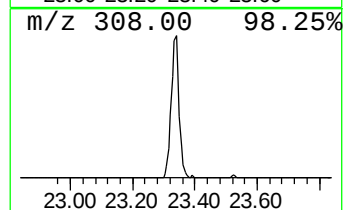
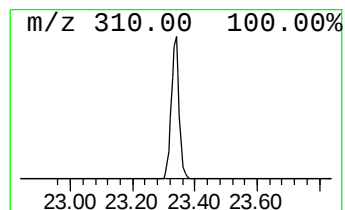
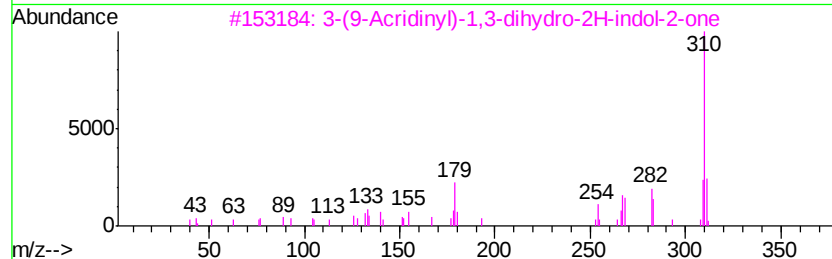
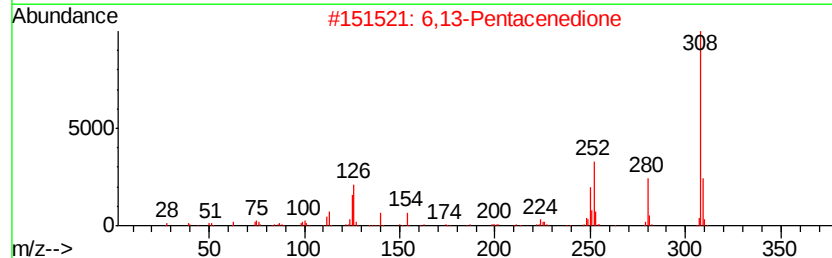
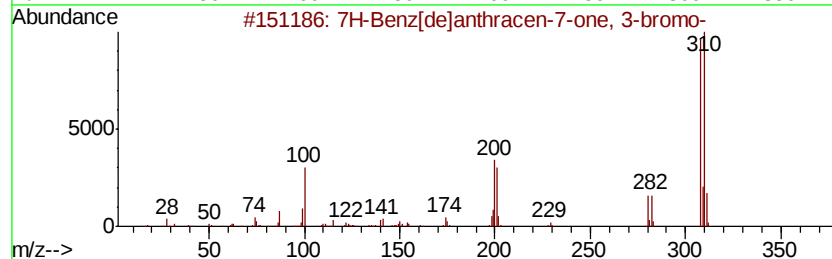
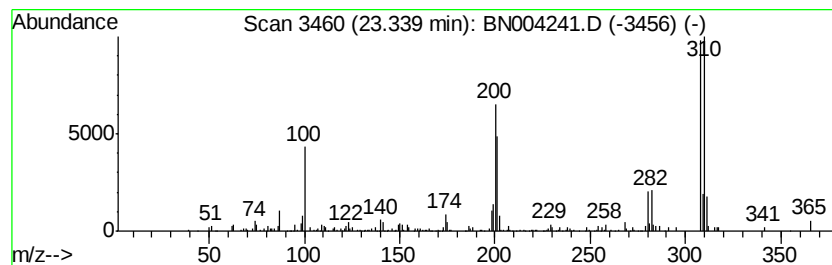
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 7H-Benz[de]anthracen-7-one,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.34	4.45 ng/ul	172553	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7H-Benz[de]anthracen-7-one, 3-br...	308	C17H9BrO	000081-96-9	96
2		6,13-Pentacenedione	308	C22H12O2	003029-32-1	25
3		3-(9-Acridinyl)-1,3-dihydro-2H-i...	310	C21H14N2O	072607-42-2	22
4		Androst-5-ene, 17.beta.-ol, 3.be...	308	C19H29ClO	1000126-90-2	18
5		Thiazolamine, 4-(2-methylimidazo...	308	C15H12N6S	315704-77-9	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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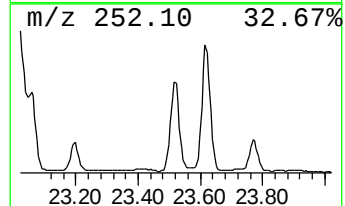
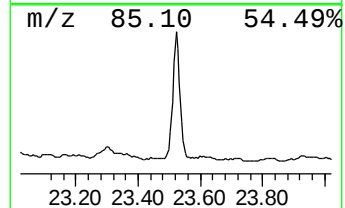
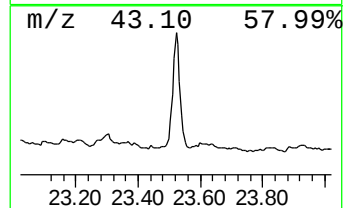
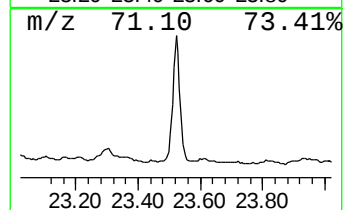
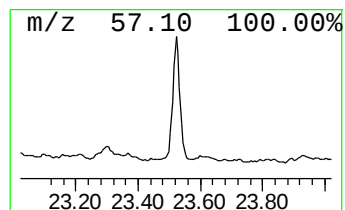
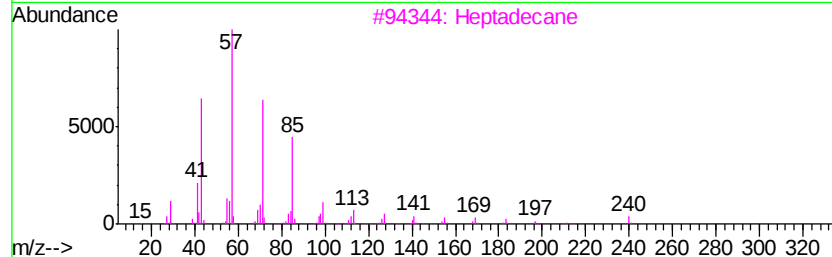
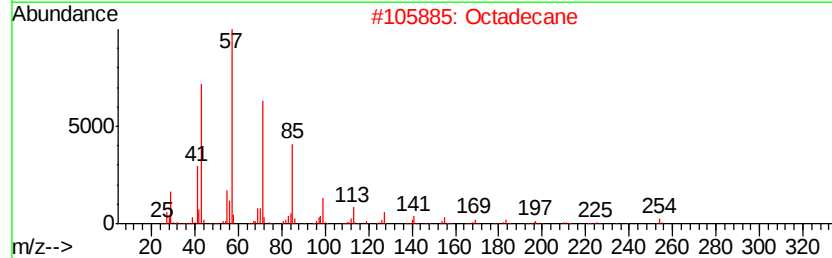
