

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
 Data File : BN005400.D
 Acq On : 01 May 2019 08:21
 Operator : JU/SJ
 Sample : K2455-05MEDL 30X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7MEDL

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	6.834	649	654	660	rVB	86788	125869	1.12%	0.123%
2	7.252	719	725	735	rVV2	479354	857582	7.62%	0.838%
3	7.340	735	740	748	rVB	98859	153879	1.37%	0.150%
4	7.593	774	783	796	rBV	1477563	2344431	20.83%	2.291%
5	7.705	796	802	810	rVV	99134	161395	1.43%	0.158%
6	8.116	861	872	882	rBV	448800	769056	6.83%	0.752%
7	8.687	963	969	973	rBV2	87415	138570	1.23%	0.135%
8	8.852	993	997	1005	rVV2	118104	226181	2.01%	0.221%
9	9.263	1061	1067	1074	rVB	99723	174691	1.55%	0.171%
10	9.340	1074	1080	1086	rBV	93976	137840	1.22%	0.135%
11	9.793	1147	1157	1162	rBV3	215702	530343	4.71%	0.518%
12	9.857	1162	1168	1172	rVV2	238880	424736	3.77%	0.415%
13	9.899	1172	1175	1183	rVB	120230	187164	1.66%	0.183%
14	10.351	1244	1252	1256	rBV	2152171	3663175	32.55%	3.580%
15	10.404	1256	1261	1270	rVB	4719350	7662452	68.08%	7.489%
16	10.522	1271	1281	1287	rVB3	74741	227303	2.02%	0.222%
17	11.393	1423	1429	1434	rBV2	72791	126431	1.12%	0.124%
18	11.740	1483	1488	1493	rVV	136493	241859	2.15%	0.236%
19	11.798	1493	1498	1506	rVV	190049	313365	2.78%	0.306%
20	11.916	1513	1518	1527	rVB	74356	149814	1.33%	0.146%
21	12.022	1527	1536	1546	rBV	6831189	11254627	100.00%	11.000%
22	12.245	1562	1574	1584	rBV	3819571	6125342	54.43%	5.987%
23	13.051	1705	1711	1720	rBV2	496464	893431	7.94%	0.873%
24	13.251	1738	1745	1756	rVB	412750	880371	7.82%	0.860%
25	13.387	1758	1768	1769	rBV	1257623	1980040	17.59%	1.935%
26	13.545	1785	1795	1800	rVV	1605296	2851559	25.34%	2.787%
27	13.598	1800	1804	1809	rVV	975849	1447140	12.86%	1.414%
28	13.640	1809	1811	1813	rVV	139646	172105	1.53%	0.168%
29	13.675	1813	1817	1824	rVV	617644	928796	8.25%	0.908%
30	13.781	1829	1835	1839	rVV	741920	1137343	10.11%	1.112%
31	13.810	1839	1840	1847	rVB	197923	214040	1.90%	0.209%
32	13.945	1852	1863	1872	rBV2	1547872	2599754	23.10%	2.541%
33	14.063	1877	1883	1893	rBV3	73067	207414	1.84%	0.203%
34	14.151	1893	1898	1901	rVV	96114	126849	1.13%	0.124%

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35	14.228	1901	1911	1917	rVV3	3032325	5208176	46.28%	5.090%
36	14.287	1917	1921	1924	rVV2	254369	394998	3.51%	0.386%
37	14.322	1924	1927	1931	rVV2	181768	249049	2.21%	0.243%
38	14.439	1942	1947	1956	rBV	187313	436645	3.88%	0.427%
39	14.634	1970	1980	1987	rBV	360755	738583	6.56%	0.722%
40	14.710	1987	1993	1998	rVV	304190	408397	3.63%	0.399%
41	14.839	2009	2015	2021	rBV3	290367	642931	5.71%	0.628%
42	14.904	2021	2026	2030	rVV2	229644	339812	3.02%	0.332%
43	15.004	2037	2043	2044	rBV	110318	161551	1.44%	0.158%
44	15.028	2044	2047	2050	rVV	112929	155840	1.38%	0.152%
45	15.104	2056	2060	2065	rVB3	246517	348423	3.10%	0.341%
46	15.169	2066	2071	2074	rBV2	94474	154488	1.37%	0.151%
47	15.222	2075	2080	2085	rVV3	422786	651165	5.79%	0.636%
48	15.281	2085	2090	2102	rVV	1159810	1893374	16.82%	1.851%
49	15.404	2108	2111	2115	rVV3	144667	222834	1.98%	0.218%
50	15.575	2135	2140	2149	rBV2	138051	238351	2.12%	0.233%
51	15.728	2162	2166	2174	rVB2	87018	200618	1.78%	0.196%
52	15.969	2200	2207	2211	rBV3	92108	161413	1.43%	0.158%
53	16.286	2247	2261	2266	rVV	274113	716188	6.36%	0.700%
54	16.339	2266	2270	2276	rVV	265571	422049	3.75%	0.413%
55	16.439	2282	2287	2292	rVV2	140942	245491	2.18%	0.240%
56	16.516	2292	2300	2304	rVV9	47904	145703	1.29%	0.142%
57	16.633	2317	2320	2328	rVV3	91208	163217	1.45%	0.160%
58	16.798	2344	2348	2361	rVB	225104	362398	3.22%	0.354%
59	16.980	2372	2379	2383	rVV2	3897741	5725056	50.87%	5.596%
60	17.022	2383	2386	2392	rVV	4194809	5590638	49.67%	5.464%
61	17.081	2392	2396	2398	rVV	207030	323589	2.88%	0.316%
62	17.116	2398	2402	2407	rVV	379118	570332	5.07%	0.557%
63	17.180	2408	2413	2418	rVV2	86709	175599	1.56%	0.172%
64	17.504	2464	2468	2472	rVB	109277	139424	1.24%	0.136%
65	17.563	2472	2478	2487	rVB3	132837	242973	2.16%	0.237%
66	17.704	2492	2502	2508	rVB4	73737	213738	1.90%	0.209%
67	17.857	2522	2528	2532	rBV	904215	1231154	10.94%	1.203%
68	17.904	2532	2536	2546	rVV	952847	1352713	12.02%	1.322%
69	17.986	2546	2550	2554	rVV	107296	137844	1.22%	0.135%
70	18.051	2555	2561	2565	rVV2	700958	1230542	10.93%	1.203%
71	18.092	2565	2568	2578	rVB	458957	623647	5.54%	0.610%

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72	18.369	2610	2615	2619	rVV	357008	517304	4.60%	0.506%
73	18.410	2619	2622	2627	rVB2	177477	246255	2.19%	0.241%
74	18.616	2648	2657	2662	rBV2	111950	204127	1.81%	0.200%
75	18.669	2662	2666	2669	rVB	102511	123869	1.10%	0.121%
76	18.792	2682	2687	2692	rBV2	243933	421950	3.75%	0.412%
77	18.851	2692	2697	2700	rBV4	114938	200482	1.78%	0.196%
78	18.886	2700	2703	2707	rVB2	110022	139875	1.24%	0.137%
79	18.927	2707	2710	2713	rBV3	76721	123746	1.10%	0.121%
80	19.057	2724	2732	2739	rBV	924263	1340560	11.91%	1.310%
81	19.210	2753	2758	2763	rVV	285782	397293	3.53%	0.388%
82	19.422	2784	2794	2804	rVV2	1328081	2223010	19.75%	2.173%
83	19.757	2846	2851	2861	rBV3	122114	246130	2.19%	0.241%
84	19.892	2869	2874	2877	rVV3	118923	229813	2.04%	0.225%
85	19.927	2877	2880	2885	rVB2	242988	333200	2.96%	0.326%
86	20.027	2893	2897	2901	rBV	183866	261308	2.32%	0.255%
87	20.086	2903	2907	2911	rVB	160215	200359	1.78%	0.196%
88	20.227	2927	2931	2935	rVV2	120555	170790	1.52%	0.167%
89	20.274	2935	2939	2947	rVB	152852	218318	1.94%	0.213%
90	20.692	3006	3010	3016	rVB4	109659	171577	1.52%	0.168%
91	21.216	3092	3099	3103	rBV2	3781750	5553400	49.34%	5.428%
92	21.251	3103	3105	3118	rVB	385909	610112	5.42%	0.596%
93	21.774	3191	3194	3199	rVB2	102197	126992	1.13%	0.124%
94	21.833	3200	3204	3209	rVB3	174943	257329	2.29%	0.252%
95	22.298	3279	3283	3288	rVB	250359	319114	2.84%	0.312%
96	22.798	3365	3368	3375	rVB	363054	556815	4.95%	0.544%
97	23.351	3455	3462	3467	rVB2	325141	629075	5.59%	0.615%
98	23.421	3468	3474	3485	rBV	2058925	3892659	34.59%	3.805%
99	23.980	3565	3569	3575	rVB	268220	476296	4.23%	0.466%
100	24.709	3688	3693	3701	rVB	219701	467495	4.15%	0.457%

