

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004244.D
 Acq On : 27 Dec 2018 17:05
 Operator : JU/SJ
 Sample : J6489-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F86

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	6.987	675	680	691	rVB2	88338	162319	7.92%	0.574%
2	7.158	703	709	719	rBB	78075	123107	6.00%	0.435%
3	7.352	736	742	749	rVB	97547	150710	7.35%	0.533%
4	7.822	816	822	832	rBB	118550	185061	9.03%	0.654%
5	8.528	936	942	951	rBB	97820	161632	7.88%	0.571%
6	8.993	1014	1021	1029	rVB	102462	166205	8.11%	0.588%
7	9.705	1136	1142	1149	rBV2	91318	153787	7.50%	0.544%
8	10.240	1228	1233	1240	rBV	120280	193905	9.46%	0.685%
9	10.616	1291	1297	1303	rVB	190517	305950	14.92%	1.082%
10	10.734	1309	1317	1319	rBV	60387	110618	5.40%	0.391%
11	10.763	1319	1322	1327	rVB	90486	133859	6.53%	0.473%
12	11.599	1455	1464	1468	rBV	55538	92311	4.50%	0.326%
13	12.957	1689	1695	1701	rBV	89776	133251	6.50%	0.471%
14	13.634	1804	1810	1815	rBV	93878	143629	7.01%	0.508%
15	13.775	1828	1834	1839	rBV	78471	130970	6.39%	0.463%
16	13.863	1845	1849	1853	rVV	254844	366023	17.85%	1.294%
17	13.904	1853	1856	1862	rVB2	155106	214364	10.46%	0.758%
18	14.157	1893	1899	1909	rVB	297004	495867	24.19%	1.753%
19	14.463	1945	1951	1958	rVB2	285036	462770	22.57%	1.636%
20	14.663	1979	1985	1987	rBV	85955	157779	7.70%	0.558%
21	14.851	2008	2017	2024	rVB4	77386	189724	9.25%	0.671%
22	14.928	2024	2030	2039	rBV3	66560	148009	7.22%	0.523%
23	15.122	2059	2063	2067	rBV	63597	81541	3.98%	0.288%
24	15.240	2076	2083	2087	rBV2	53508	122248	5.96%	0.432%
25	15.451	2115	2119	2124	rVB	369647	513998	25.07%	1.817%
26	15.504	2124	2128	2132	rBV	72672	108612	5.30%	0.384%
27	15.598	2139	2144	2147	rBV2	97082	121923	5.95%	0.431%
28	15.675	2152	2157	2161	rBV3	140069	215437	10.51%	0.762%
29	16.157	2233	2239	2245	rBV2	183731	315073	15.37%	1.114%
30	16.487	2288	2295	2297	rBV2	98148	175644	8.57%	0.621%
31	16.557	2303	2307	2318	rVB2	152539	250137	12.20%	0.884%
32	16.775	2340	2344	2351	rVB3	60539	116304	5.67%	0.411%
33	16.975	2374	2378	2382	rVV	138496	209785	10.23%	0.742%
34	17.028	2382	2387	2394	rVB	257050	368480	17.97%	1.303%

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35	17.210	2412	2418	2421	rVV	403227	589881	28.77%	2.085%
36	17.257	2421	2426	2430	rVB	1499374	2050188	100.00%	7.248%
37	17.310	2430	2435	2439	rBV	397350	544681	26.57%	1.926%
38	17.398	2444	2450	2454	rVV2	100248	217047	10.59%	0.767%
39	17.439	2454	2457	2460	rVV2	78133	109567	5.34%	0.387%
40	17.487	2460	2465	2470	rVB2	97021	177726	8.67%	0.628%
41	17.787	2511	2516	2528	rVB	290099	446302	21.77%	1.578%
42	17.928	2535	2540	2546	rBV	149027	297129	14.49%	1.050%
43	18.081	2561	2566	2570	rBV	804739	1148276	56.01%	4.059%
44	18.134	2570	2575	2581	rVB	988602	1384839	67.55%	4.896%
45	18.210	2582	2588	2593	rBV2	120583	208170	10.15%	0.736%
46	18.269	2593	2598	2602	rBV3	185314	305035	14.88%	1.078%
47	18.316	2602	2606	2611	rVB	192998	284148	13.86%	1.004%
48	18.428	2621	2625	2629	rBV3	54920	87740	4.28%	0.310%
49	18.475	2629	2633	2638	rVB2	91807	141085	6.88%	0.499%
50	18.581	2646	2651	2655	rBV2	236292	359963	17.56%	1.273%
51	18.704	2668	2672	2676	rBV	85337	118431	5.78%	0.419%
52	18.828	2685	2693	2697	rVV	261723	431900	21.07%	1.527%
53	18.875	2697	2701	2705	rVV	243934	344858	16.82%	1.219%
54	18.916	2705	2708	2712	rVB	168829	203554	9.93%	0.720%
55	18.998	2717	2722	2726	rBV	237767	381294	18.60%	1.348%
56	19.057	2726	2732	2735	rVV4	98027	240322	11.72%	0.850%
57	19.092	2735	2738	2741	rVV	93334	118453	5.78%	0.419%
58	19.134	2741	2745	2751	rVV2	124773	229223	11.18%	0.810%
59	19.186	2751	2754	2762	rVV5	69533	151344	7.38%	0.535%
60	19.263	2762	2767	2773	rVV2	291744	439306	21.43%	1.553%
61	19.328	2773	2778	2781	rVV2	103675	158493	7.73%	0.560%
62	19.357	2781	2783	2789	rVB	85479	111038	5.42%	0.393%
63	19.504	2803	2808	2811	rBV4	74107	131297	6.40%	0.464%
64	19.539	2811	2814	2818	rVB2	61439	77908	3.80%	0.275%
65	19.604	2820	2825	2828	rBV	535424	805431	39.29%	2.847%
66	19.633	2828	2830	2837	rVB	498306	635046	30.98%	2.245%
67	19.698	2837	2841	2846	rVB	89219	130435	6.36%	0.461%
68	19.775	2846	2854	2858	rBV5	40792	101833	4.97%	0.360%
69	19.822	2858	2862	2866	rBV4	53470	89937	4.39%	0.318%
70	19.939	2878	2882	2884	rBV2	55898	81215	3.96%	0.287%
71	19.963	2884	2886	2892	rVB4	87831	127705	6.23%	0.451%

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72	20.128	2905	2914	2918	rVB	129806	229775	11.21%	0.812%
73	20.228	2927	2931	2934	rVB	94072	112664	5.50%	0.398%
74	20.286	2936	2941	2945	rVB2	251446	317598	15.49%	1.123%
75	20.428	2960	2965	2968	rBV2	115893	166943	8.14%	0.590%
76	20.475	2969	2973	2976	rVB	83393	116288	5.67%	0.411%
77	20.722	3010	3015	3017	rVV3	75816	119192	5.81%	0.421%
78	20.763	3018	3022	3025	rVV2	118283	193994	9.46%	0.686%
79	20.828	3029	3033	3038	rBV	54485	116424	5.68%	0.412%
80	20.892	3039	3044	3048	rVB3	55501	113172	5.52%	0.400%
81	21.045	3066	3070	3072	rVV	139835	190843	9.31%	0.675%
82	21.075	3072	3075	3081	rVB2	126280	179071	8.73%	0.633%
83	21.280	3106	3110	3115	rVB3	54165	94870	4.63%	0.335%
84	21.398	3123	3130	3134	rBV2	722178	1207602	58.90%	4.269%
85	21.433	3134	3136	3145	rVV	315210	433709	21.15%	1.533%
86	21.510	3145	3149	3153	rVB3	132442	174436	8.51%	0.617%
87	21.616	3164	3167	3180	rVB4	57648	127230	6.21%	0.450%
88	21.957	3218	3225	3230	rVV2	243403	482261	23.52%	1.705%
89	22.010	3230	3234	3239	rVV	130953	195469	9.53%	0.691%
90	22.075	3243	3245	3256	rVB5	60467	135010	6.59%	0.477%
91	22.422	3300	3304	3310	rBV	109951	176797	8.62%	0.625%
92	22.945	3387	3393	3398	rBV	179812	293081	14.30%	1.036%
93	23.016	3401	3405	3411	rVB	44395	79663	3.89%	0.282%
94	23.527	3485	3492	3495	rBV2	192229	367541	17.93%	1.299%
95	23.574	3495	3500	3505	rVB	391616	710726	34.67%	2.512%
96	23.721	3518	3525	3533	rBV	403936	800579	39.05%	2.830%
97	24.192	3599	3605	3615	rVB2	153105	357789	17.45%	1.265%
98	24.280	3615	3620	3630	rVB	38527	94117	4.59%	0.333%
99	24.951	3728	3734	3747	rVB2	65229	172552	8.42%	0.610%
100	25.845	3881	3886	3894	rVB	35174	86539	4.22%	0.306%

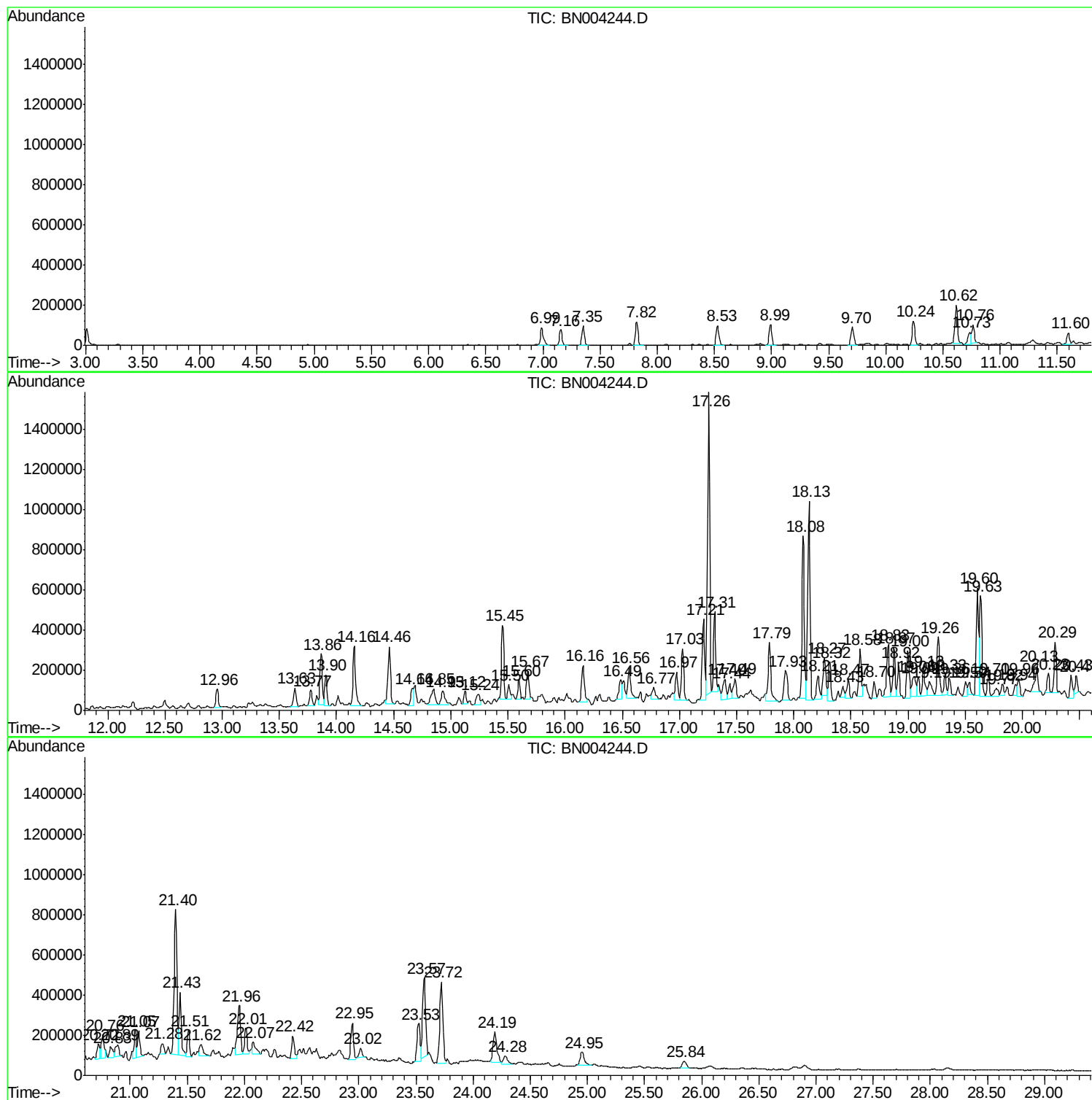
Sum of corrected areas: 28287767

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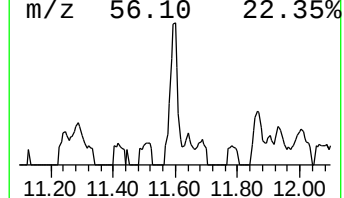
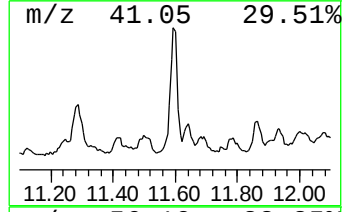
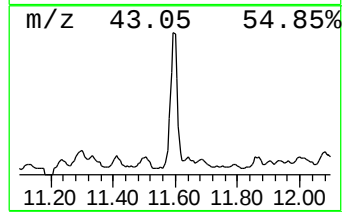
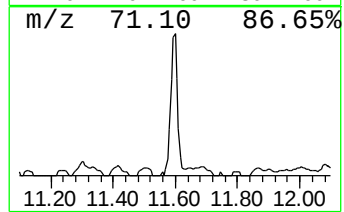
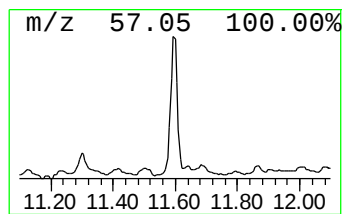
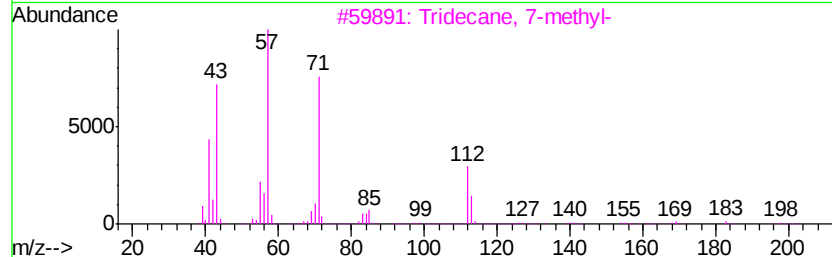
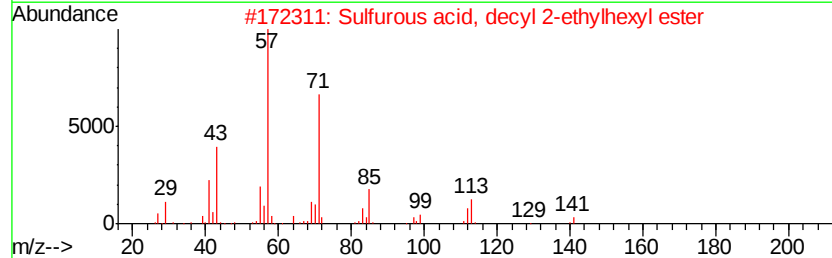
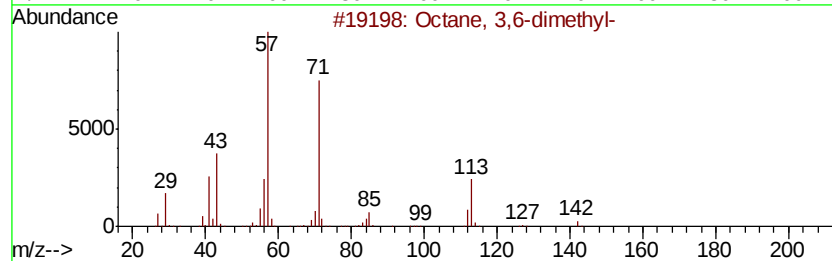
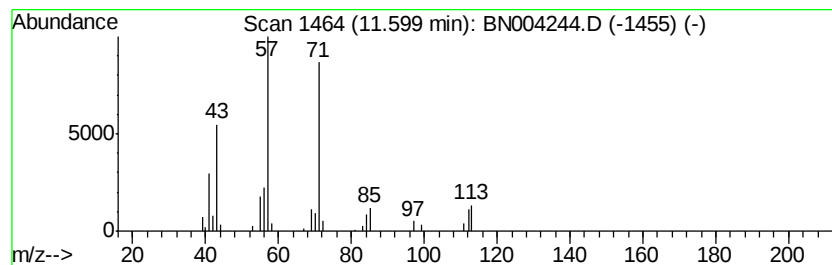
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	6.03 ng/ul	92311	Naphthalene-d8	10.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2			Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	64
3			Tridecane, 7-methyl-	198	C14H30	026730-14-3	64
4			Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	53
5			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



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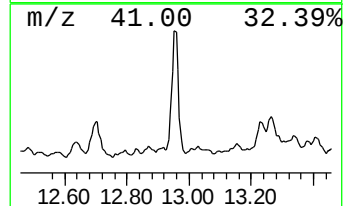
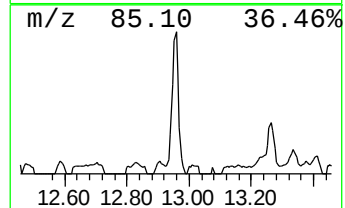
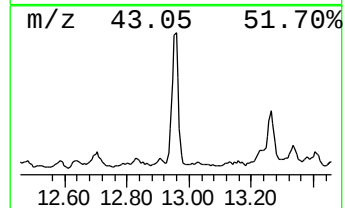
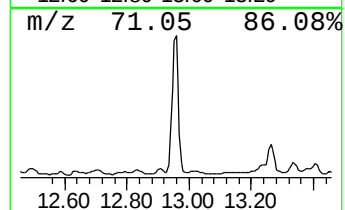
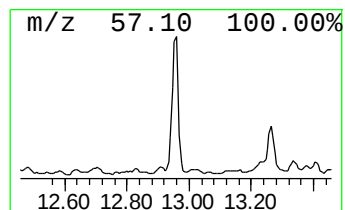
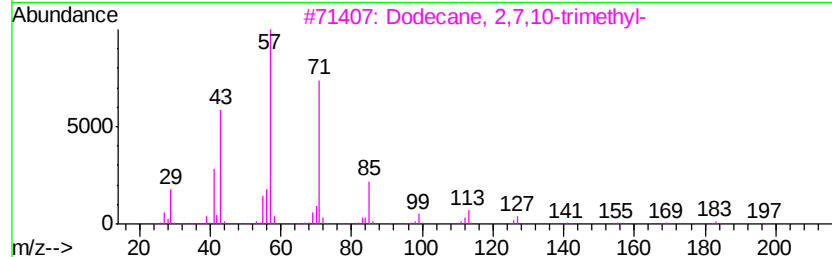
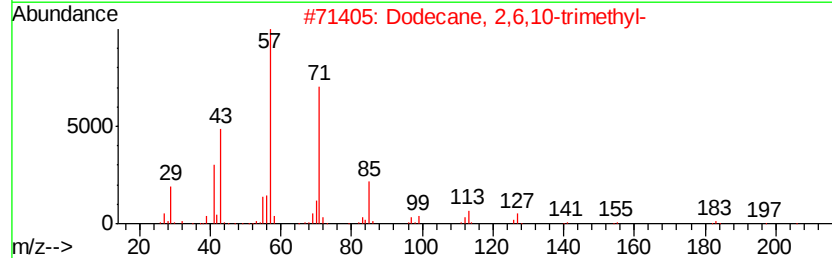
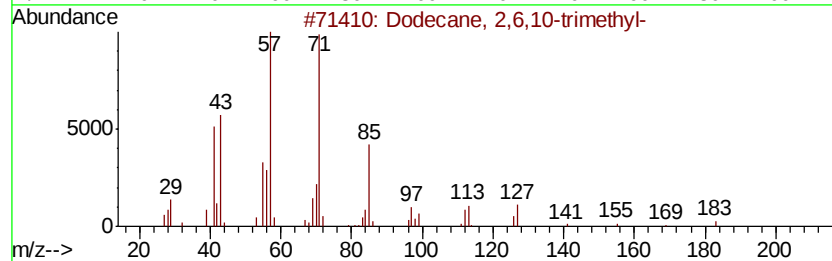
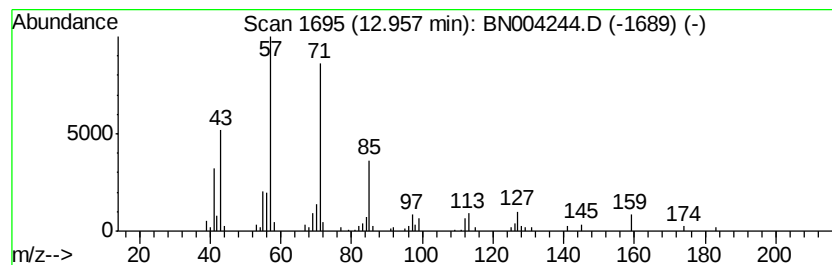
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TIC Library : C:\Database\NIST11.L
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	5.76 ng/ul	133251	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
4		Nonane, 1-iodo-	254	C9H19I	004282-42-2	53
5		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	53



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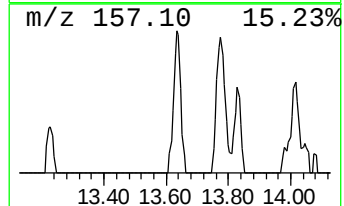
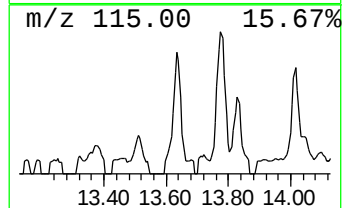
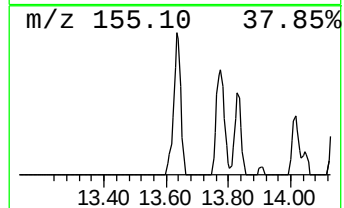
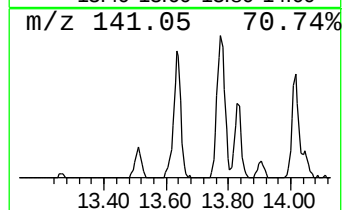
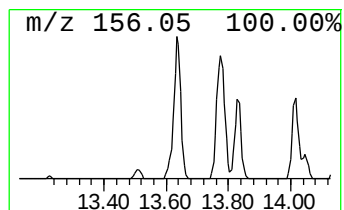
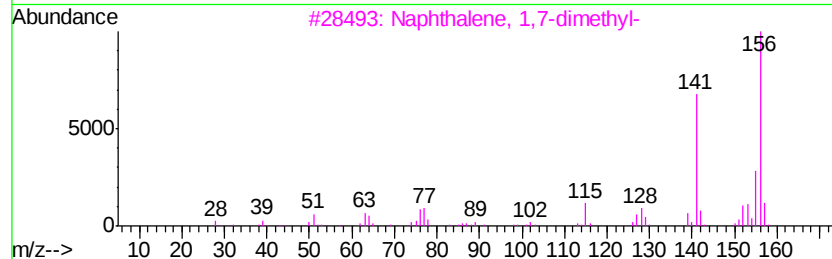
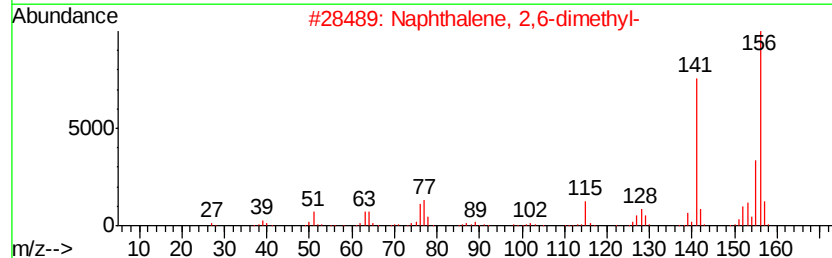
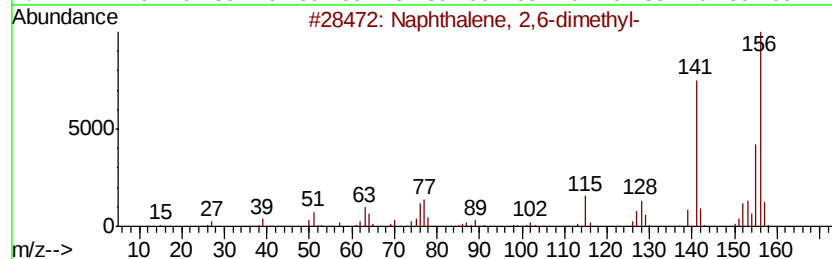
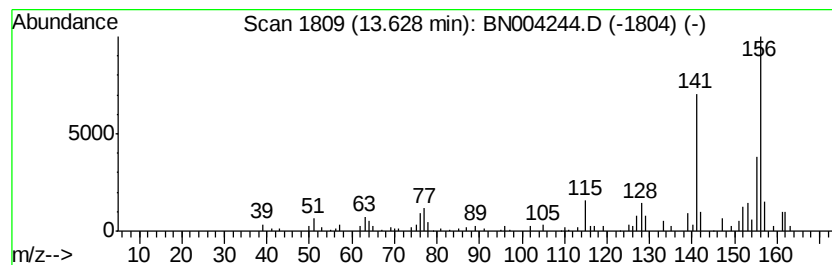
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.21 ng/ul	143629	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