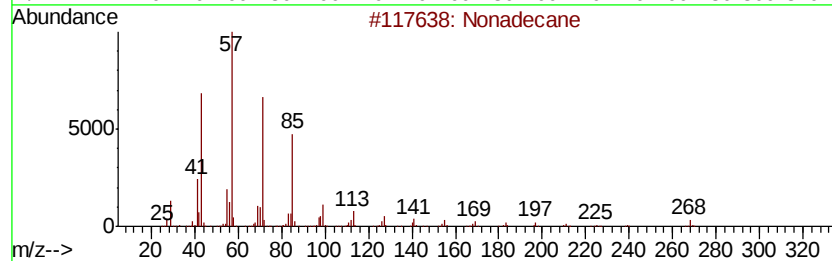
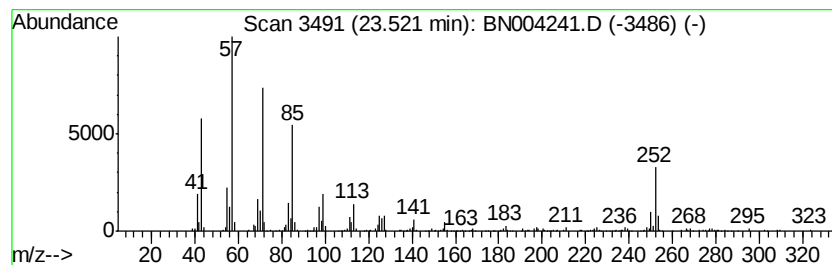
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.52	11.67 ng/ul	452714	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	94
2		Octadecane	254	C18H38	000593-45-3	94
3		Heptadecane	240	C17H36	000629-78-7	93
4		Hexacosane	366	C26H54	000630-01-3	93
5		Heptacosane	380	C27H56	000593-49-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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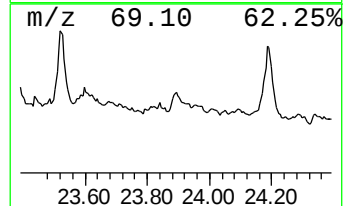
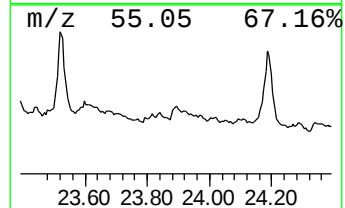
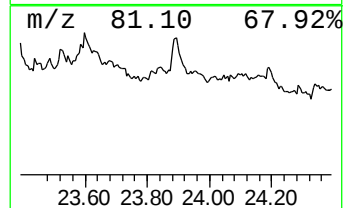
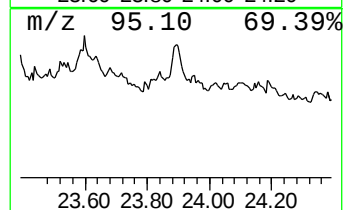
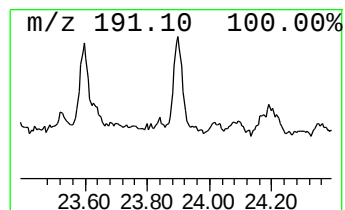
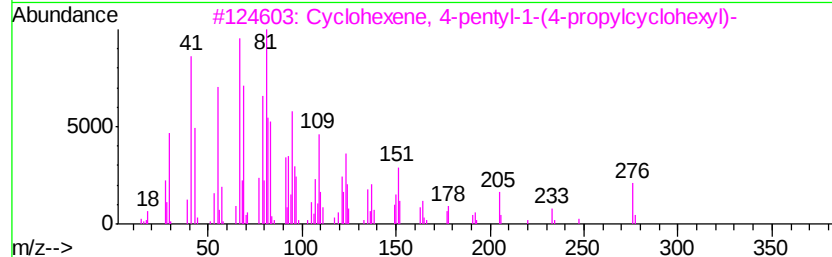
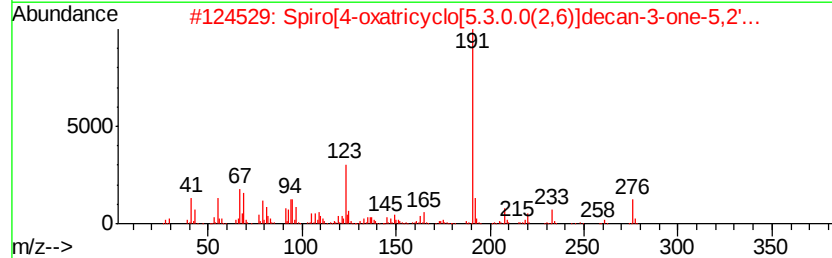
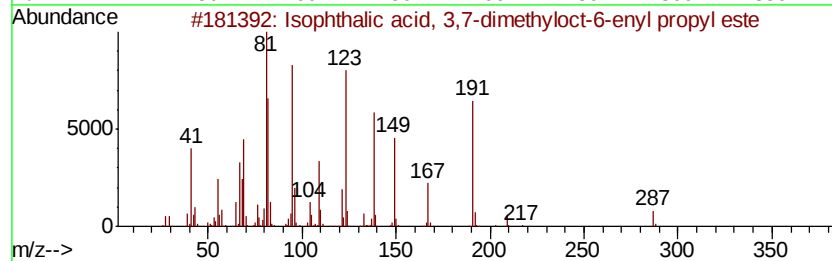
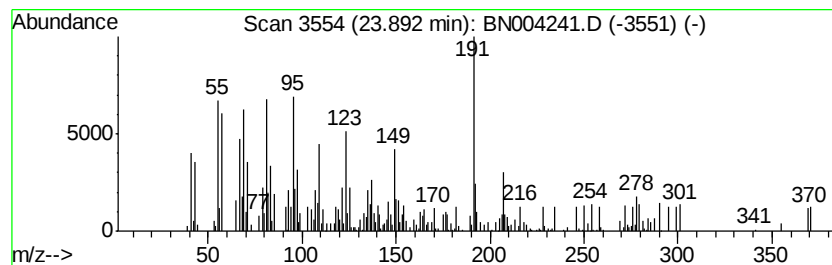
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 34 unknown-04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.89	2.67 ng/ul	103610	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isophthalic acid, 3,7-dimethyloc...	346	C21H30O4	1000356-73-6	47
2		Spiro[4-oxatricyclo[5.3.0.0(2,6)...	276	C18H28O2	1000156-82-9	30