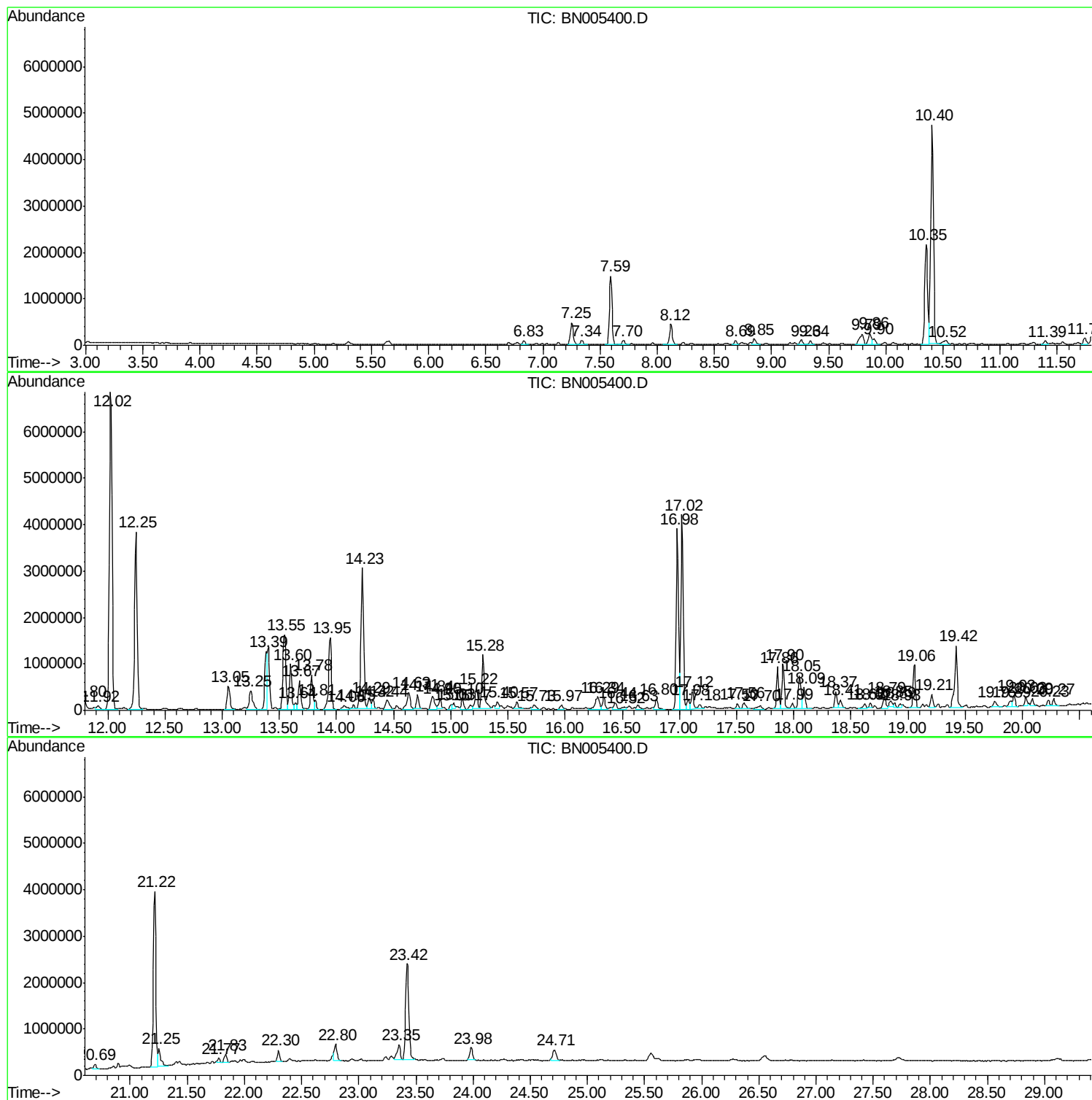
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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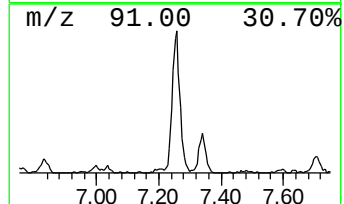
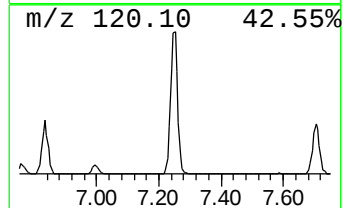
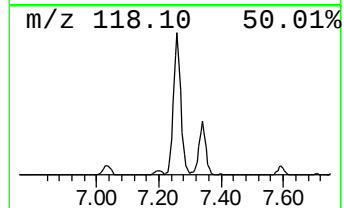
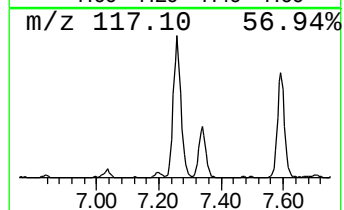
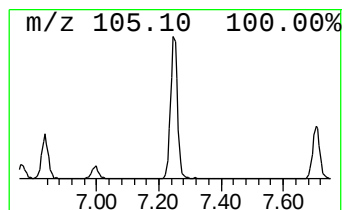
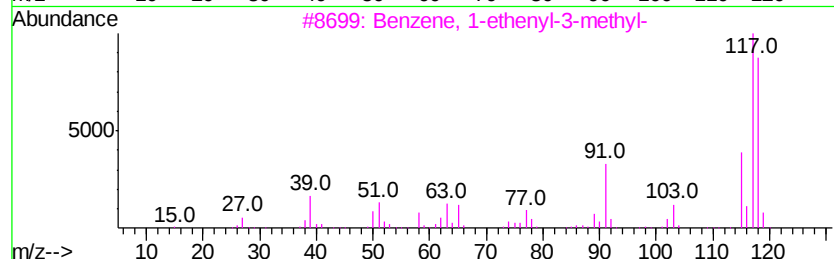
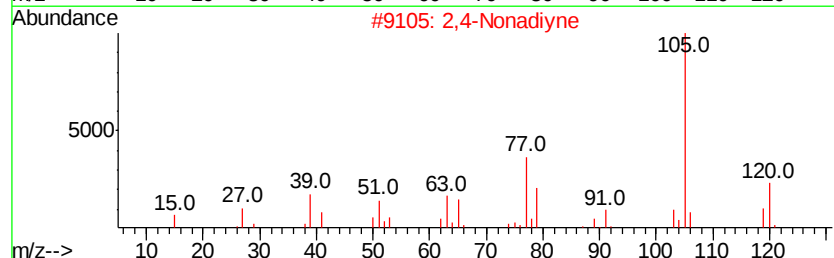
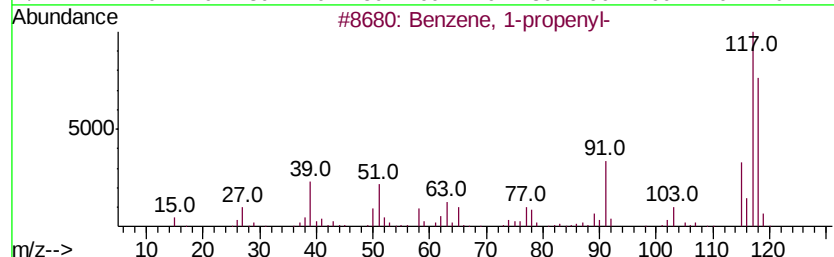
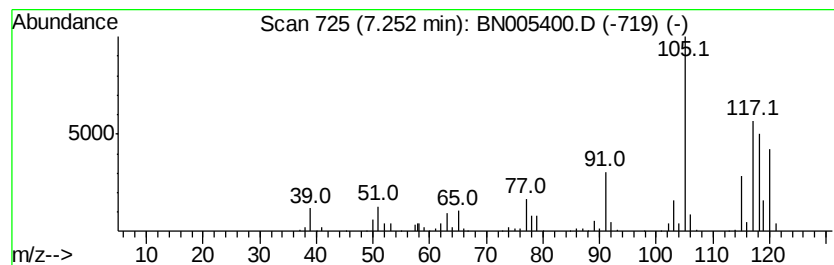
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	7.32 ng/ul	857582	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-propenyl-	118	C9H10	000637-50-3	46
2			2,4-Nonadiyne	120	C9H12	063621-15-8	46
3			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	46
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	46
5			Benzene, 2-propenyl-	118	C9H10	000300-57-2	46