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Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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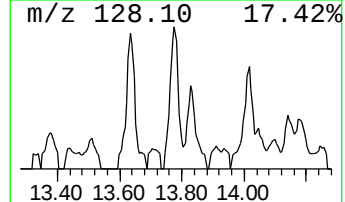
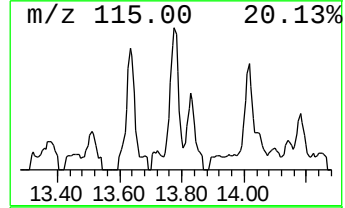
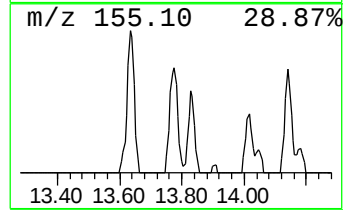
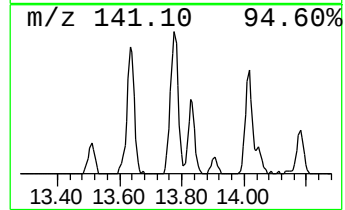
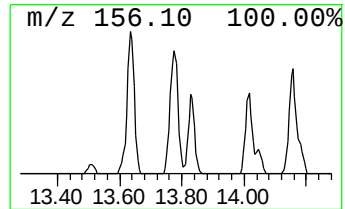
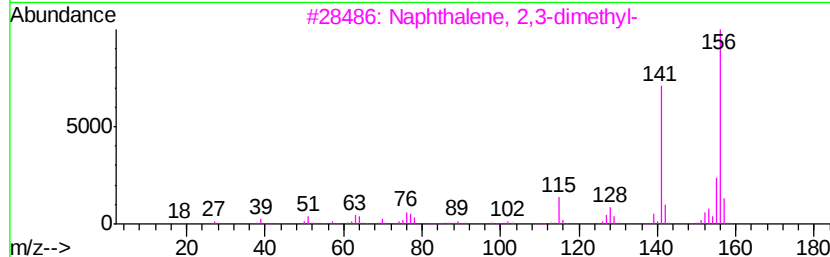
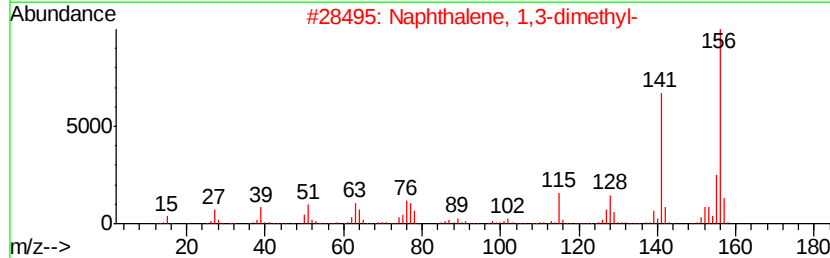
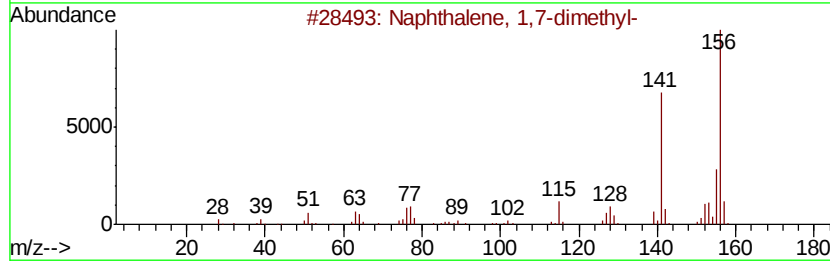
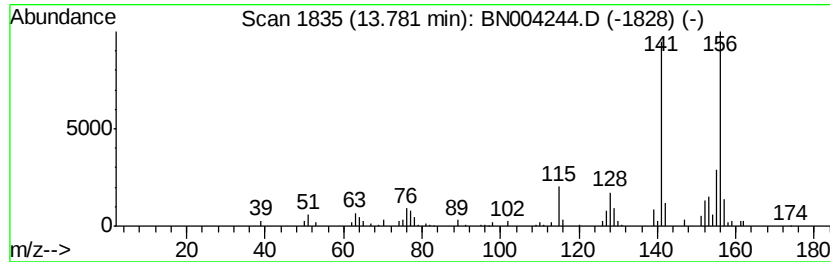
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	5.66 ng/ul	130970	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



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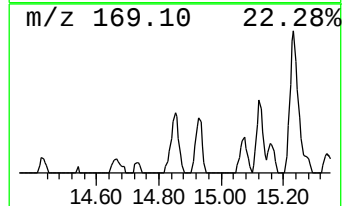
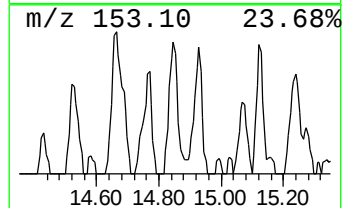
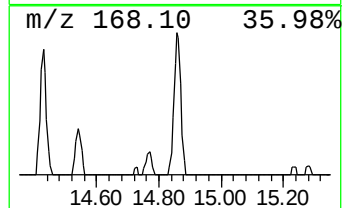
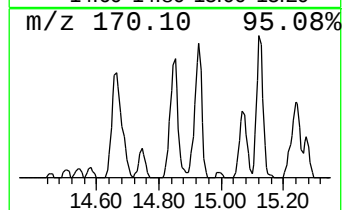
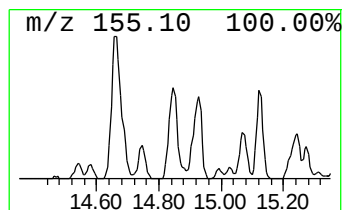
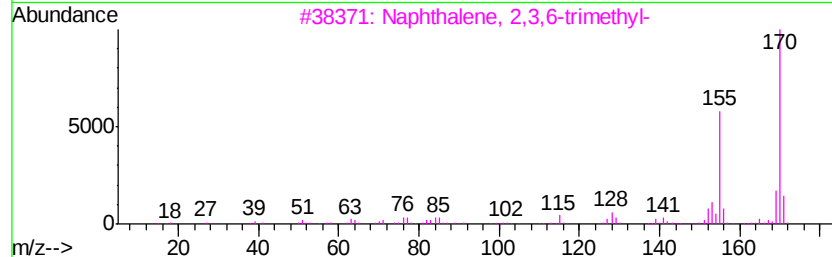
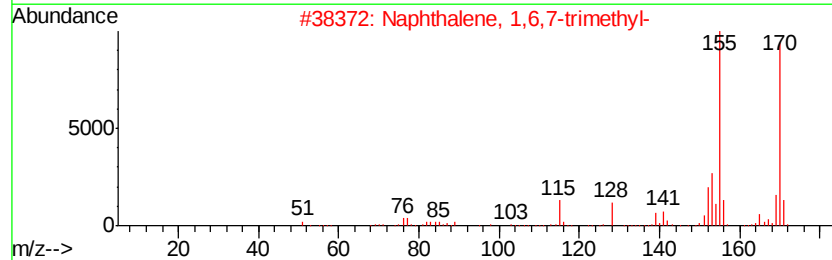
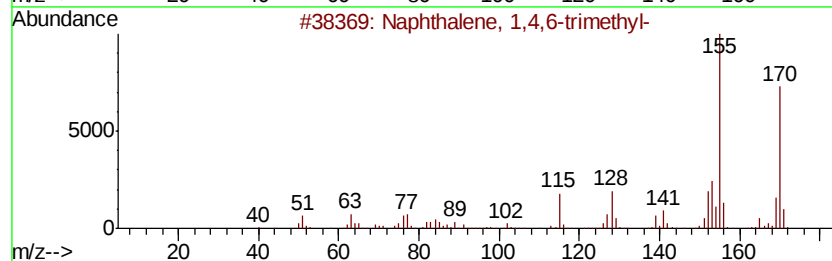
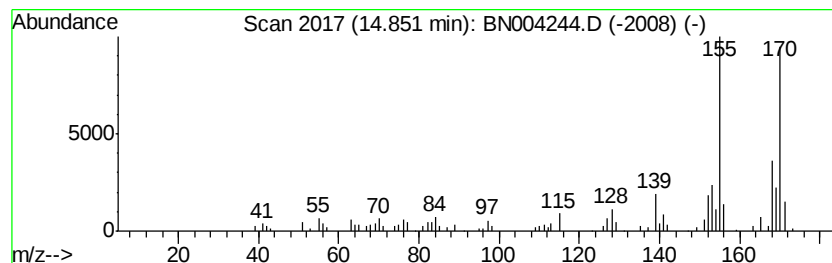
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	8.20 ng/ul	189724	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :
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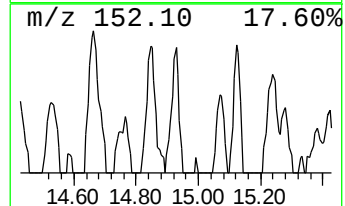
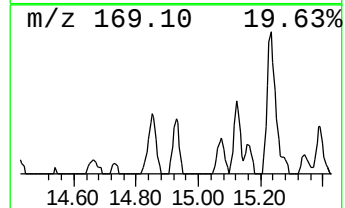
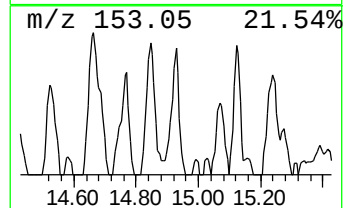
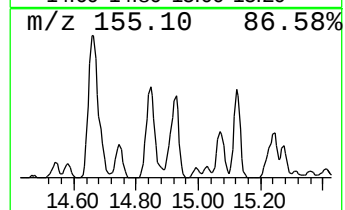
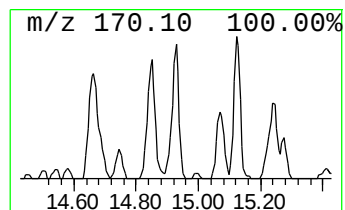
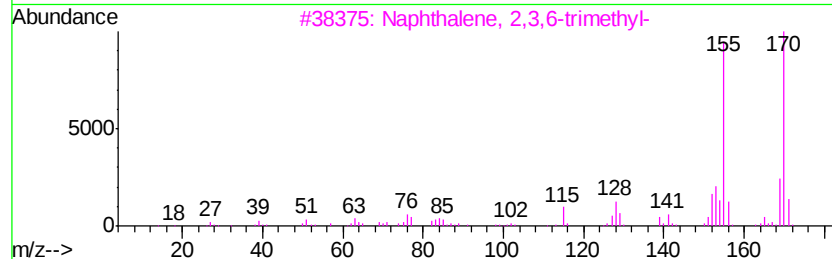
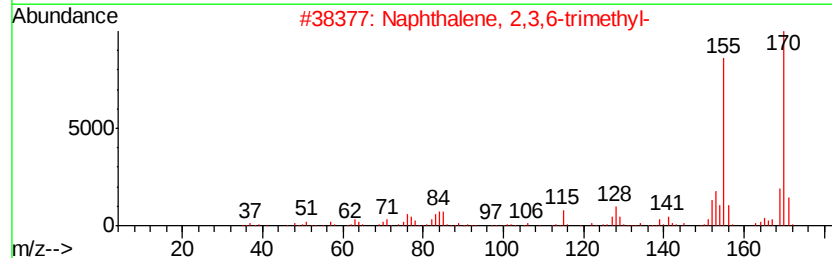
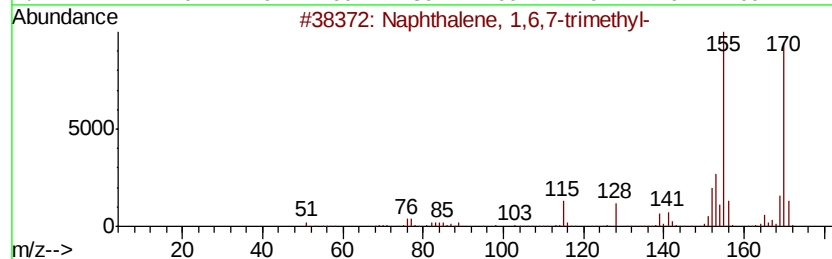
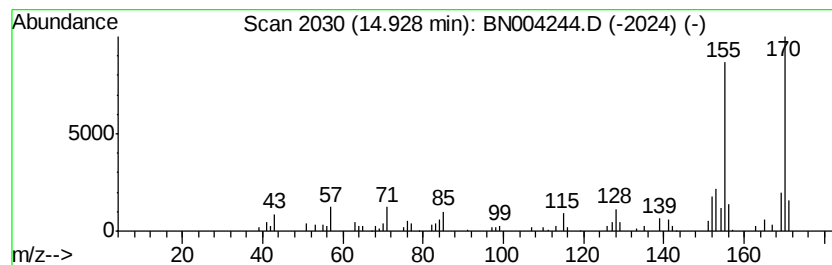
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	6.40 ng/ul	148009	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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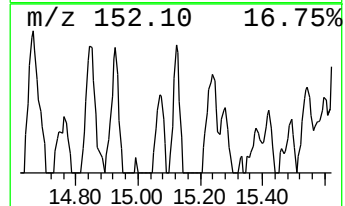
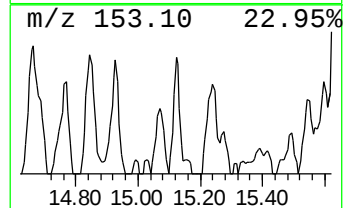
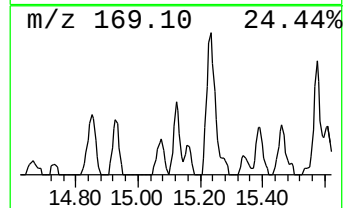
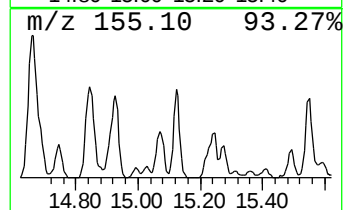
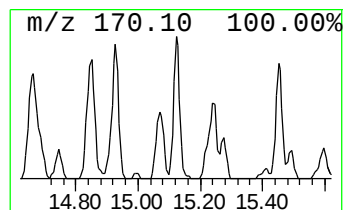
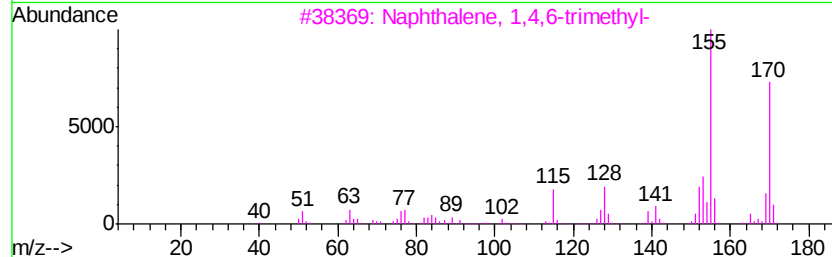
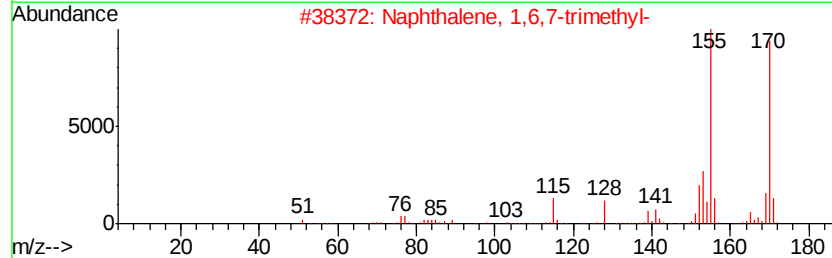
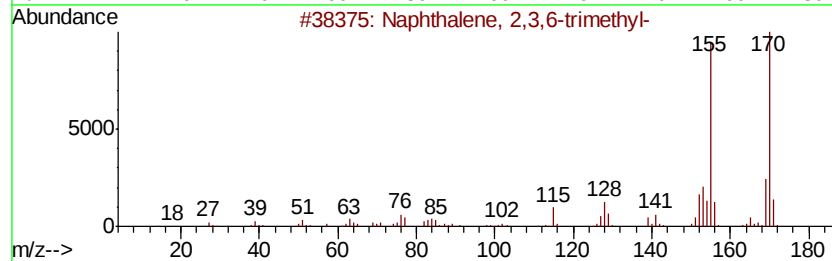
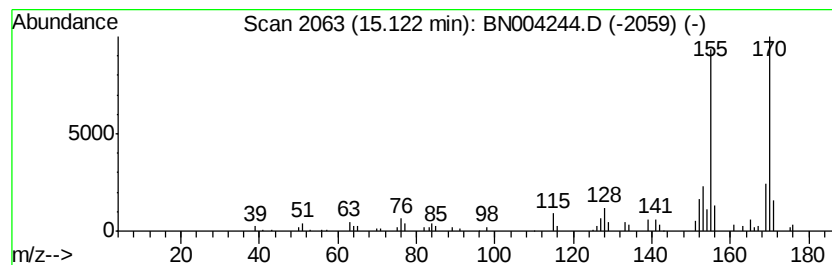
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.52 ng/ul	81541	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



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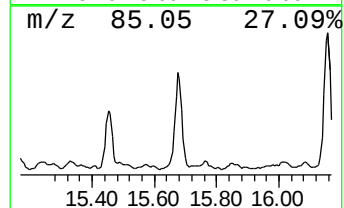
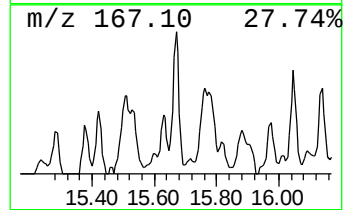
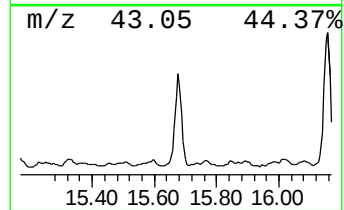
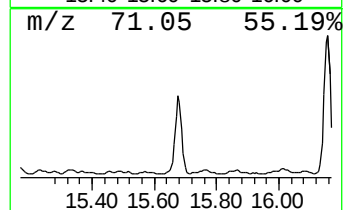
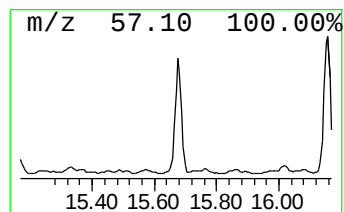
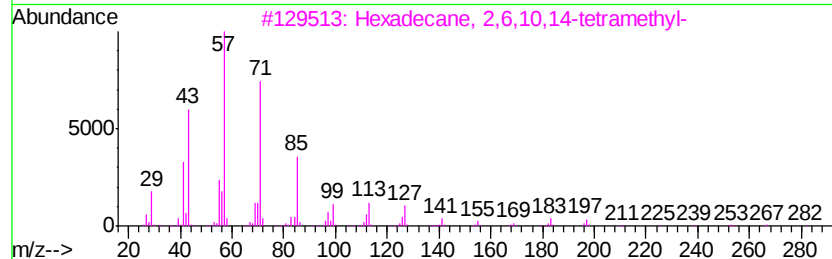
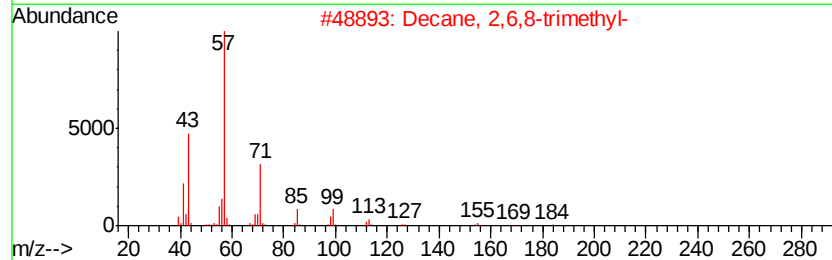
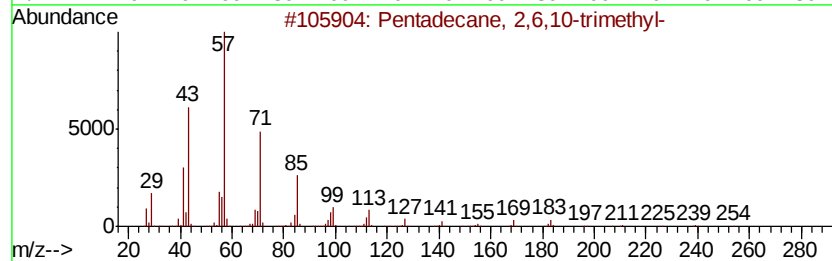
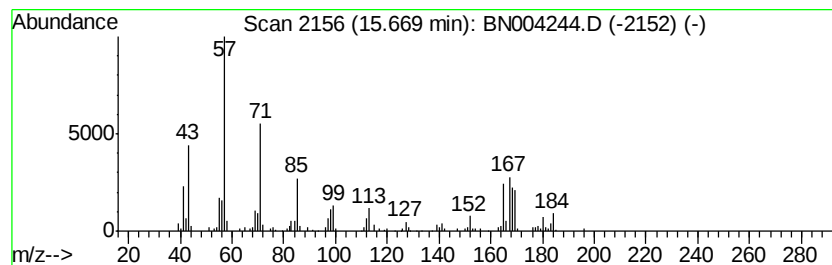
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.67	9.31 ng/ul	215437	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
2			Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
4			Decane, 2-methyl-	156	C11H24	006975-98-0	58
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	58