3		Cyclohexene, 4-pentyl-1-(4-propyl...	276	C20H36	108067-17-0	30
4		Decahydro-8a-ethyl-1,1,4a,6-tetr...	222	C16H30	1000100-23-6	27
5		2-(4a,8-Dimethyl-6-oxo-1,2,3,4,4...	234	C15H22O2	1000190-21-8	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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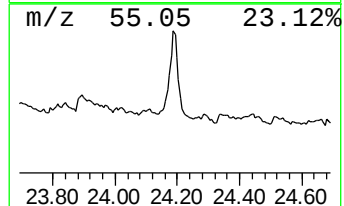
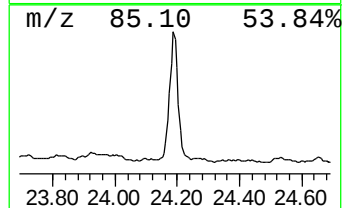
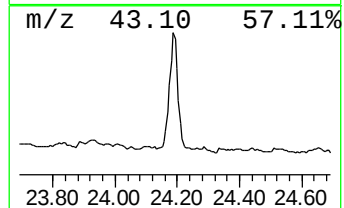
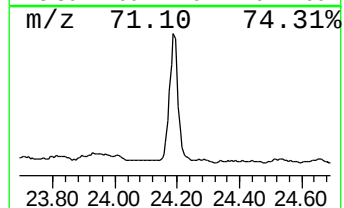
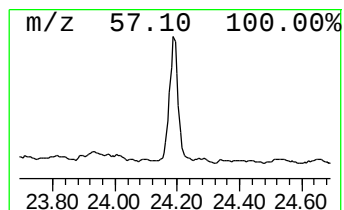
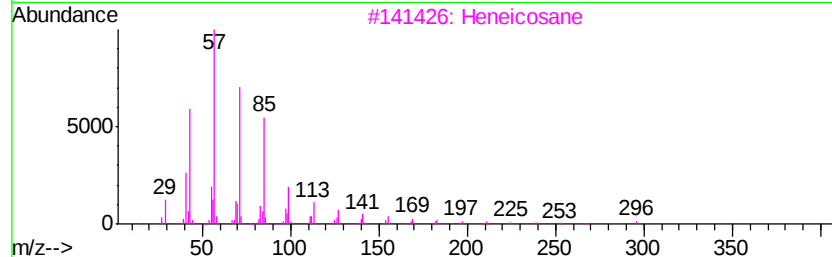
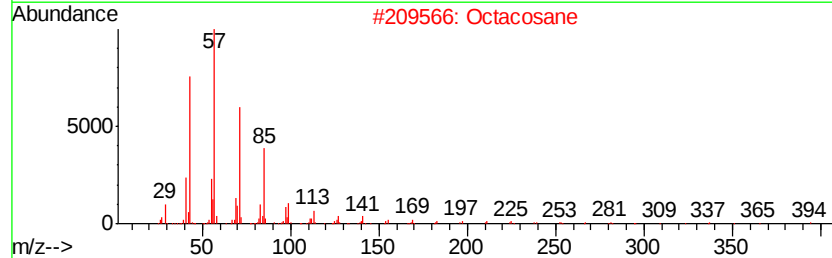
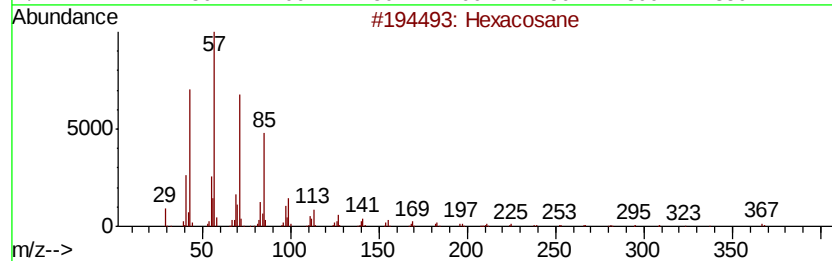
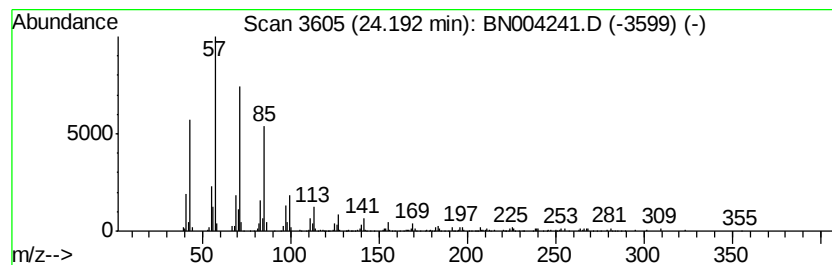
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	11.90 ng/ul	461723	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	94
2			Octacosane	394	C28H58	000630-02-4	91
3			Heneicosane	296	C21H44	000629-94-7	91
4			Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91
5			Tetratetracontane	619	C44H90	007098-22-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
 Data File : BN004241.D
 Acq On : 27 Dec 2018 15:21
