

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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-BN041919MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.299	386	393	404	rBV	9831300	19672898	4.25%	0.385%
2	5.658	443	454	466	rBV2	11433849	28158347	6.08%	0.551%
3	6.711	625	633	638	rBV	7944414	12291601	2.65%	0.240%
4	6.840	649	655	665	rVB	10509021	16920167	3.65%	0.331%
5	7.281	720	730	736	rVV3	42875079	96344703	20.79%	1.885%
6	7.352	736	742	750	rVB	13369163	19997782	4.32%	0.391%
7	7.716	795	804	810	rVV	11481736	18435936	3.98%	0.361%
8	7.969	840	847	855	rVB	4995614	8097000	1.75%	0.158%
9	8.152	866	878	883	rBV2	41437377	92607894	19.98%	1.812%
10	8.234	883	892	898	rBV	5930512	9600932	2.07%	0.188%
11	8.693	965	970	976	rBV	9828077	15847766	3.42%	0.310%
12	8.828	989	993	995	rVV	6233480	8579150	1.85%	0.168%
13	8.863	995	999	1007	rVB	12057881	23415050	5.05%	0.458%
14	9.275	1063	1069	1076	rVB	9270205	16612625	3.58%	0.325%
15	9.352	1076	1082	1088	rBV	8920124	15515675	3.35%	0.304%
16	9.816	1145	1161	1166	rBV3	22046153	65233452	14.08%	1.276%
17	9.887	1166	1173	1178	rBV	17934502	45483238	9.81%	0.890%
18	10.081	1200	1206	1214	rBV2	3465922	8607789	1.86%	0.168%
19	10.551	1256	1286	1289	rBV5	59417257	455445363	98.28%	8.910%
20	10.593	1289	1293	1300	rVB	10886745	15191227	3.28%	0.297%
21	11.304	1405	1414	1420	rBV4	4024033	10284621	2.22%	0.201%
22	11.410	1427	1432	1437	rBV2	6001243	10745476	2.32%	0.210%
23	11.563	1455	1458	1467	rVB	5186991	9709151	2.10%	0.190%
24	11.875	1500	1511	1517	rBV2	12671338	38582470	8.33%	0.755%
25	12.157	1534	1559	1564	rVB4	65108209	463432831	100.00%	9.067%
26	12.369	1574	1595	1599	rBV2	63121535	288137244	62.17%	5.637%
27	13.087	1709	1717	1729	rBV3	37557617	77491195	16.72%	1.516%
28	13.281	1743	1750	1763	rVB	28017791	72364180	15.61%	1.416%
29	13.469	1765	1782	1785	rBV3	59841351	223736571	48.28%	4.377%
30	13.616	1793	1807	1810	rBV4	55368080	182538073	39.39%	3.571%
31	13.663	1810	1815	1820	rVB2	53380642	91205099	19.68%	1.784%
32	13.734	1820	1827	1834	rVB2	41634804	74764269	16.13%	1.463%
33	13.840	1835	1845	1848	rBV	38779530	86970178	18.77%	1.701%
34	14.010	1863	1874	1879	rVB2	64121307	149807909	32.33%	2.931%

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Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Title : SVOA CALIBRATION

35	14.169	1897	1901	1905	rBV	8183528	10464034	2.26%	0.205%
36	14.240	1905	1913	1920	rVB	32989719	55028686	11.87%	1.077%
37	14.322	1920	1927	1929	rBV2	18370303	35319961	7.62%	0.691%
38	14.469	1945	1952	1960	rVB	14911943	34797109	7.51%	0.681%
39	14.551	1960	1966	1973	rBV2	6912131	11376214	2.45%	0.223%
40	14.657	1973	1984	1991	rBV3	27260294	59785162	12.90%	1.170%
41	14.740	1991	1998	2004	rVB	22899200	35281882	7.61%	0.690%
42	14.869	2012	2020	2025	rBV2	25867045	55971115	12.08%	1.095%
43	14.934	2027	2031	2034	rVB	16389192	20664303	4.46%	0.404%
44	15.028	2041	2047	2048	rBV	9555248	14130384	3.05%	0.276%
45	15.128	2060	2064	2069	rVB	21620659	31137356	6.72%	0.609%
46	15.204	2071	2077	2080	rBV2	9133517	16448981	3.55%	0.322%
47	15.245	2080	2084	2089	rVB2	21877635	35389577	7.64%	0.692%
48	15.334	2089	2099	2107	rVB3	48738300	127530995	27.52%	2.495%
49	15.428	2107	2115	2119	rBV3	13205586	27976620	6.04%	0.547%
50	15.516	2126	2130	2135	rBV4	7302681	12295940	2.65%	0.241%
51	15.598	2139	2144	2149	rBV2	11476470	19134080	4.13%	0.374%
52	15.745	2166	2169	2177	rVB2	8850725	17313714	3.74%	0.339%
53	15.981	2203	2209	2213	rBV2	7966971	14183159	3.06%	0.277%
54	16.310	2257	2265	2270	rVV2	20627392	51797366	11.18%	1.013%
55	16.363	2270	2274	2279	rVB	22590241	30483096	6.58%	0.596%
56	16.457	2285	2290	2295	rVB2	13140724	20241333	4.37%	0.396%
57	16.669	2321	2326	2331	rVB2	8073631	13450769	2.90%	0.263%
58	16.816	2343	2351	2364	rVB	17875363	35624514	7.69%	0.697%
59	17.104	2377	2400	2404	rBV2	64732738	276903869	59.75%	5.417%
60	17.163	2404	2410	2413	rBV2	32081416	45013669	9.71%	0.881%
61	17.528	2467	2472	2475	rBV2	9592533	12675209	2.74%	0.248%
62	17.581	2476	2481	2489	rVB3	11189116	20795477	4.49%	0.407%
63	17.722	2497	2505	2511	rVB2	6848742	19410627	4.19%	0.380%
64	17.898	2526	2535	2538	rVV2	44567270	91406798	19.72%	1.788%
65	17.951	2538	2544	2548	rVV2	49144673	90453637	19.52%	1.770%
66	18.022	2551	2556	2561	rVV	10177113	14471345	3.12%	0.283%
67	18.092	2561	2568	2571	rBV2	48298261	92857518	20.04%	1.817%
68	18.128	2571	2574	2581	rVB	32605967	47930793	10.34%	0.938%
69	18.392	2614	2619	2623	rVV	25763023	43431669	9.37%	0.850%
70	18.445	2623	2628	2636	rVB	19284727	29354500	6.33%	0.574%
71	18.633	2651	2660	2665	rBV3	9822193	19336846	4.17%	0.378%

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72	18.686	2665	2669	2672	rVV	11056281	15958630	3.44%	0.312%
73	18.728	2672	2676	2680	rVB	6241018	8339717	1.80%	0.163%
74	18.810	2685	2690	2695	rBV2	17225754	34373435	7.42%	0.672%
75	18.904	2704	2706	2710	rVB	11018583	13185014	2.85%	0.258%
76	18.957	2710	2715	2717	rBV2	6442947	10610542	2.29%	0.208%
77	19.092	2729	2738	2743	rBV3	45728551	95972531	20.71%	1.878%
78	19.151	2743	2748	2751	rVV	7814618	11872175	2.56%	0.232%
79	19.186	2751	2754	2757	rVV2	5358345	8897783	1.92%	0.174%
80	19.233	2757	2762	2767	rVV	22573477	35099781	7.57%	0.687%
81	19.298	2768	2773	2778	rVV3	6978660	12724448	2.75%	0.249%
82	19.469	2792	2802	2807	rVV2	52292735	124316590	26.83%	2.432%
83	19.522	2807	2811	2816	rVB2	7216084	10732181	2.32%	0.210%
84	19.775	2849	2854	2864	rBV3	10112382	21379567	4.61%	0.418%
85	19.910	2872	2877	2880	rVV3	9311922	18600707	4.01%	0.364%
86	19.951	2880	2884	2888	rVB	19744304	28942515	6.25%	0.566%
87	20.051	2896	2901	2906	rVB	15596915	21416462	4.62%	0.419%
88	20.110	2906	2911	2915	rBV	13768953	17097708	3.69%	0.335%
89	20.245	2930	2934	2938	rBV	9204528	13208145	2.85%	0.258%
90	20.292	2938	2942	2950	rVB	14101962	19253277	4.15%	0.377%
91	20.910	3043	3047	3050	rVV	8792773	10290838	2.22%	0.201%
92	21.222	3094	3100	3105	rBV2	32413838	56962146	12.29%	1.114%
93	21.274	3105	3109	3114	rVB	28495745	41005242	8.85%	0.802%
94	21.439	3133	3137	3142	rVB	8494430	10841771	2.34%	0.212%
95	21.786	3192	3196	3200	rVV	9683027	14612239	3.15%	0.286%
96	22.010	3231	3234	3239	rVB2	6655395	9062687	1.96%	0.177%
97	22.798	3361	3368	3379	rVB2	10647678	35732395	7.71%	0.699%
98	23.257	3440	3446	3451	rBV	7311362	12722772	2.75%	0.249%
99	23.351	3456	3462	3469	rVB	11817066	22545948	4.86%	0.441%
100	25.633	3841	3850	3860	rVB	4875520	13946247	3.01%	0.273%

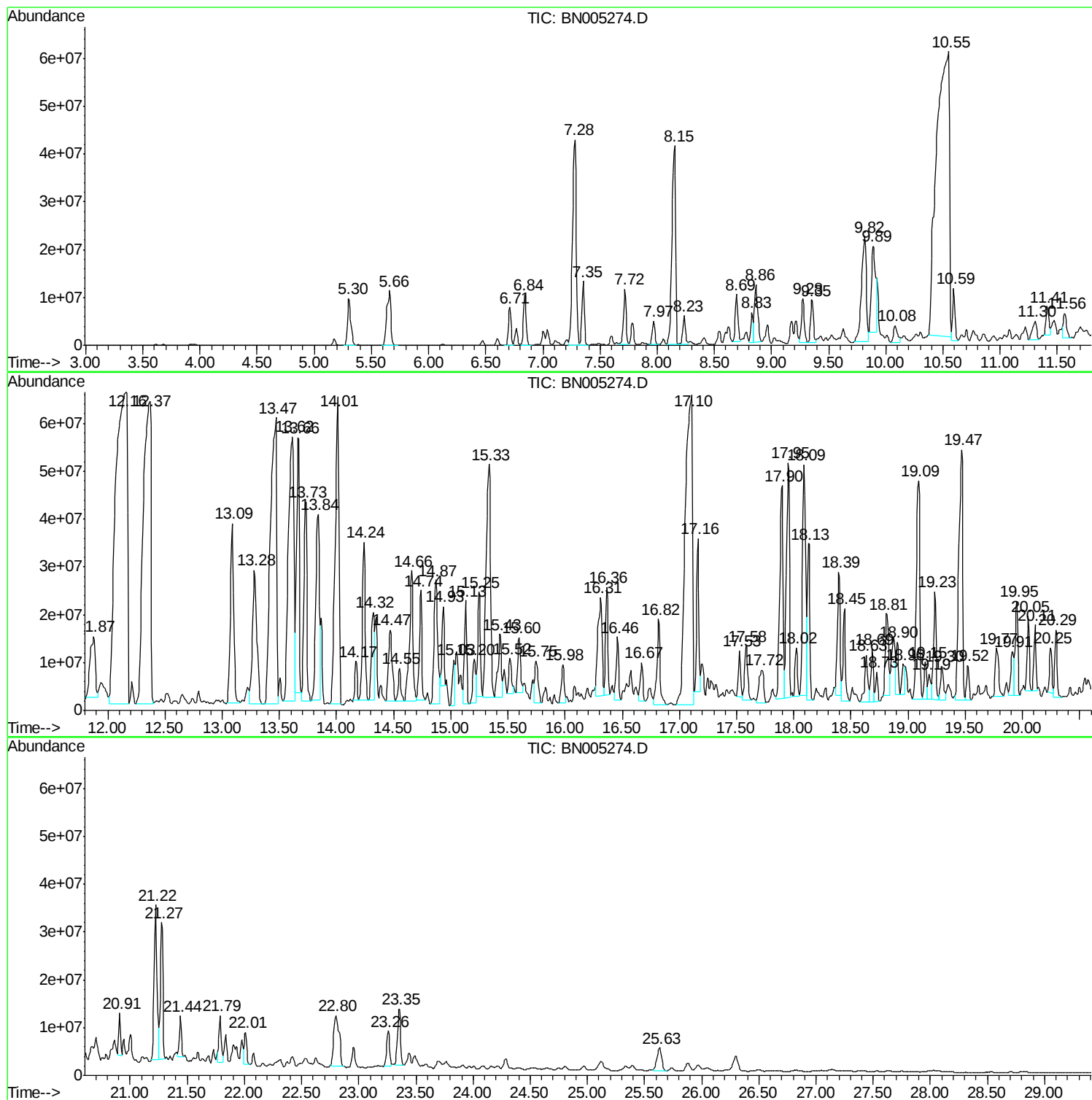
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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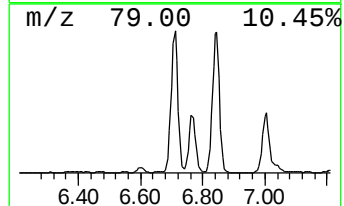
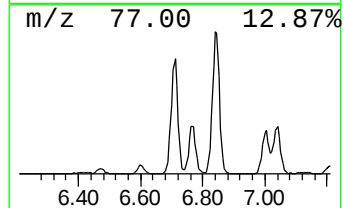
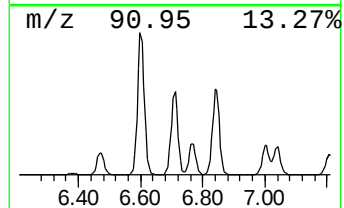
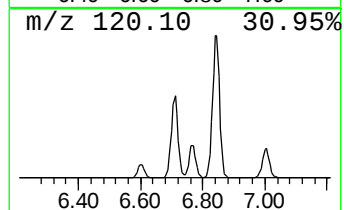
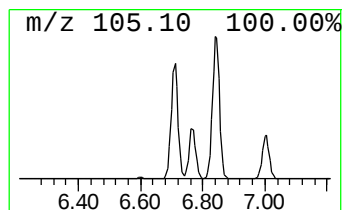
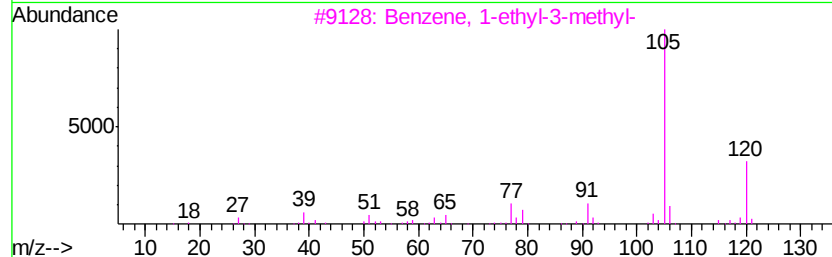
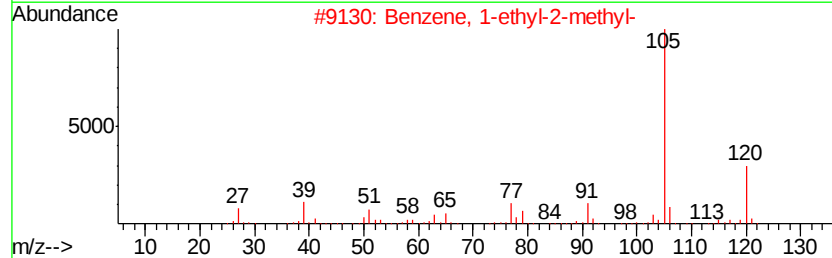
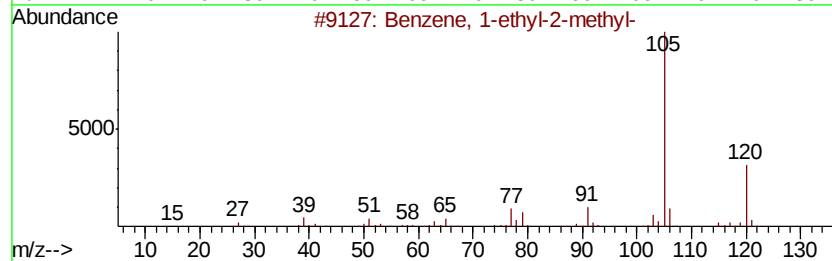
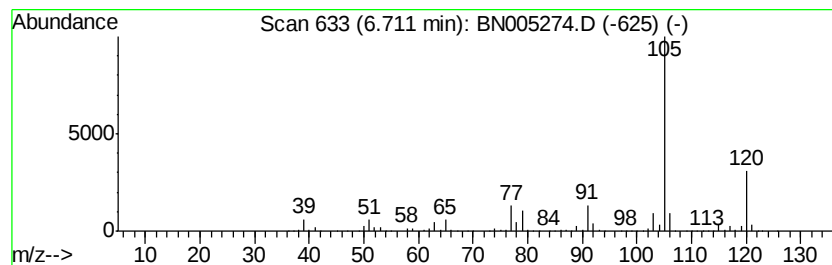
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1-ethyl-2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	13.33 ng/ul	12291600	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91