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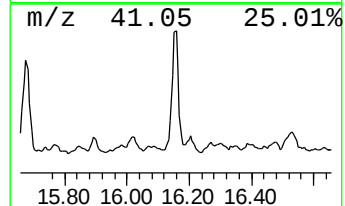
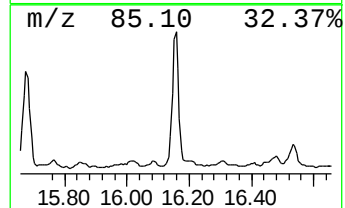
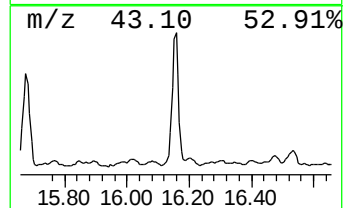
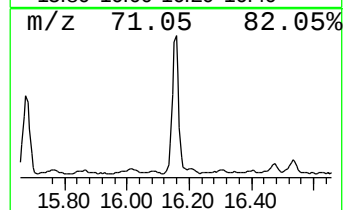
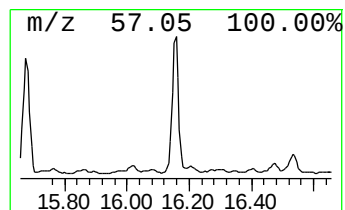
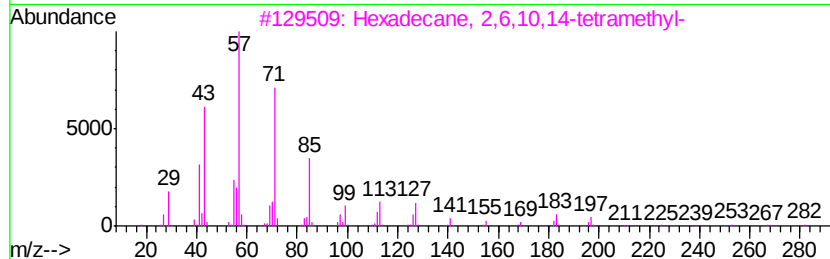
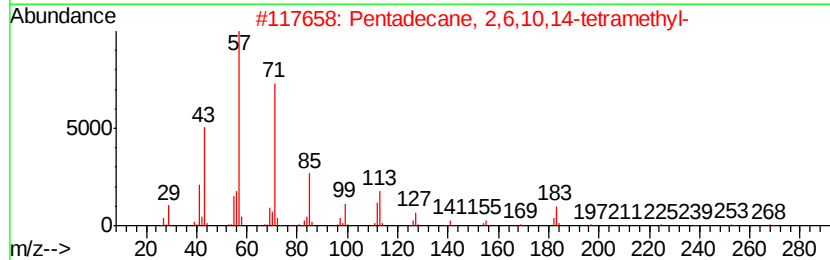
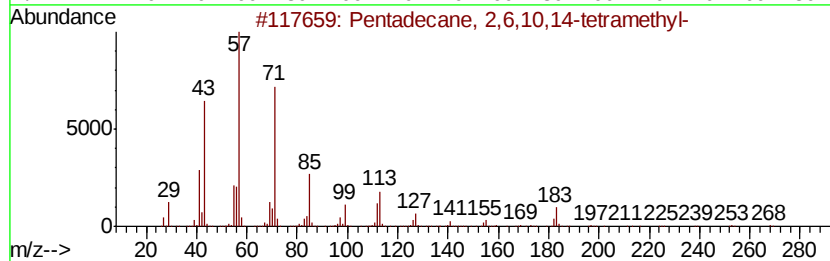
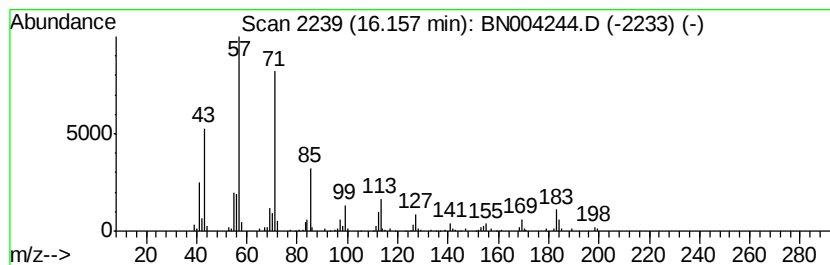
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.16	10.68 ng/ul	315073	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2			Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	87
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



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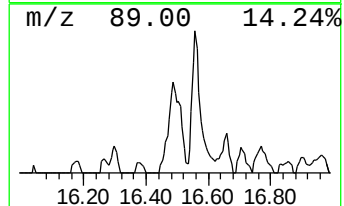
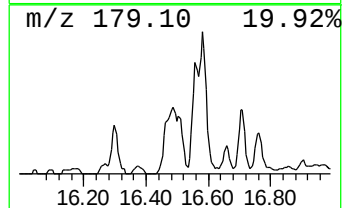
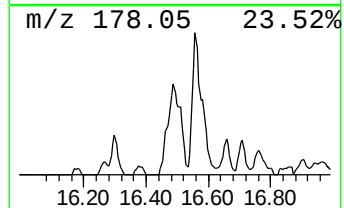
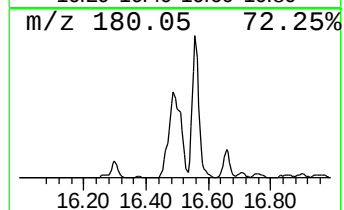
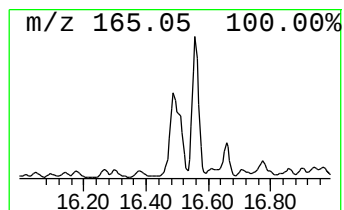
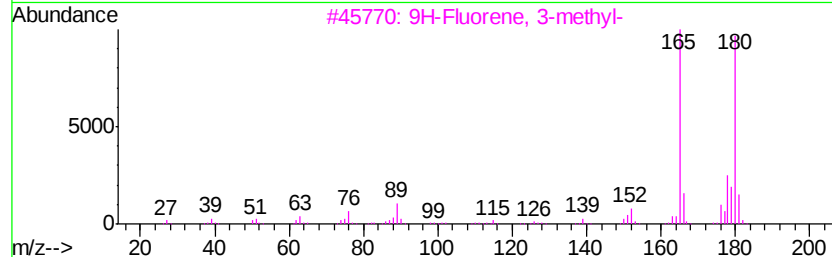
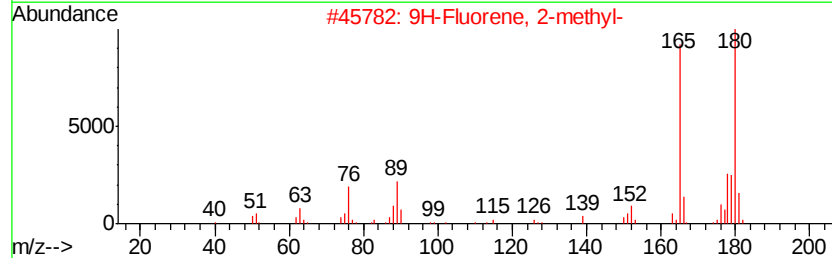
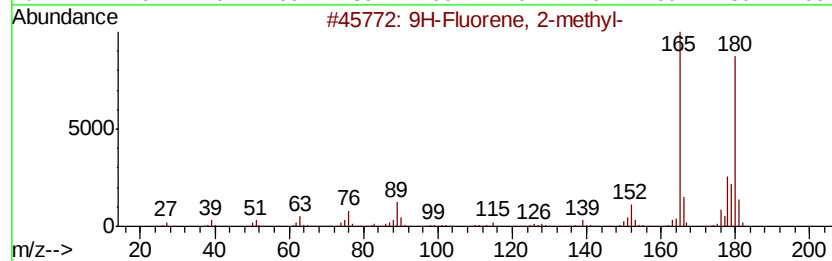
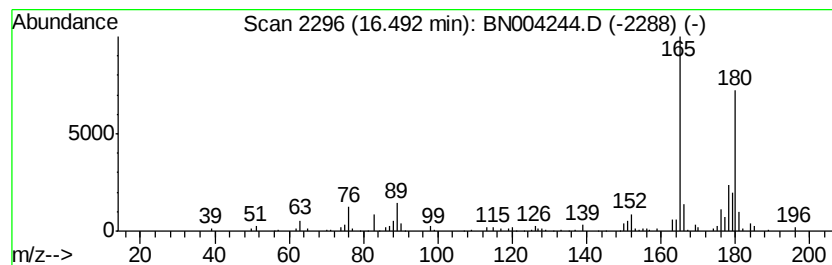
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	5.96 ng/ul	175644	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
4			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91
5			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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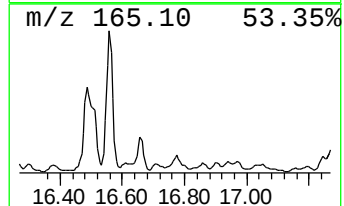
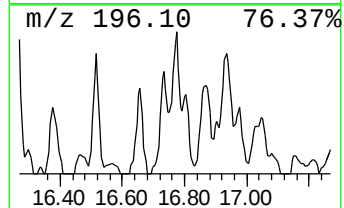
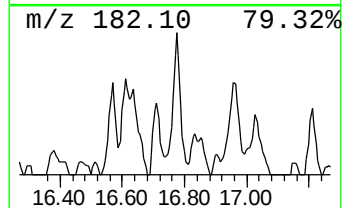
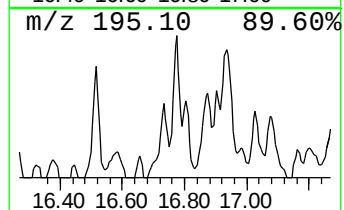
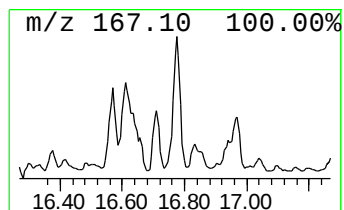
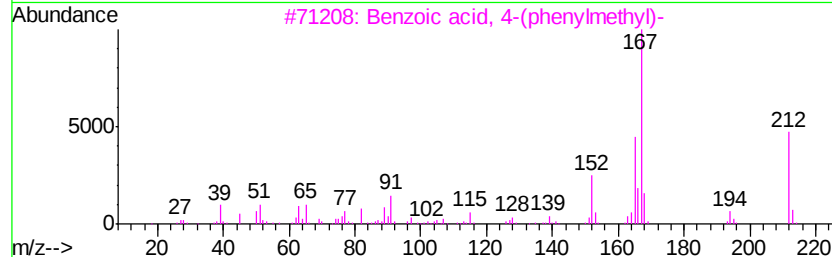
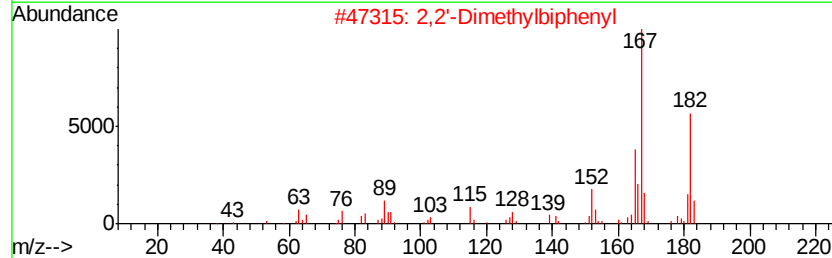
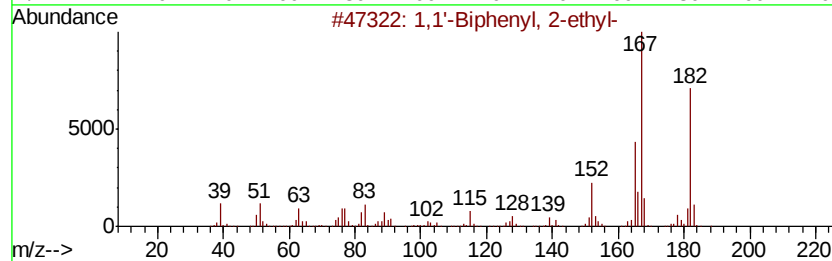
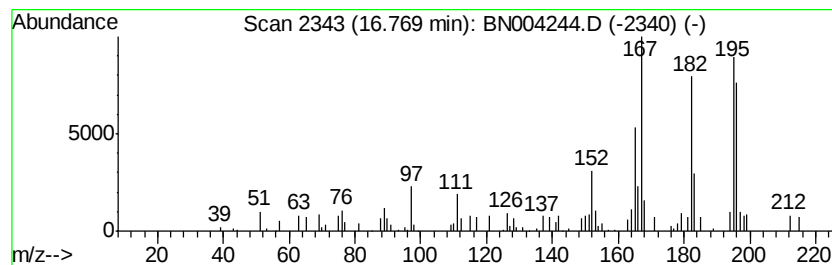
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 1,1'-Biphenyl, 2-ethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.94 ng/ul	116304	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	50
2		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	50
3		Benzoic acid, 4-(phenylmethoxy)-	212	C14H12O2	000620-86-0	47
4		4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	46
5		2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
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Instrument :
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ClientSampleId :
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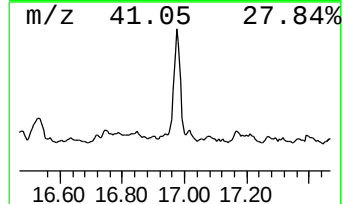
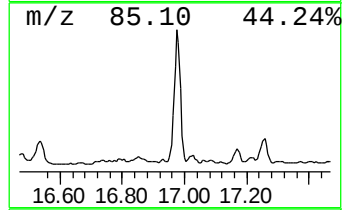
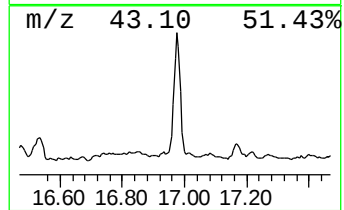
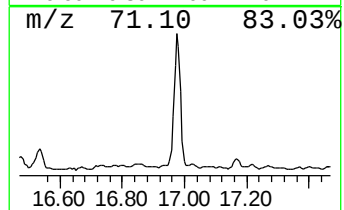
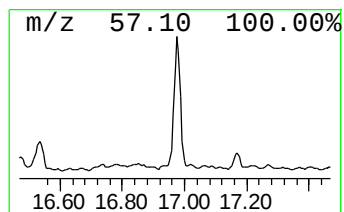
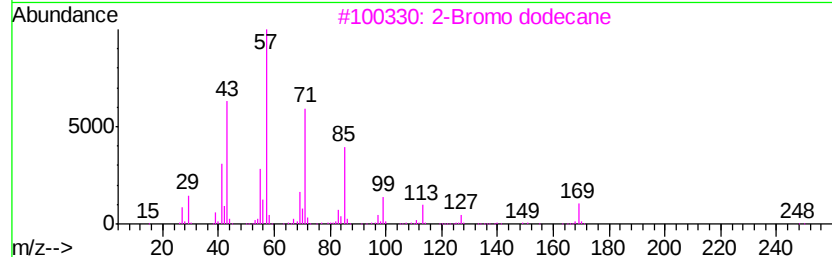
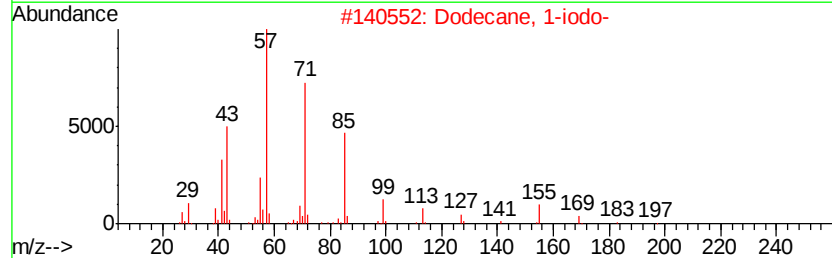
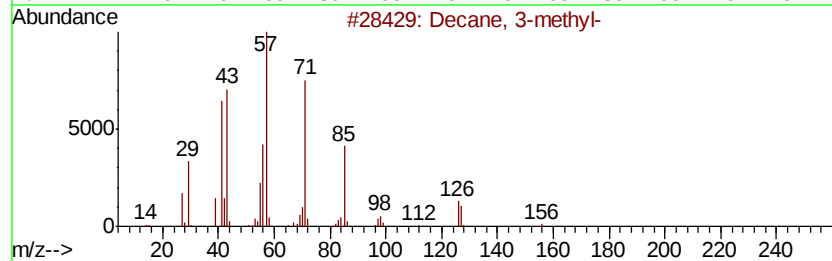
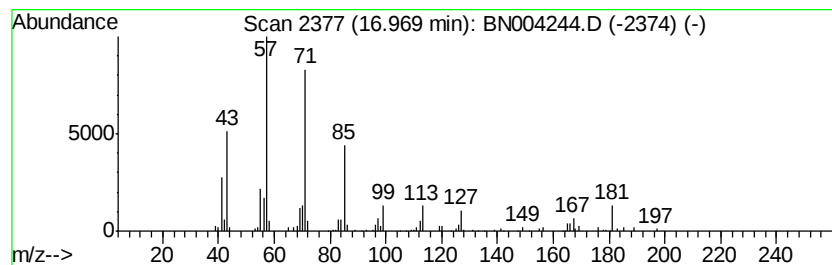
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.97	7.11 ng/ul	209785	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	81
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	80
4		Eicosane	282	C20H42	000112-95-8	80
5		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
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ALS Vial : 11 Sample Multiplier: 1

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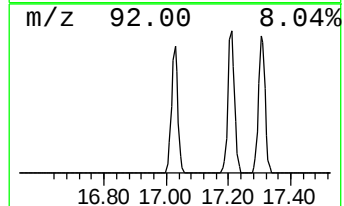
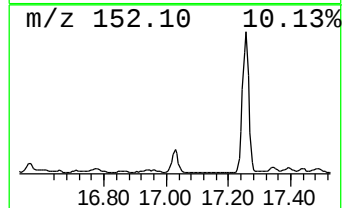
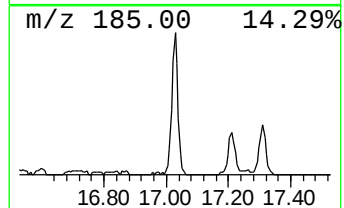
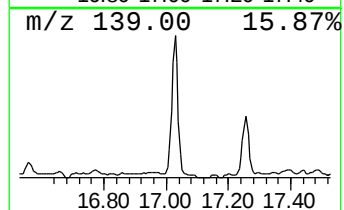
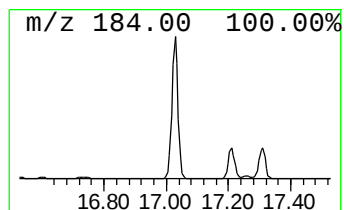
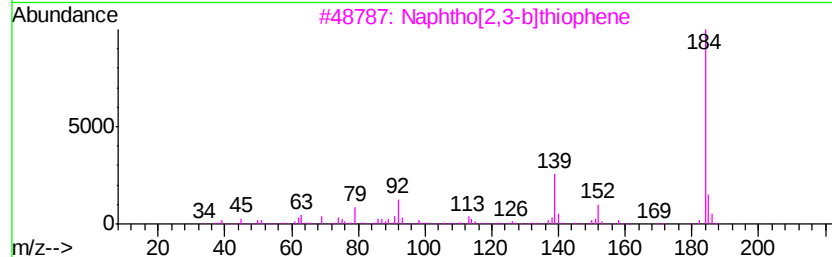
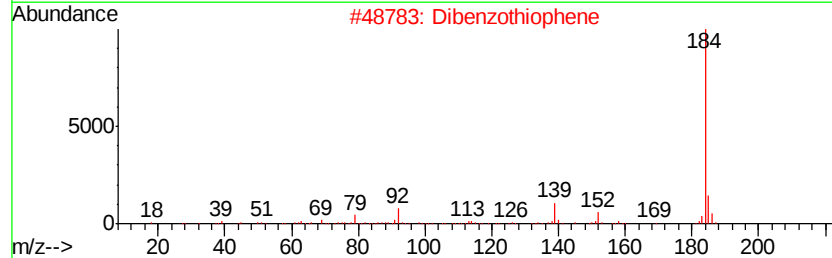
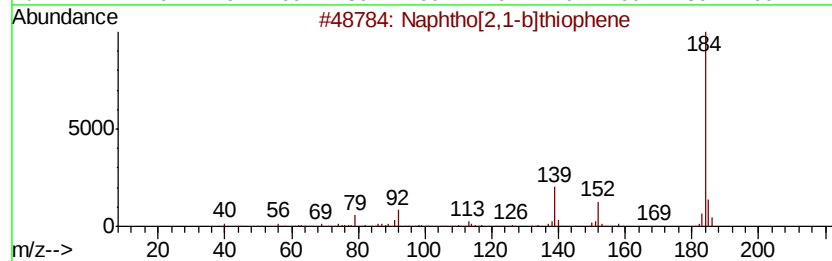
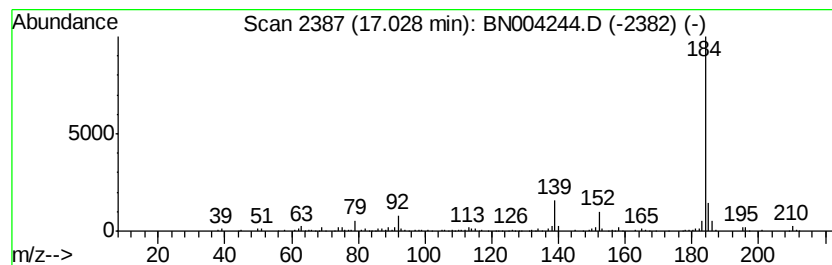
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Naphtho[2,1-b]thiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.03	12.49 ng/ul	368480	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2		Dibenzothiophene	184	C12H8S	000132-65-0	96
3		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4		Dibenzothiophene	184	C12H8S	000132-65-0	94
5		Dibenzothiophene	184	C12H8S	000132-65-0	93