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 Sample : J6441-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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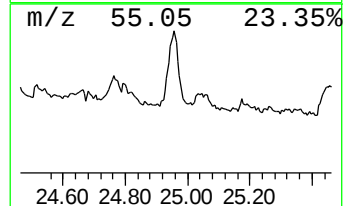
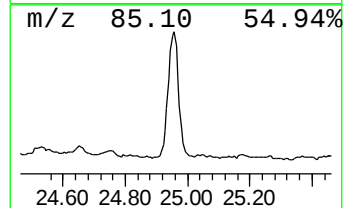
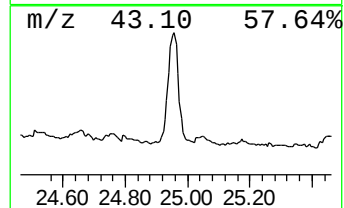
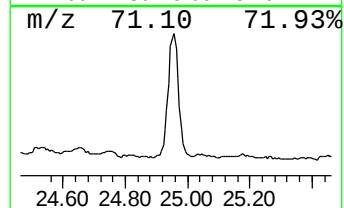
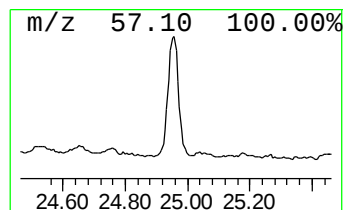
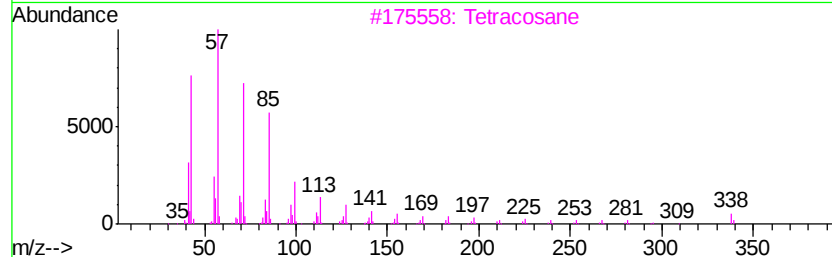
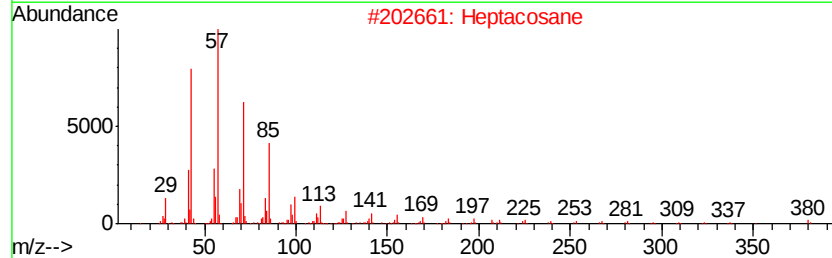
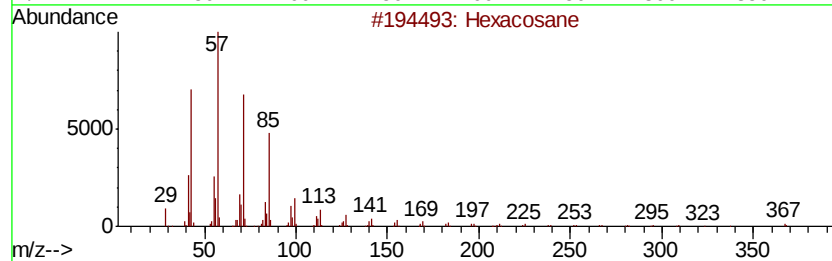
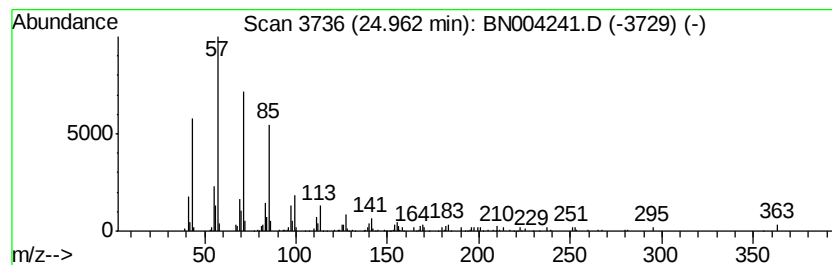
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 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	6.56 ng/ul	254430	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Heptacosane	380	C27H56	000593-49-7	91
3			Tetracosane	338	C24H50	000646-31-1	91
4			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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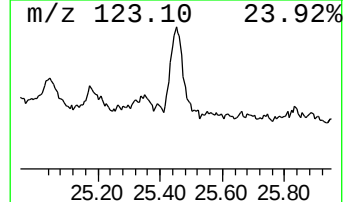
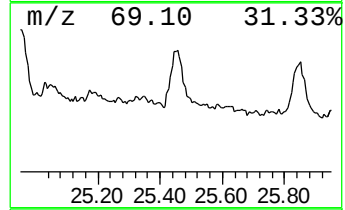
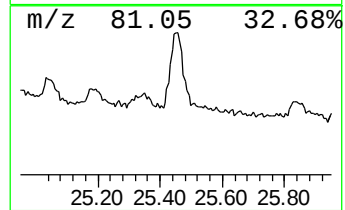
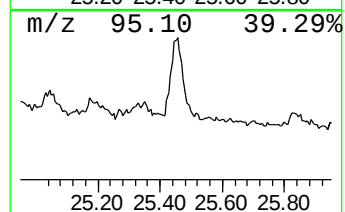
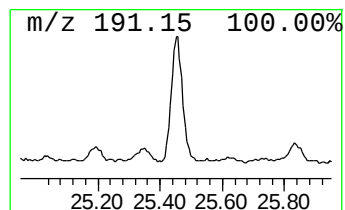
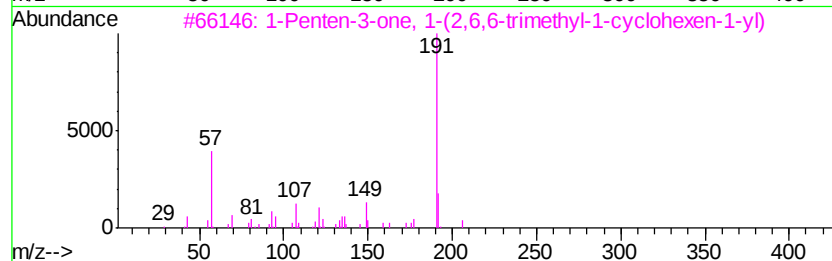
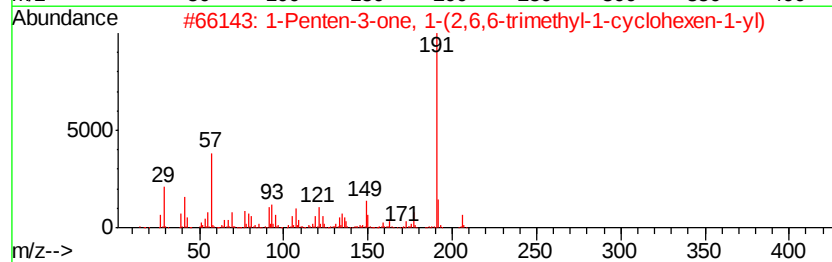