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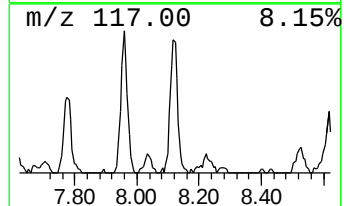
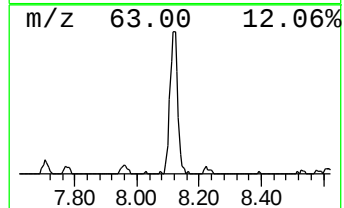
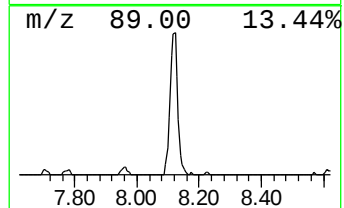
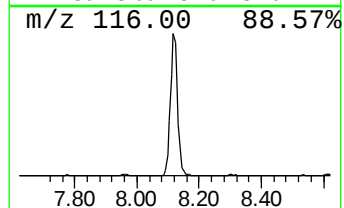
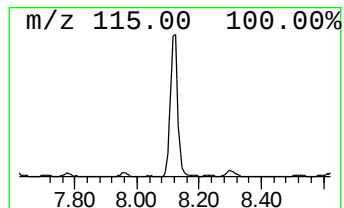
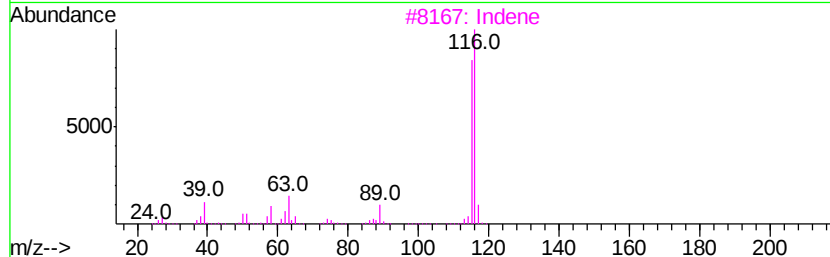
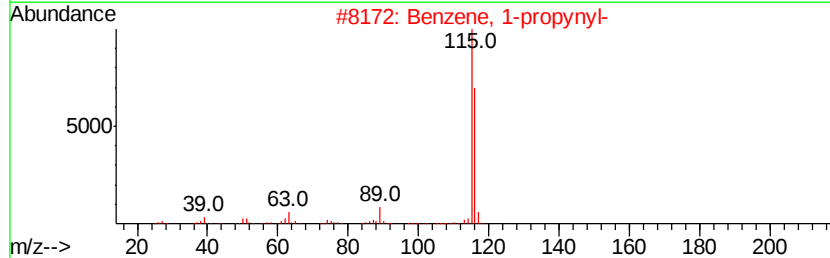
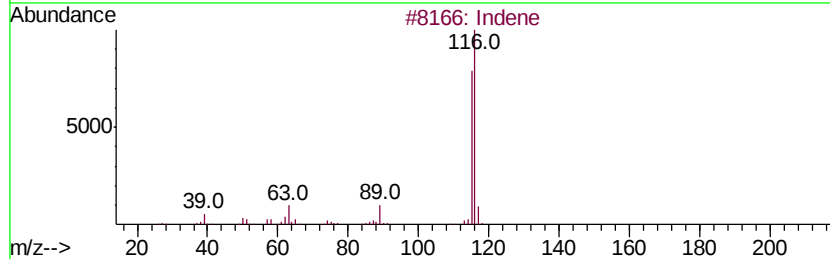
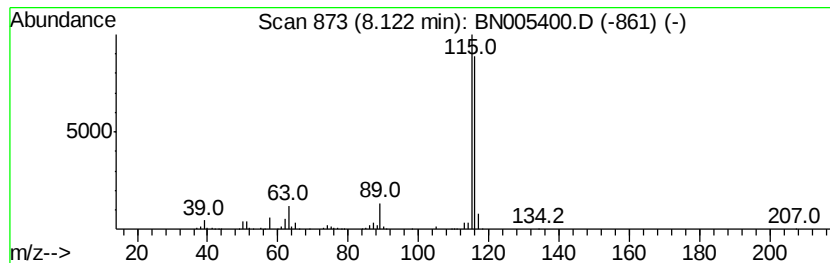
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Indene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	6.56 ng/ul	769056	1,4-Dichlorobenzene-d4	7.59

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indene	116	C9H8	000095-13-6	97
2		Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3		Indene	116	C9H8	000095-13-6	93
4		Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5		Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91