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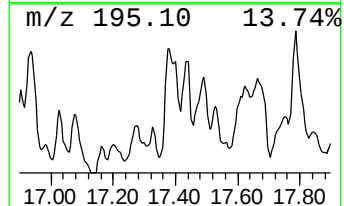
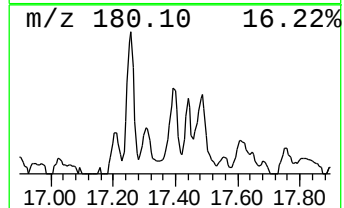
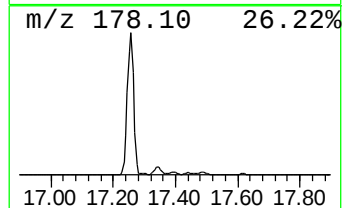
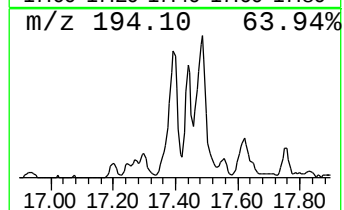
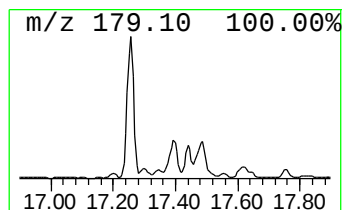
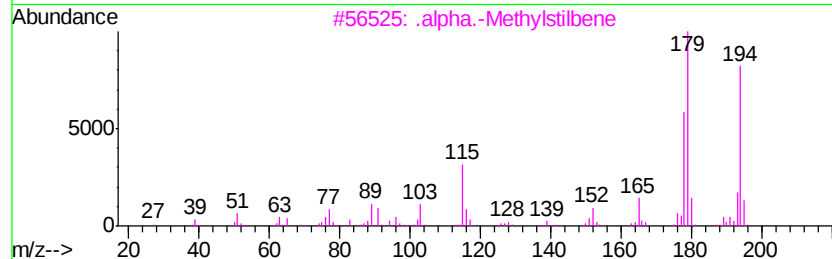
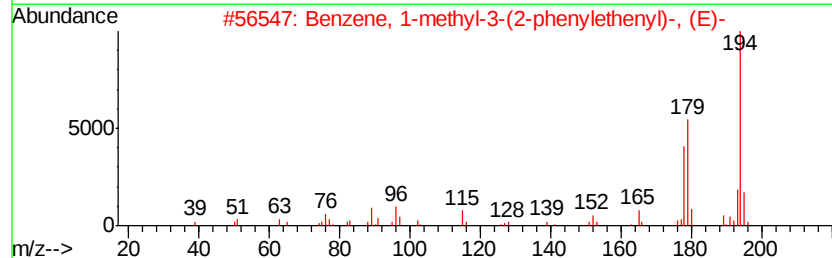
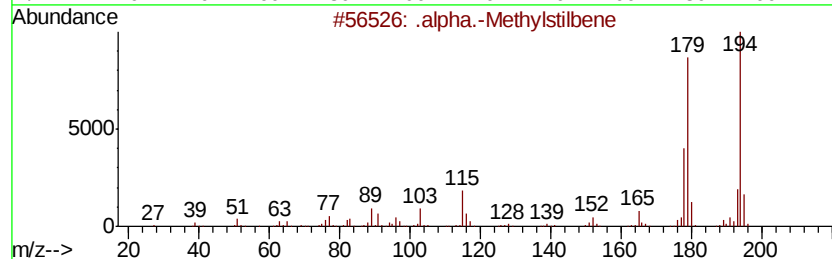
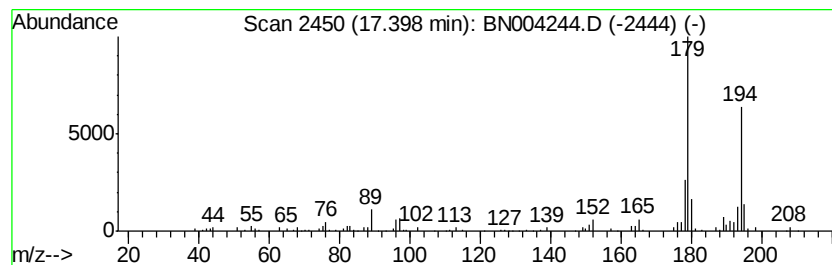
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 .alpha.-Methylstilbene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	7.36 ng/ul	217047	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.alpha.-Methylstilbene	194	C15H14	000779-51-1	94
2			Benzene, 1-methyl-3-(2-phenylethyl)-	194	C15H14	014064-48-3	90
3			.alpha.-Methylstilbene	194	C15H14	000779-51-1	80
4			Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	68
5			Anthracene, 9-ethyl-9,10-dihydro-	208	C16H16	000605-82-3	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Misc :
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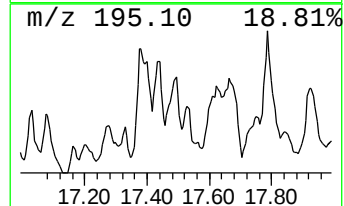
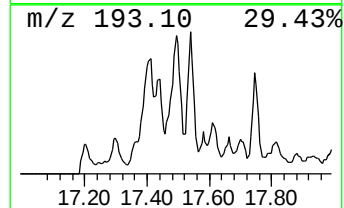
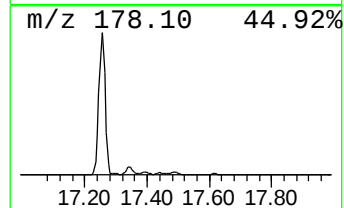
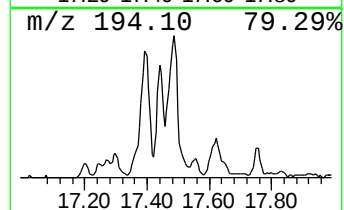
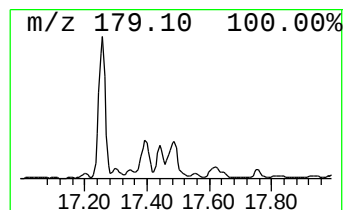
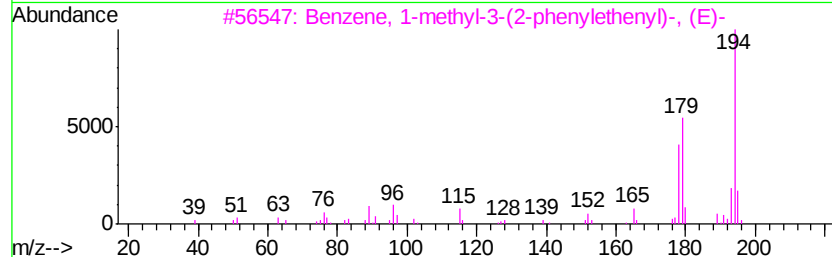
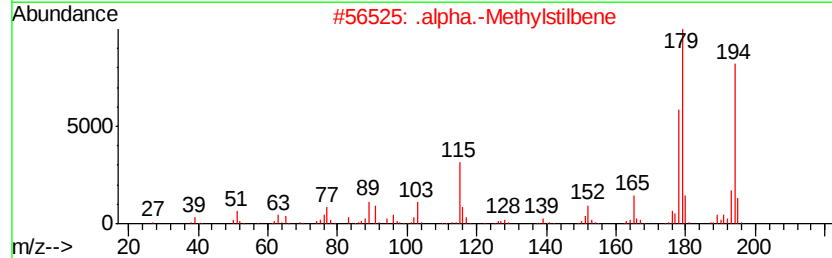
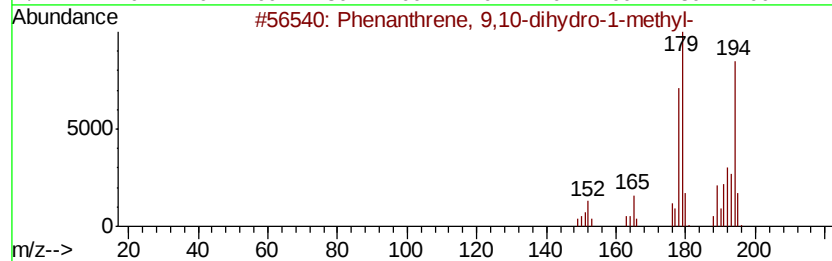
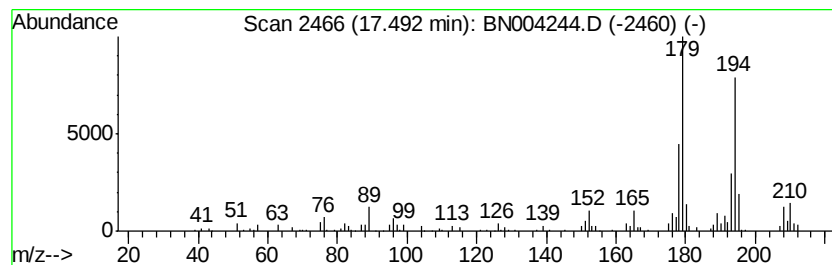
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 9,10-dihydro-... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	6.03 ng/ul	177726	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	95
2			.alpha.-Methylstilbene	194	C15H14	000779-51-1	93
3			Benzene, 1-methyl-3-(2-phenyleth...	194	C15H14	014064-48-3	92
4			9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	90
5			Stilbene, .alpha.-methyl-, (E)-	194	C15H14	000833-81-8	87



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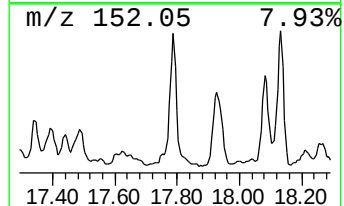
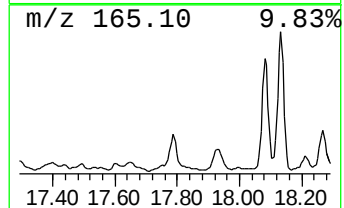
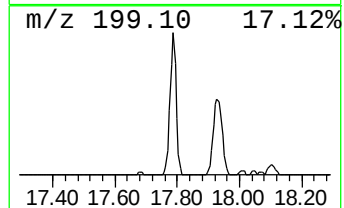
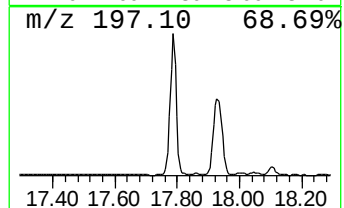
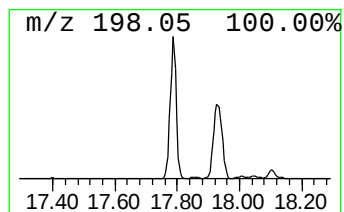
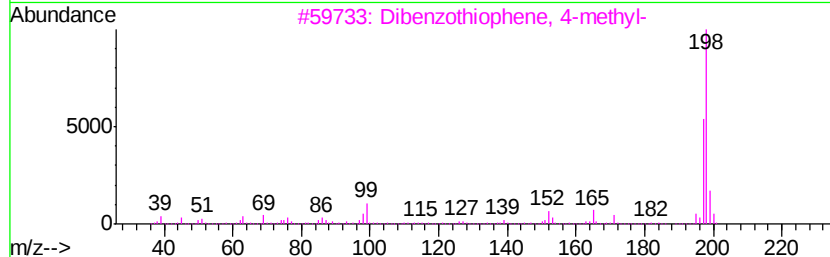
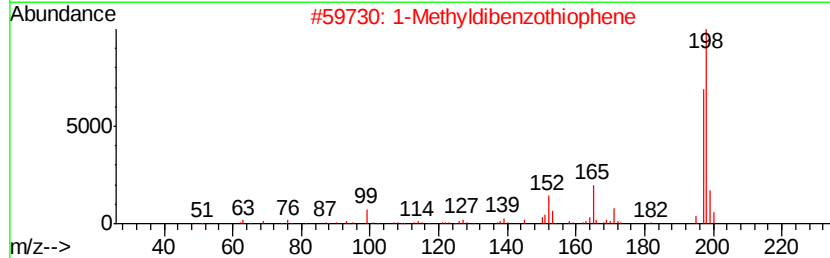
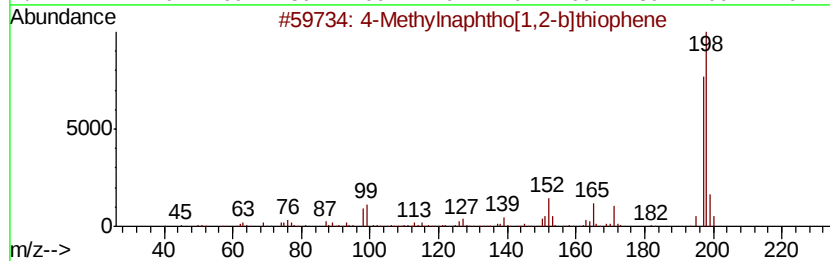
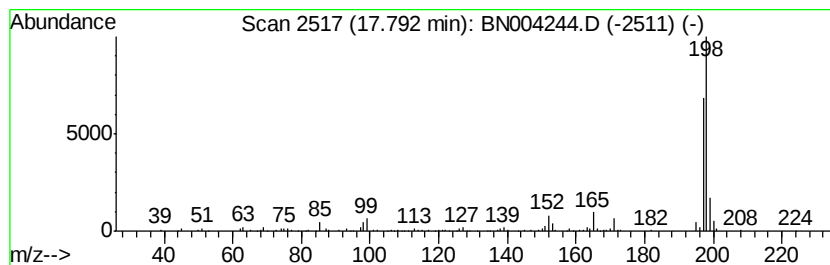
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	15.13 ng/ul	446302	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	97
2		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	97
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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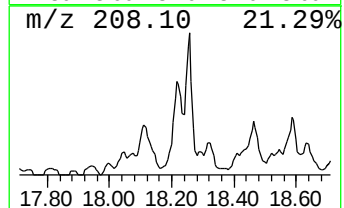
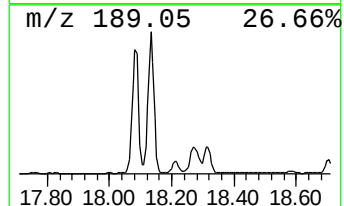
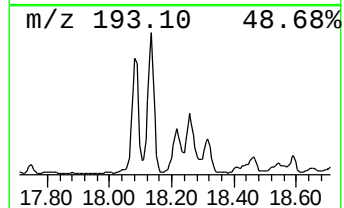
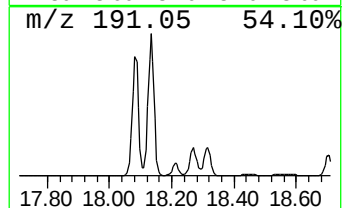
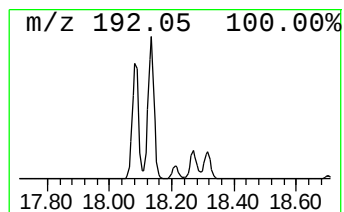
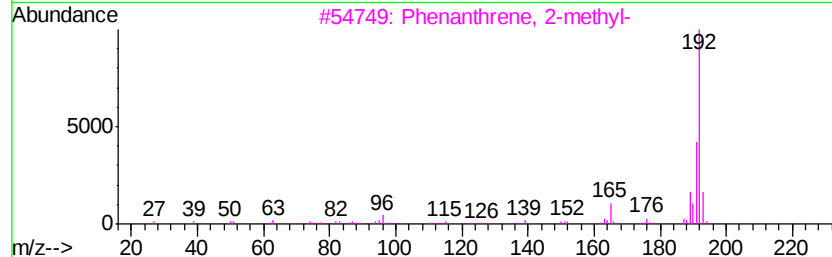
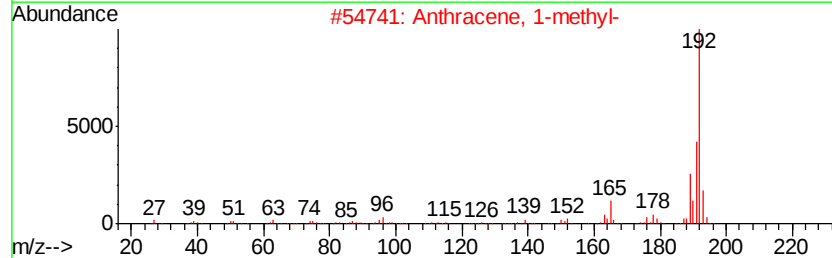
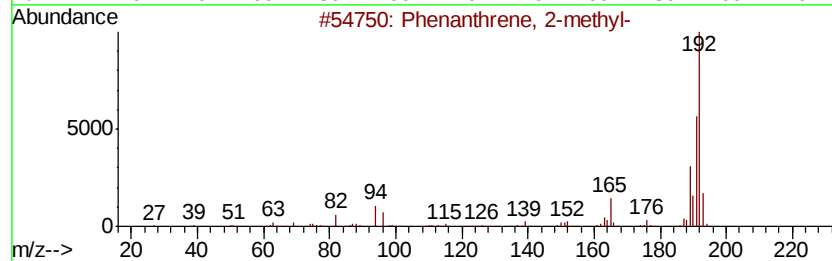
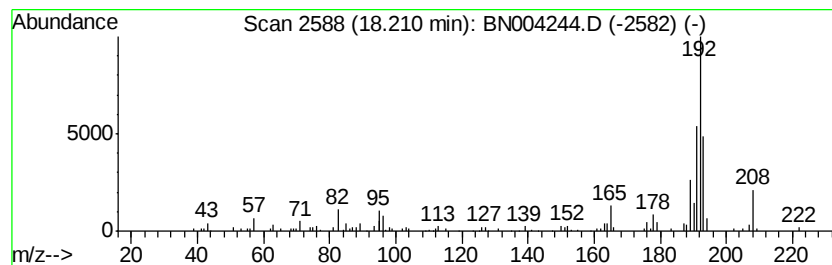
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 2-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	7.06 ng/ul	208170	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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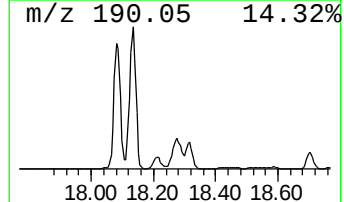
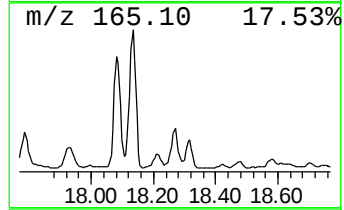
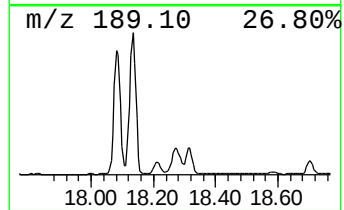
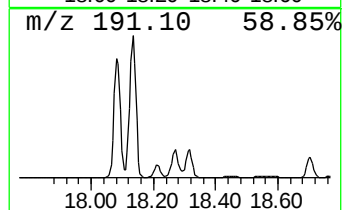
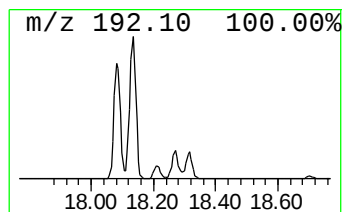
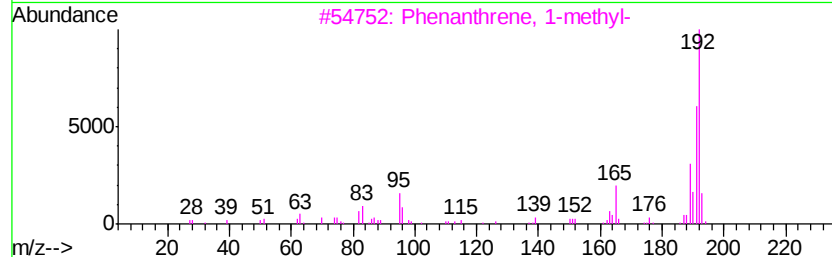
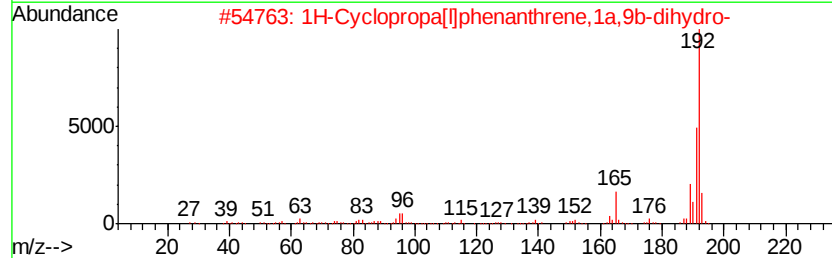
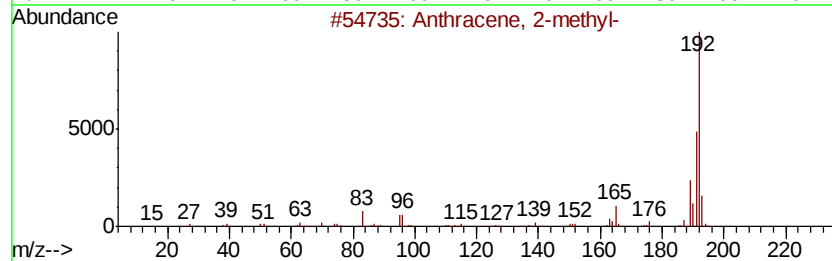
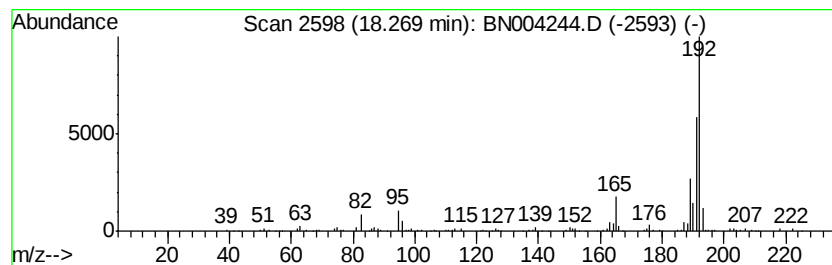
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	10.34 ng/ul	305035	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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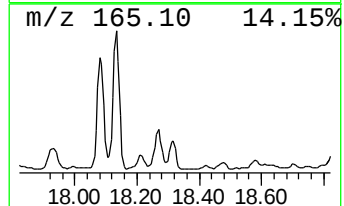
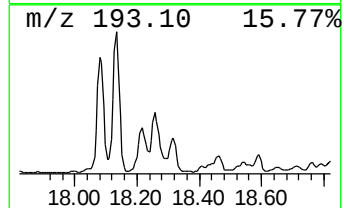
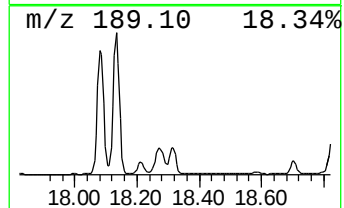
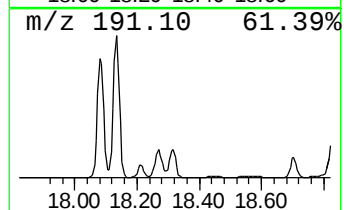
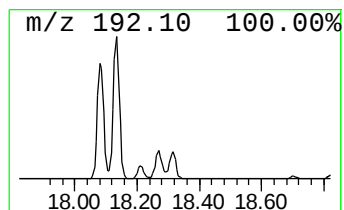
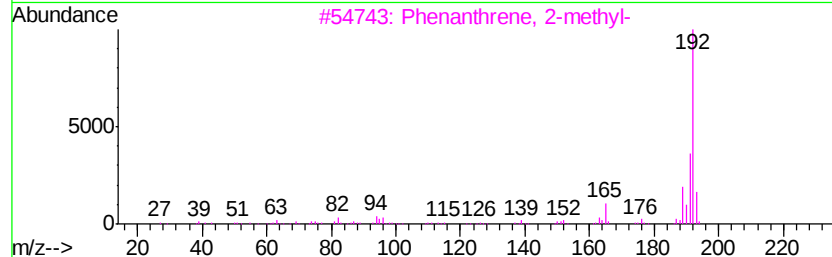
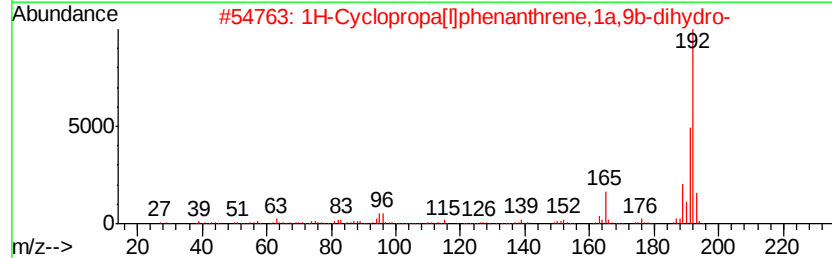
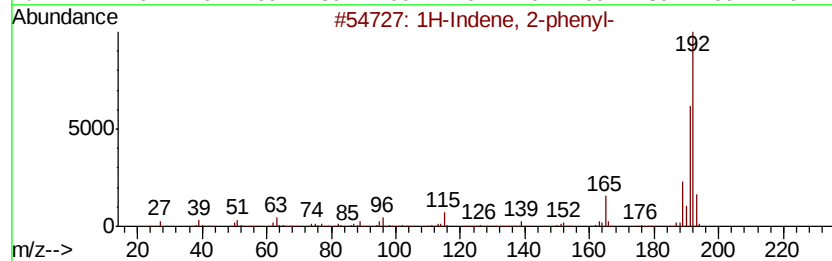
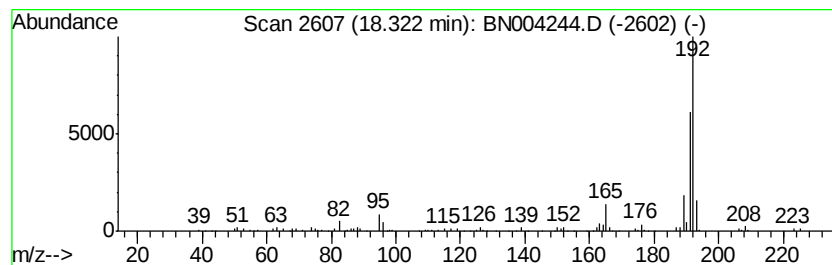
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 1H-Indene, 2-phenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	9.63 ng/ul	284148	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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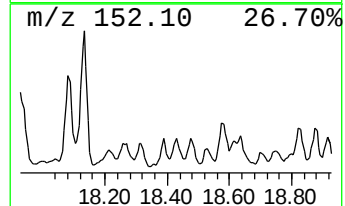
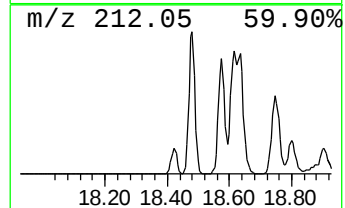
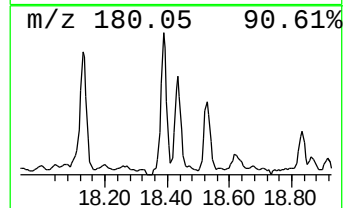
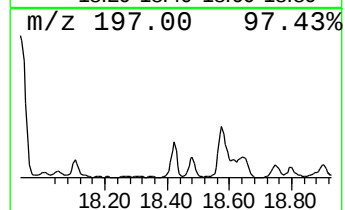
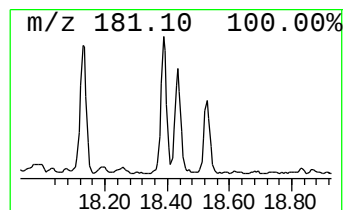
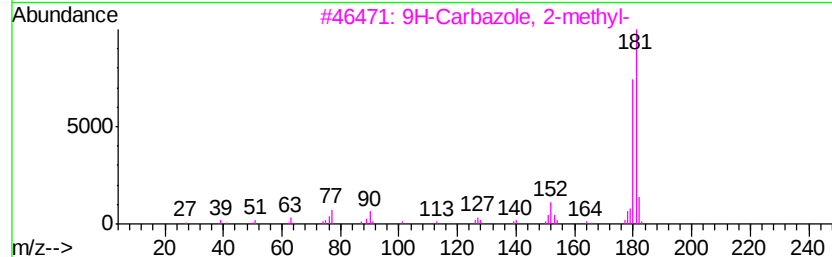
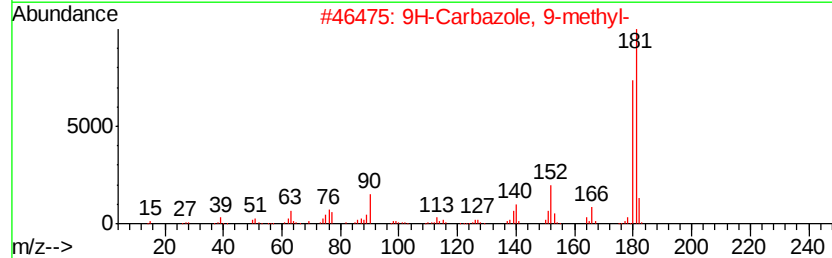
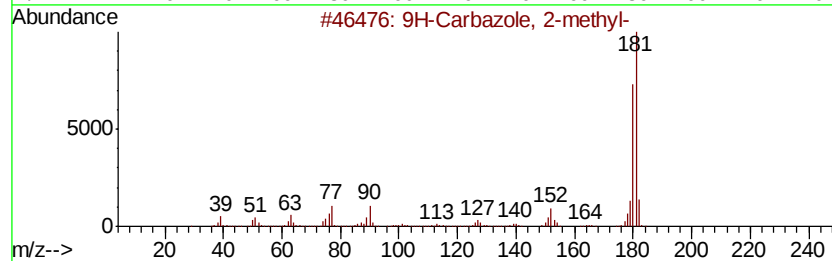
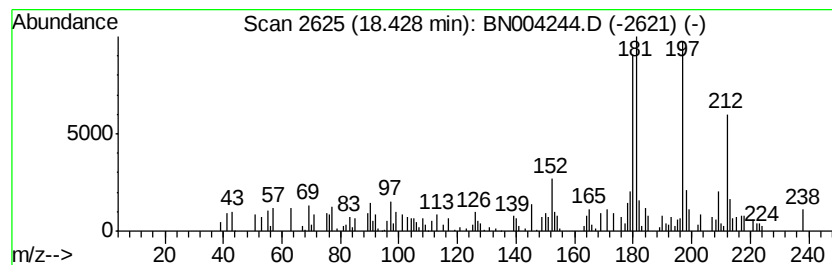
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 9H-Carbazole, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	2.97 ng/ul	87740	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
2			9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	60
3			9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	60
4			4-Methylcarbazole	181	C13H11N	003770-48-7	60
5			4-(2-Phenylvinyl)pyridine, trans-	181	C13H11N	005097-93-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004244.D
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Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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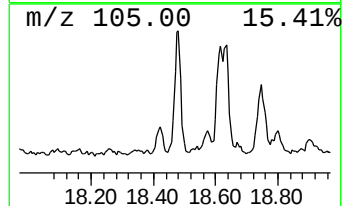
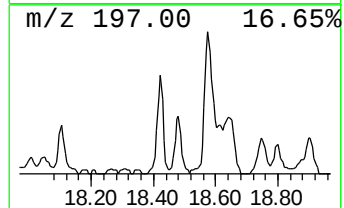
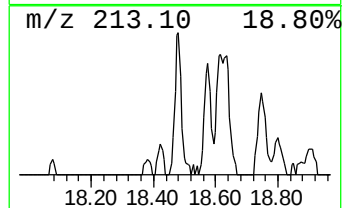
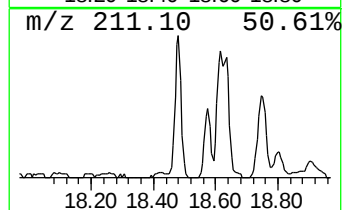
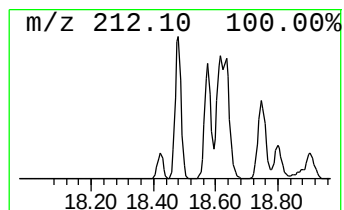
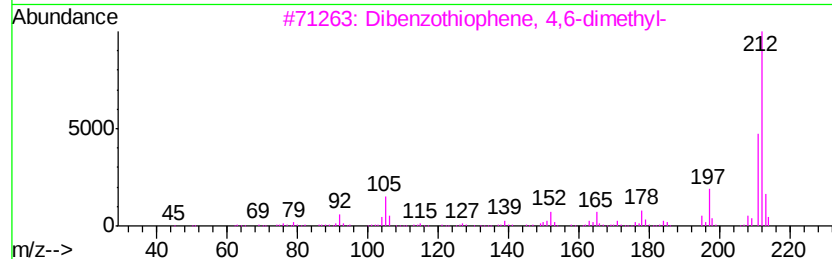
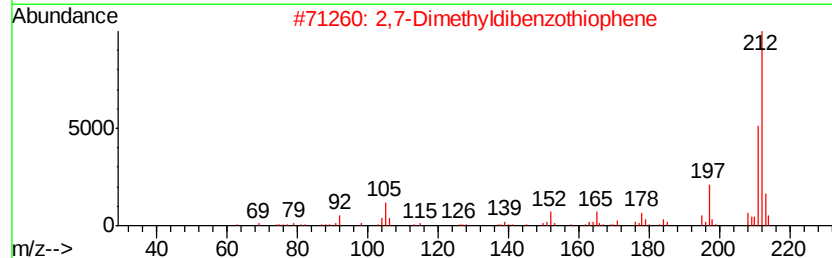
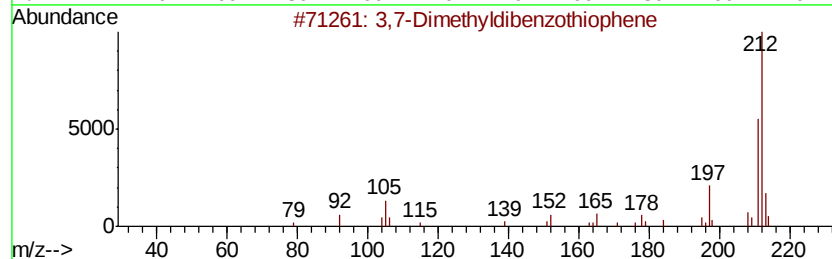
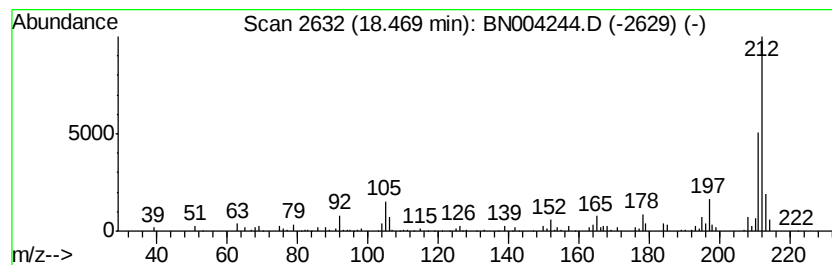
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 3,7-Dimethyldibenzothiophene Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	4.78 ng/ul	141085	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	95
2		2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	94
3		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	94
4		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	94
5		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
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Acq On : 27 Dec 2018 17:05
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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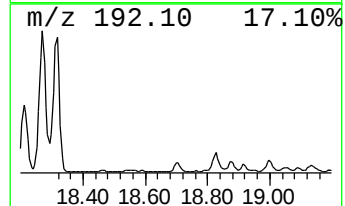
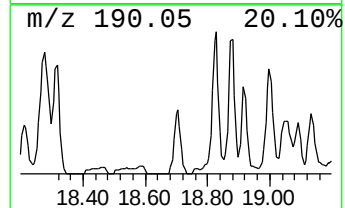
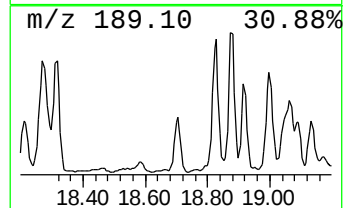
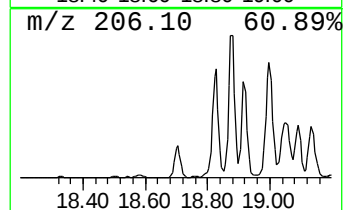
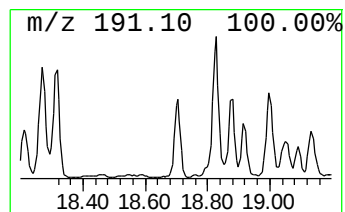
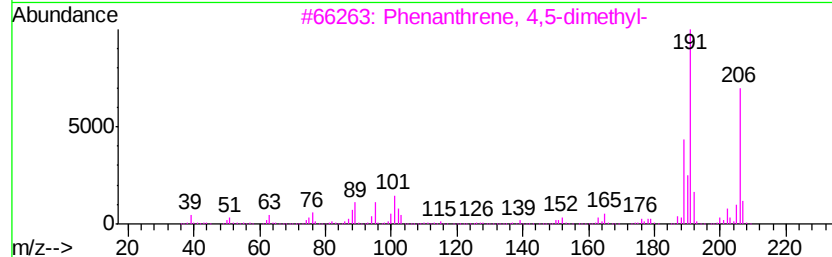
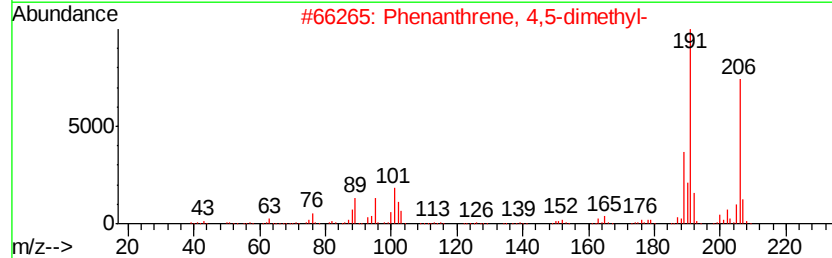
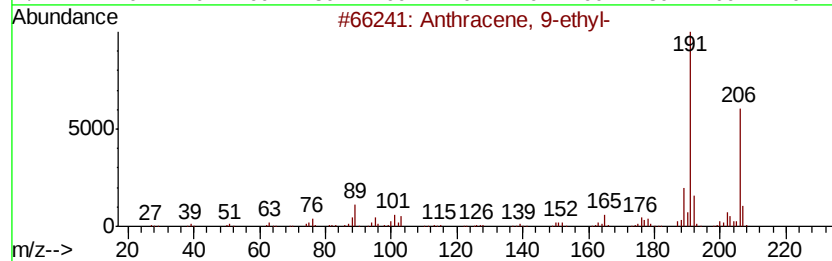
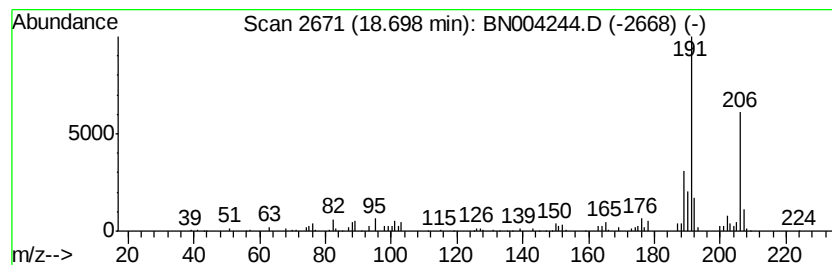
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Anthracene, 9-ethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	4.02 ng/ul	118431	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-ethyl-	206	C16H14	000605-83-4	93
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5			Phenanthrene, 9-ethyl-	206	C16H14	003674-75-7	87