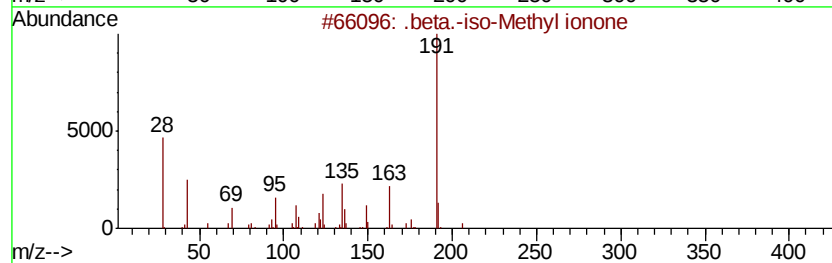
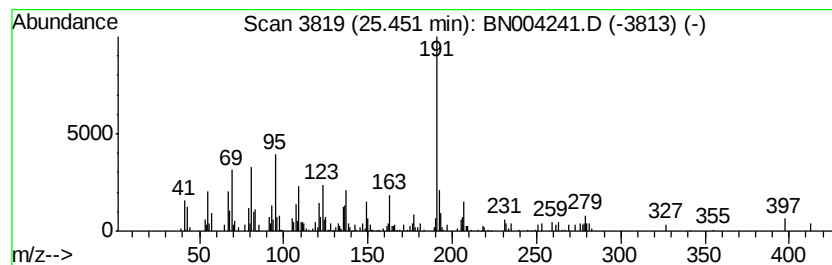
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 .beta.-iso-Methyl ionone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.45	6.83 ng/ul	264982	Perylene-d12	23.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	58
2		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	50
4		3-Buten-2-one, 4-(2,5,6,6-tetram...	206	C14H22O	000079-70-9	38
5		2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF025

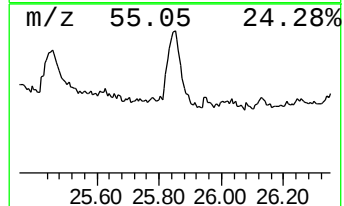
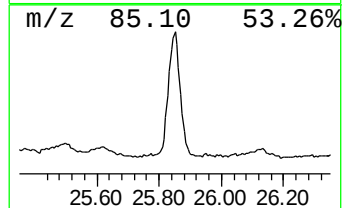
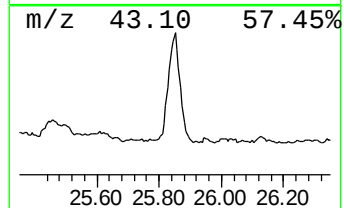
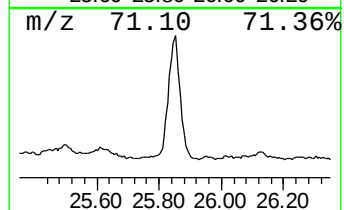
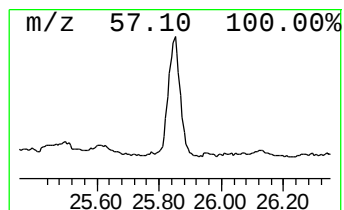
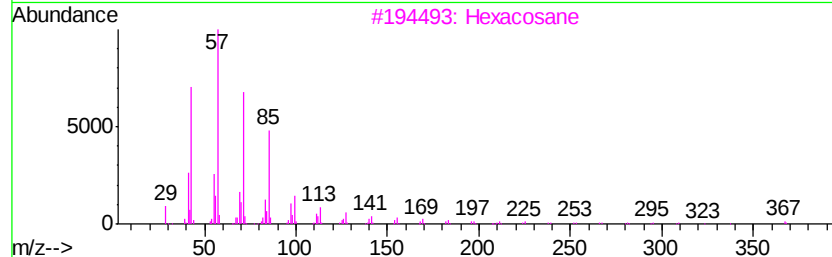
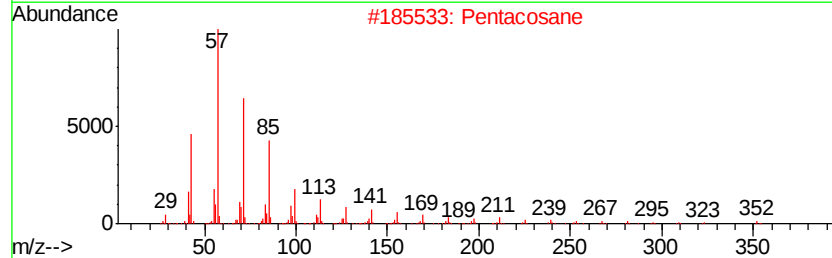
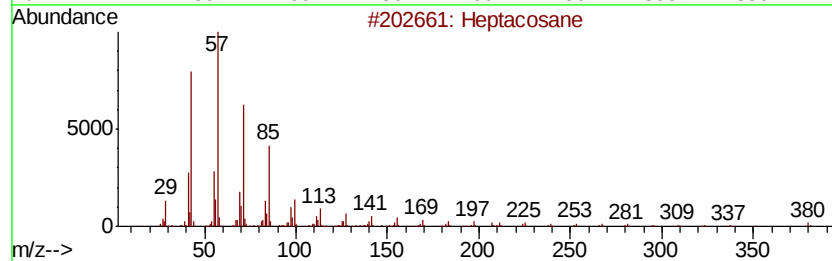
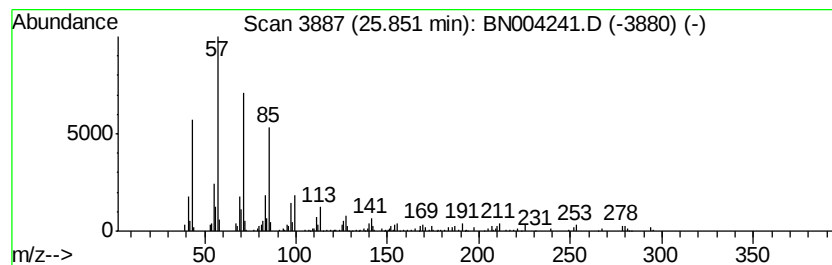
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	7.88 ng/ul	305856	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	91
2			Pentacosane	352	C25H52	000629-99-2	91
3			Hexacosane	366	C26H54	000630-01-3	90
4			2-methyloctacosane	408	C29H60	1000376-72-8	90
5			Heptadecane	240	C17H36	000629-78-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004241.D