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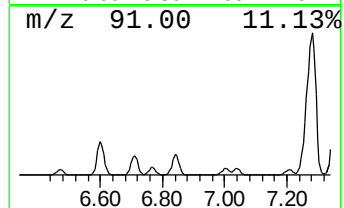
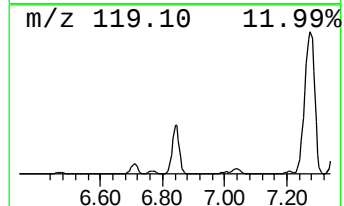
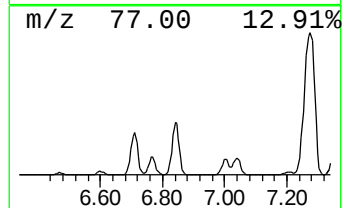
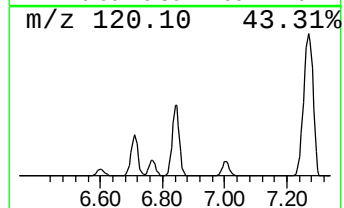
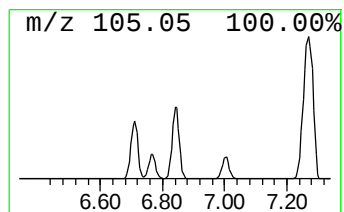
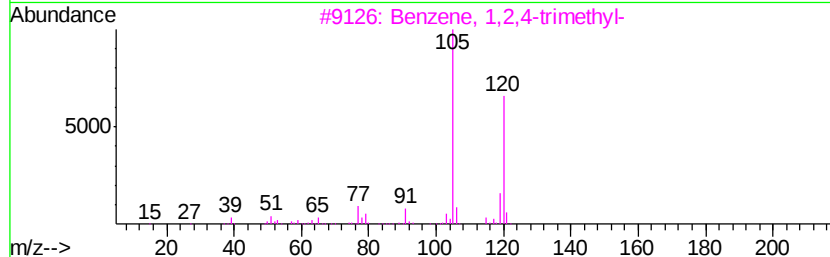
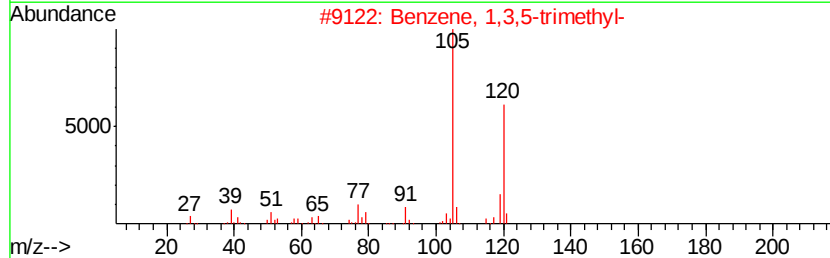
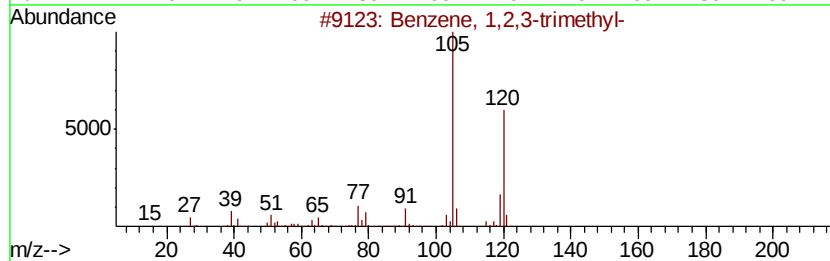
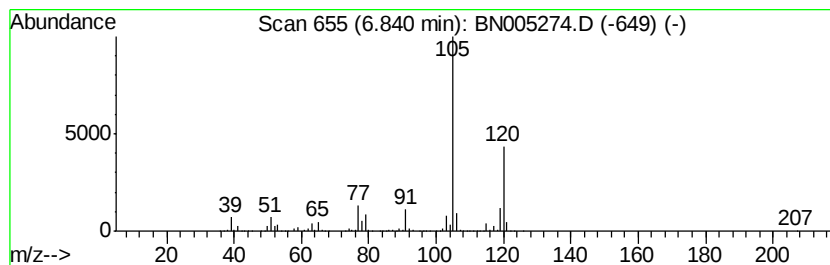
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	18.36 ng/ul	16920200	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94



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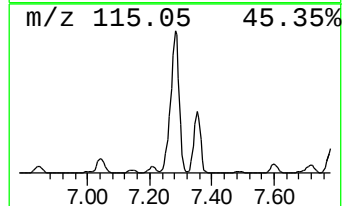
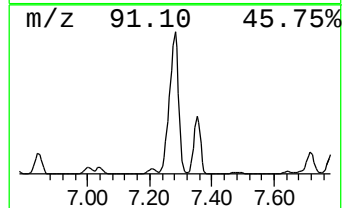
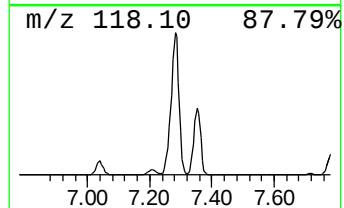
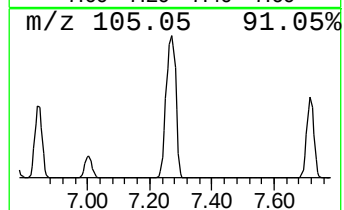
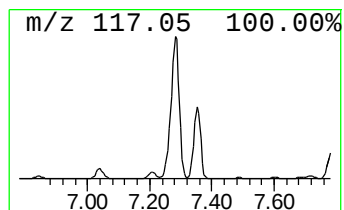
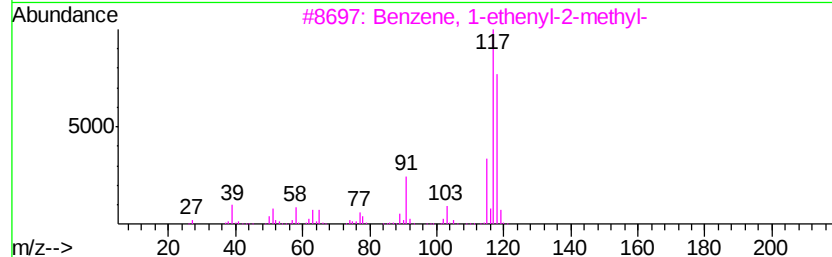
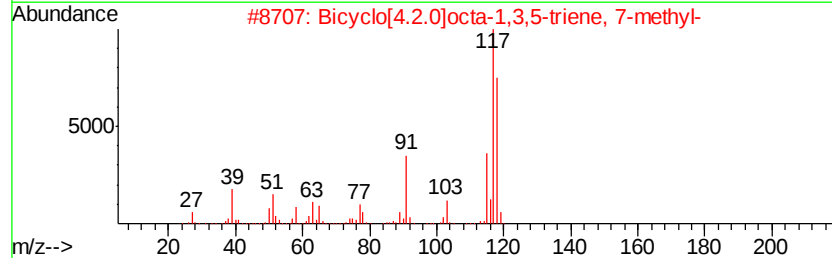
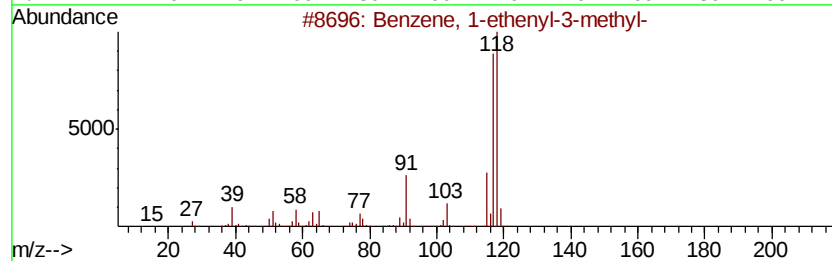
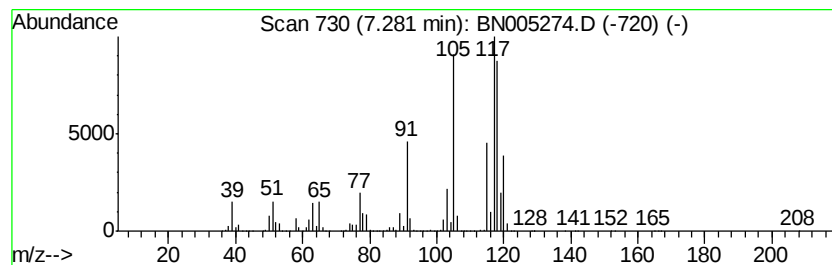
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1-ethenyl-3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	104.52 ng/ul	96344700	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	78
2		Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	60
3		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	60
5		cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHQ7

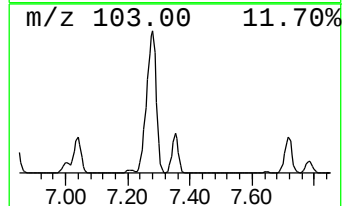
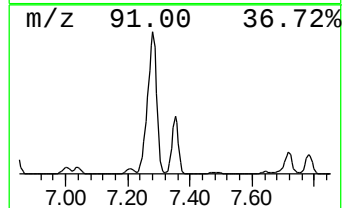
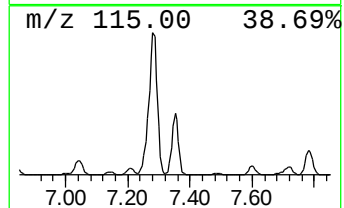
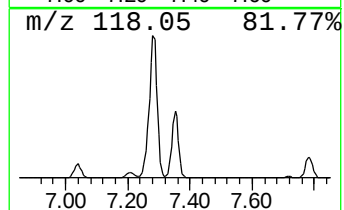
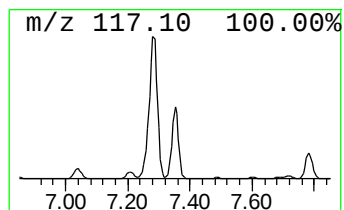
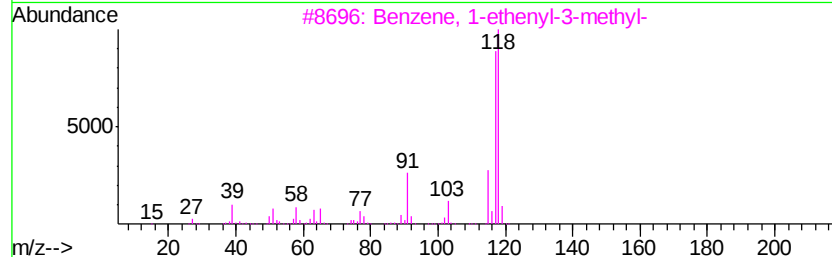
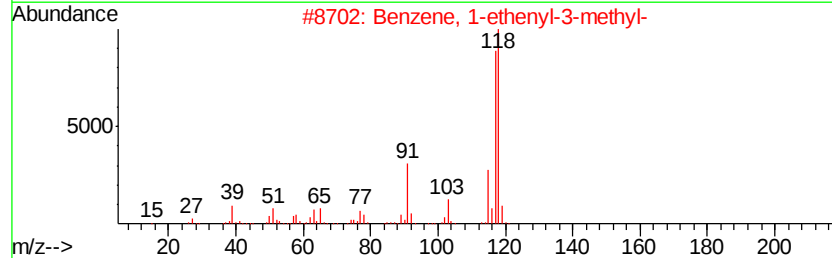
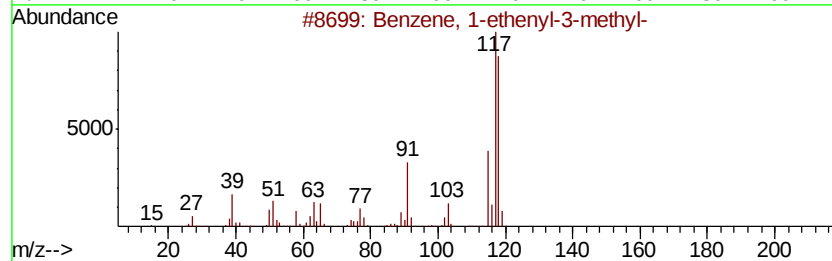
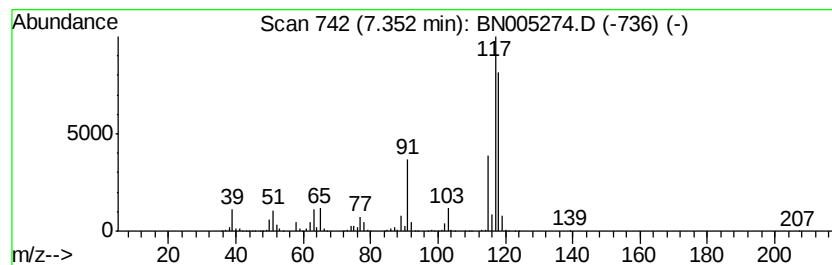
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Benzene, 1-ethenyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.35	21.69 ng/ul	19997800	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3		Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	94
4		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
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Instrument :
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ClientSampleId :
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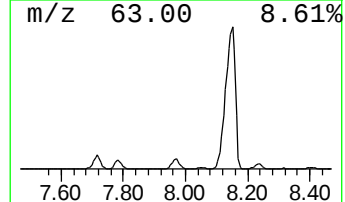
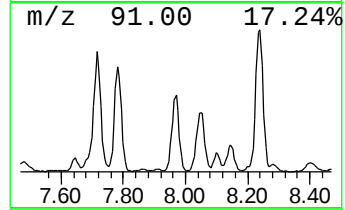
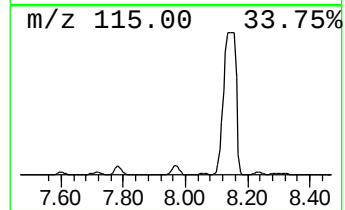
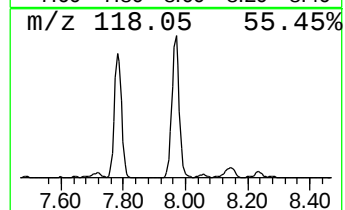
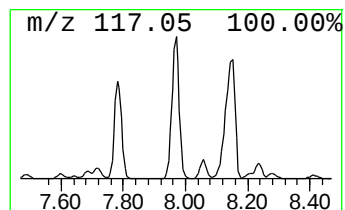
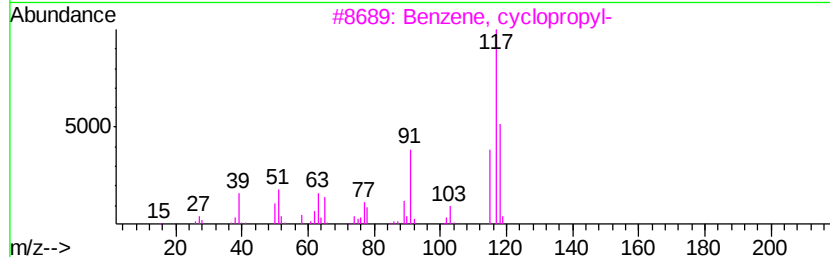
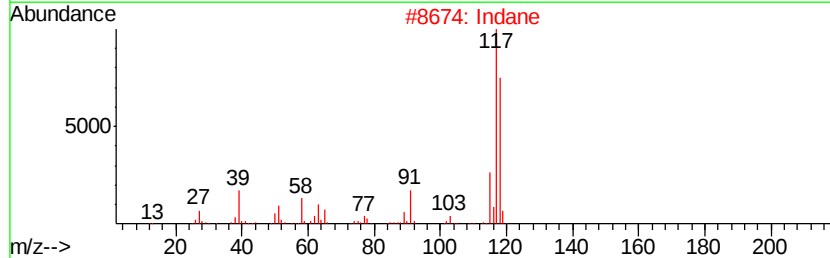
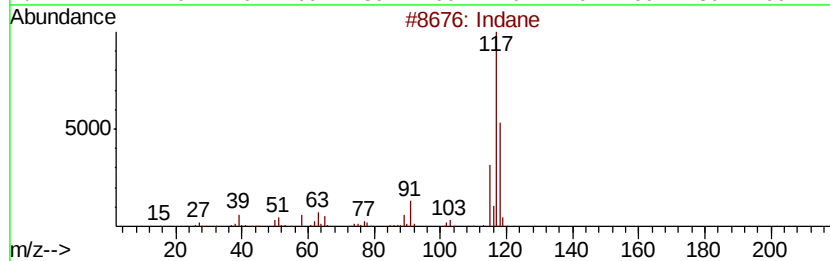
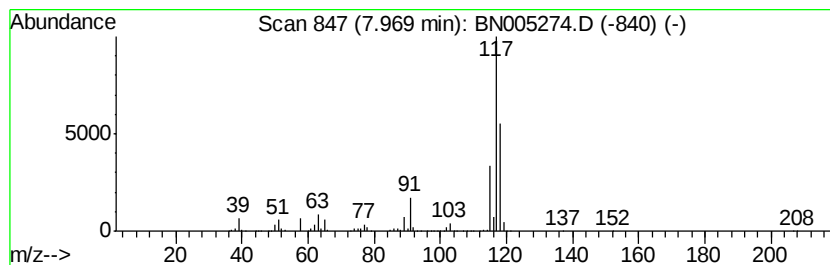
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Indane Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.97	8.78 ng/ul	8097000	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane		118	C9H10	000496-11-7	93
2	Indane		118	C9H10	000496-11-7	91
3	Benzene, cyclopropyl-		118	C9H10	000873-49-4	64
4	Benzene, 1-ethenyl-2-methyl-		118	C9H10	000611-15-4	60
5	Benzene, 1,1'-(1,5-hexadiene-1,6...		234	C18H18	004439-45-6	53