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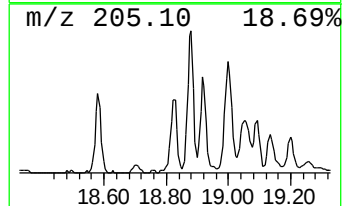
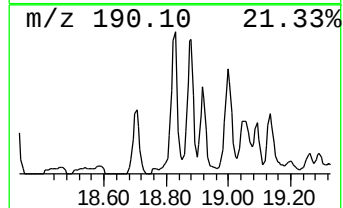
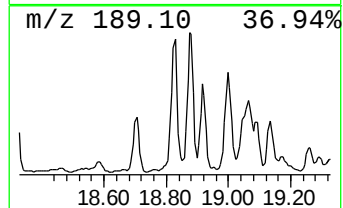
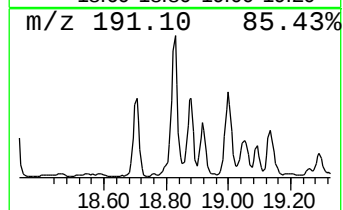
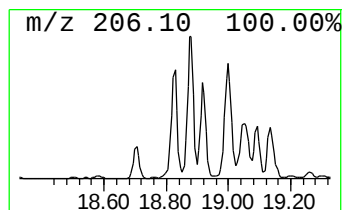
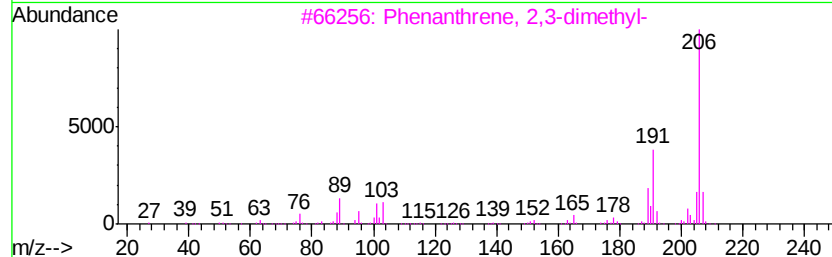
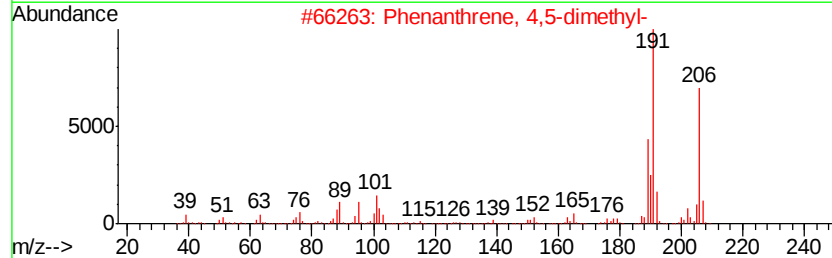
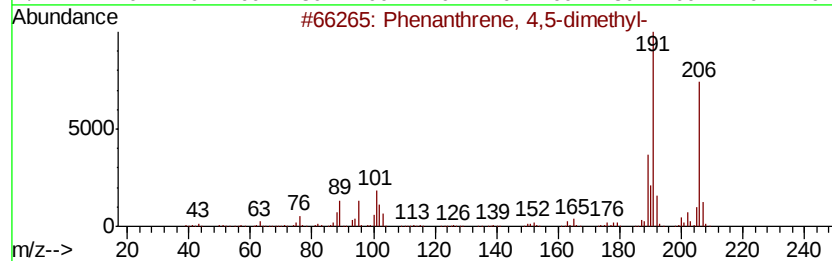
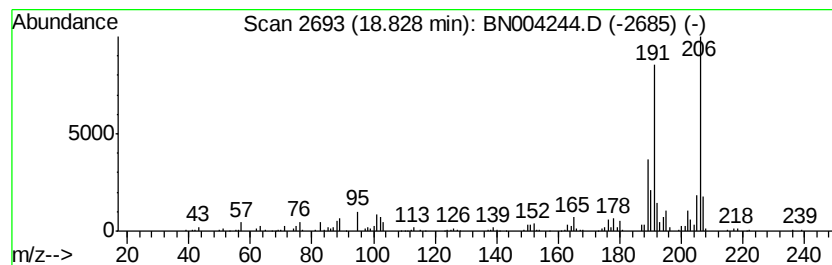
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 4,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.83	14.64 ng/ul	431900	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	95
2		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Anthracene, 2-ethyl-	206	C16H14	052251-71-5	91
5		Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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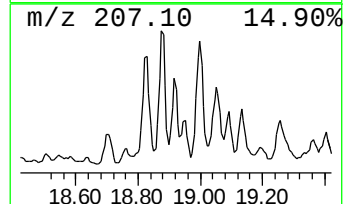
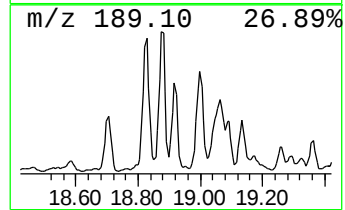
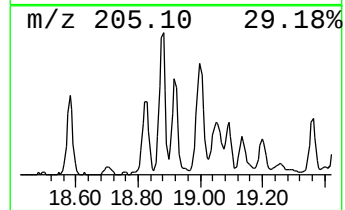
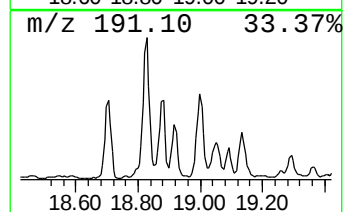
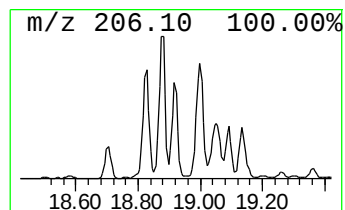
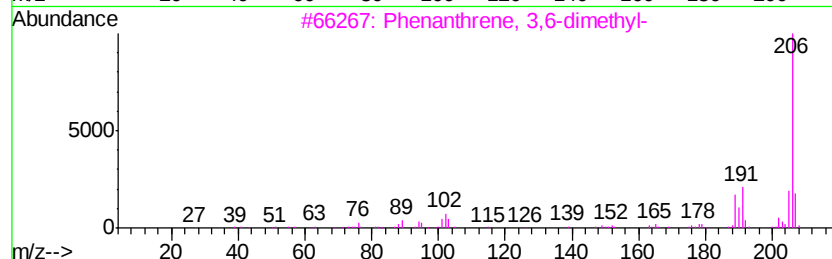
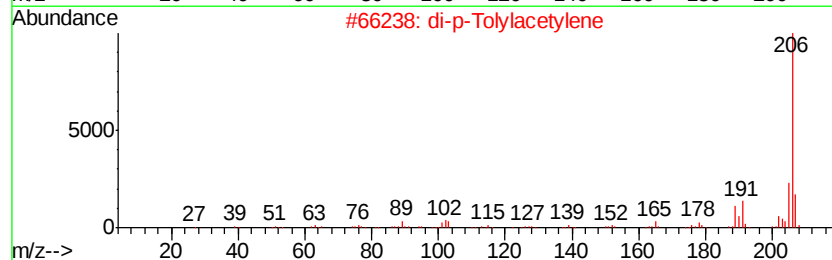
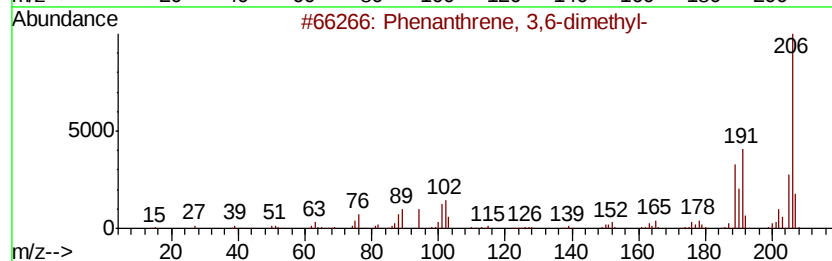
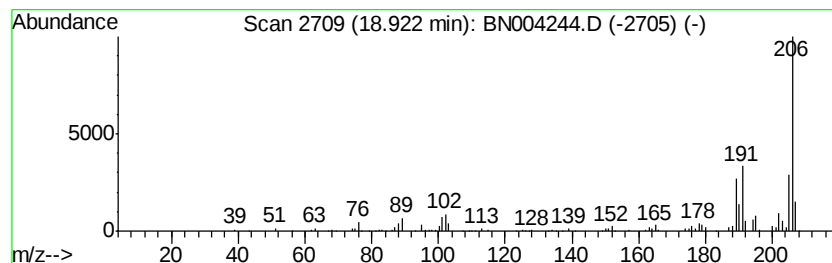
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 3,6-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	6.90 ng/ul	203554	Phenanthrene-d10	17.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Instrument :
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ClientSampleId :
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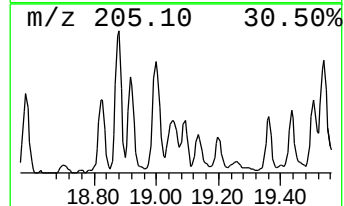
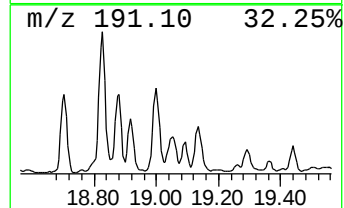
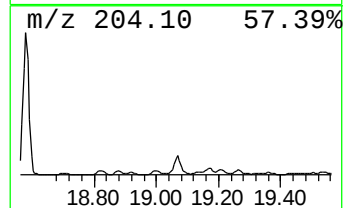
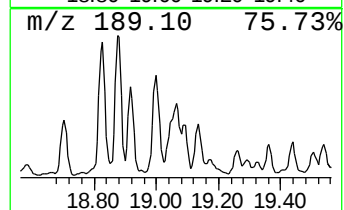
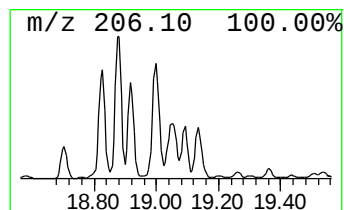
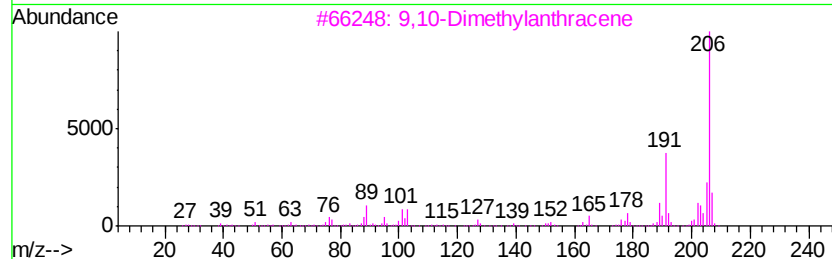
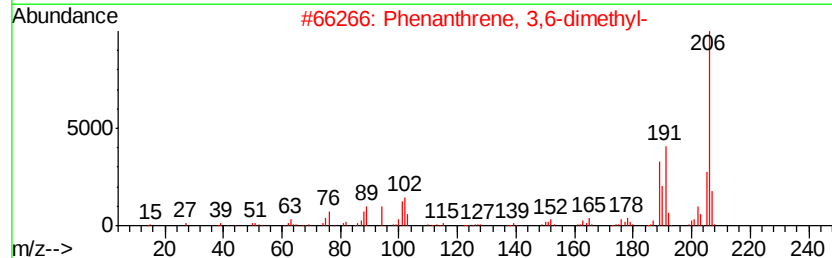
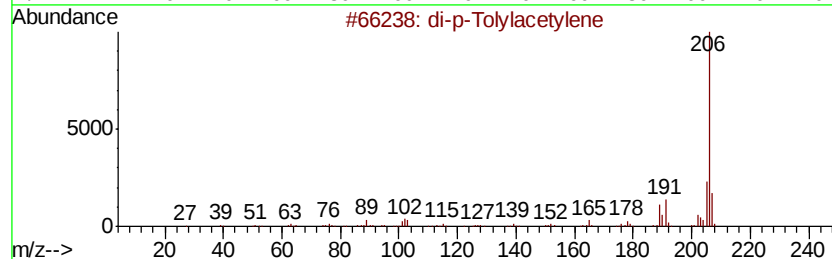
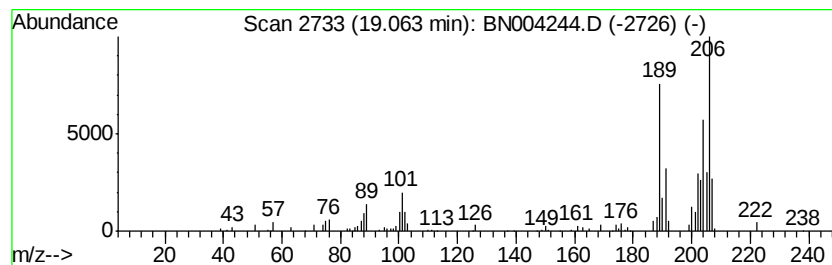
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 di-p-Tolylacetylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.06	8.15 ng/ul	240322	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	87
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
3			9,10-Dimethylanthracene	206	C16H14	000781-43-1	76
4			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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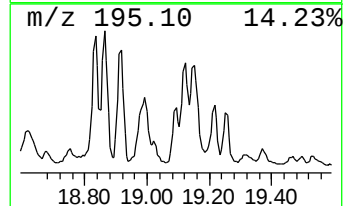
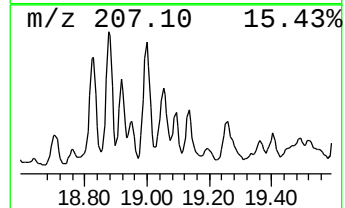
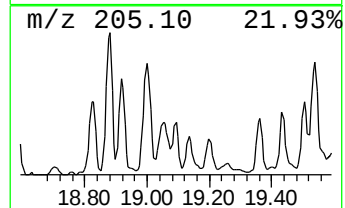
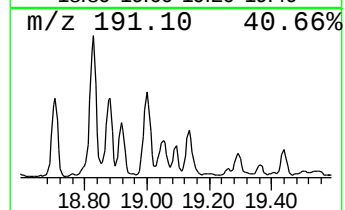
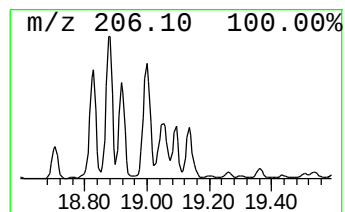
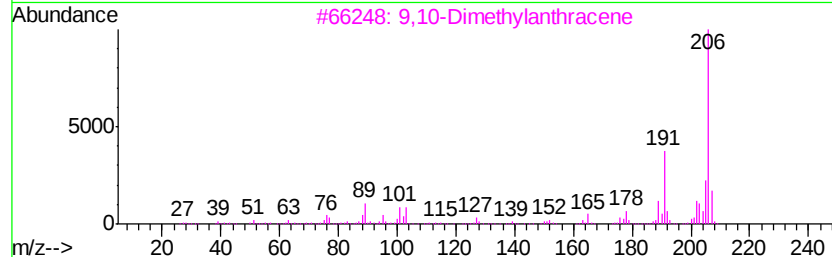
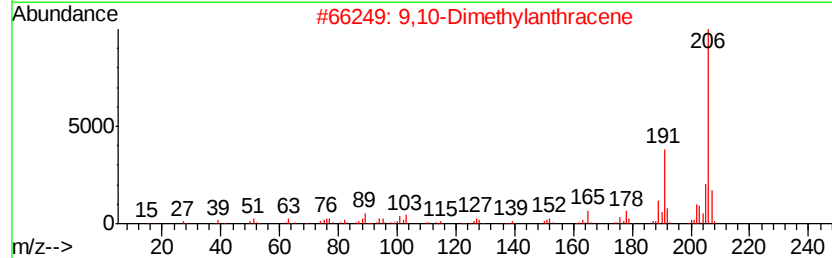
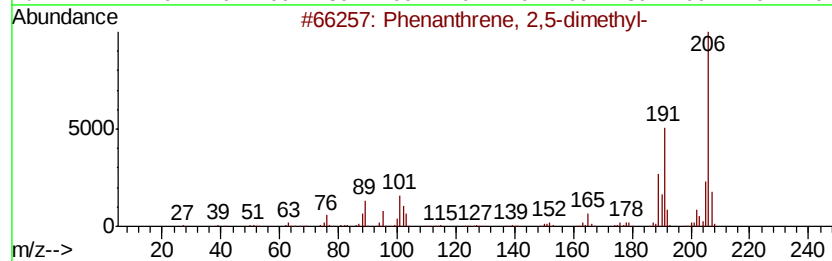
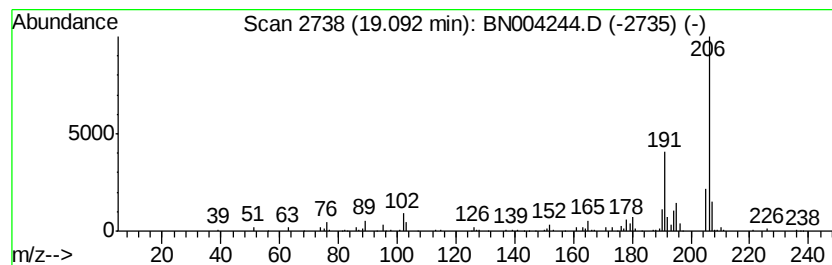
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Quant Title : SVOA CALIBRATION