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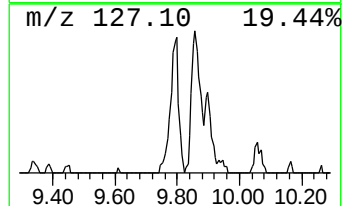
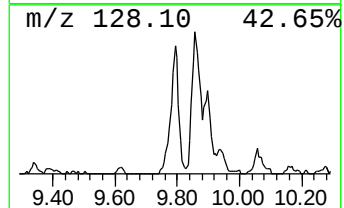
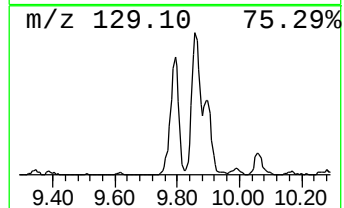
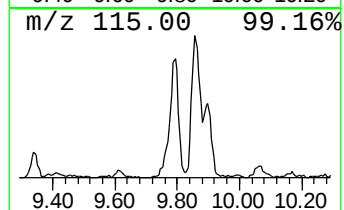
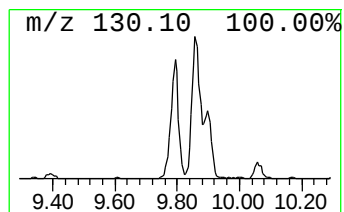
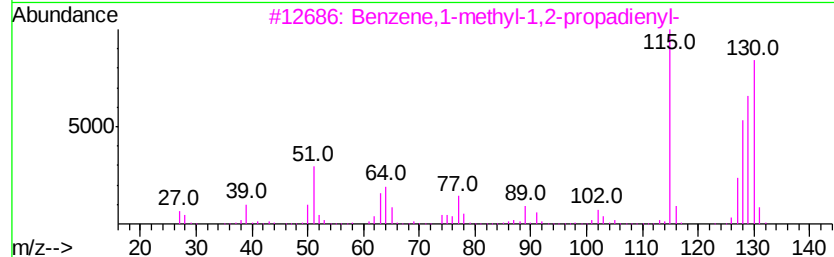
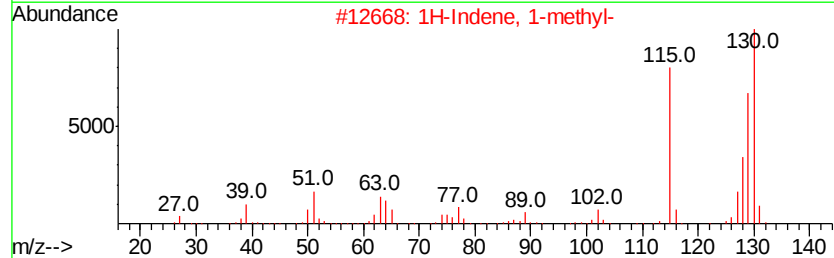
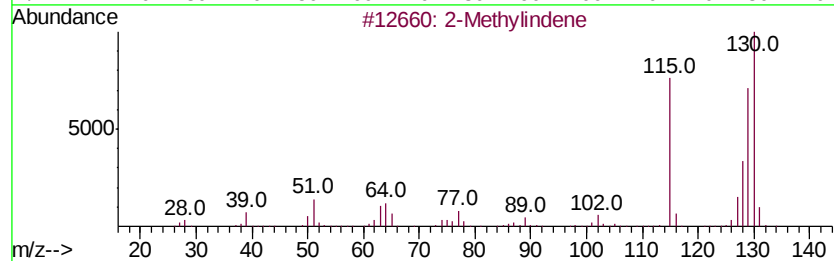
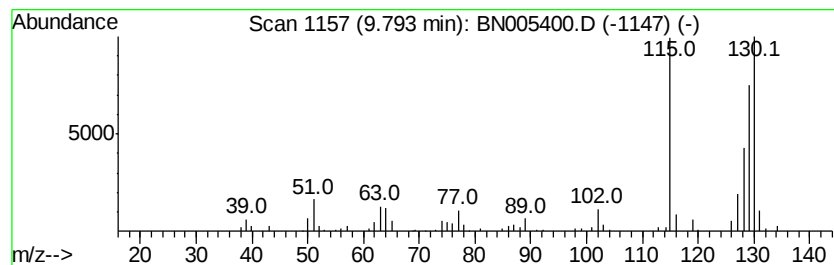
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	2.90 ng/ul	530343	Naphthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	2-Methylindene	130 C10H10	002177-47-1	96
2	1H-Indene, 1-methyl-	130 C10H10	000767-59-9	96
3	Benzene,1-methyl-1,2-propadienyl-	130 C10H10	022433-39-2	96
4	1,4-Dihydronaphthalene	130 C10H10	000612-17-9	95
5	Benzene, (1-methyl-2-cyclopropen...	130 C10H10	065051-83-4	94



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Acq On : 01 May 2019 08:21
Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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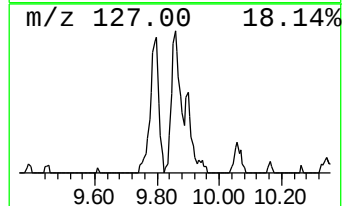
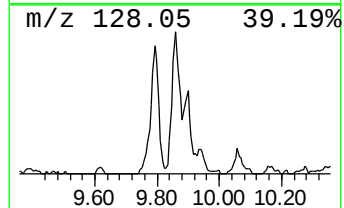
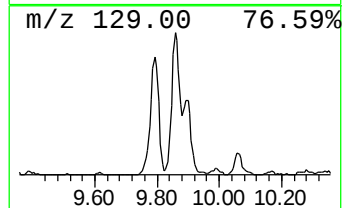
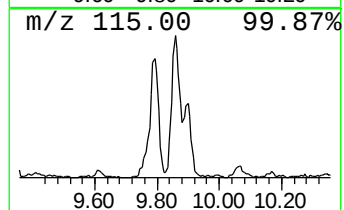
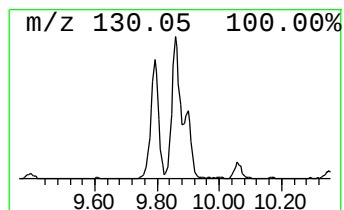
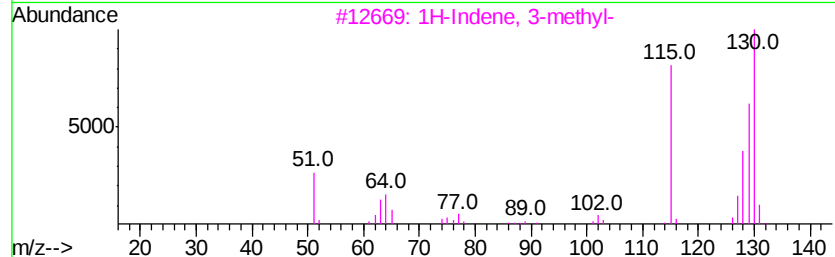
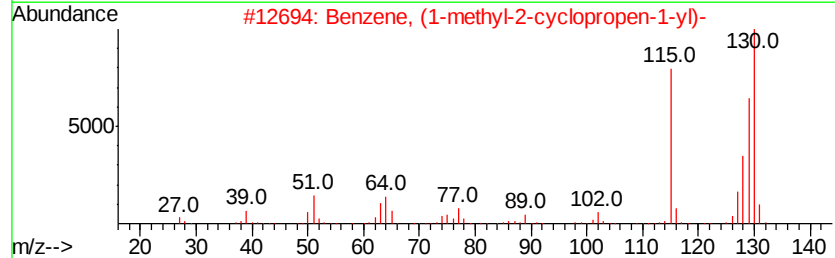
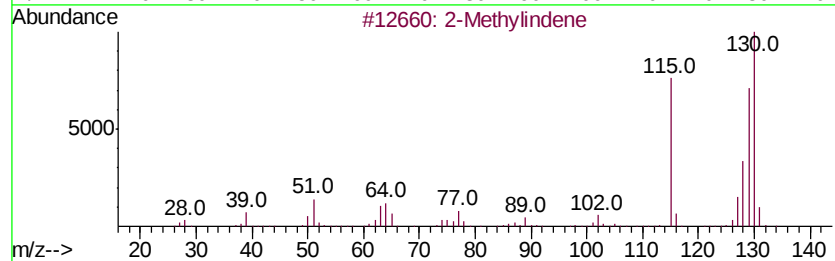
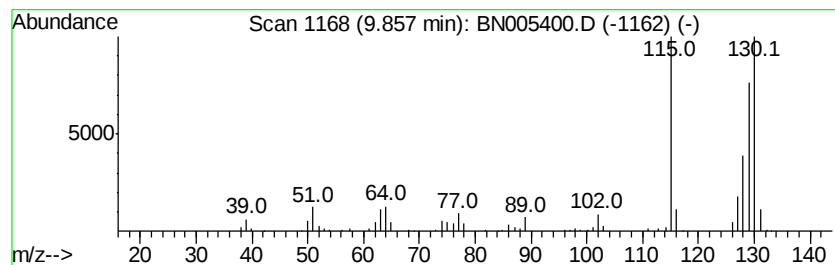
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 2-Methylindene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	2.32 ng/ul	424736	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Methylindene	130	C10H10	002177-47-1	97
2		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
4		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95



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Operator : JU/SJ
Sample : K2455-05MEDL 30X
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ALS Vial : 33 Sample Multiplier: 1