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Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
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ClientSampleId :
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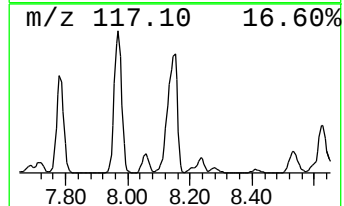
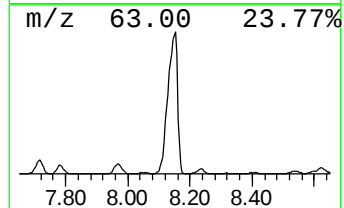
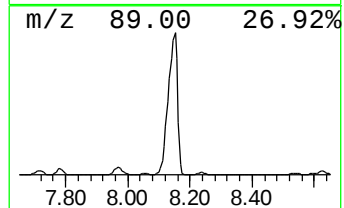
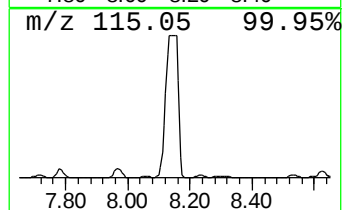
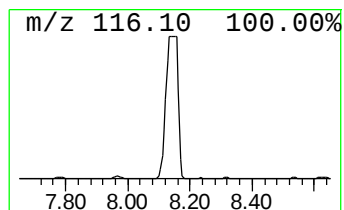
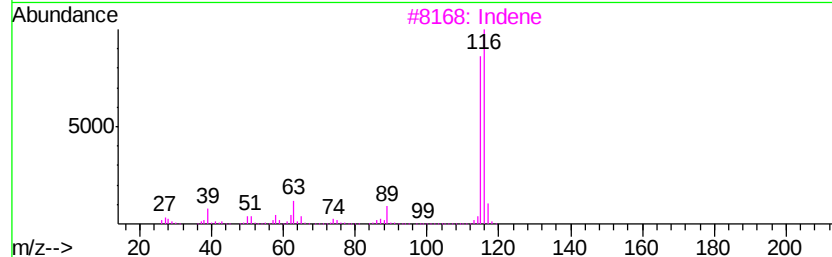
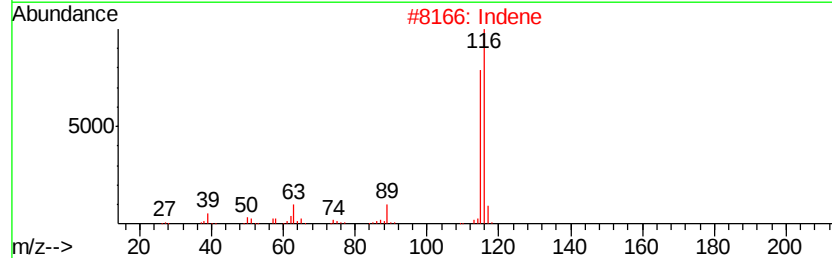
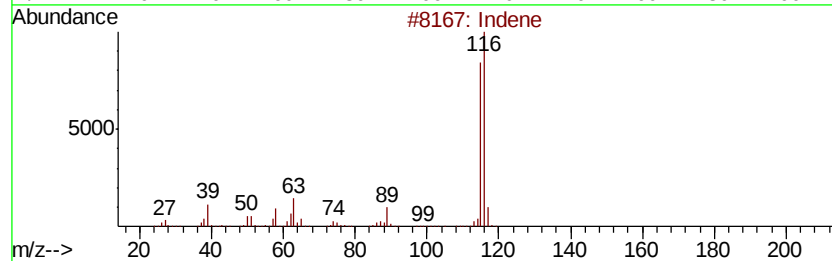
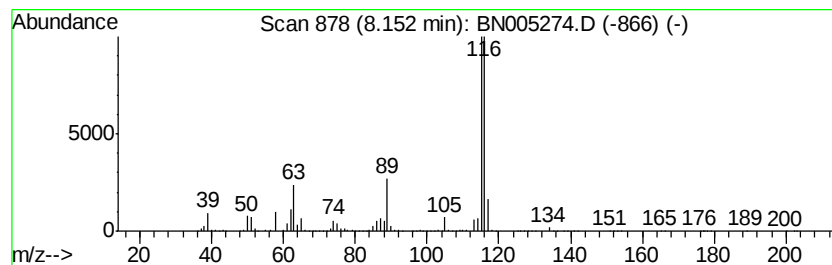
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Indene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	100.47 ng/ul	92607900	1,4-Dichlorobenzene-d4	7.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	97
2	Indene		116	C9H8	000095-13-6	91
3	Indene		116	C9H8	000095-13-6	90
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	87
5	1-Propyne, 3-phenyl-		116	C9H8	010147-11-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
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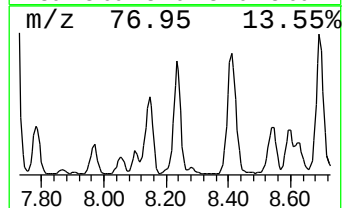
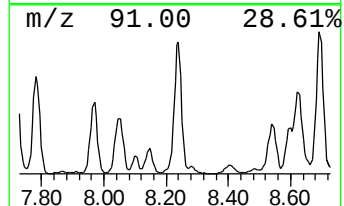
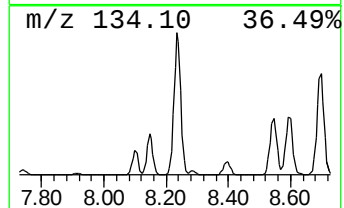
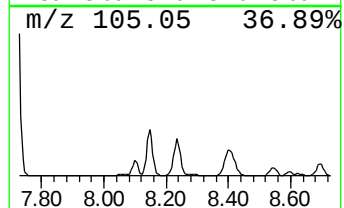
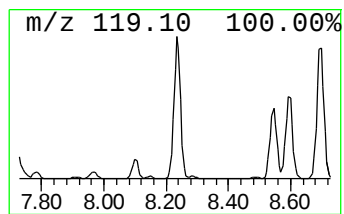
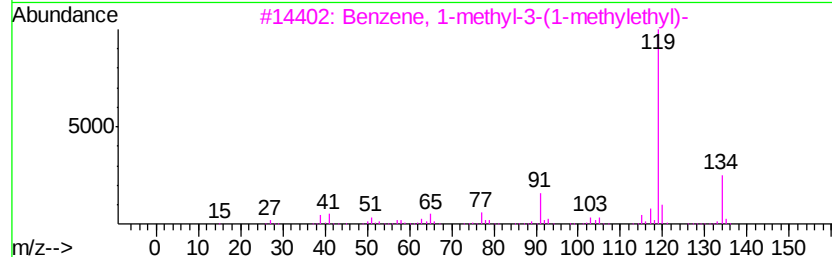
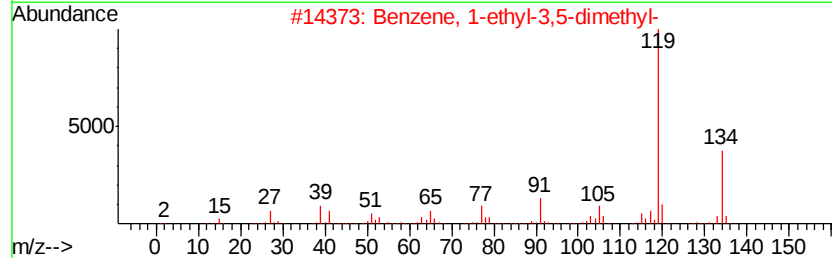
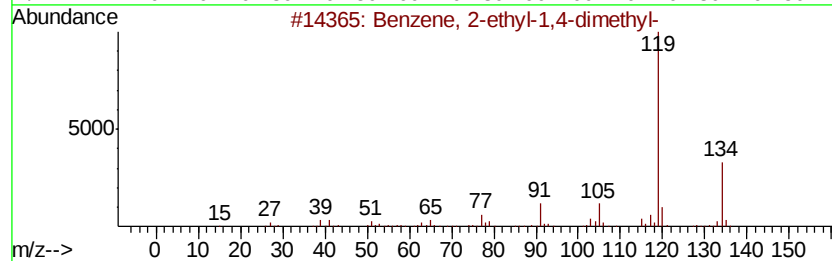
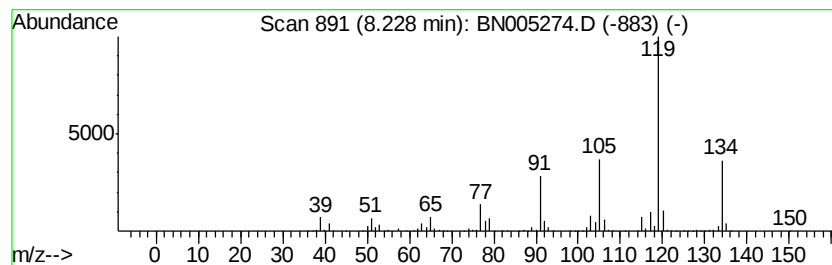
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	10.42 ng/ul	9600930	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
2		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
3		Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	91
4		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90



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Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
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Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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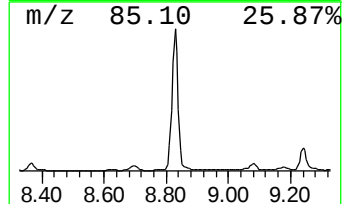
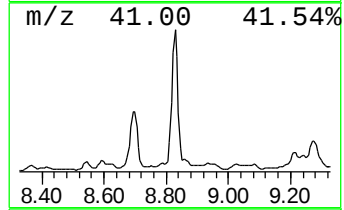
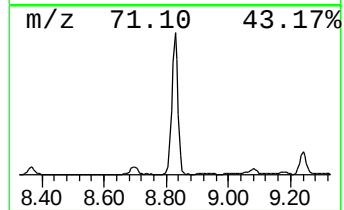
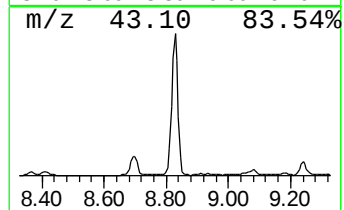
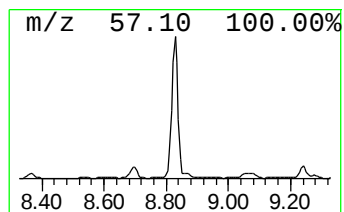
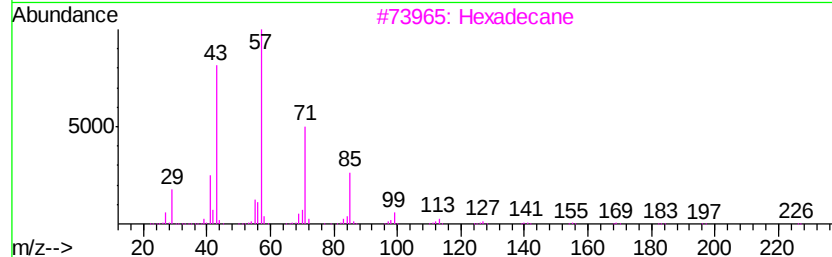
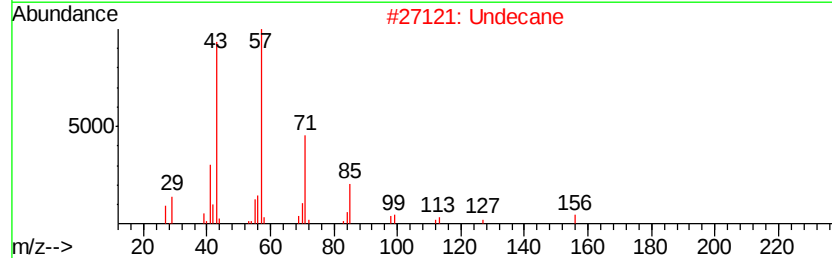
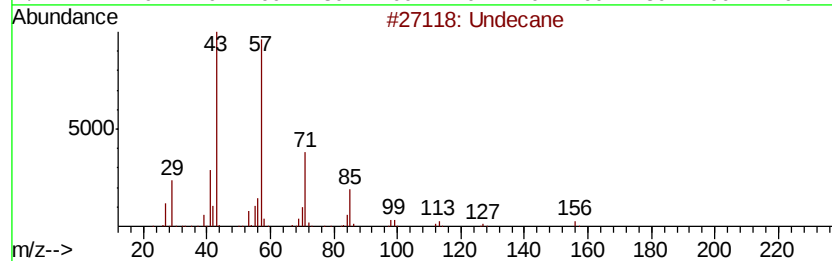
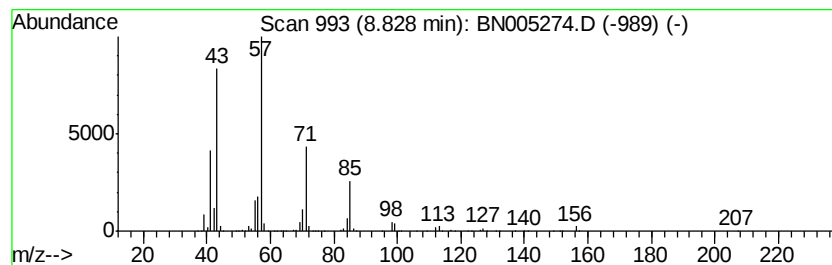
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	9.31 ng/ul	8579150	1,4-Dichlorobenzene-d4	7.60

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	93
2	Undecane			156	C11H24	001120-21-4	91
3	Hexadecane			226	C16H34	000544-76-3	86
4	Tridecane			184	C13H28	000629-50-5	83
5	Decane			142	C10H22	000124-18-5	83



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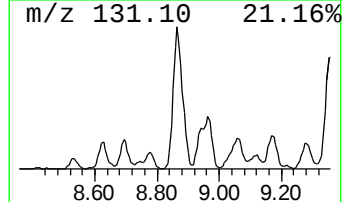
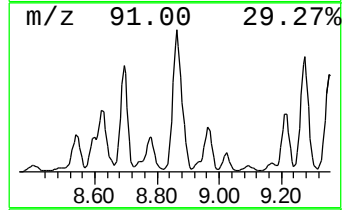
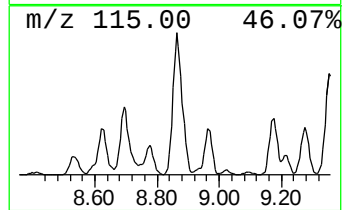
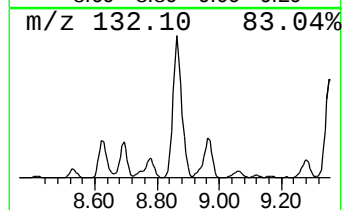
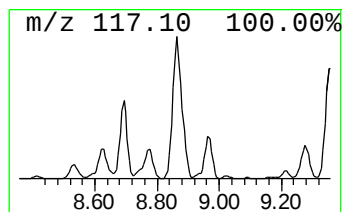
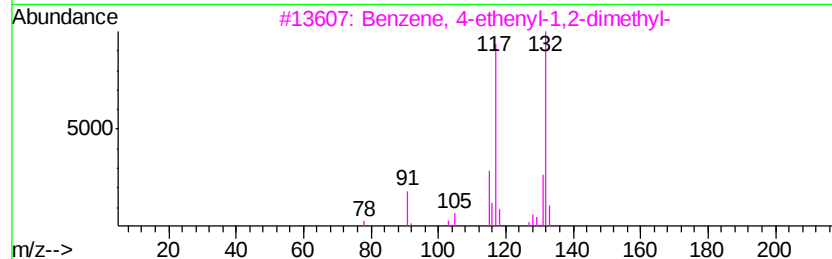
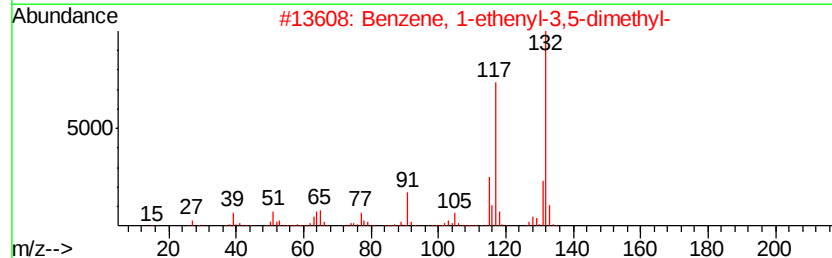
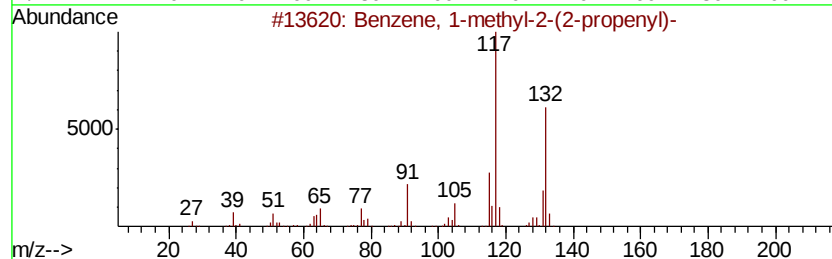
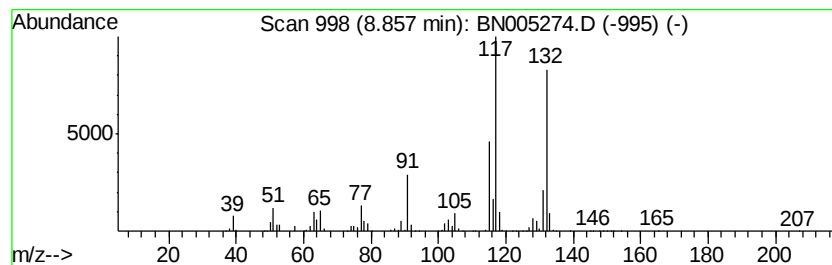
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Benzene, 1-methyl-2-(2-prop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	25.40 ng/ul	23415100	1,4-Dichlorobenzene-d4	7.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	95
3		Benzene, 4-ethenyl-1,2-dimethyl-	132	C10H12	027831-13-6	95
4		Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	95
5		Benzene, (2-methyl-2-propenyl)-	132	C10H12	003290-53-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
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ALS Vial : 30 Sample Multiplier: 1