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

Peak Number 35 Phenanthrene, 2,5-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	4.02 ng/ul	118453	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	80
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	74
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	74
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	70
5			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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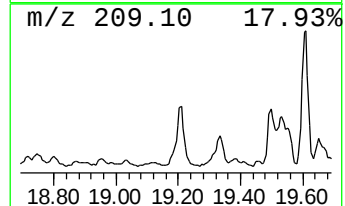
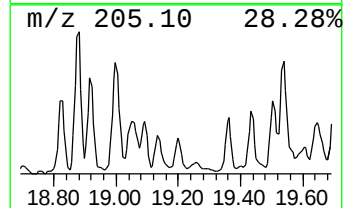
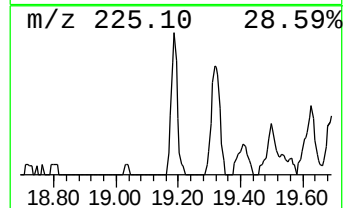
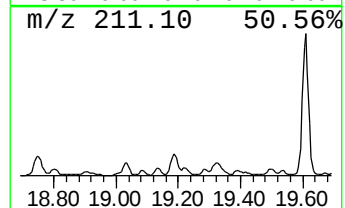
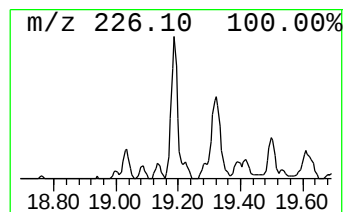
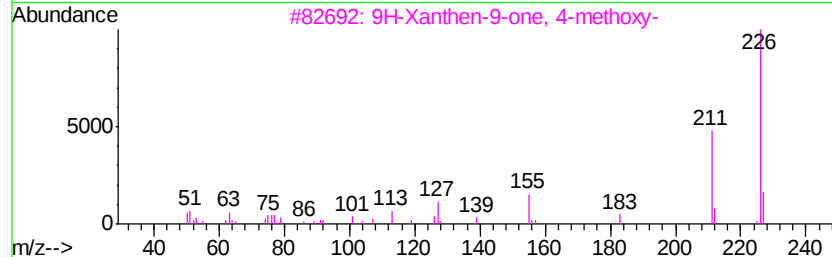
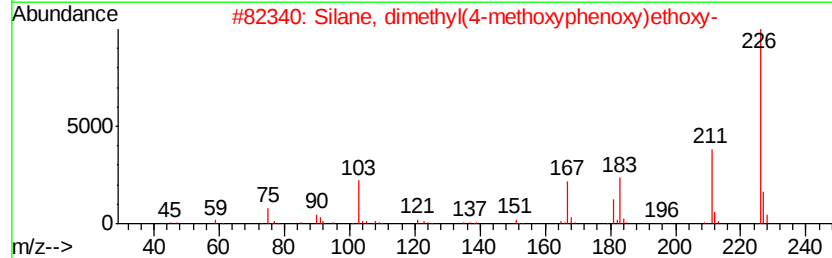
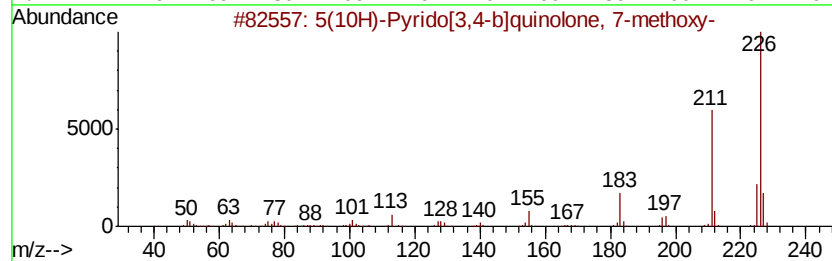
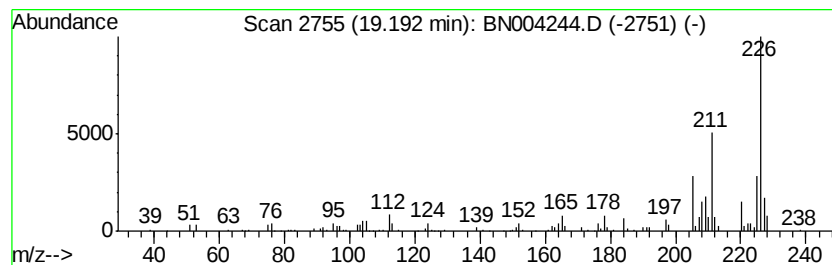
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	5.13 ng/ul	151344	Phenanthrene-d10	17.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	64
2			Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	64
3			9H-Xanthen-9-one, 4-methoxy-	226	C14H10O3	006702-58-5	59
4			Benzenamine, 4,4'-methylenebis[2...	226	C15H18N2	000838-88-0	59
5			N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
Misc :
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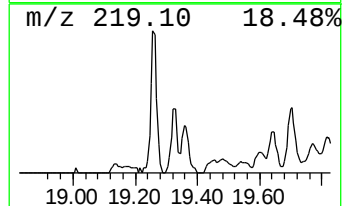
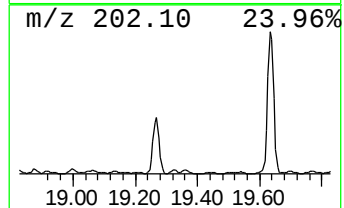
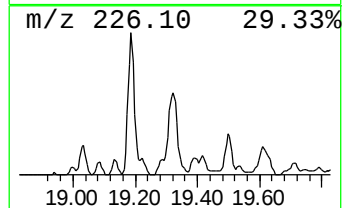
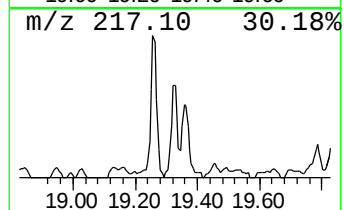
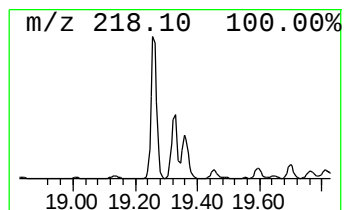
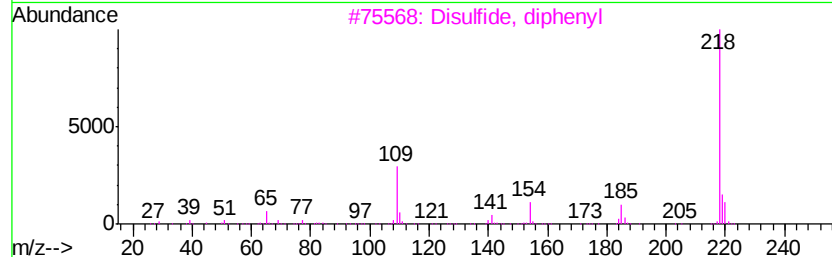
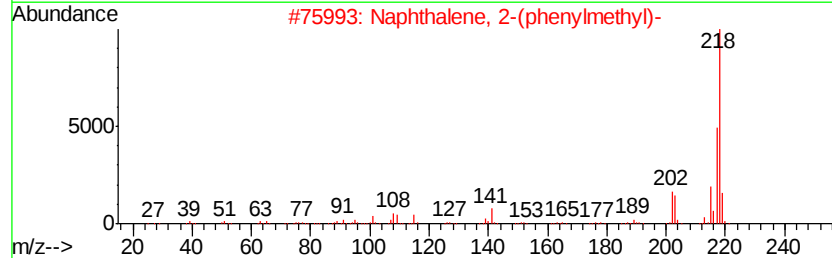
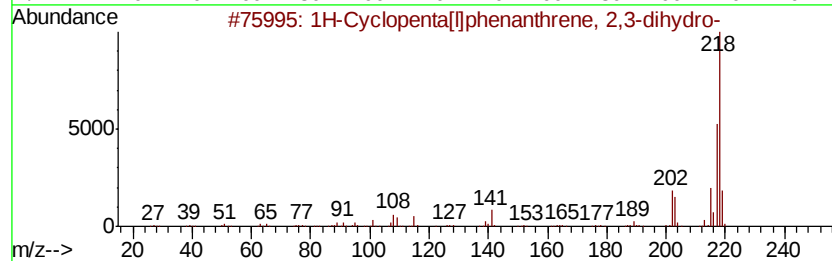
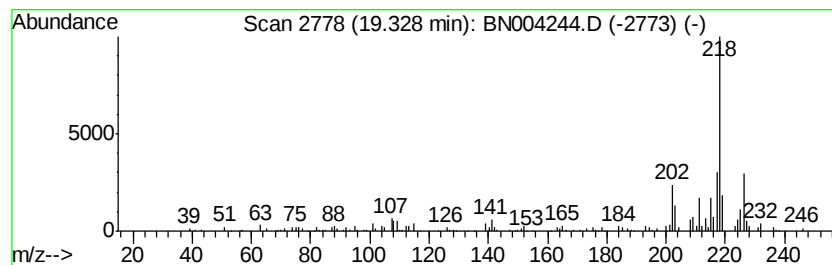
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 unknown-01 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	2.62 ng/ul	158493	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopenta[1]phenanthrene, 2,...	218	C17H14	000723-98-8	49
2			Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	47
3			Disulfide, diphenyl	218	C12H10S2	000882-33-7	38
4			7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	38
5			8-Amino-2,6-dimethoxylepidine	218	C12H14N2O2	074509-65-2	38



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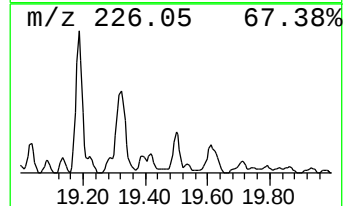
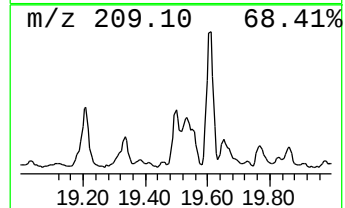
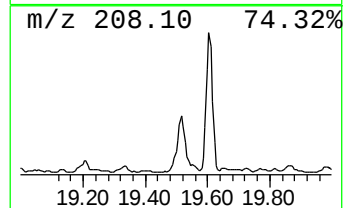
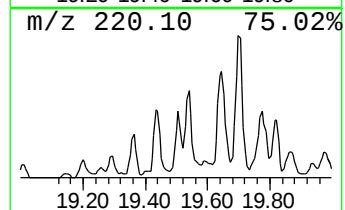
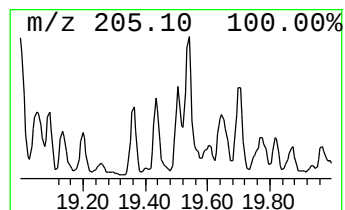
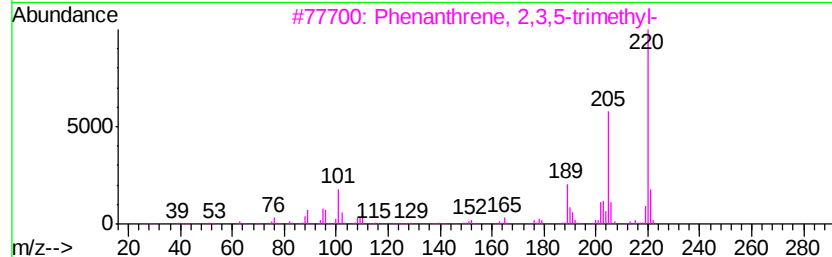
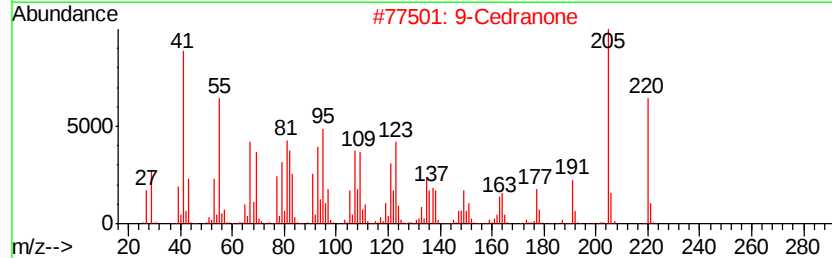
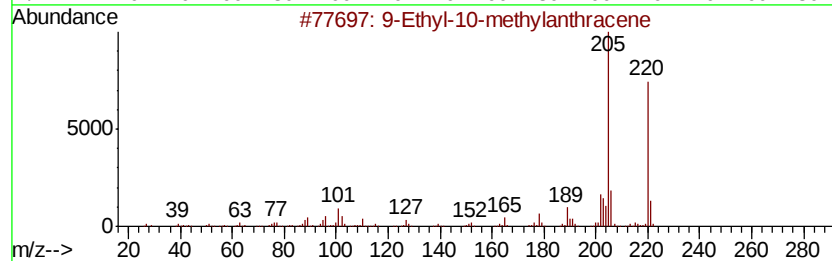
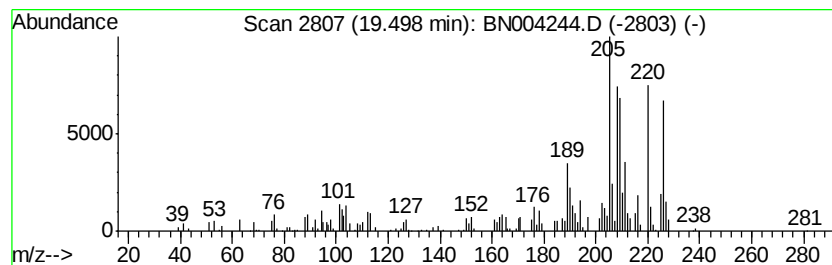
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Quant Title : SVOA CALIBRATION

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

Peak Number 39 9-Ethyl-10-methylanthracene Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.50	2.17 ng/ul	131297	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Ethyl-10-methylanthracene	220	C17H16	019713-49-6	62
2			9-Cedranone	220	C15H24O	1000156-23-2	56
3			Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	50
4			1-Ethyl-2-methylphenanthrene	220	C17H16	061983-53-7	41
5			Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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ALS Vial : 11 Sample Multiplier: 1

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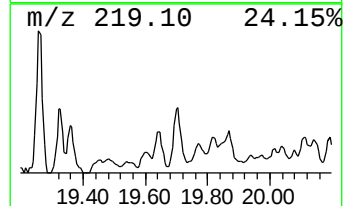
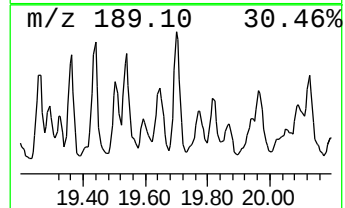
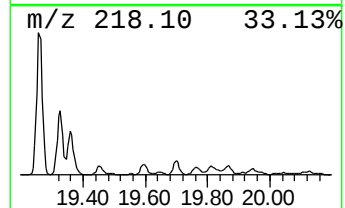
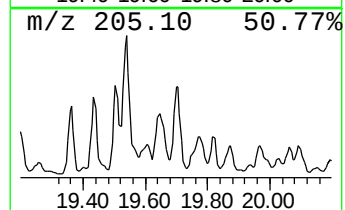
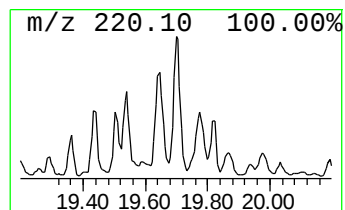
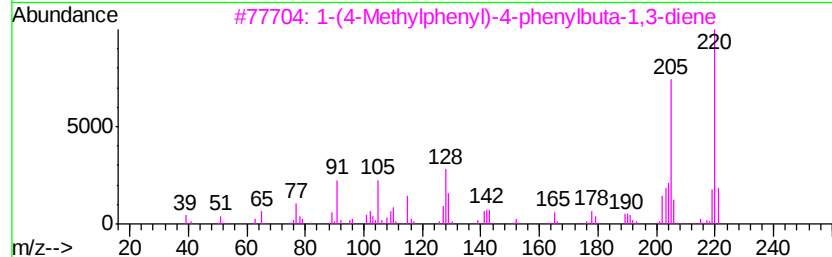
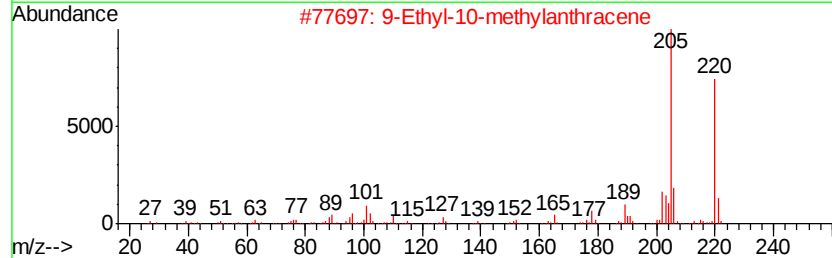
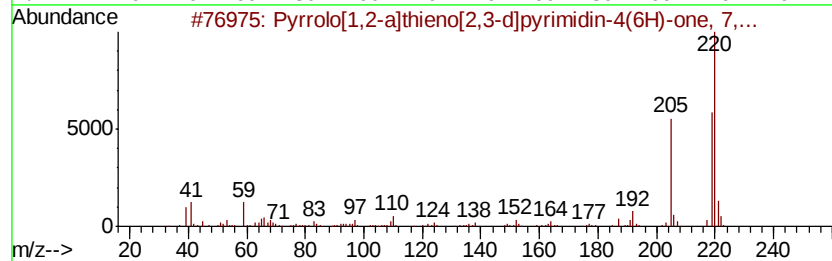
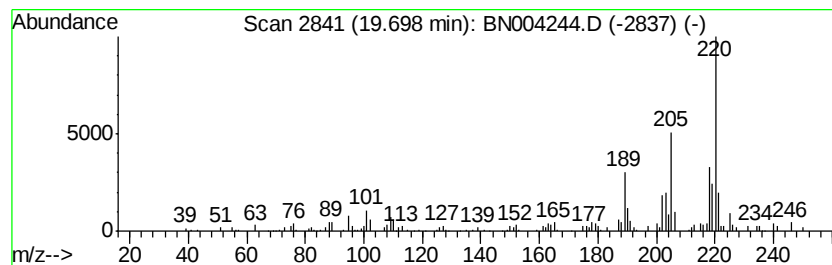
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Quant Title : SVOA CALIBRATION