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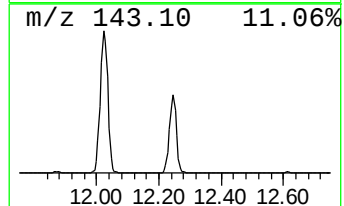
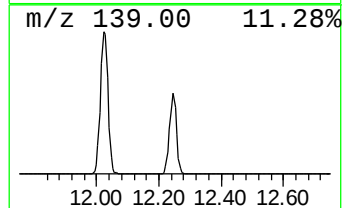
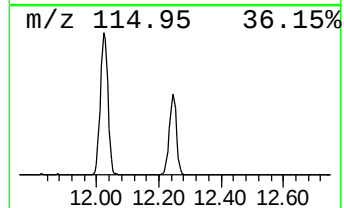
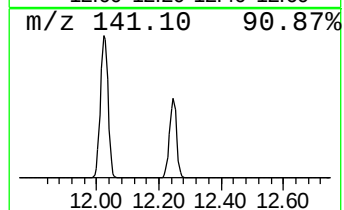
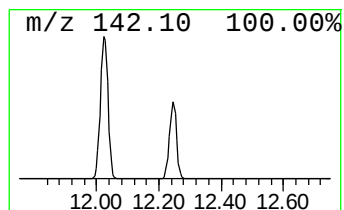
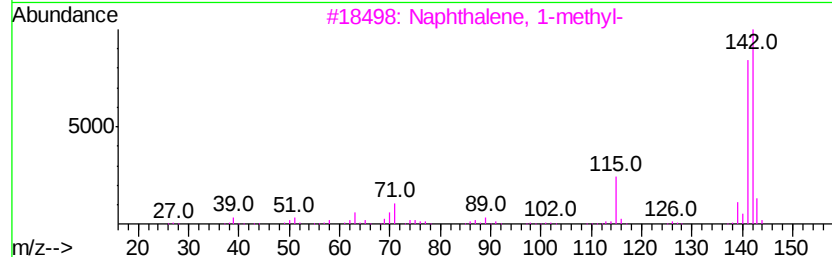
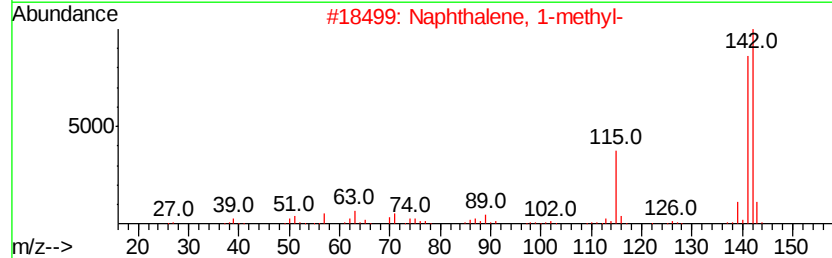
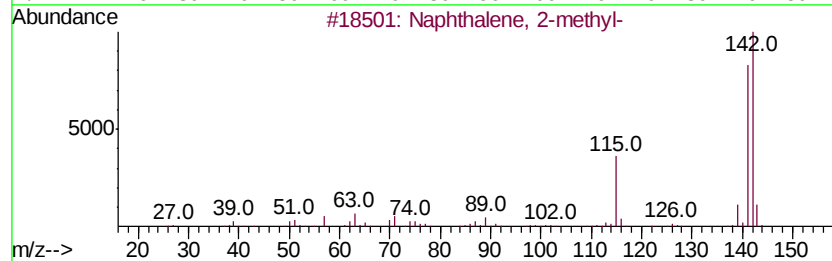
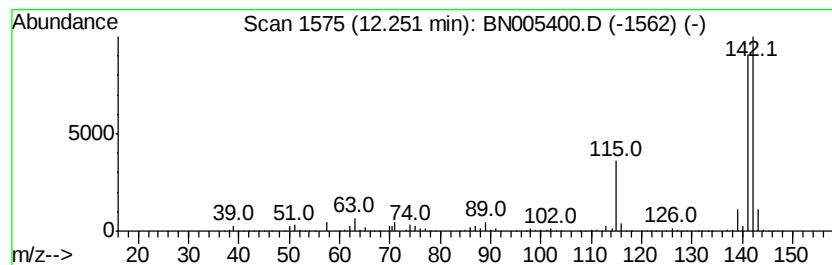
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	33.44 ng/ul	6125340	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Benzocycloheptatriene	142	C11H10	000264-09-5	91



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Data File : BN005400.D
Acq On : 01 May 2019 08:21
Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