Acq On : 27 Dec 2018 15:21
Operator : JU/SJ
Sample : J6441-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BF025

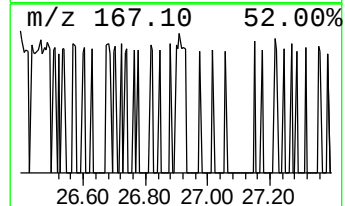
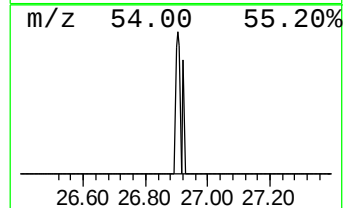
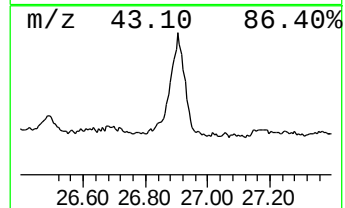
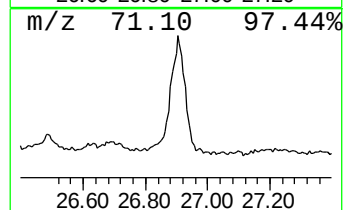
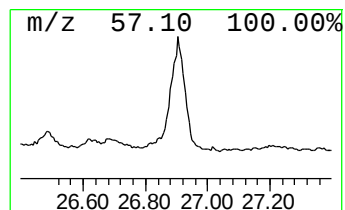
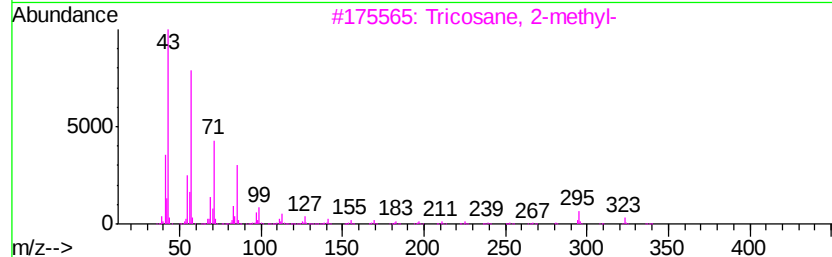
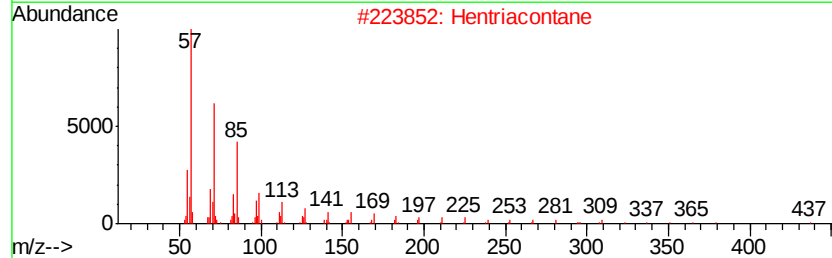
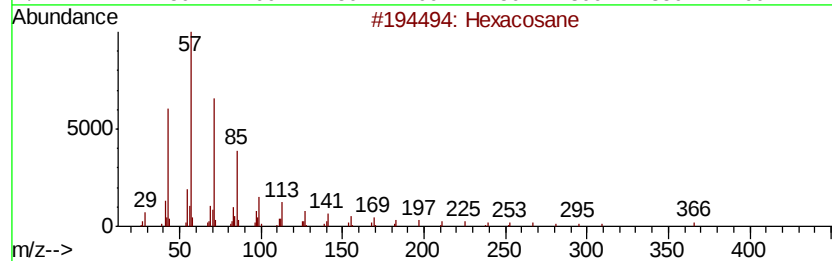
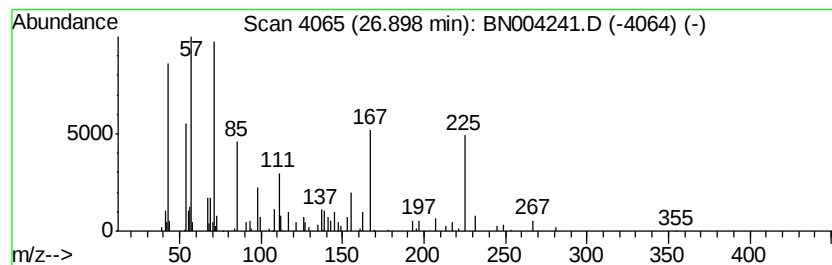
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.90	3.68 ng/ul	142810	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	38
2			Hentriacontane	437	C31H64	000630-04-6	38
3			Tricosane, 2-methyl-	338	C24H50	001928-30-9	38
4			Heptadecane, 3-methyl-	254	C18H38	006418-44-6	35
5			Pentacosane	352	C25H52	000629-99-2	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004241.D
 Acq On : 27 Dec 2018 15:21
 Operator : JU/SJ
 Sample : J6441-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BF025

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	6.35	2.0	ng/ul	23697	1	7.82	232504	20.0