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

Peak Number 40 Pyrrolo[1,2-a]thieno[2,3-d]... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.16 ng/ul	130435	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	60
2		9-Ethyl-10-methylantracene	220	C17H16	019713-49-6	55
3		1-(4-Methylphenyl)-4-phenylbuta...	220	C17H16	037985-11-8	52
4		Phenmethylnitrile, .alpha.,.alpha...	220	C11H12N2O3	1000128-94-6	50
5		Anthracene, 9-(1-methylethyl)-	220	C17H16	001498-80-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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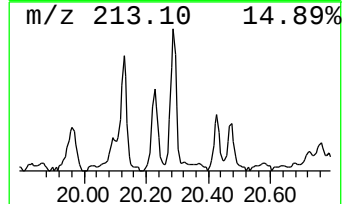
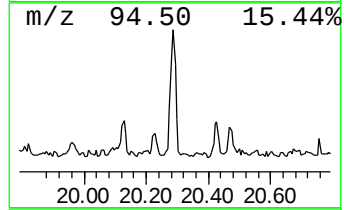
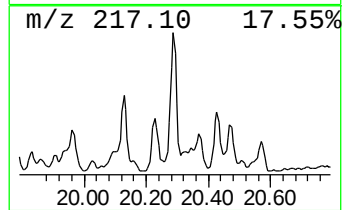
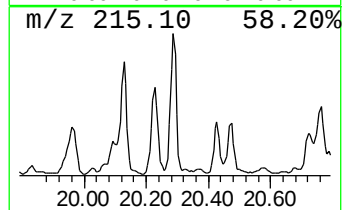
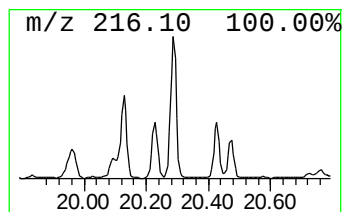
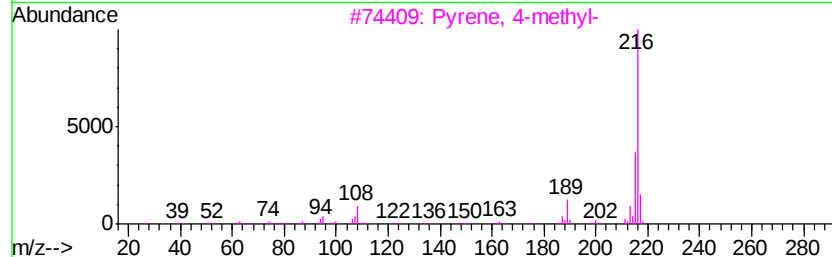
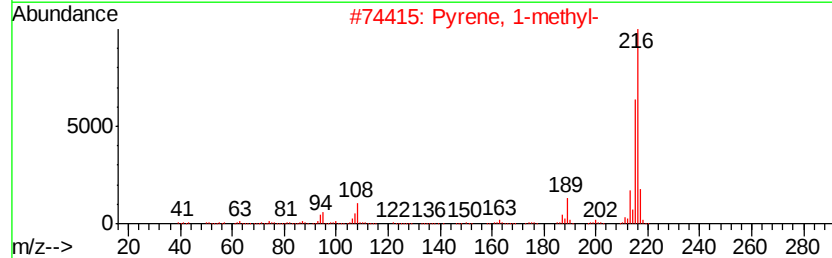
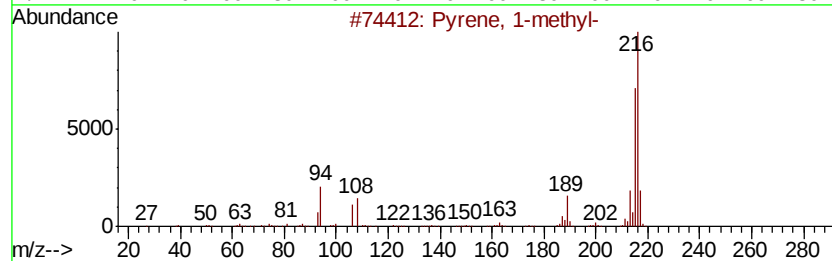
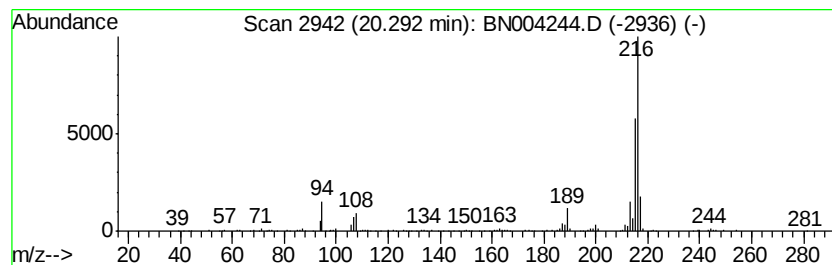
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Quant Title : SVOA CALIBRATION

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

Peak Number 43 Pyrene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.29	5.26 ng/ul	317598	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	99
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
Misc :
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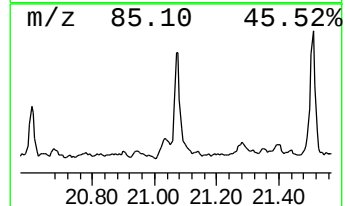
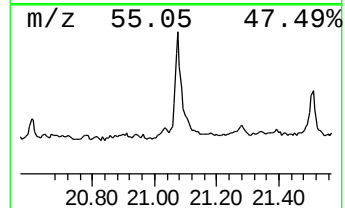
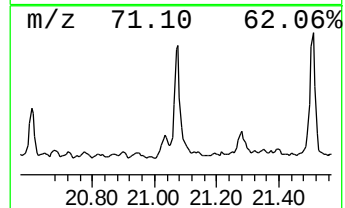
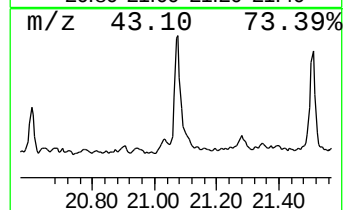
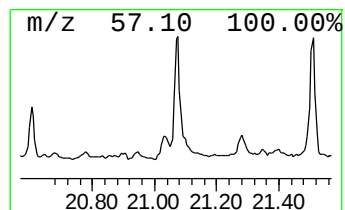
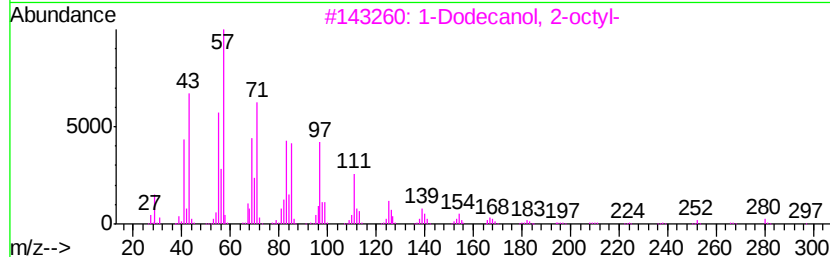
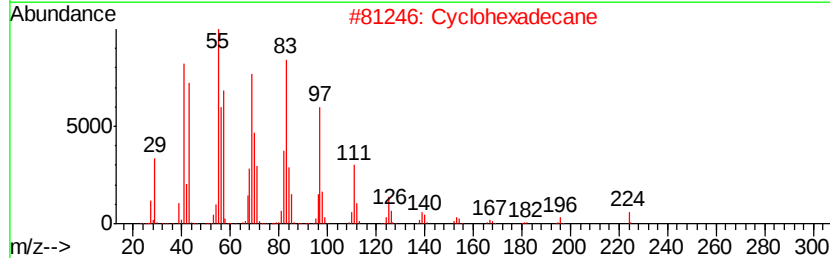
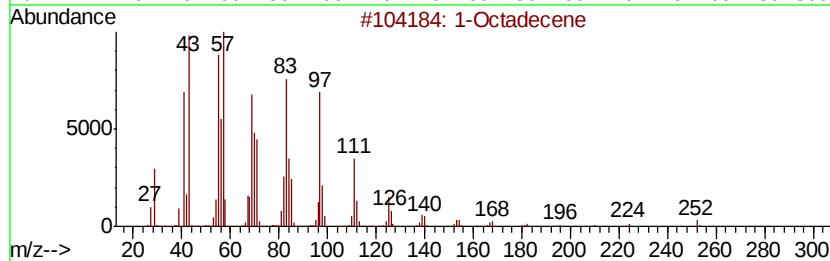
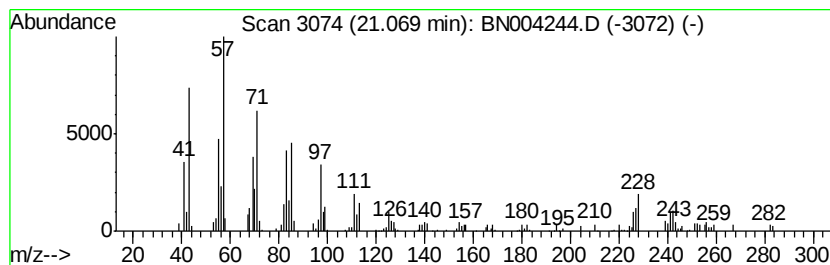
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Quant Title : SVOA CALIBRATION

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

Peak Number 47 (DEL) Alkane: Cyclic21.07 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.97 ng/ul	179071	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Octadecene	252	C18H36	000112-88-9	83
2			Cyclohexadecane	224	C16H32	000295-65-8	68
3			1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	64
4			1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	64
5			E-15-Heptadecenal	252	C17H32O	1000130-97-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
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Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

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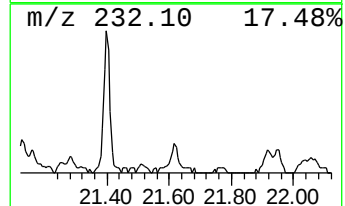
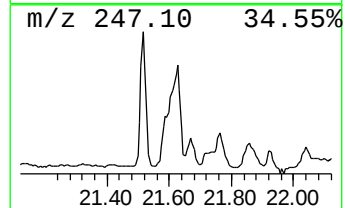
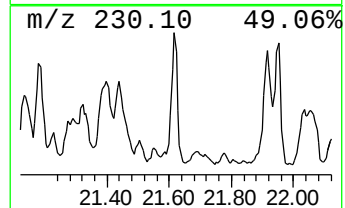
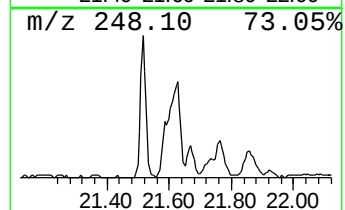
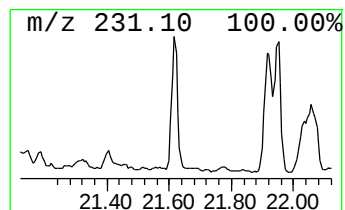
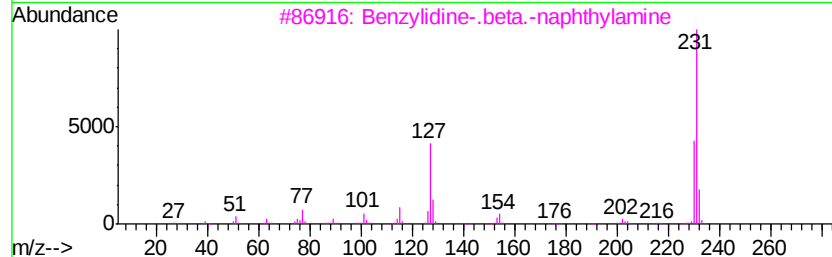
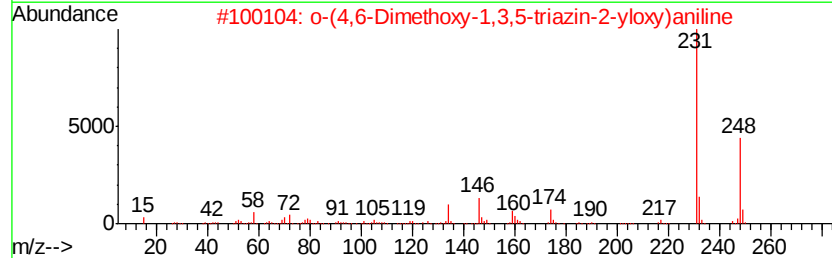
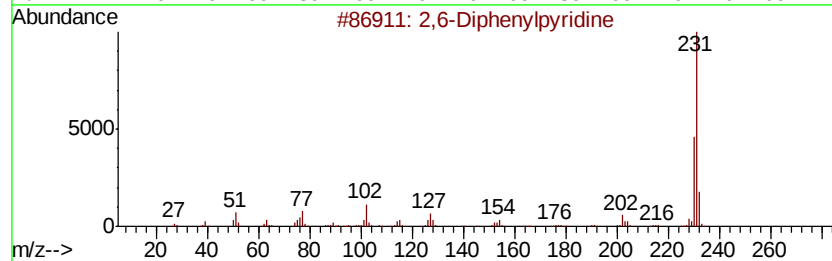
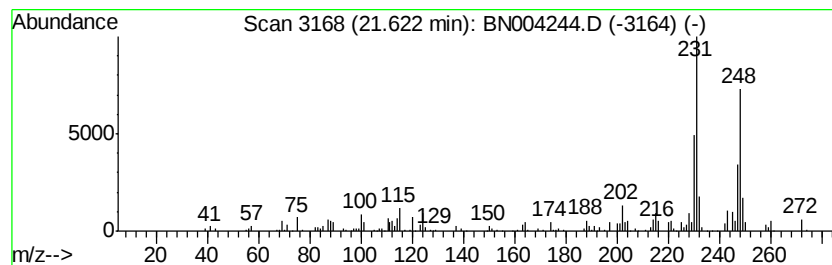
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Quant Title : SVOA CALIBRATION

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

Peak Number 49 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.62	2.11 ng/ul	127230	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2,6-Diphenylpyridine	231	C17H13N	003558-69-8	49
2			o-(4,6-Dimethoxy-1,3,5-triazin-2-yl)aniline	248	C11H12N4O3	028523-28-6	49
3			Benzylidene-.beta.-naphthylamine	231	C17H13N	000891-32-7	47
4			o-(4,6-Dimethoxy-1,3,5-triazin-2-yl)aniline	248	C11H12N4O3	028691-01-2	47
5			2,6-Diphenylpyridine	231	C17H13N	003558-69-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
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Misc :
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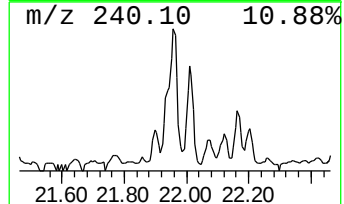
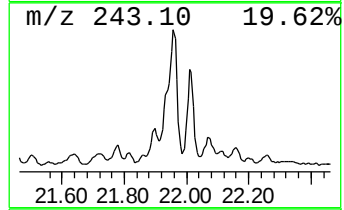
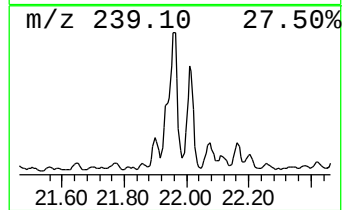
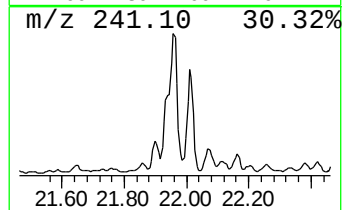
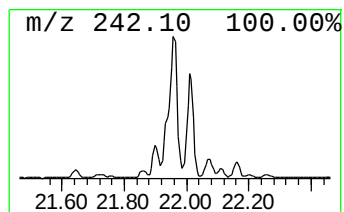
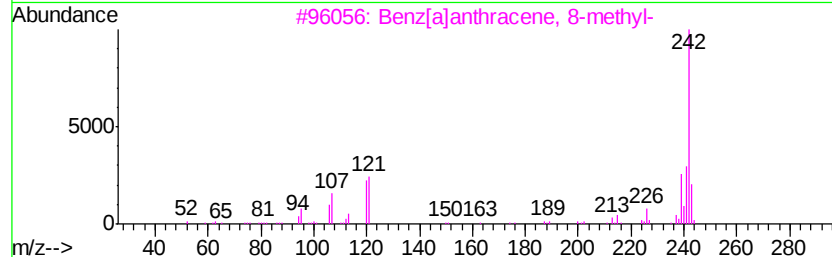
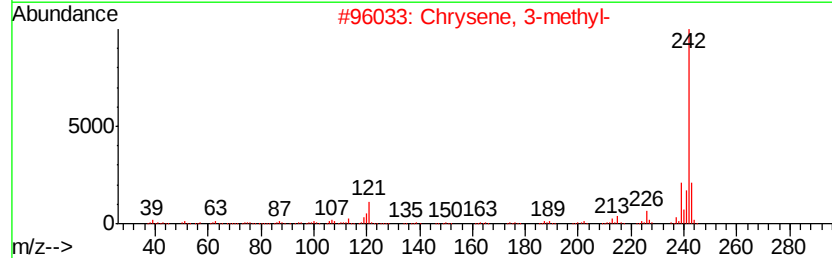
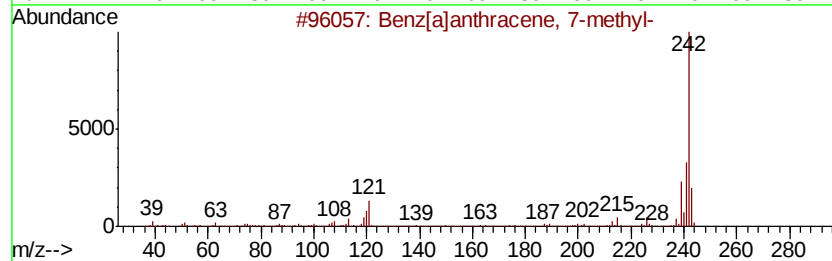
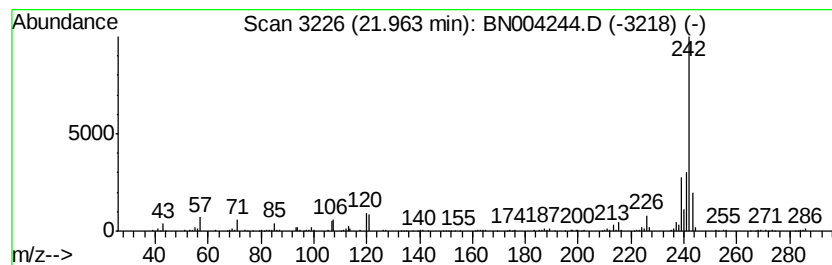
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Quant Title : SVOA CALIBRATION

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

Peak Number 50 Benz[a]anthracene, 7-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.96	7.99 ng/ul	482261	Chrysene-d12	21.40

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
2			Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
3			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4			Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	95
5			Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
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Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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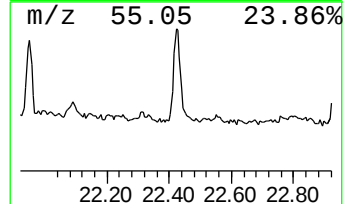
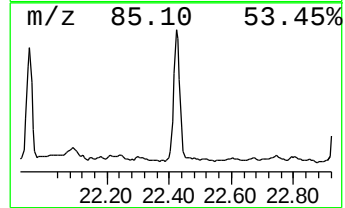
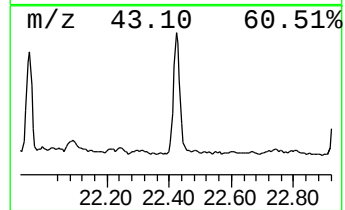
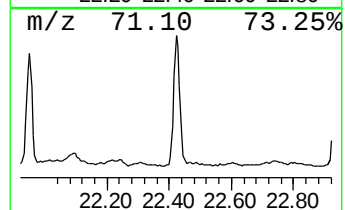
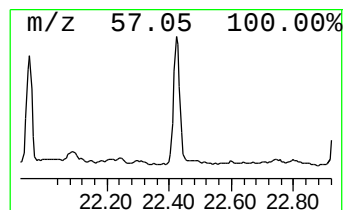
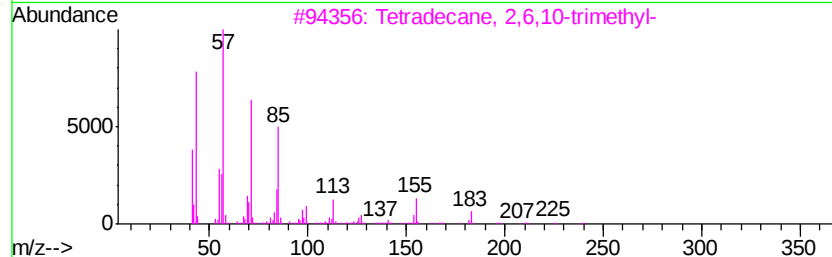
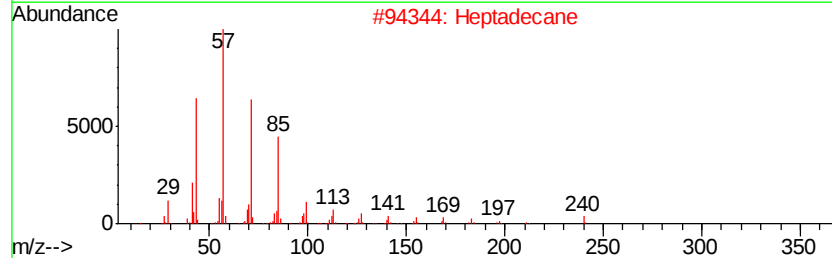
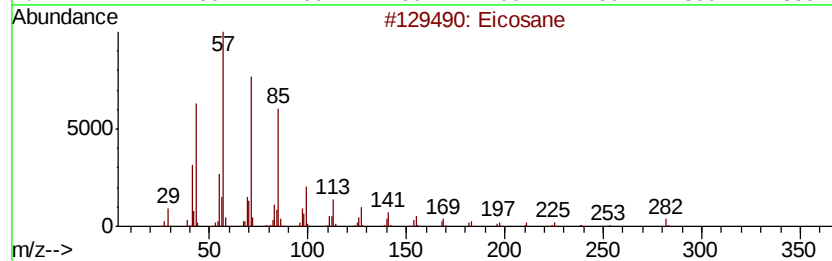
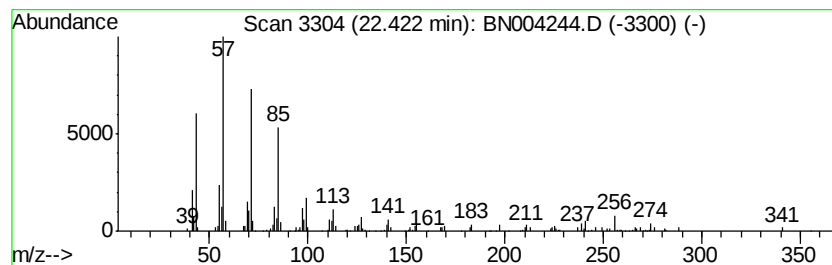
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Quant Title : SVOA CALIBRATION