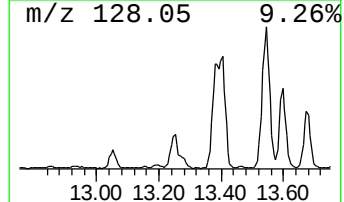
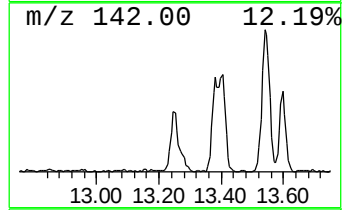
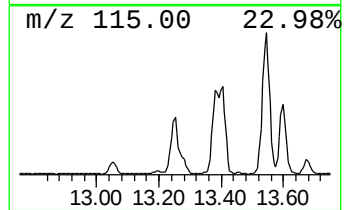
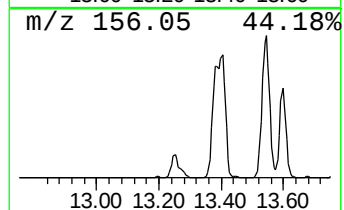
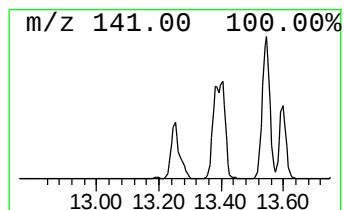
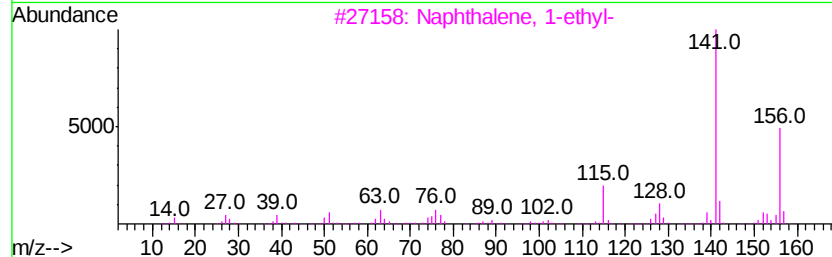
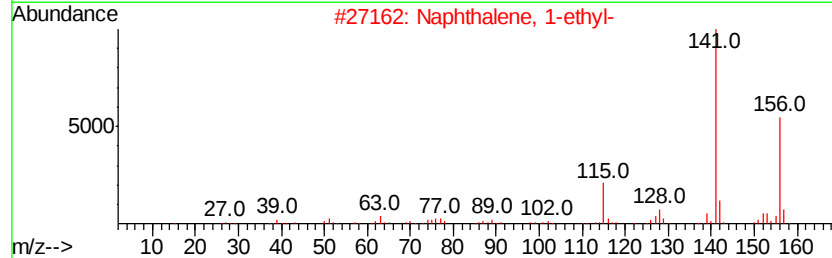
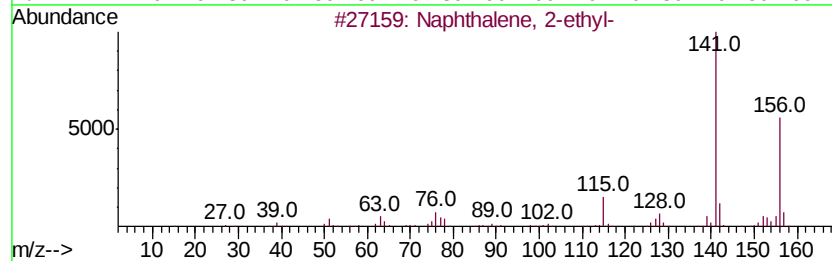
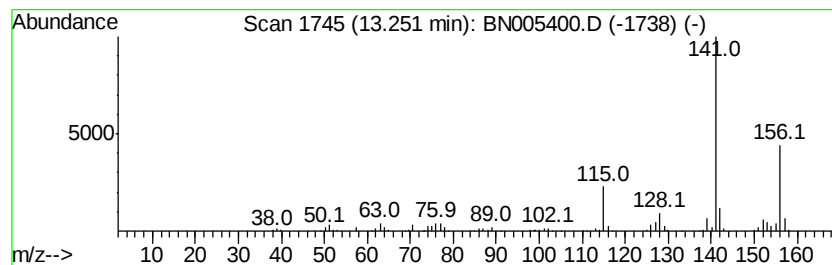
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	3.38 ng/ul	880371	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
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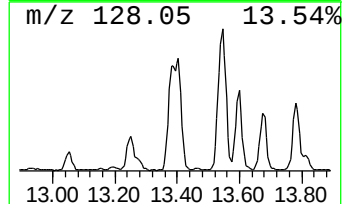
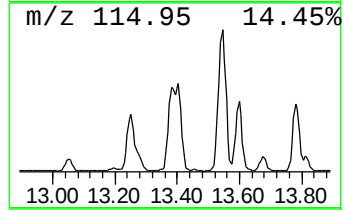
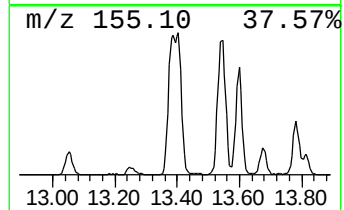
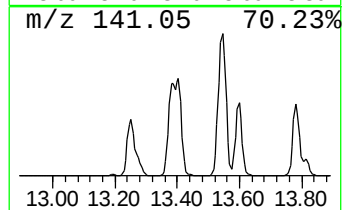
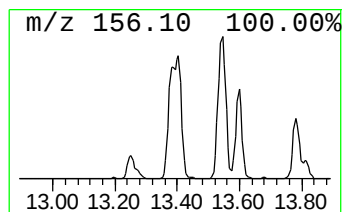
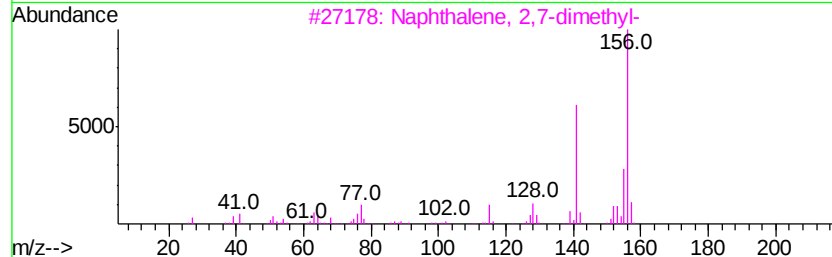
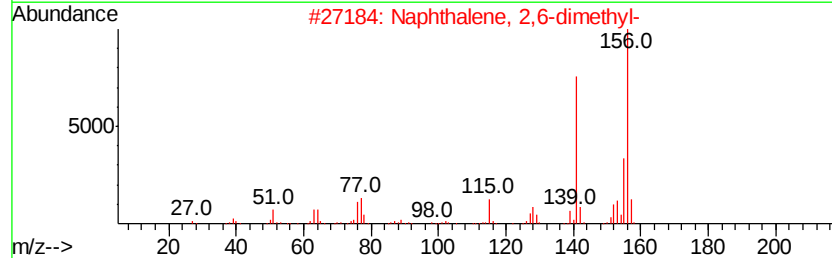
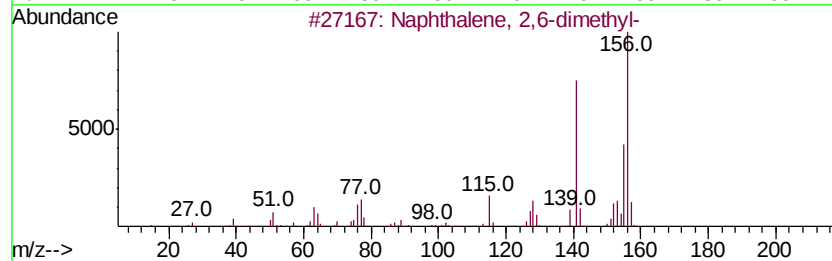
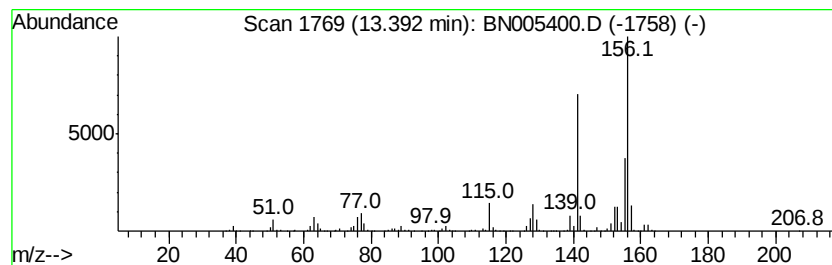
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	7.60 ng/ul	1980040	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 96
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
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Acq On : 01 May 2019 08:21
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ClientSampleId :
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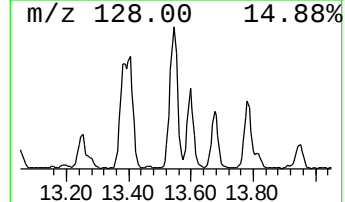
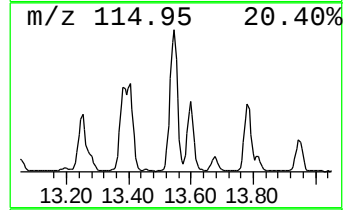
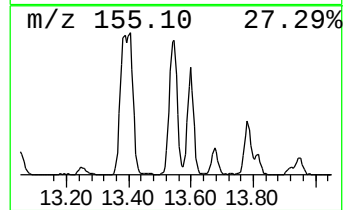
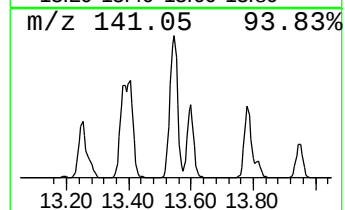
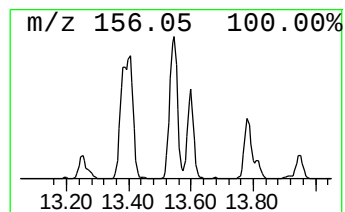
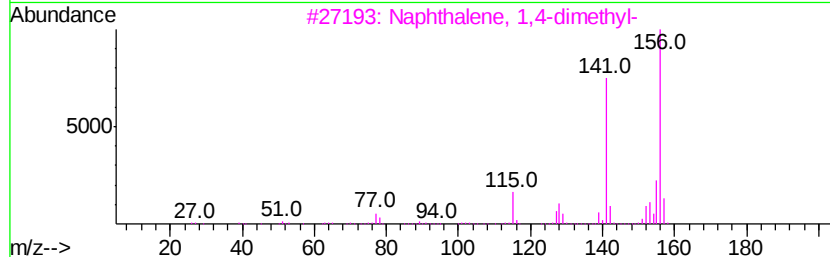
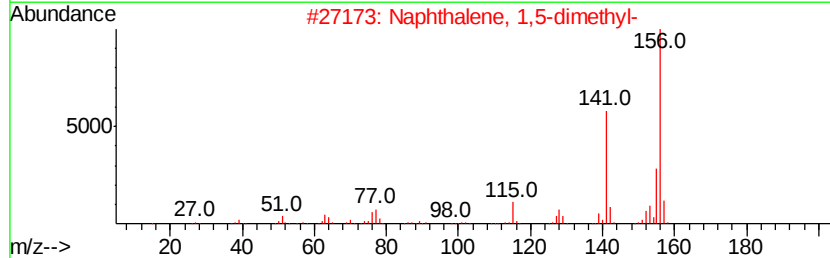
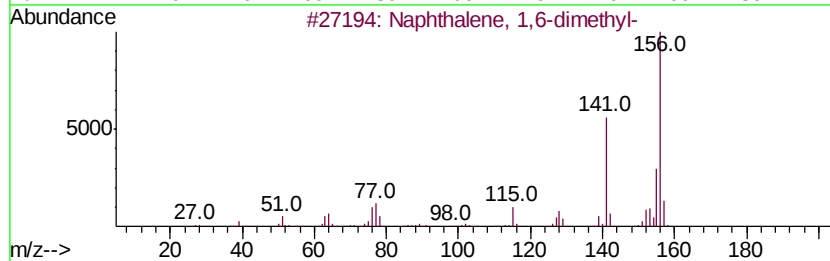
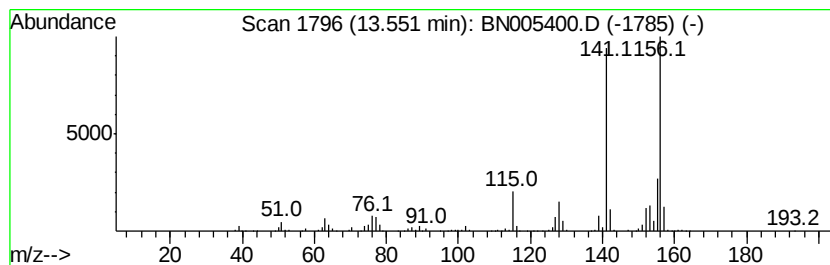
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	10.95 ng/ul	2851560	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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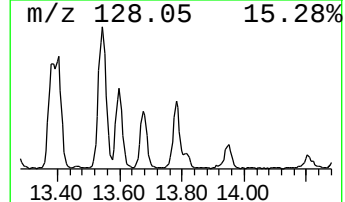
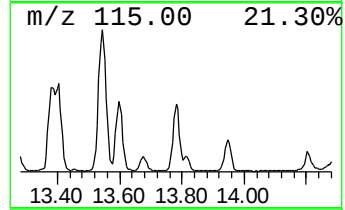
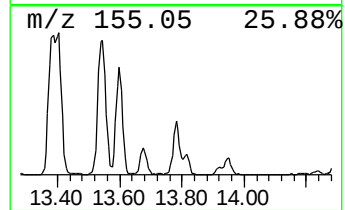
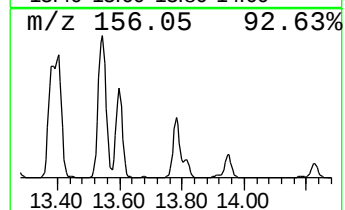
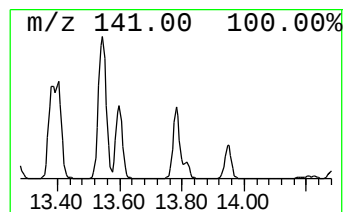
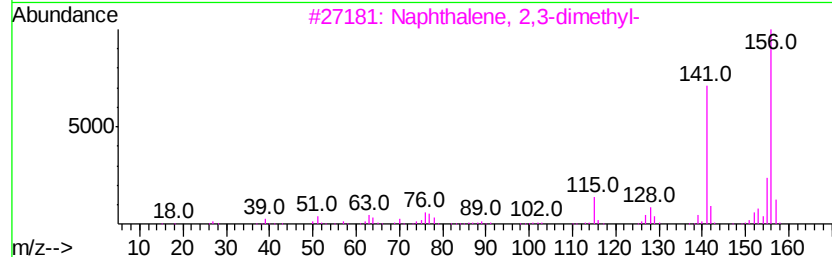
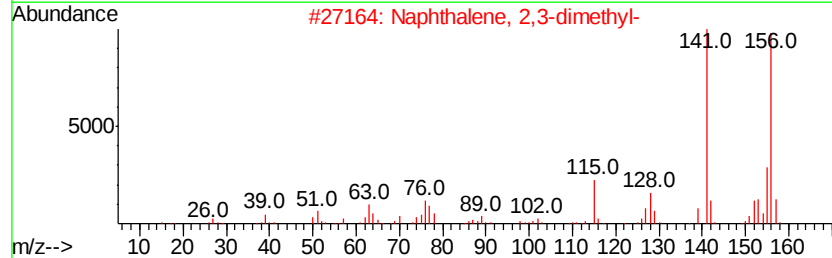
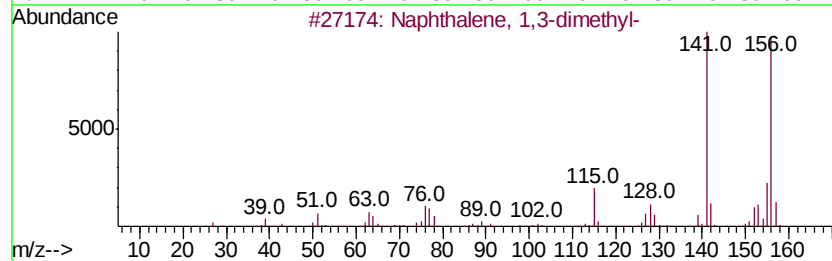
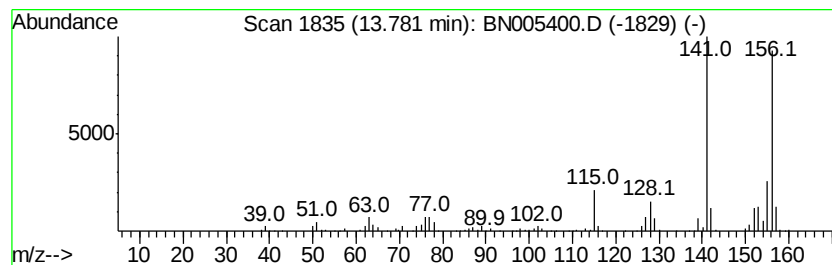
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.37 ng/ul	1137340	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 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, 1,4-dimethyl-	156 C12H12	000571-58-4 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
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Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