(DEL) Alkane: Cyc...	6.43	3.6	ng/ul	41452	1	7.82	232504	20.0
(DEL) Alkane: Str...	6.78	3.0	ng/ul	34466	1	7.82	232504	20.0
(DEL) Alkane: Str...	7.41	4.4	ng/ul	51605	1	7.82	232504	20.0
Oxalic acid, 2-et...	7.76	4.5	ng/ul	52671	1	7.82	232504	20.0
Benzene, 1,2,3-tr...	7.92	3.7	ng/ul	43400	1	7.82	232504	20.0
(DEL) Alkane: Cyc...	8.08	2.4	ng/ul	27501	1	7.82	232504	20.0
(DEL) Alkane: Str...	8.31	3.6	ng/ul	41754	1	7.82	232504	20.0
(DEL) Alkane: Str...	8.36	2.7	ng/ul	31868	1	7.82	232504	20.0
(DEL) Alkane: Str...	8.44	4.6	ng/ul	53232	1	7.82	232504	20.0
1,1'-Bicyclopentyl	8.63	3.1	ng/ul	36669	1	7.82	232504	20.0
Benzene, 4-ethyl-...	8.90	6.1	ng/ul	70809	1	7.82	232504	20.0
unknown-01	11.35	3.3	ng/ul	56801	2	10.62	344602	20.0
unknown-02	11.60	7.6	ng/ul	131711	2	10.62	344602	20.0
(DEL) Alkane: Str...	12.60	3.8	ng/ul	93653	3	14.46	497589	20.0
unknown-03	12.65	8.6	ng/ul	212709	3	14.46	497589	20.0
(DEL) Alkane: Str...	12.90	9.1	ng/ul	225717	3	14.46	497589	20.0
(DEL) Alkane: Str...	13.25	2.9	ng/ul	71291	3	14.46	497589	20.0
(DEL) Alkane: Str...	16.16	4.2	ng/ul	141192	4	17.20	670940	20.0
4H-Cyclopenta[def...	18.27	2.1	ng/ul	70986	4	17.20	670940	20.0
9,10-Anthracenedione	18.63	2.8	ng/ul	92756	4	17.20	670940	20.0