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

Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.93 ng/ul	176797	Chrysene-d12	21.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Heptadecane	240	C17H36	000629-78-7	93
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4		Heptadecane	240	C17H36	000629-78-7	91
5		Octacosane	394	C28H58	000630-02-4	91



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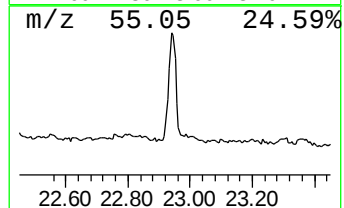
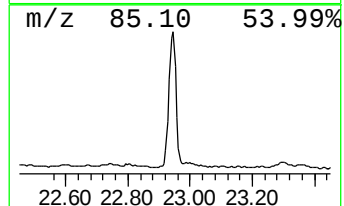
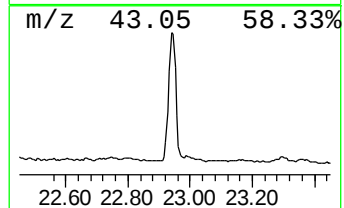
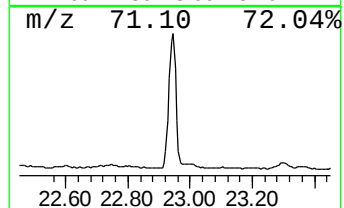
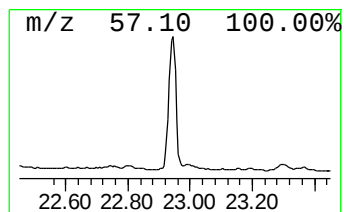
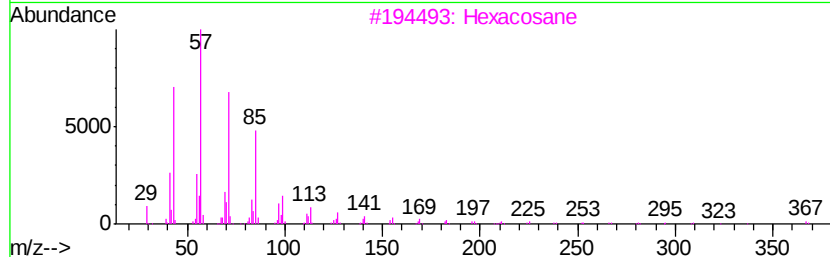
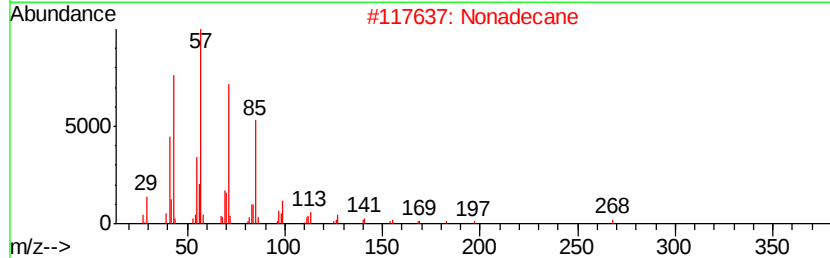
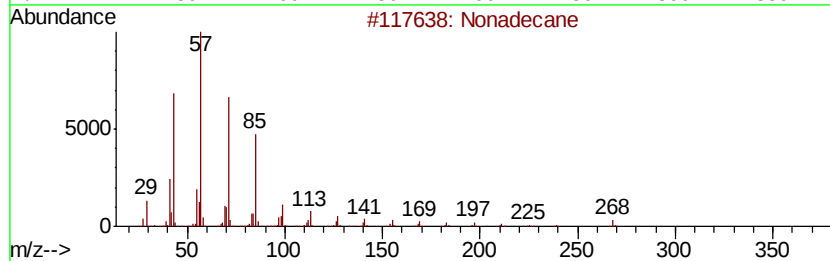
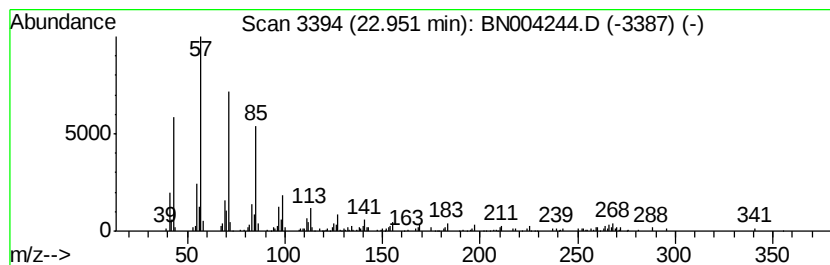
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Quant Title : SVOA CALIBRATION

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

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.95	7.32 ng/ul	293081	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	95
2			Nonadecane	268	C19H40	000629-92-5	93
3			Hexacosane	366	C26H54	000630-01-3	90
4			Docosane	310	C22H46	000629-97-0	90
5			2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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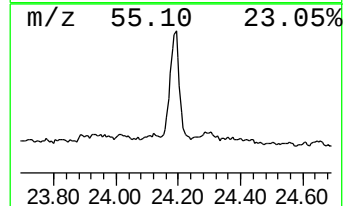
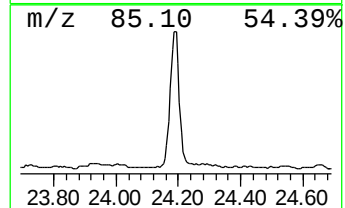
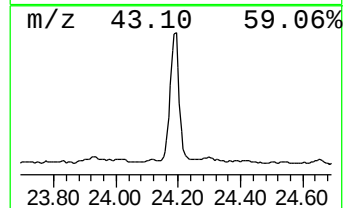
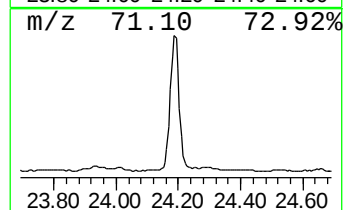
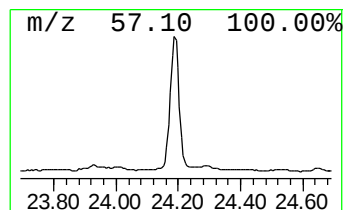
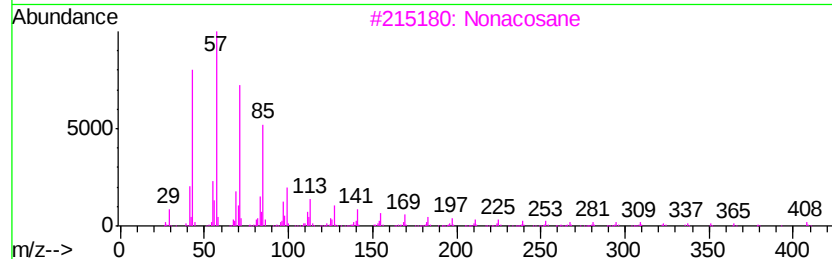
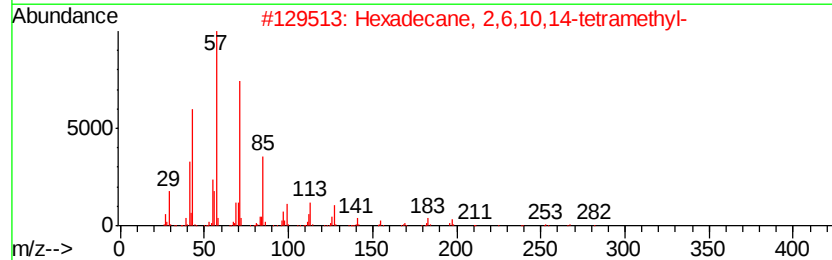
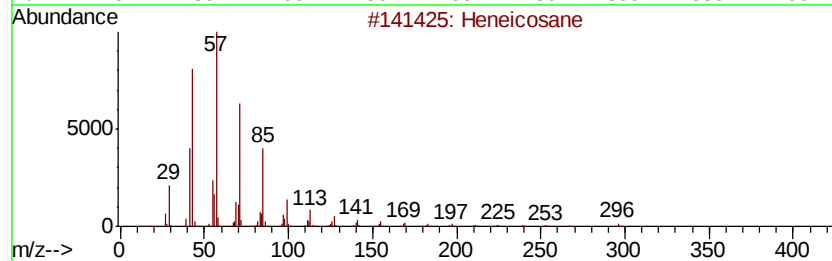
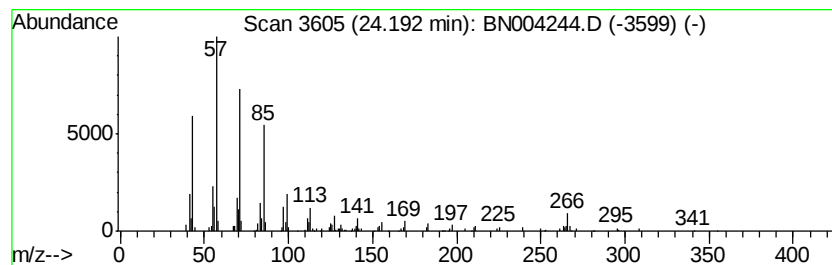
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Quant Title : SVOA CALIBRATION

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

Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.19	8.94 ng/ul	357789	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	97
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	95
3			Nonacosane	408	C29H60	000630-03-5	87
4			Hentriacontane	437	C31H64	000630-04-6	87
5			Pentacosane	352	C25H52	000629-99-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F86

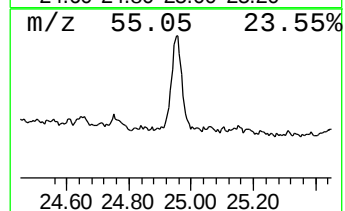
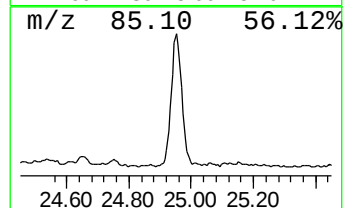
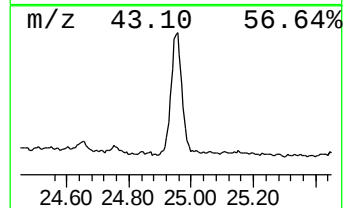
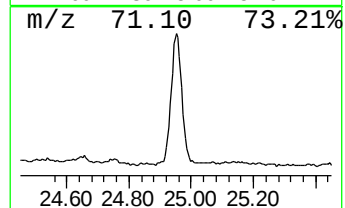
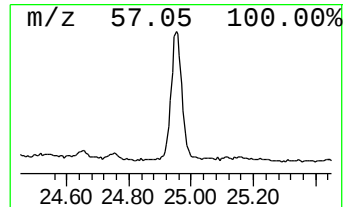
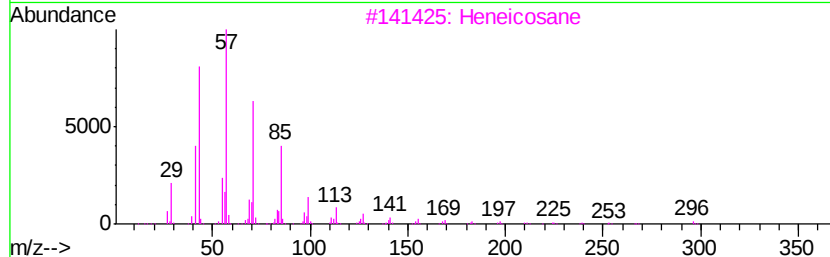
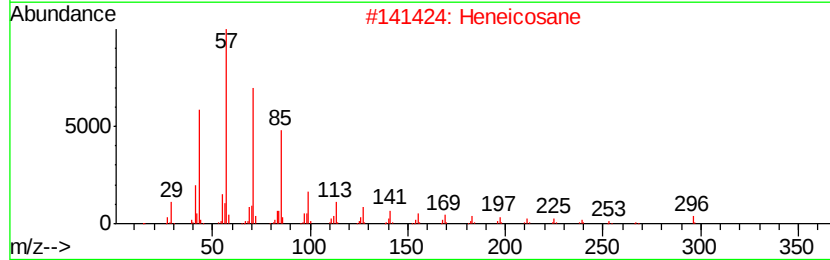
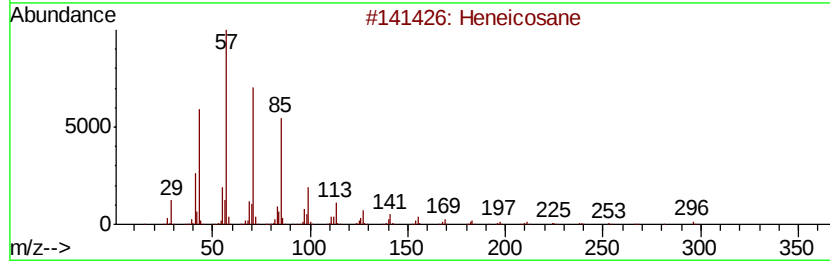
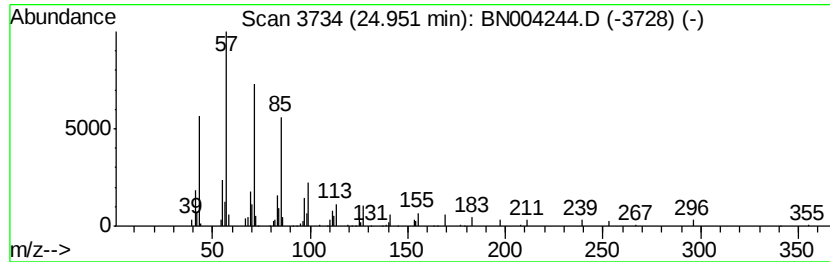
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Quant Title : SVOA CALIBRATION

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

Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.95	4.31 ng/ul	172552	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	98
2			Heneicosane	296	C21H44	000629-94-7	97
3			Heneicosane	296	C21H44	000629-94-7	96
4			Eicosane, 2-methyl-	296	C21H44	001560-84-5	93
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122718\
Data File : BN004244.D
Acq On : 27 Dec 2018 17:05
Operator : JU/SJ
Sample : J6489-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F86

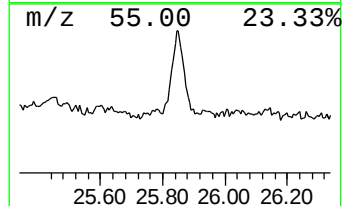
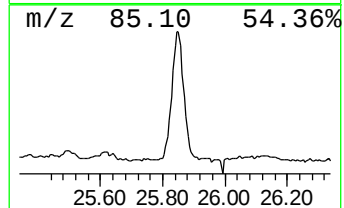
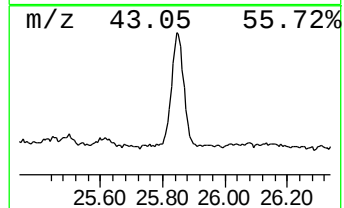
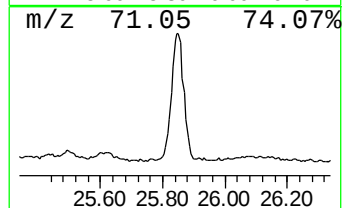
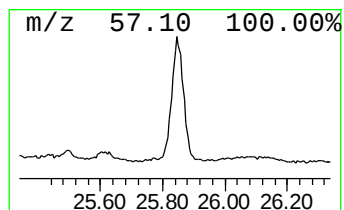
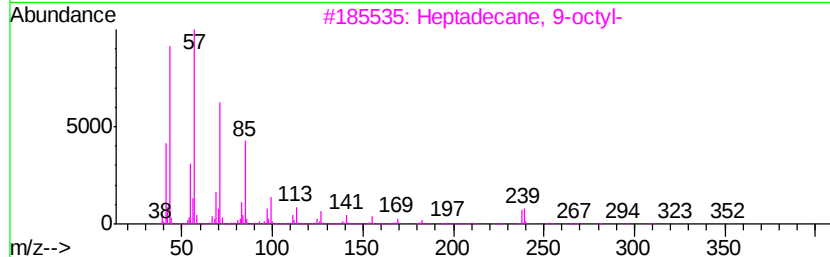
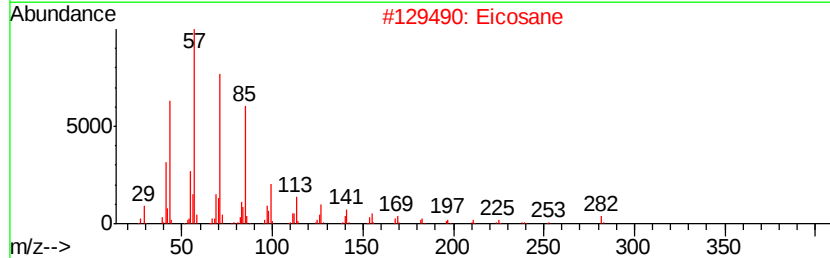
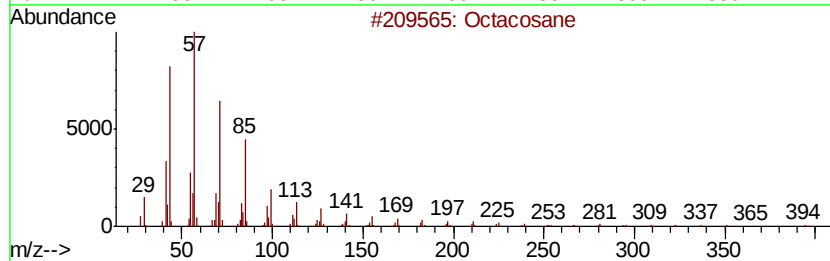
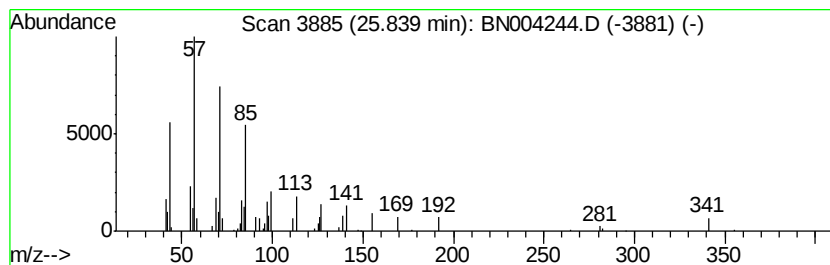
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.84	2.16 ng/ul	86539	Perylene-d12	23.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octacosane	394	C28H58	000630-02-4	91
2			Eicosane	282	C20H42	000112-95-8	91
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Tetratetracontane	619	C44H90	007098-22-8	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122718\
 Data File : BN004244.D
 Acq On : 27 Dec 2018 17:05
 Operator : JU/SJ
 Sample : J6489-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F9F86

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...	11.60	6.0	ng/ul	92311	2	10.62	305950	20.0
(DEL) Alkane: Str...	12.96	5.8	ng/ul	133251	3	14.46	462770	20.0
Naphthalene, 2,6-...	13.63	6.2	ng/ul	143629	3	14.46	462770	20.0
Naphthalene, 1,7-...	13.78	5.7	ng/ul	130970	3	14.46	462770	20.0
Naphthalene, 1,4,...	14.85	8.2	ng/ul	189724	3	14.46	462770	20.0
Naphthalene, 1,6,...	14.93	6.4	ng/ul	148009	3	14.46	462770	20.0
Naphthalene, 2,3,...	15.12	3.5	ng/ul	81541	3	14.46	462770	20.0
(DEL) Alkane: Str...	15.67	9.3	ng/ul	215437	3	14.46	462770	20.0
(DEL) Alkane: Str...	16.16	10.7	ng/ul	315073	4	17.21	589881	20.0
9H-Fluorene, 2-me...	16.49	6.0	ng/ul	175644	4	17.21	589881	20.0
1,1'-Biphenyl, 2-...	16.77	3.9	ng/ul	116304	4	17.21	589881	20.0
(DEL) Alkane: Str...	16.97	7.1	ng/ul	209785	4	17.21	589881	20.0
Naphtho[2,1-b]thi...	17.03	12.5	ng/ul	368480	4	17.21	589881	20.0
.alpha.-Methylsti...	17.40	7.4	ng/ul	217047	4	17.21	589881	20.0
Phenanthrene, 9,1...	17.49	6.0	ng/ul	177726	4	17.21	589881	20.0
4-Methylnaphtho[1...	17.79	15.1	ng/ul	446302	4	17.21	589881	20.0
Phenanthrene, 2-m...	18.21	7.1	ng/ul	208170	4	17.21	589881	20.0
Anthracene, 2-met...	18.27	10.3	ng/ul	305035	4	17.21	589881	20.0
1H-Indene, 2-phenyl-	18.32	9.6	ng/ul	284148	4	17.21	589881	20.0
9H-Carbazole, 2-m...	18.43	3.0	ng/ul	87740	4	17.21	589881	20.0
3,7-Dimethyldiben...	18.47	4.8	ng/ul	141085	4	17.21	589881	20.0
Anthracene, 9-ethyl-	18.70	4.0	ng/ul	118431	4	17.21	589881	20.0
Phenanthrene, 4,5...	18.83	14.6	ng/ul	431900	4	17.21	589881	20.0
Phenanthrene, 3,6...	18.92	6.9	ng/ul	203554	4	17.21	589881	20.0
di-p-Tolylacetylene	19.06	8.2	ng/ul	240322	4	17.21	589881	20.0
Phenanthrene, 2,5...	19.09	4.0	ng/ul	118453	4	17.21	589881	20.0
5(10H)-Pyrido[3,4...	19.19	5.1	ng/ul	151344	4	17.21	589881	20.0
unknown-01	19.33	2.6	ng/ul	158493	5	21.40	1207600	20.0
9-Ethyl-10-methyl...	19.50	2.2	ng/ul	131297	5	21.40	1207600	20.0
Pyrrolo[1,2-a]thi...	19.70	2.2	ng/ul	130435	5	21.40	1207600	20.0
Pyrene, 1-methyl-	20.29	5.3	ng/ul	317598	5	21.40	1207600	20.0
(DEL) Alkane: Cyc...	21.07	3.0	ng/ul	179071	5	21.40	1207600	20.0
unknown-02	21.62	2.1	ng/ul	127230	5	21.40	1207600	20.0
Benz[a]anthracene...	21.96	8.0	ng/ul	482261	5	21.40	1207600	20.0
(DEL) Alkane: Str...	22.42	2.9	ng/ul	176797	5	21.40	1207600	20.0
(DEL) Alkane: Str...	22.95	7.3	ng/ul	293081	6	23.72	800579	20.0
(DEL) Alkane: Str...	24.19	8.9	ng/ul	357789	6	23.72	800579	20.0
(DEL) Alkane: Str...	24.95	4.3	ng/ul	172552	6	23.72	800579	20.0
(DEL) Alkane: Str...	25.84	2.2	ng/ul	86539	6	23.72	800579	20.0