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ClientSampleId :
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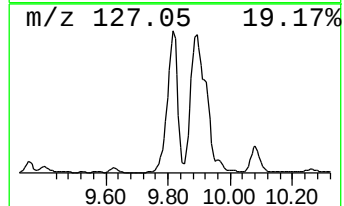
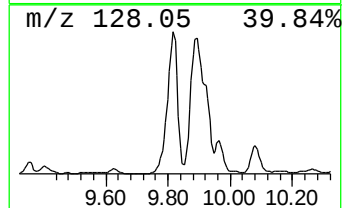
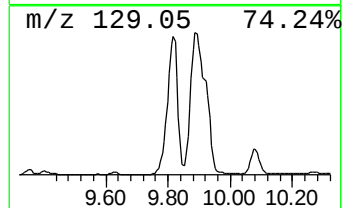
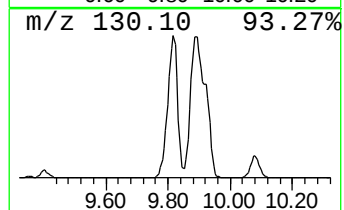
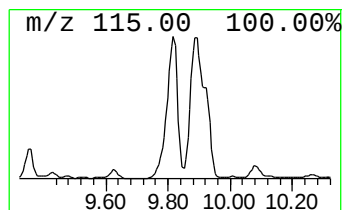
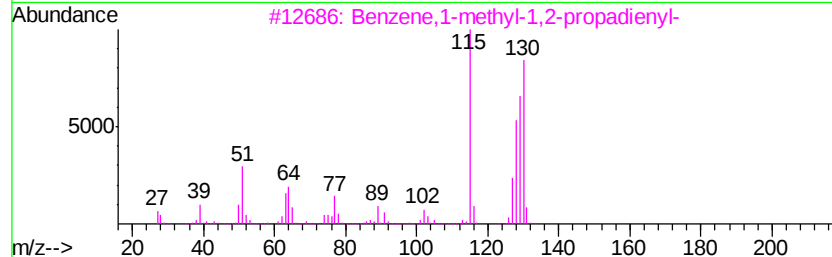
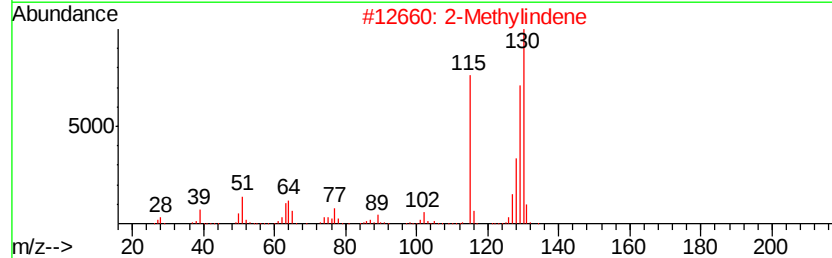
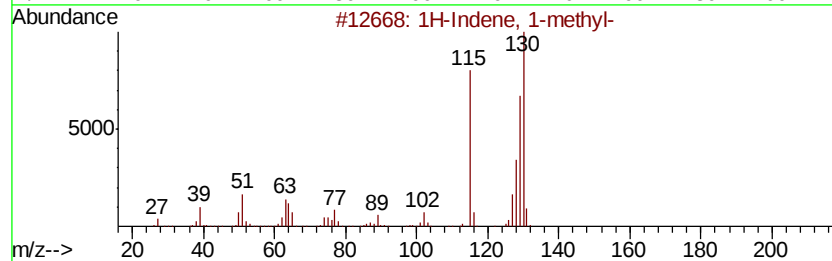
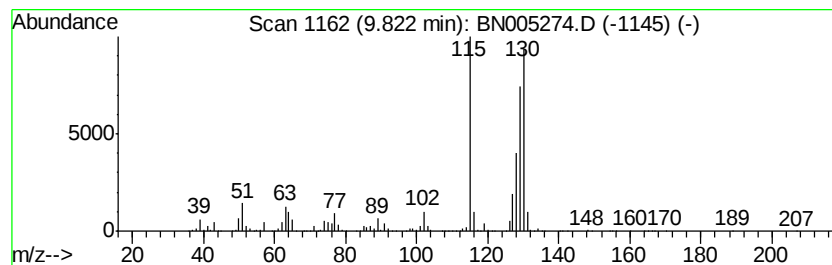
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 1H-Indene, 1-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	2.86 ng/ul	65233500	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		2-Methylindene	130	C10H10	002177-47-1	96
3		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
4		1,4-Dihydronaphthalene	130	C10H10	000612-17-9	92
5		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7

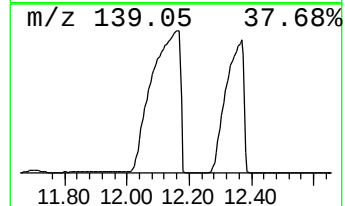
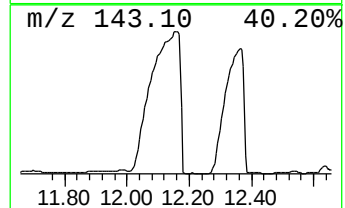
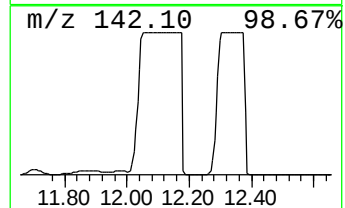
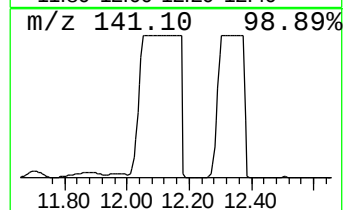
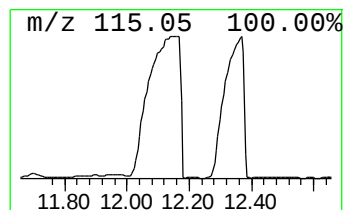
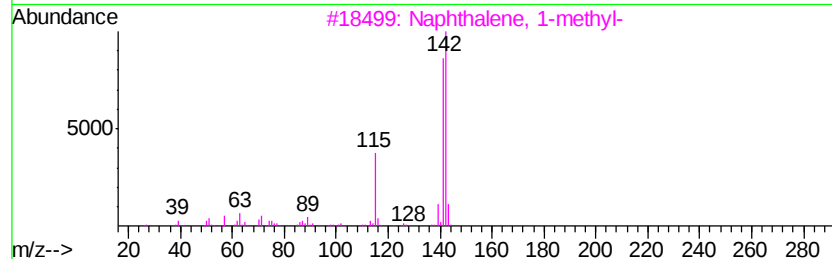
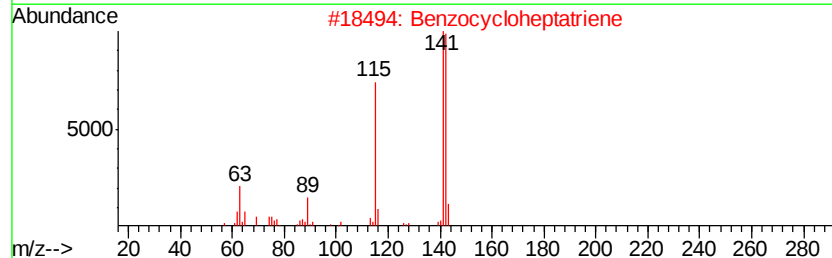
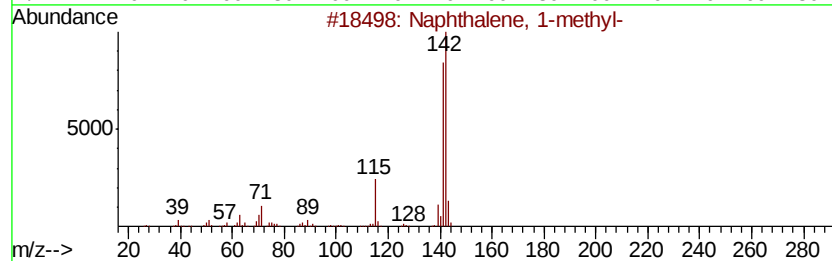
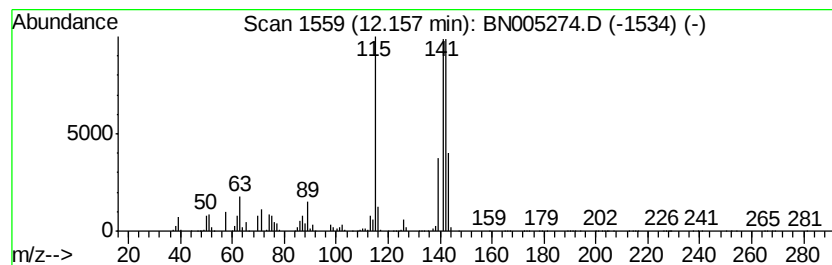
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	20.35 ng/ul	463433000	Naphthalene-d8	10.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2		Benzocycloheptatriene	142	C11H10	000264-09-5	91
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7

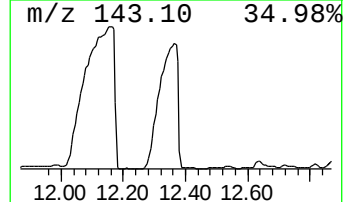
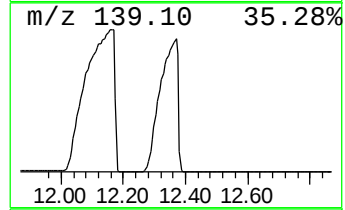
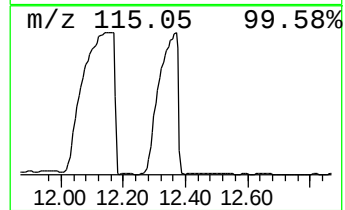
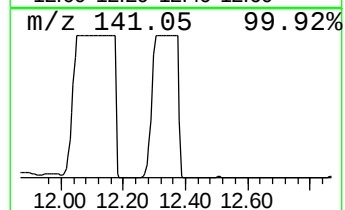
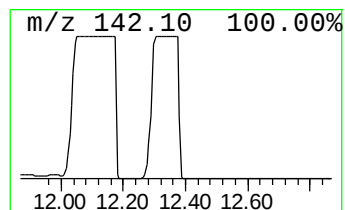
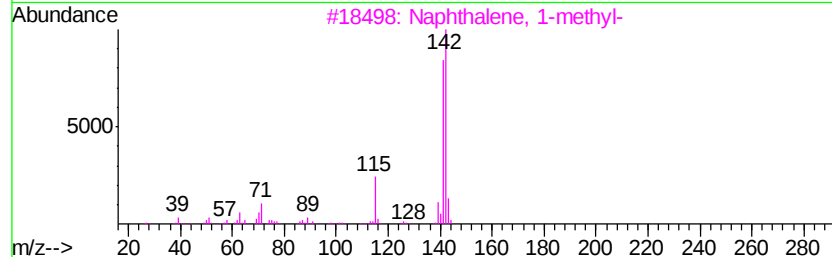
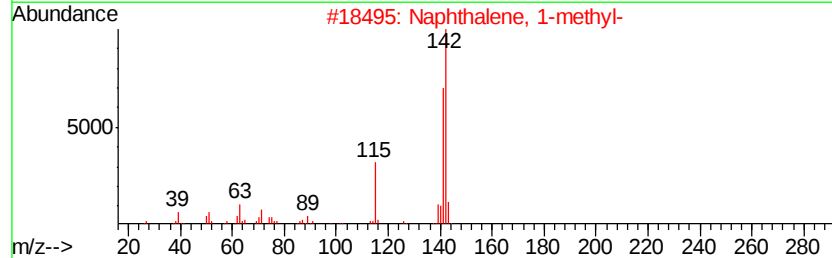
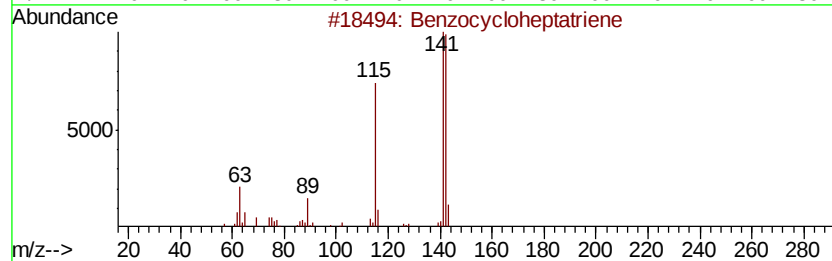
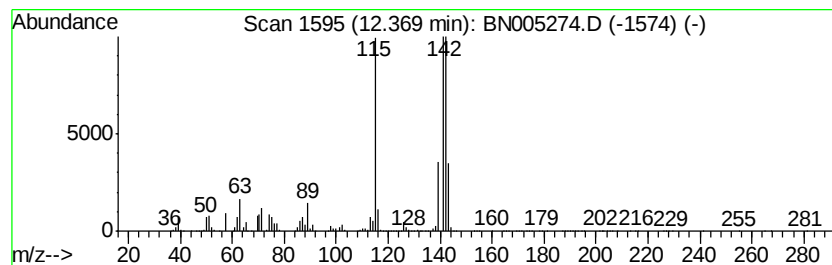
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Benzocycloheptatriene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.37	104.72 ng/ul	288137000	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocycloheptatriene	142	C11H10	000264-09-5	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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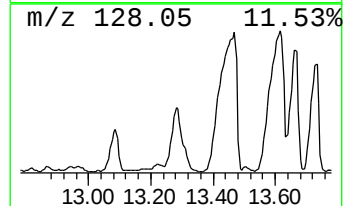
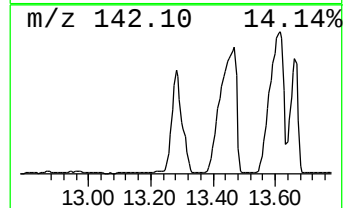
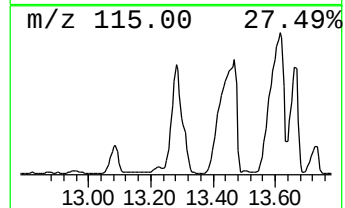
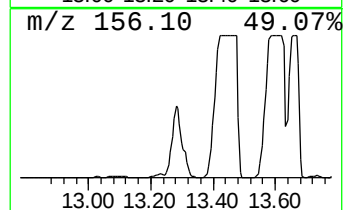
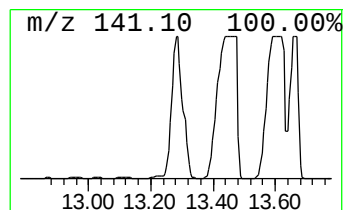
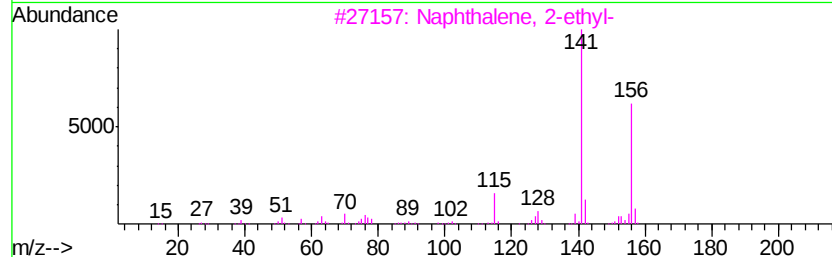
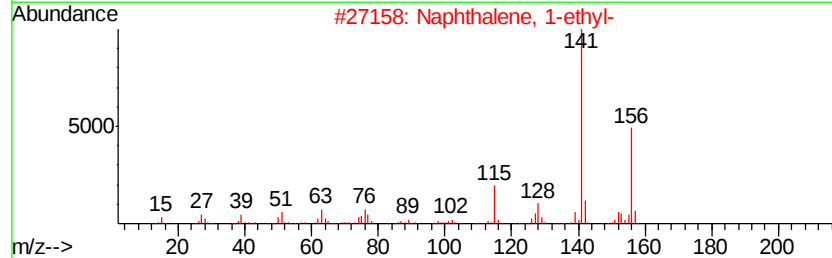
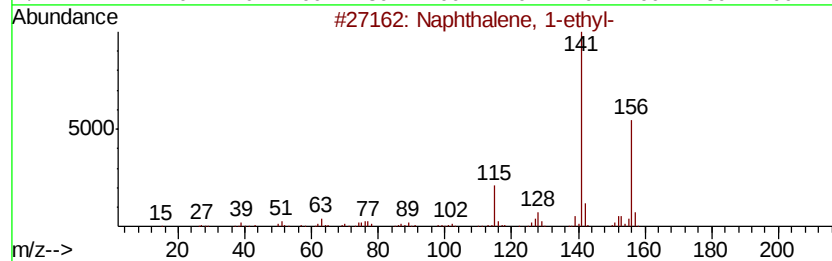
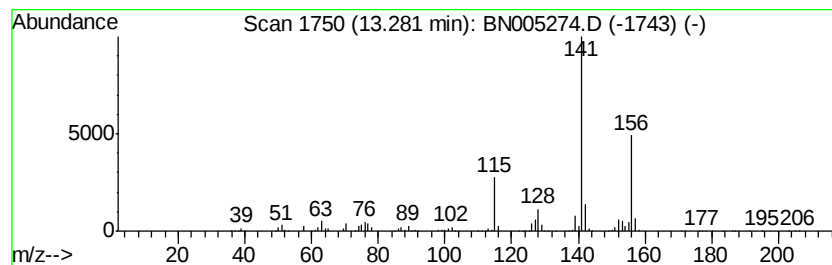
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.28	26.30 ng/ul	72364200	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	95
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
5		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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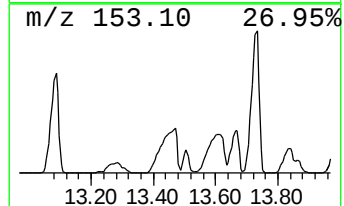
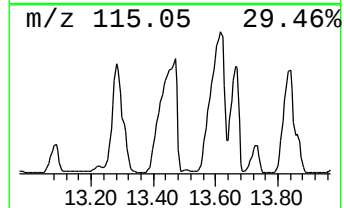
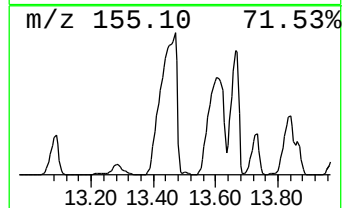
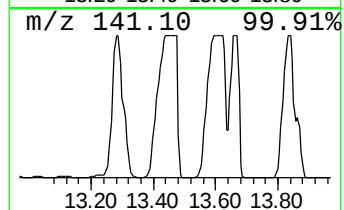
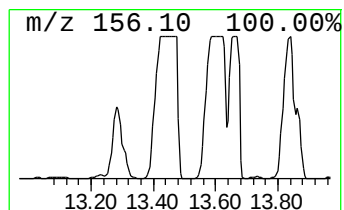
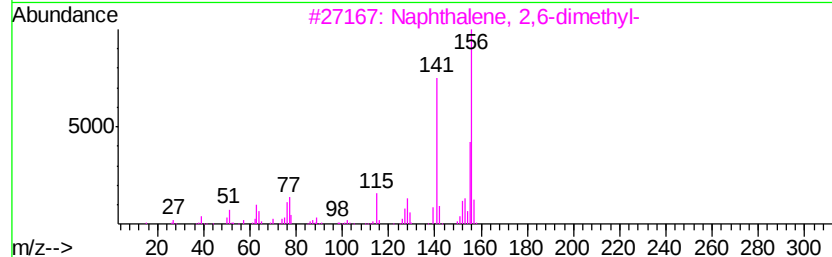
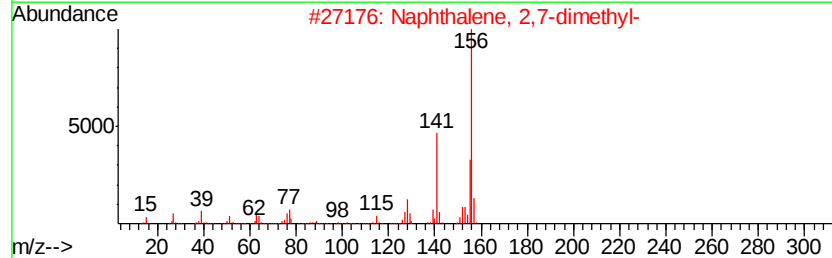
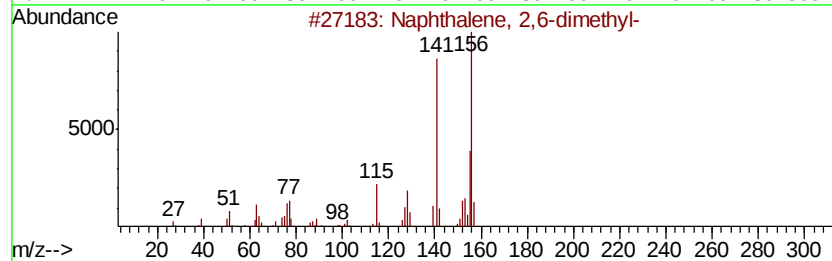
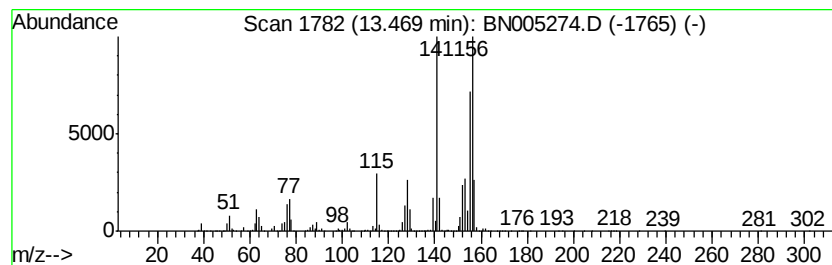
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	81.32 ng/ul	223737000	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	90
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	81
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	81
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