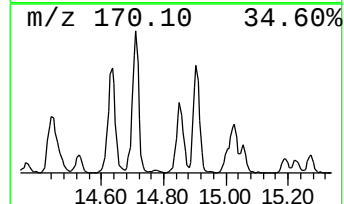
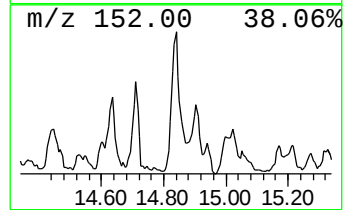
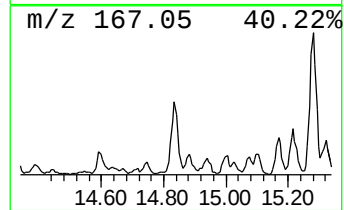
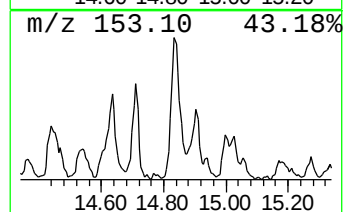
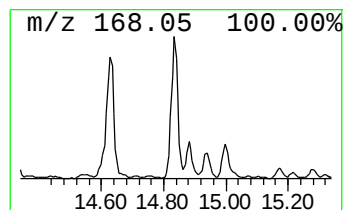
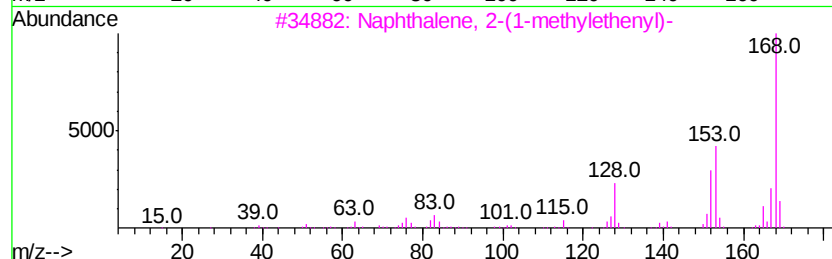
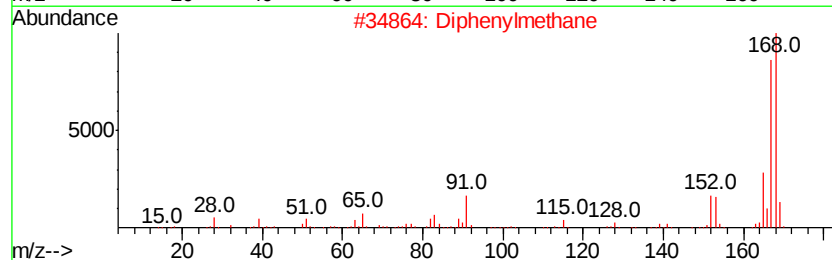
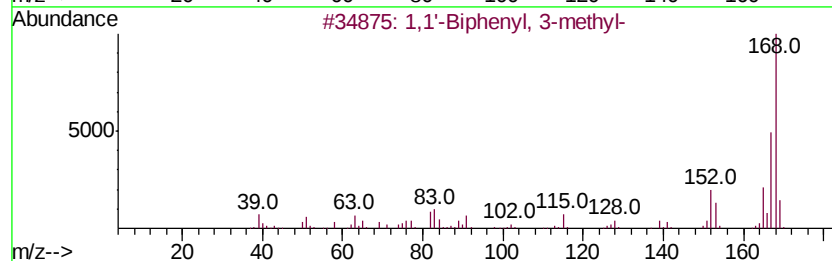
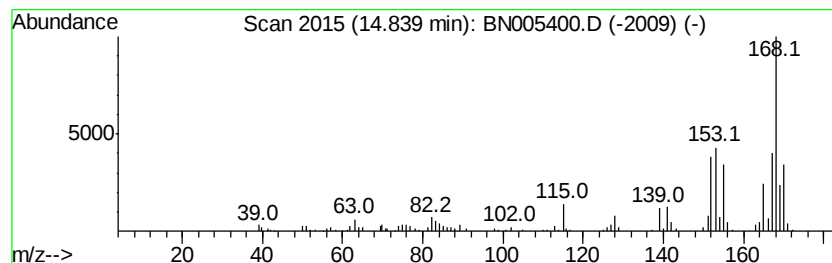
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.47 ng/ul	642931	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 90
2		Diphenylmethane	168 C13H12	000101-81-5 53
3		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 50
4		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 49
5		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005400.D
Acq On : 01 May 2019 08:21
Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