4b,8-Dimethyl-2-i...	18.81	2.1	ng/ul	72201	4	17.20	670940	20.0
(DEL) Alkane: Str...	20.11	3.8	ng/ul	175887	5	21.40	931122	20.0
(DEL) Alkane: Str...	20.60	3.0	ng/ul	139277	5	21.40	931122	20.0
9,10-Anthracenedi...	20.77	8.4	ng/ul	391369	5	21.40	931122	20.0
(DEL) Alkane: Str...	21.07	5.6	ng/ul	259315	5	21.40	931122	20.0
(DEL) Alkane: Str...	21.51	7.1	ng/ul	330414	5	21.40	931122	20.0
7H-Benz[de]anthra...	21.61	2.3	ng/ul	108903	5	21.40	931122	20.0
(DEL) Alkane: Str...	21.95	7.8	ng/ul	364923	5	21.40	931122	20.0
(DEL) Alkane: Str...	22.42	8.3	ng/ul	387856	5	21.40	931122	20.0
(DEL) Alkane: Str...	22.94	11.0	ng/ul	425545	6	23.72	776154	20.0
7H-Benz[de]anthra...	23.34	4.5	ng/ul	172553	6	23.72	776154	20.0
(DEL) Alkane: Str...	23.52	11.7	ng/ul	452714	6	23.72	776154	20.0
unknown-04	23.89	2.7	ng/ul	103610	6	23.72	776154	20.0
(DEL) Alkane: Str...	24.19	11.9	ng/ul	461723	6	23.72	776154	20.0
(DEL) Alkane: Str...	24.96	6.6	ng/ul	254430	6	23.72	776154	20.0
.beta.-iso-Methyl...	25.45	6.8	ng/ul	264982	6	23.72	776154	20.0
(DEL) Alkane: Str...	25.85	7.9	ng/ul	305856	6	23.72	776154	20.0
(DEL) Alkane: Str...	26.90	3.7	ng/ul	142810	6	23.72	776154	20.0