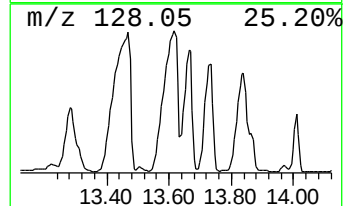
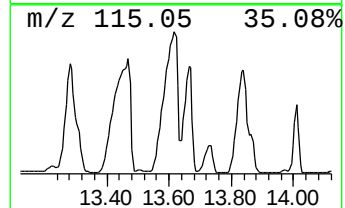
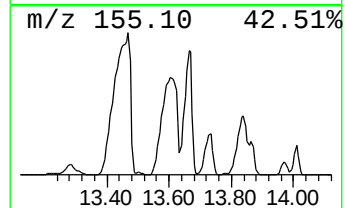
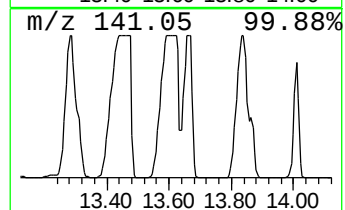
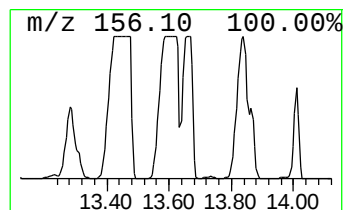
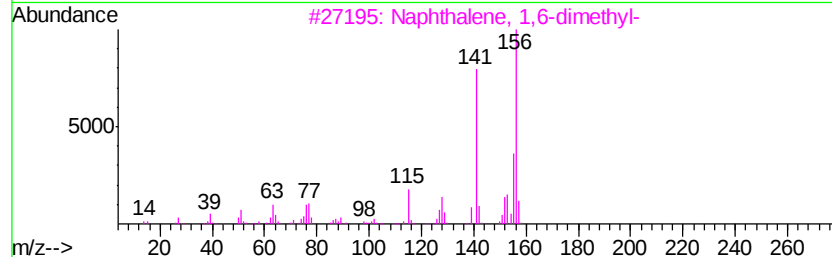
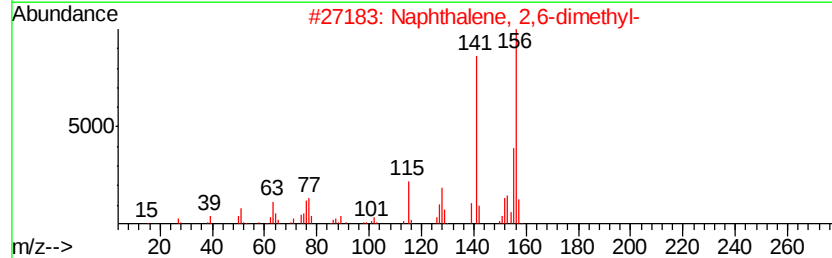
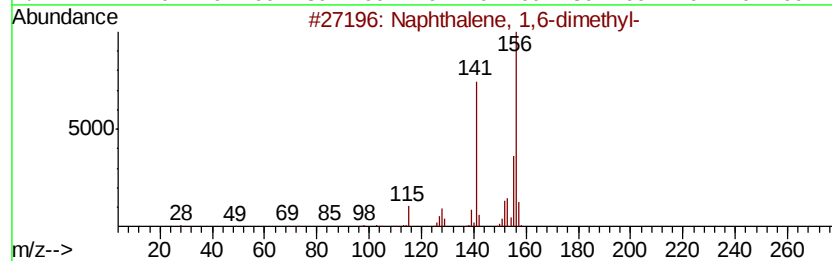
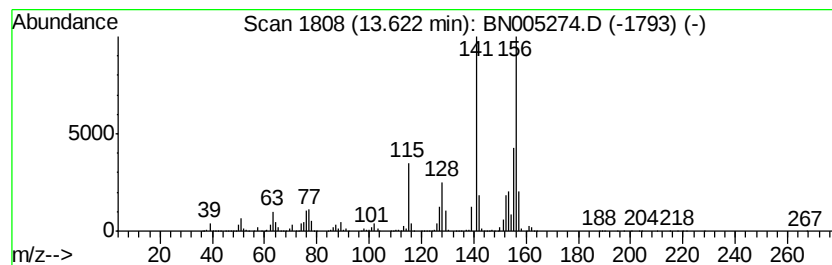
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Naphthalene, 1,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	66.34 ng/ul	182538000	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 95
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 94
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 93
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 91
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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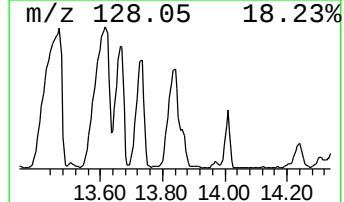
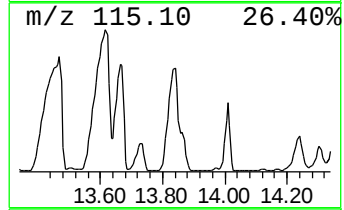
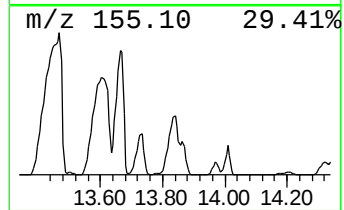
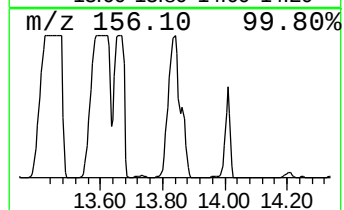
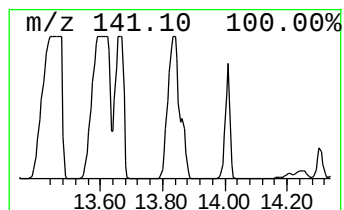
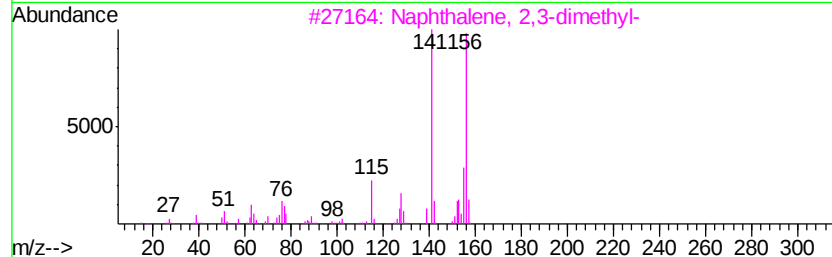
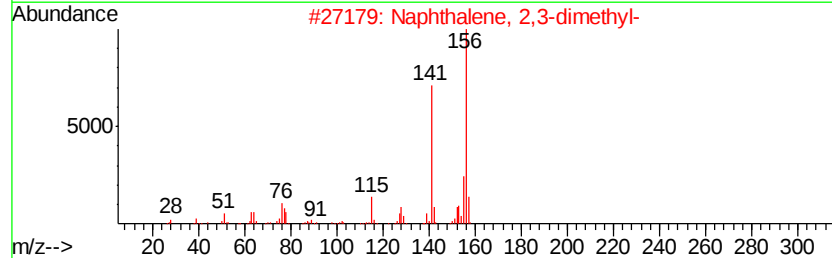
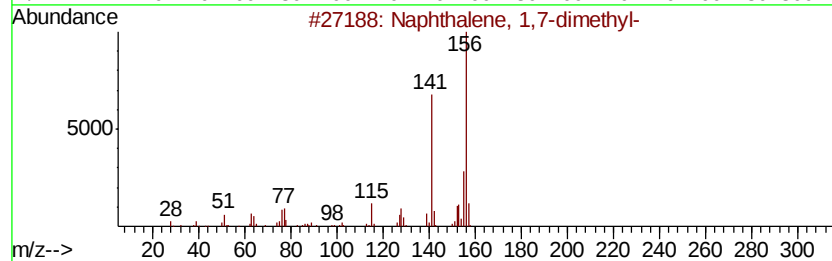
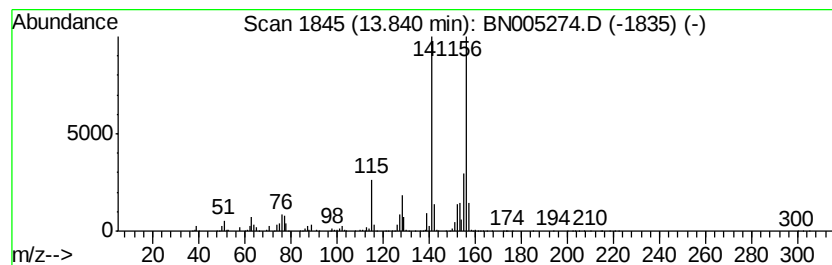
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.84	31.61 ng/ul	86970200	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7

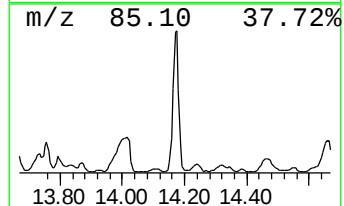
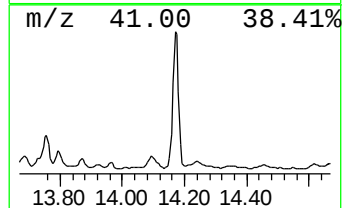
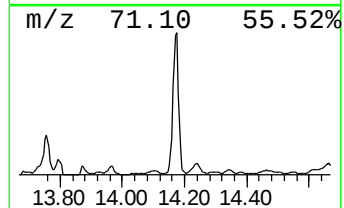
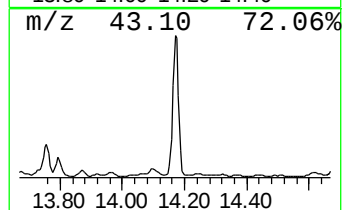
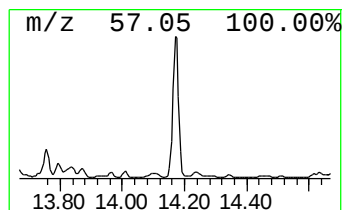
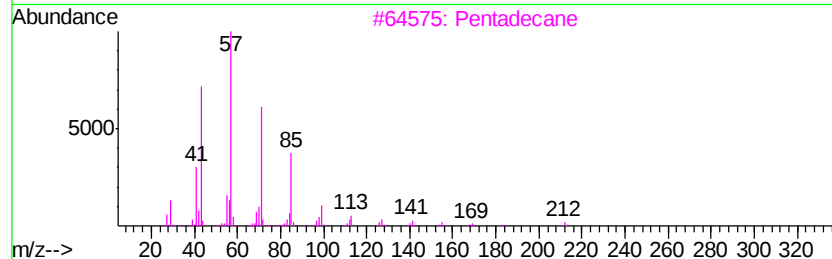
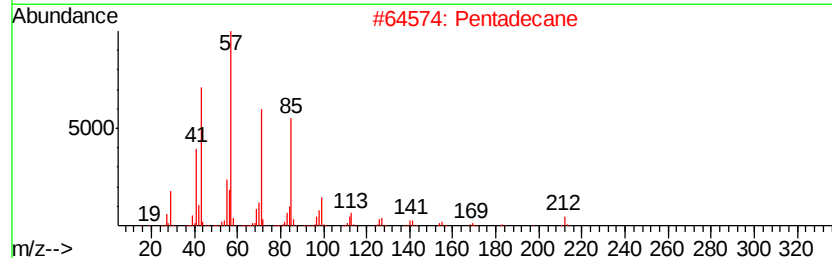
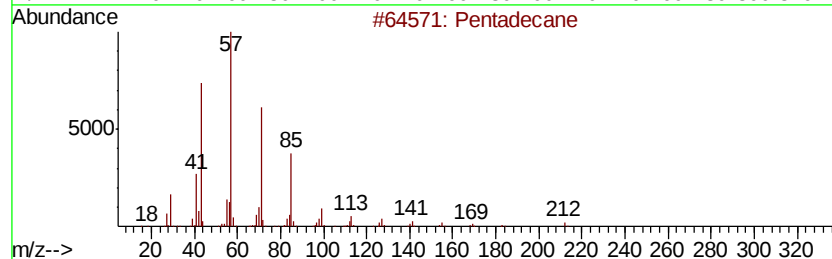
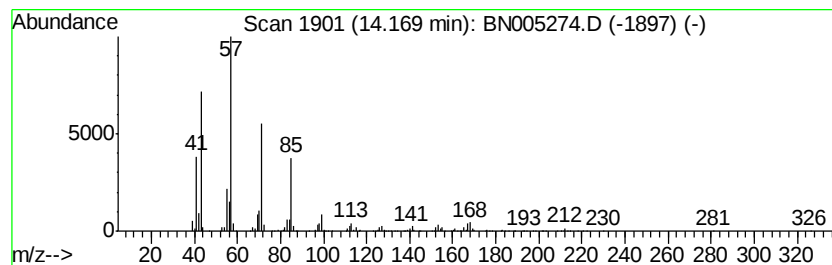
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.80 ng/ul	10464000	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecane	212	C15H32	000629-62-9	95
2			Pentadecane	212	C15H32	000629-62-9	94
3			Pentadecane	212	C15H32	000629-62-9	93
4			Eicosane	282	C20H42	000112-95-8	87
5			Tetradecane	198	C14H30	000629-59-4	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

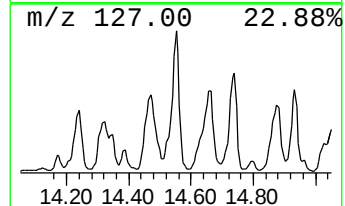
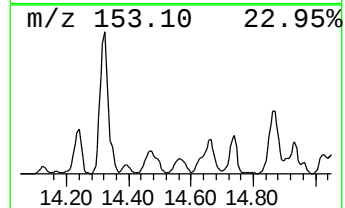
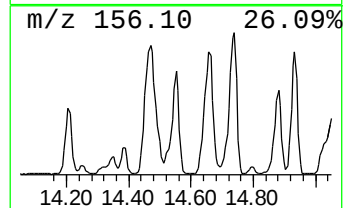
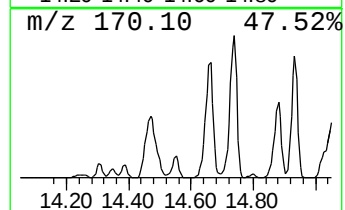
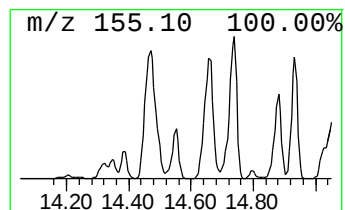
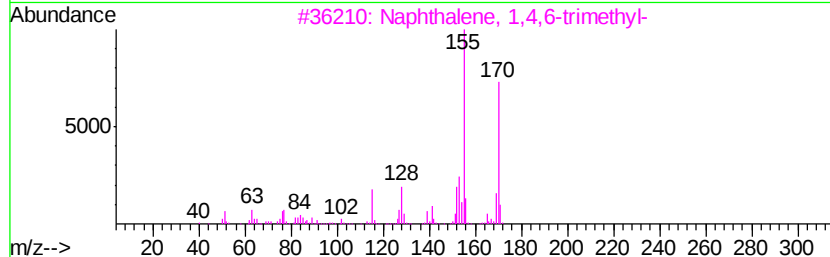
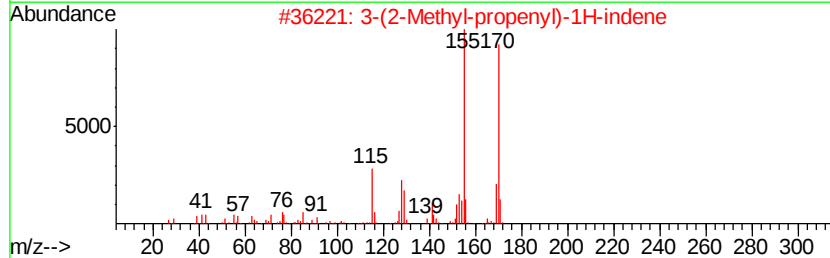
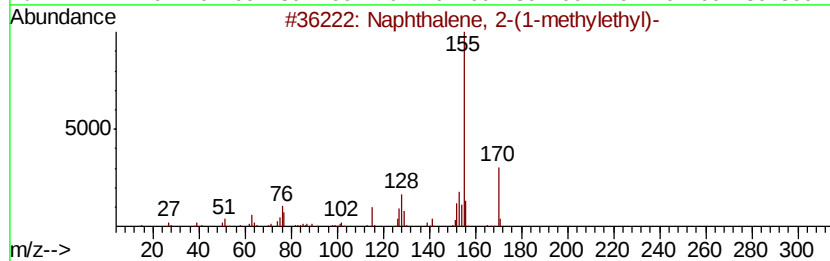
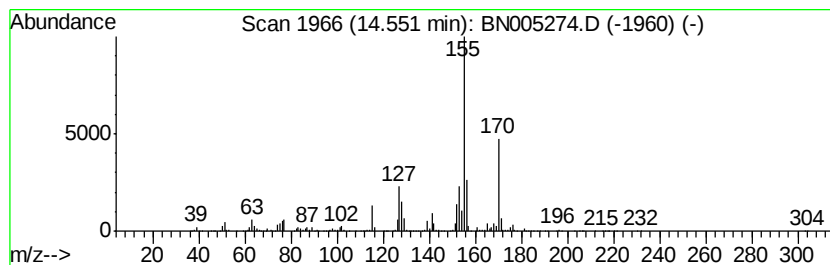
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 Naphthalene, 2-(1-methyleth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	4.13 ng/ul	11376200	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 91
2		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 87
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 83
4		1-(2,2-Dimethylcyclopropyl)-2-ph...	170 C13H14	1000294-91-1 72
5		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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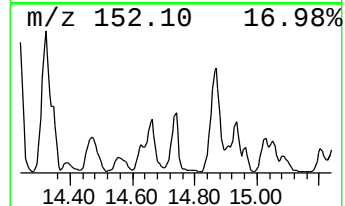
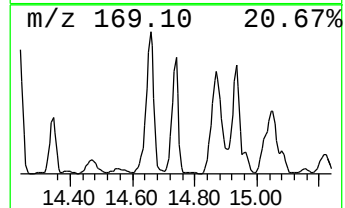
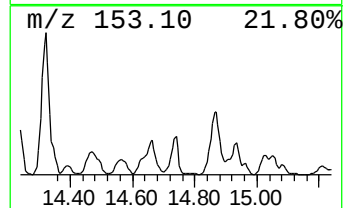
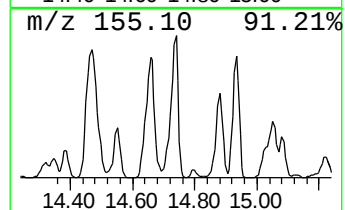
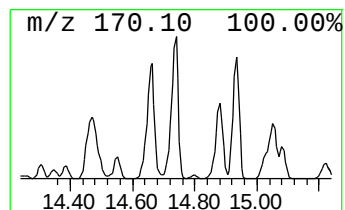
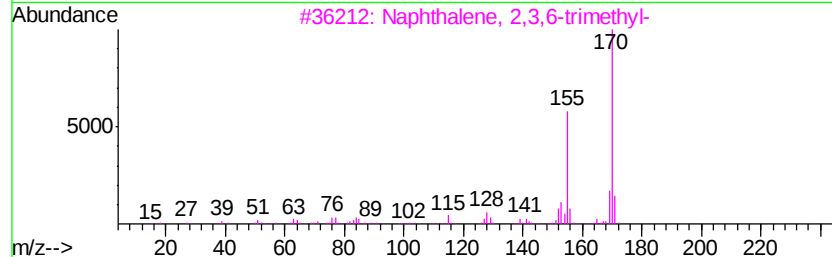
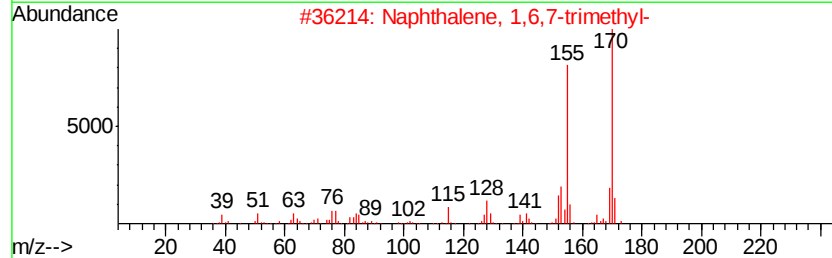
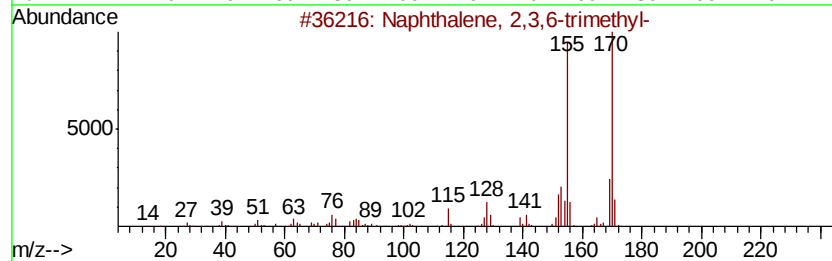
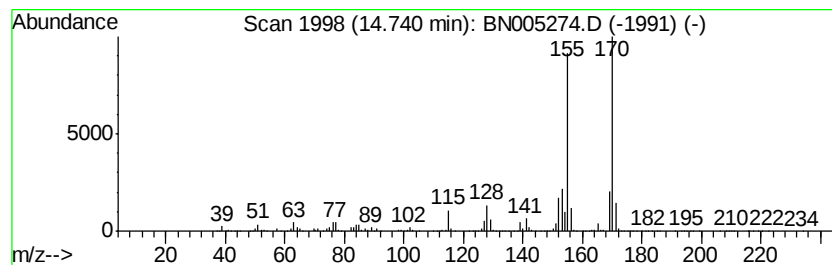
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	12.82 ng/ul	35281900	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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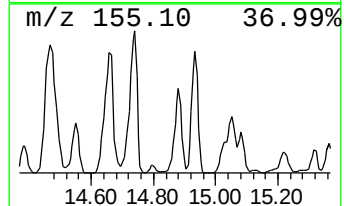
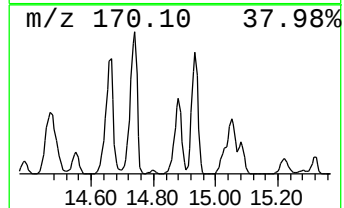
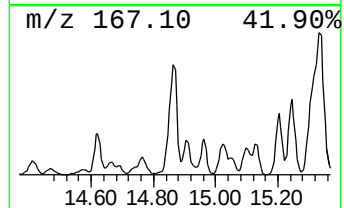
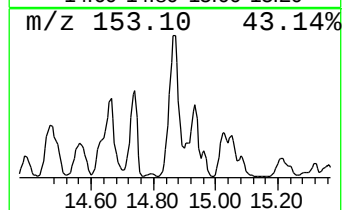
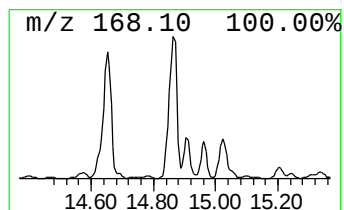
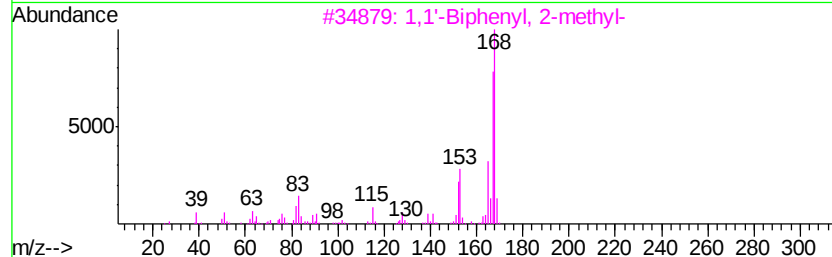
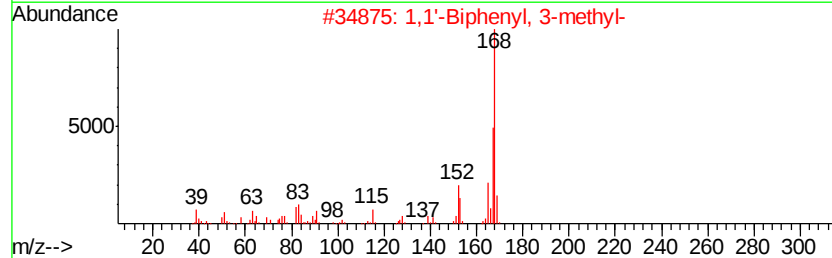
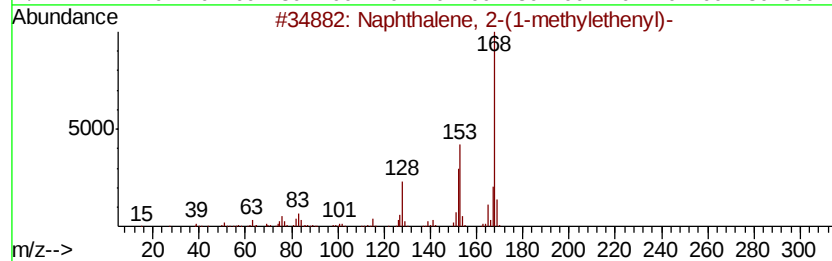
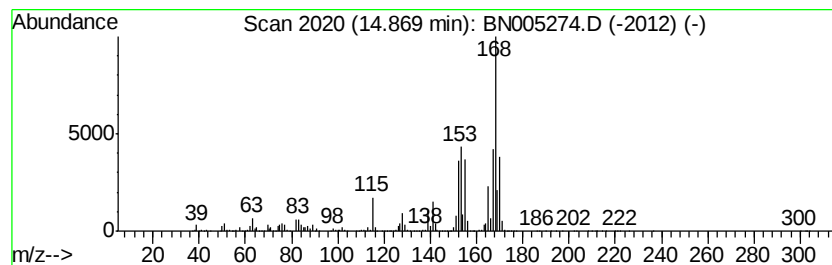
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Naphthalene, 2-(1-methyleth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	20.34 ng/ul	55971100	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
2		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	55
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
4		Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	47
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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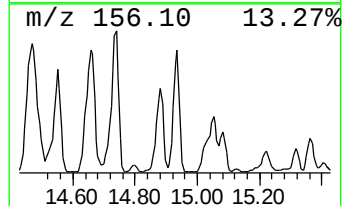
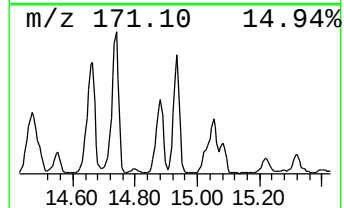
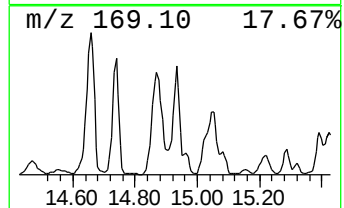
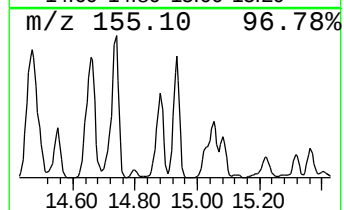
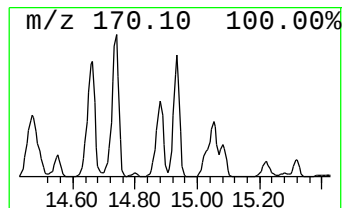
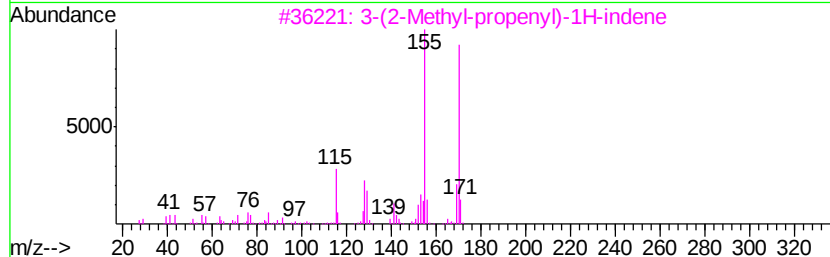
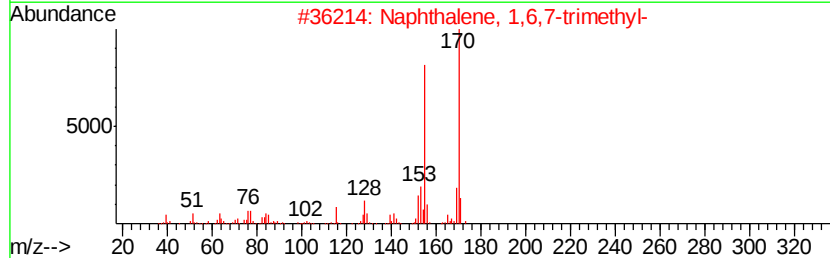
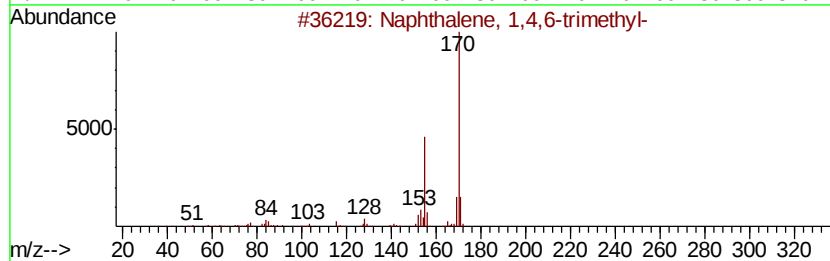
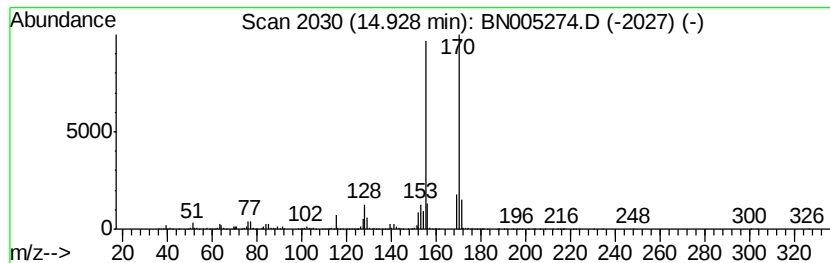
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 1,4,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	7.51 ng/ul	20664300	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	87
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
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Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

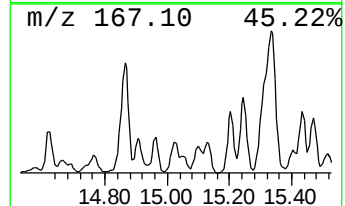
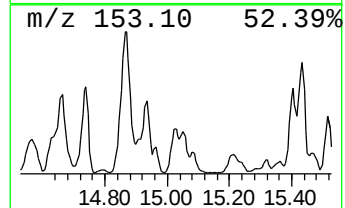
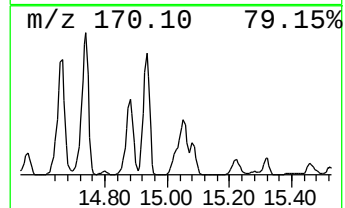
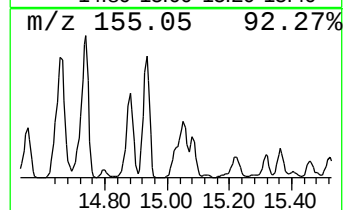
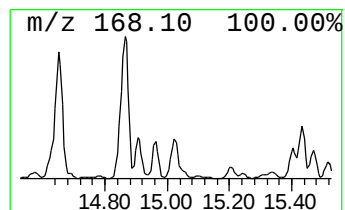
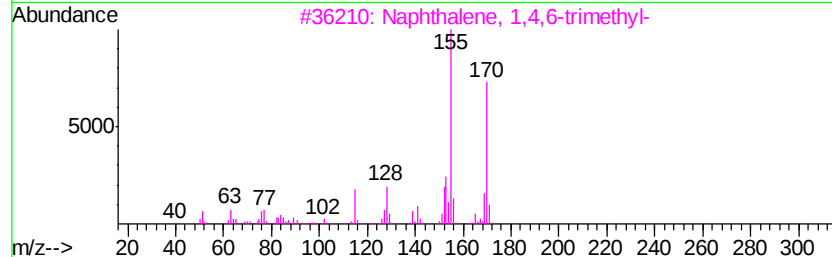
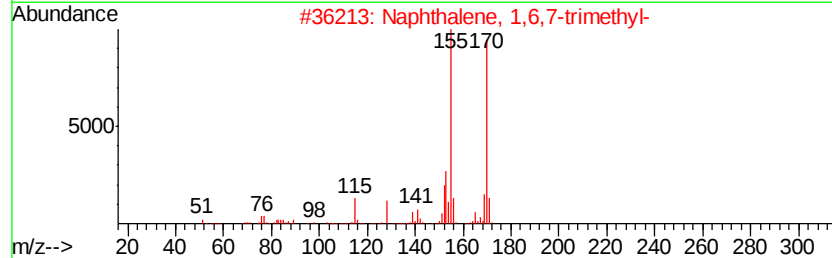
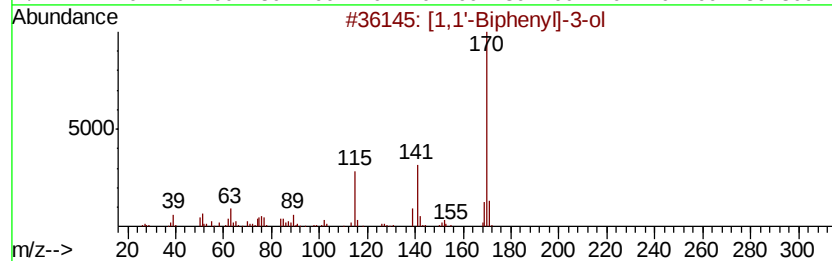
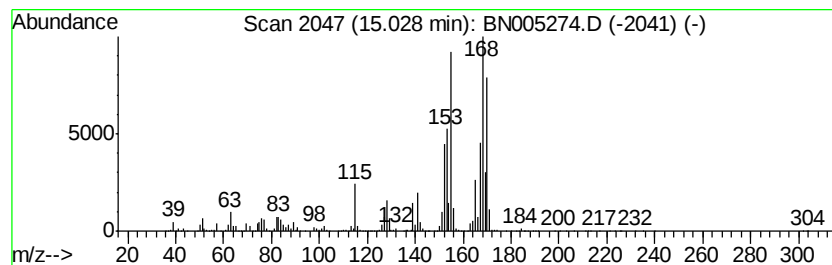
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 [1,1'-Biphenyl]-3-ol Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	5.14 ng/ul	14130400	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		[1,1'-Biphenyl]-3-ol	170 C12H10O	000580-51-8 53
2		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 50
3		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 50
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 46
5		3-(2-Methyl-propenyl)-1H-indene	170 C13H14	1000187-78-5 46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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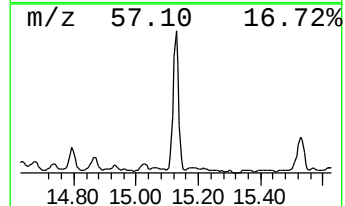
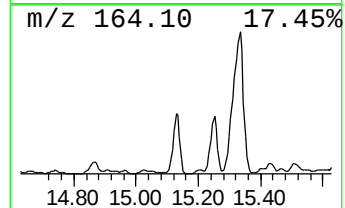
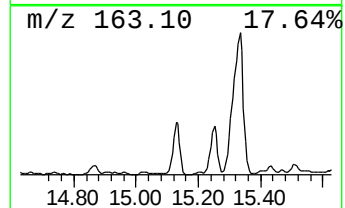
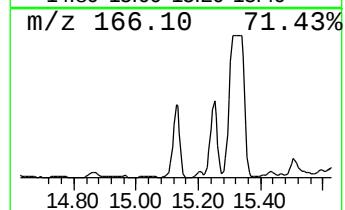
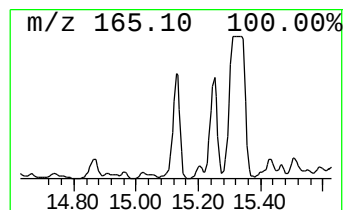
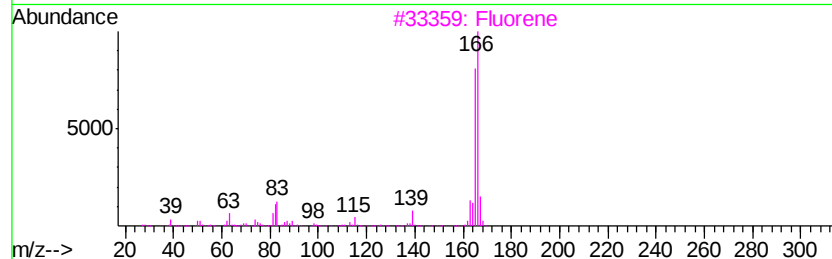
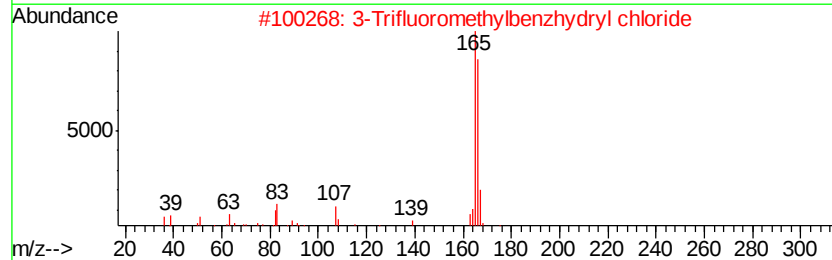
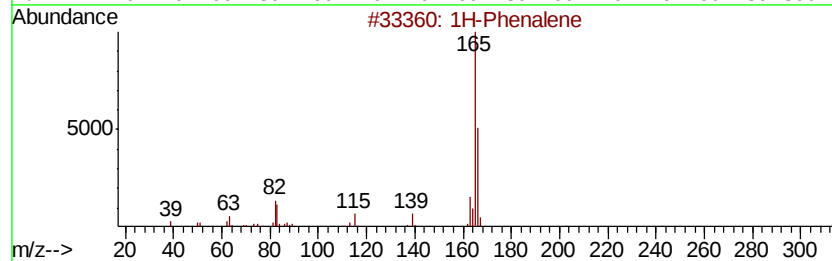
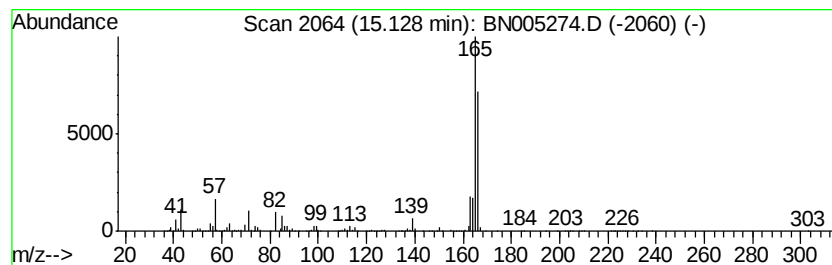
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 1H-Phenalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	11.32 ng/ul	31137400	Acenaphthene-d10	14.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	59
2		3-Trifluoromethylbenzhdyryl chlo...	270	C14H10ClF3	067240-79-3	50
3		Fluorene	166	C13H10	000086-73-7	49
4		Fluorene	166	C13H10	000086-73-7	47
5		Fluorene	166	C13H10	000086-73-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

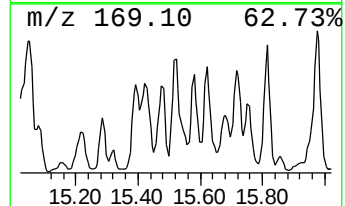
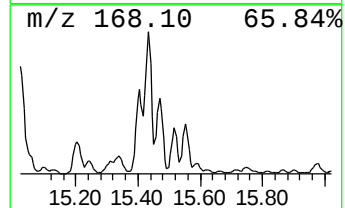
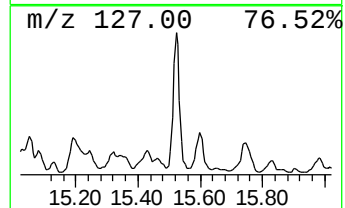
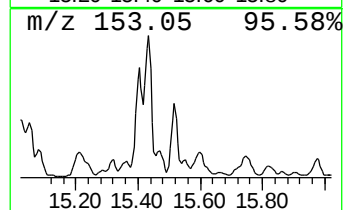
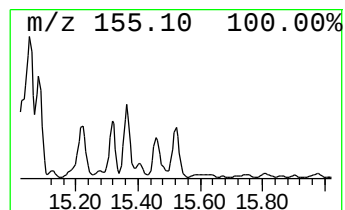
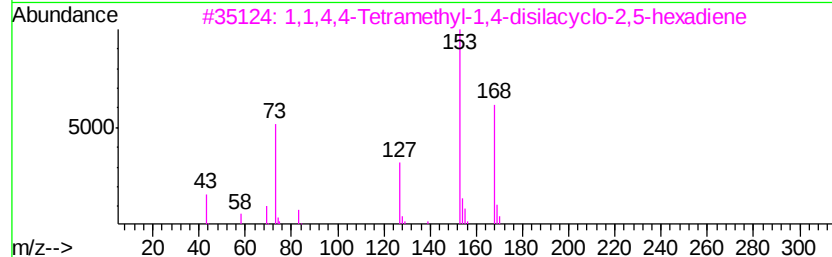
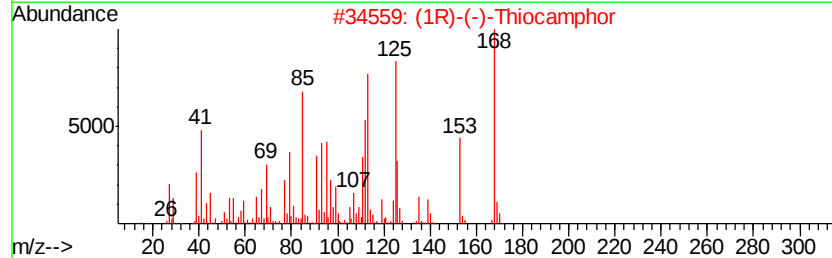
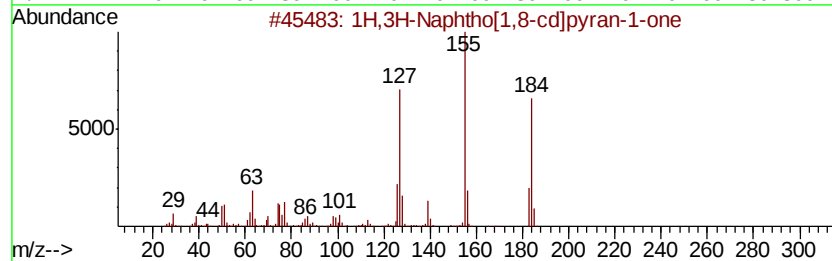
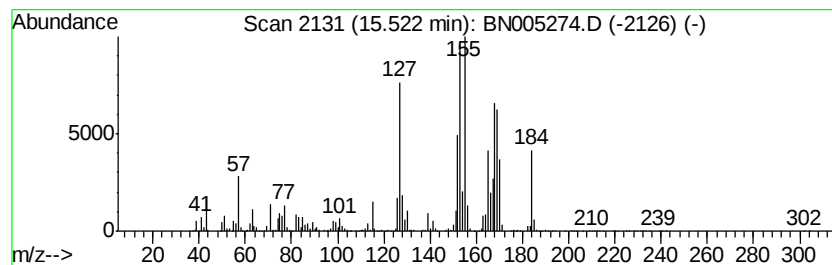
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 1H,3H-Naphtho[1,8-cd]pyran-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	4.47 ng/ul	12295900	Acenaphthene-d10	14.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H,3H-Naphtho[1,8-cd]pyran-1-one	184 C12H8O2	000518-86-5 53
2		(1R)-(-)-Thiocamphor	168 C10H16S	053402-10-1 38
3		1,1,4,4-Tetramethyl-1,4-disilacyclopentadiene	168 C8H16Si2	020627-53-6 35
4		Benzene, [1-(2,4-cyclopentadien-1-ylidene)-1,3-diene]	168 C13H12	002320-32-3 30
5		1-Isopropenylnaphthalene	168 C13H12	001855-47-6 27



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ7

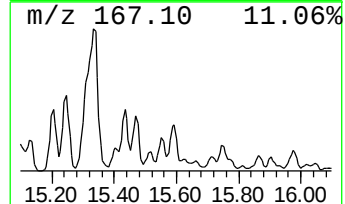
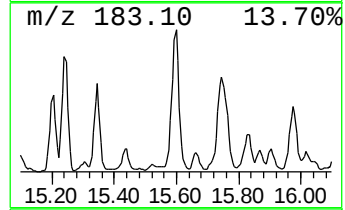
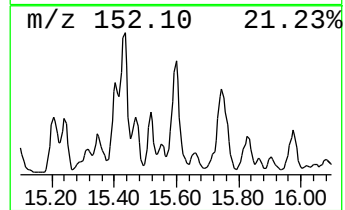
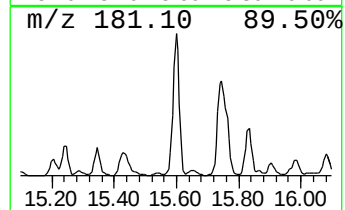
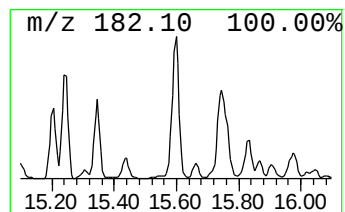
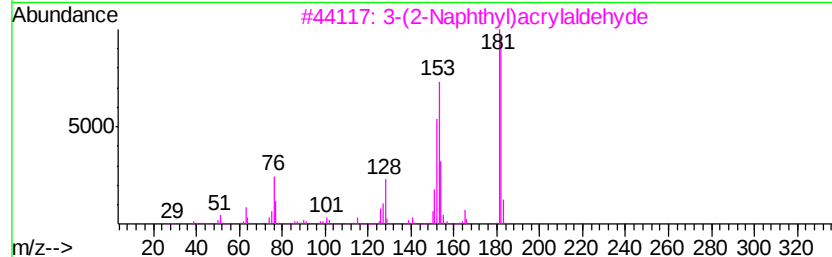
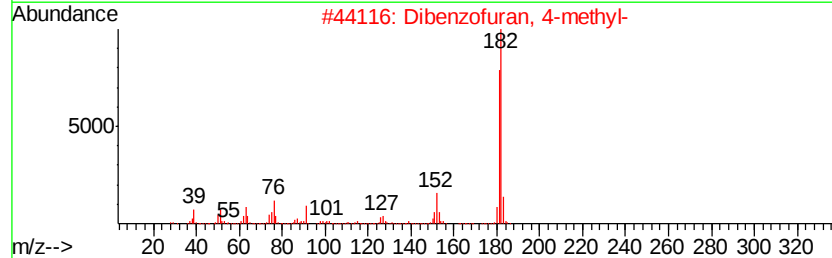
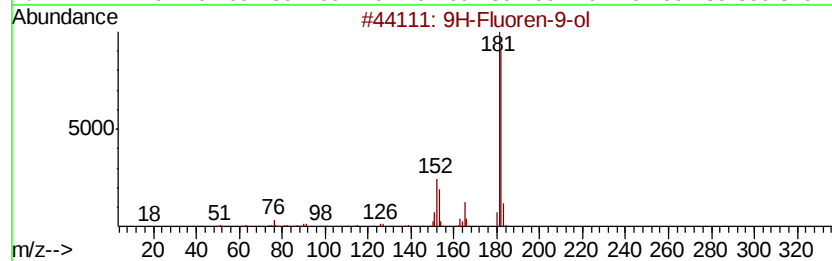
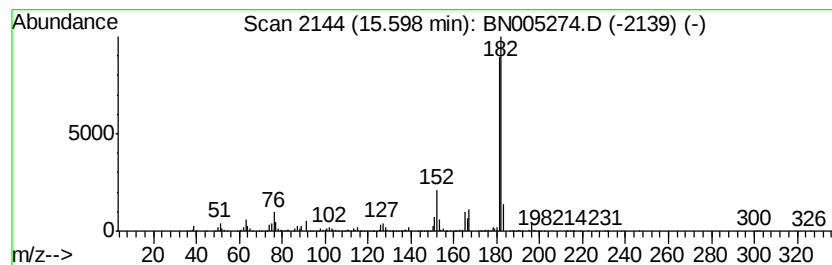
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 9H-Fluoren-9-ol Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	6.95 ng/ul	19134100	Acenaphthene-d10	14.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72
3			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
4			Pyridine, 4,4'-(1,2-ethenedivl)bis-	182	C12H10N2	001135-32-6	59
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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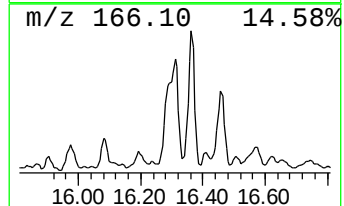
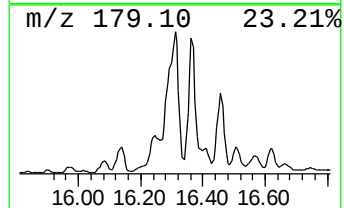
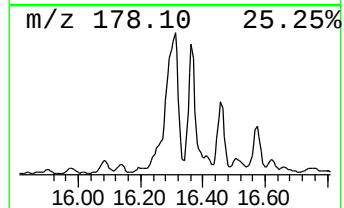
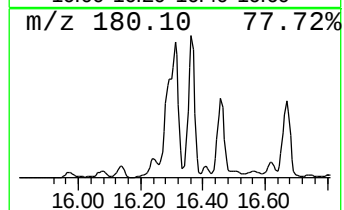
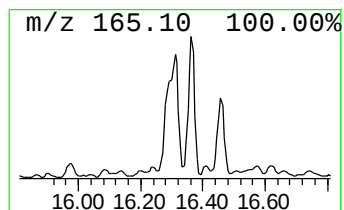
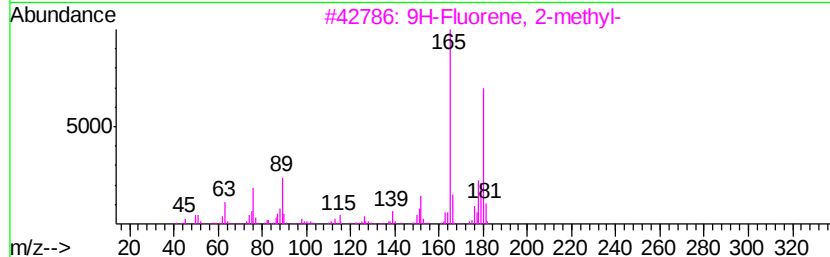
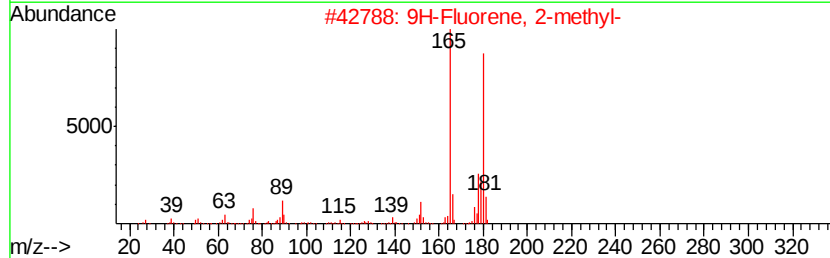
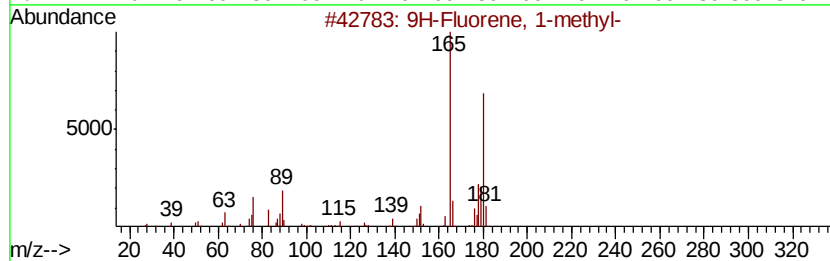
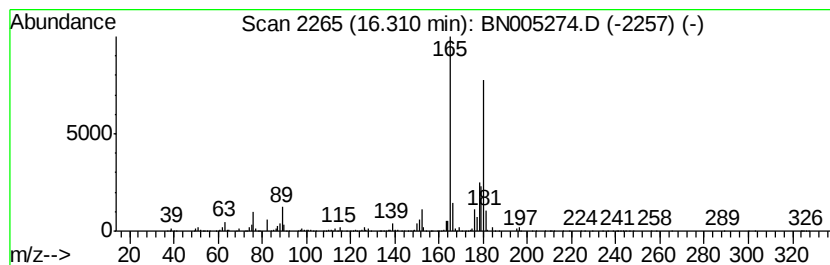
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 9H-Fluorene, 1-methyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.31	3.74 ng/ul	51797400	Phenanthrene-d10	17.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

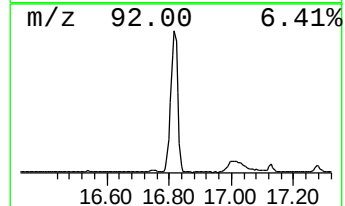
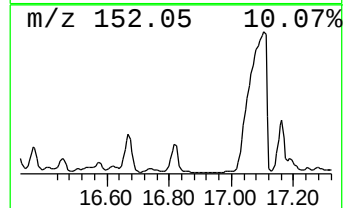
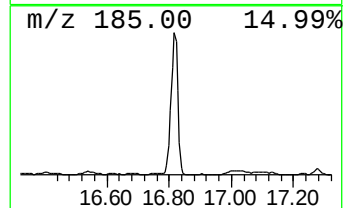
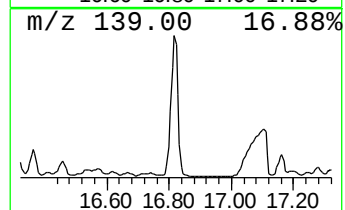
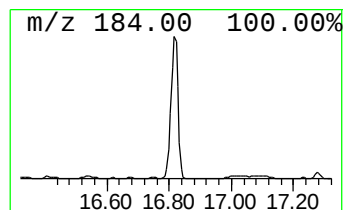
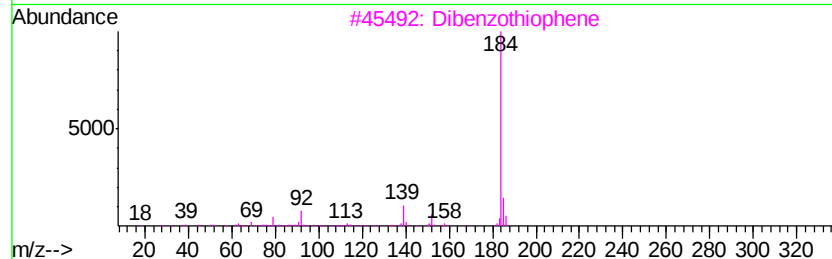
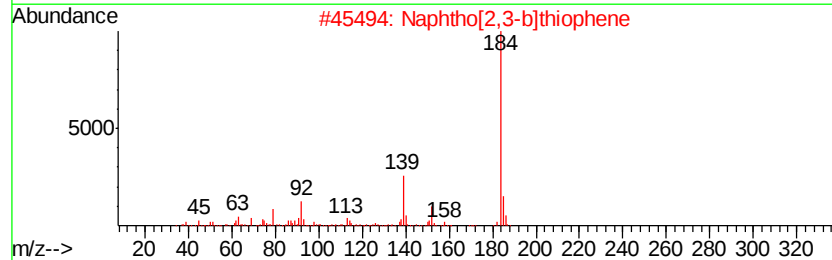
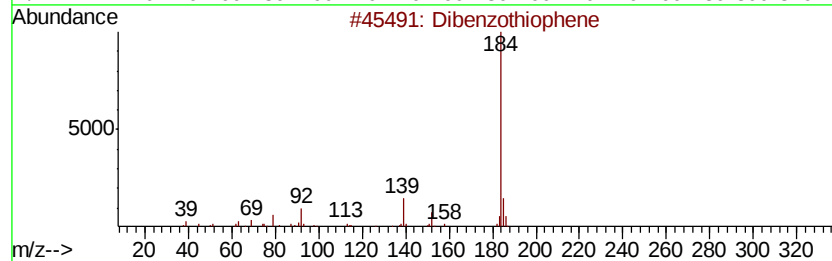
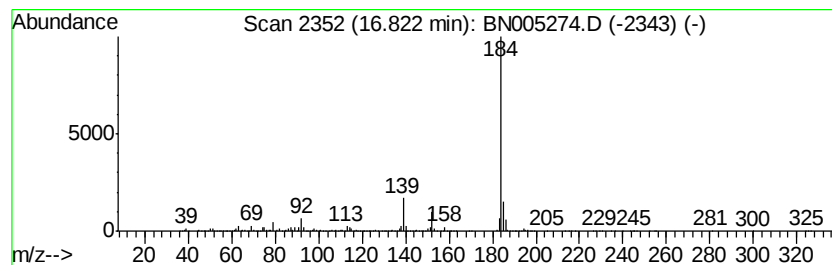
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 Dibenzothiophene Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	2.57 ng/ul	35624500	Phenanthrene-d10	17.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dibenzothiophene	184 C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184 C12H8S	000268-77-9	96
3	Dibenzothiophene	184 C12H8S	000132-65-0	94
4	Dibenzothiophene	184 C12H8S	000132-65-0	94
5	Dibenzothiophene	184 C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

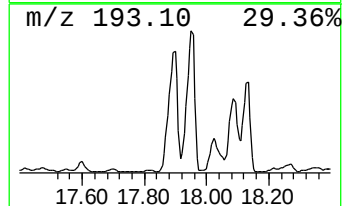
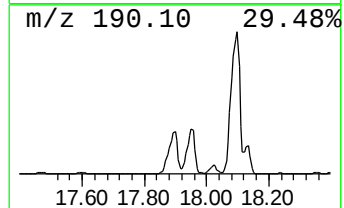
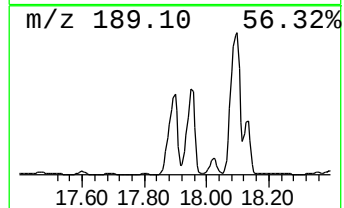
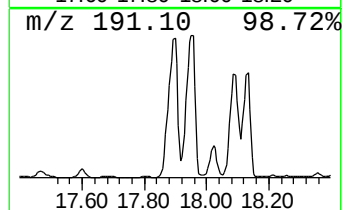
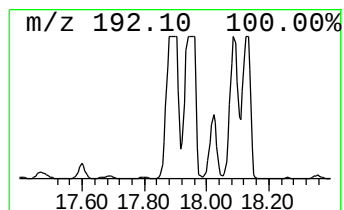
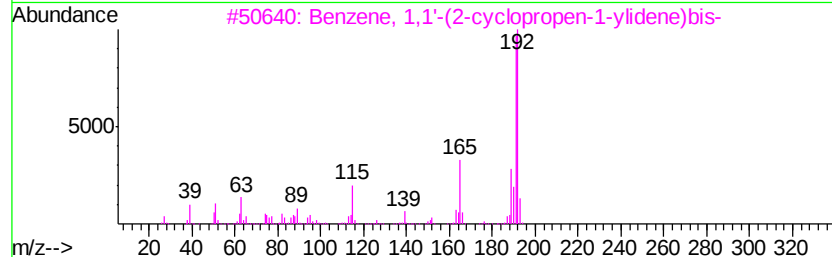
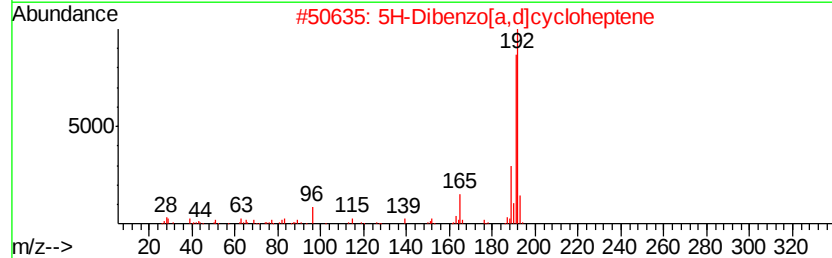
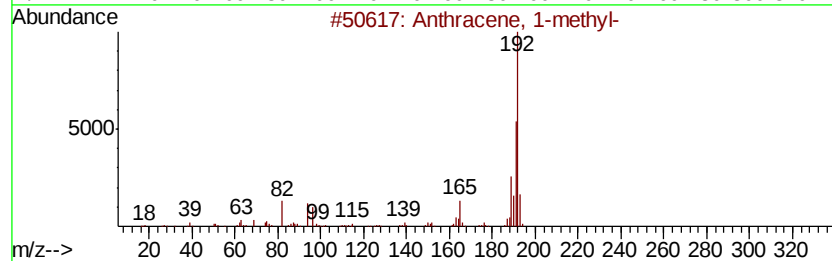
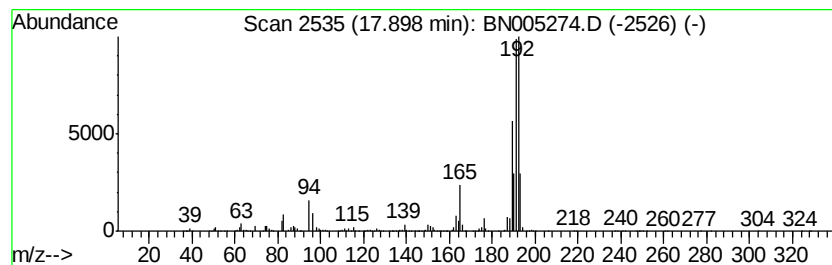
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Anthracene, 1-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.90	6.60 ng/ul	91406800	Phenanthrene-d10	17.00		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	76
3		Benzene, 1,1'-(2-cyclopropen-1-ylidene)bis-	192	C15H12	022825-21-4	70
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
5		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042419\
Data File : BN005274.D
Acq On : 25 Apr 2019 05:43
Operator : JU/SJ
Sample : K2455-05 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

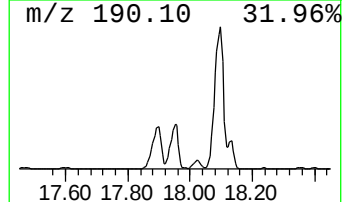
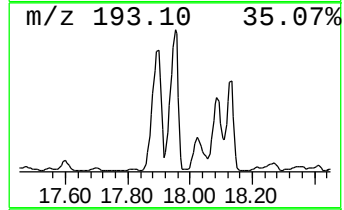
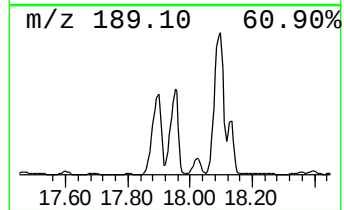
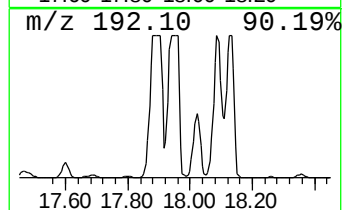
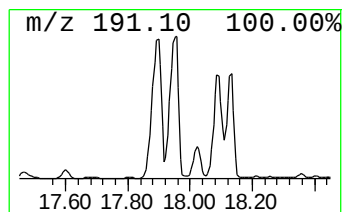
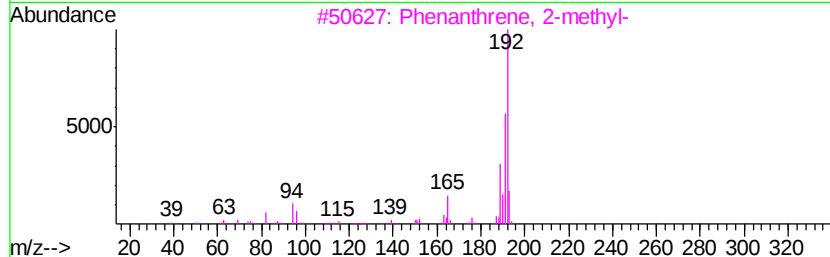
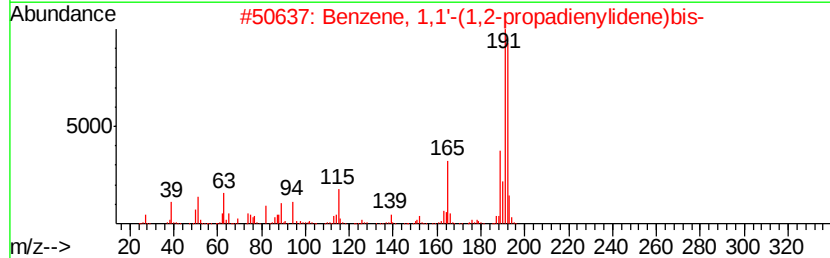
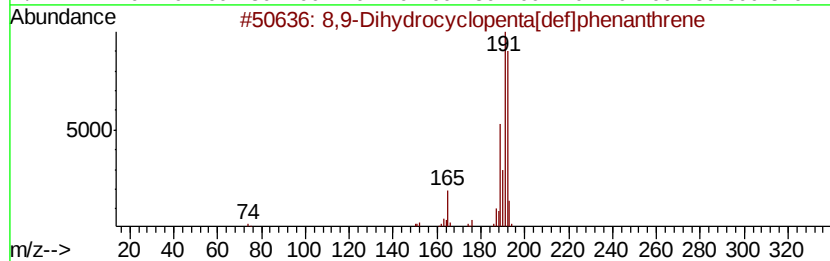
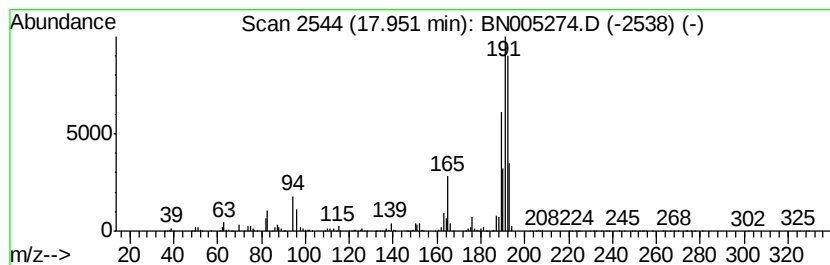
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 8,9-Dihydrocyclopenta[def]p... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.95	6.53 ng/ul	90453600	Phenanthrene-d10	17.00	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	83
2	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	70
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	64
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	62
5	Benzene, 1,1'-(2-cyclopropen-1-y...	192	C15H12	022825-21-4	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042419\
 Data File : BN005274.D
 Acq On : 25 Apr 2019 05:43
 Operator : JU/SJ
 Sample : K2455-05 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	6.71	13.3	ng/ul	12291600	1	7.60	18435900	20.0
Benzene, 1,2,3-tr...	6.84	18.4	ng/ul	16920200	1	7.60	18435900	20.0
Benzene, 1-etheny...	7.28	104.5	ng/ul	96344700	1	7.60	18435900	20.0
Benzene, 1-etheny...	7.35	21.7	ng/ul	19997800	1	7.60	18435900	20.0
Indane	7.97	8.8	ng/ul	8097000	1	7.60	18435900	20.0
Indene	8.15	100.5	ng/ul	92607900	1	7.60	18435900	20.0
Benzene, 2-ethyl-...	8.23	10.4	ng/ul	9600930	1	7.60	18435900	20.0
(DEL) Alkane: Str...	8.83	9.3	ng/ul	8579150	1	7.60	18435900	20.0
Benzene, 1-methyl...	8.86	25.4	ng/ul	23415100	1	7.60	18435900	20.0
1H-Indene, 1-methyl-	9.82	2.9	ng/ul	65233500	2	10.43	455445000	20.0
Naphthalene, 1-me...	12.16	20.4	ng/ul	463433000	2	10.43	455445000	20.0
Benzocycloheptatr...	12.37	104.7	ng/ul	288137000	3	14.25	55028700	20.0
Naphthalene, 1-et...	13.28	26.3	ng/ul	72364200	3	14.25	55028700	20.0
Naphthalene, 2,6-...	13.47	81.3	ng/ul	223737000	3	14.25	55028700	20.0
Naphthalene, 1,6-...	13.62	66.3	ng/ul	182538000	3	14.25	55028700	20.0
Naphthalene, 1,7-...	13.84	31.6	ng/ul	86970200	3	14.25	55028700	20.0
(DEL) Alkane: Str...	14.17	3.8	ng/ul	10464000	3	14.25	55028700	20.0
Naphthalene, 2-(1...	14.55	4.1	ng/ul	11376200	3	14.25	55028700	20.0
Naphthalene, 2,3,...	14.74	12.8	ng/ul	35281900	3	14.25	55028700	20.0
Naphthalene, 2-(1...	14.87	20.3	ng/ul	55971100	3	14.25	55028700	20.0
Naphthalene, 1,4,...	14.93	7.5	ng/ul	20664300	3	14.25	55028700	20.0
[1,1'-Biphenyl]-3-ol	15.03	5.1	ng/ul	14130400	3	14.25	55028700	20.0
1H-Phenalene	15.13	11.3	ng/ul	31137400	3	14.25	55028700	20.0
1H,3H-Naphtho[1,8...	15.52	4.5	ng/ul	12295900	3	14.25	55028700	20.0
9H-Fluoren-9-ol	15.60	7.0	ng/ul	19134100	3	14.25	55028700	20.0
9H-Fluorene, 1-me...	16.31	3.7	ng/ul	51797400	4	17.00	276904000	20.0
Dibenzothiophene	16.82	2.6	ng/ul	35624500	4	17.00	276904000	20.0
Anthracene, 1-met...	17.90	6.6	ng/ul	91406800	4	17.00	276904000	20.0
8,9-Dihydrocyclop...	17.95	6.5	ng/ul	90453600	4	17.00	276904000	20.0