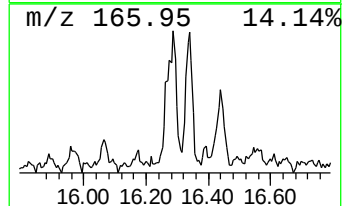
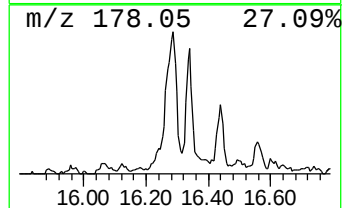
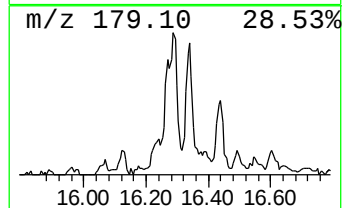
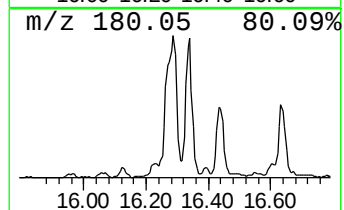
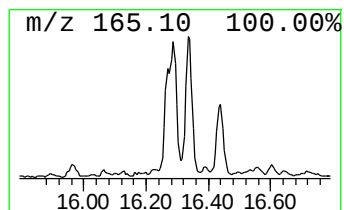
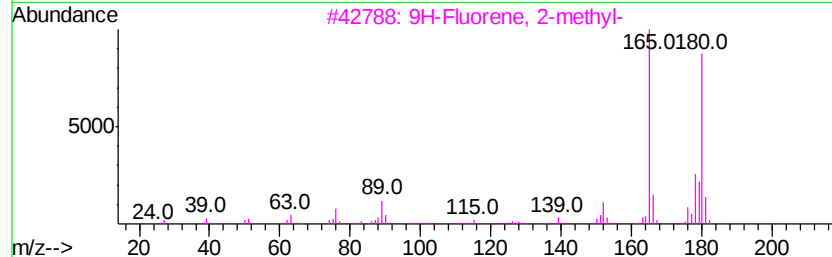
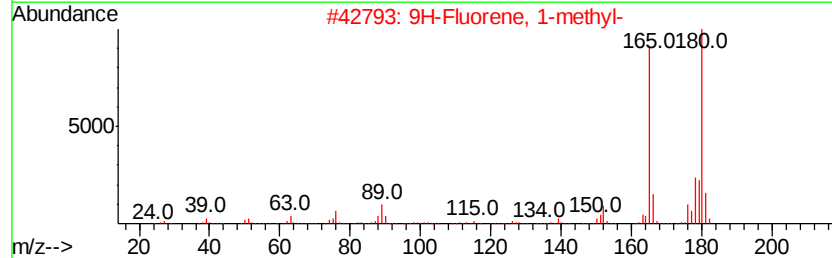
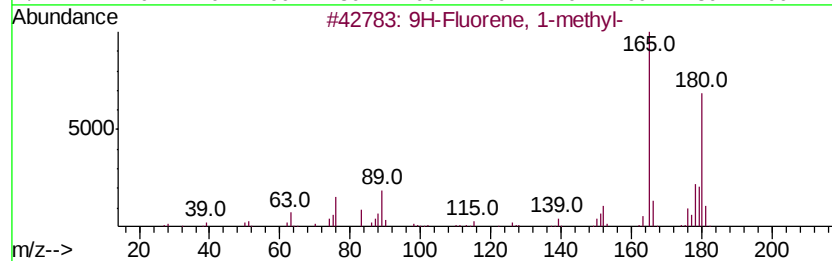
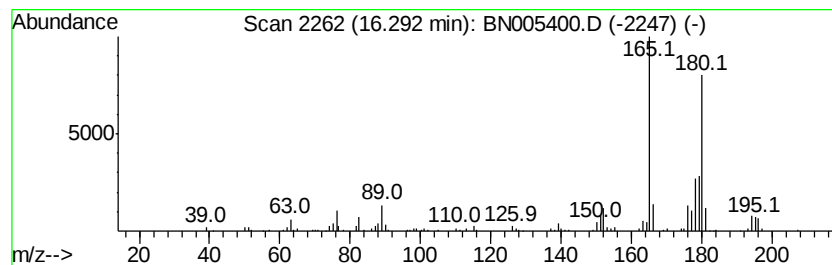
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.29	2.50 ng/ul	716188	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005400.D
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Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

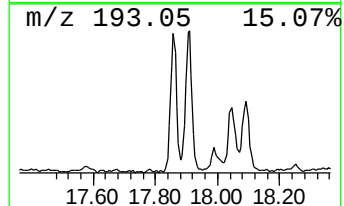
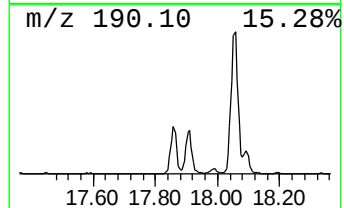
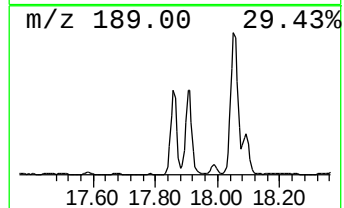
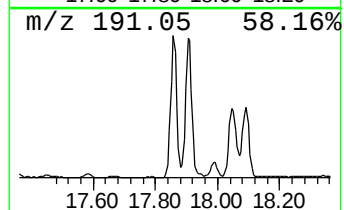
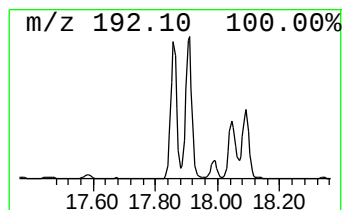
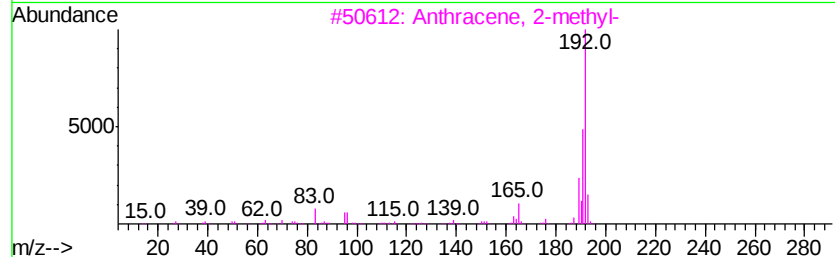
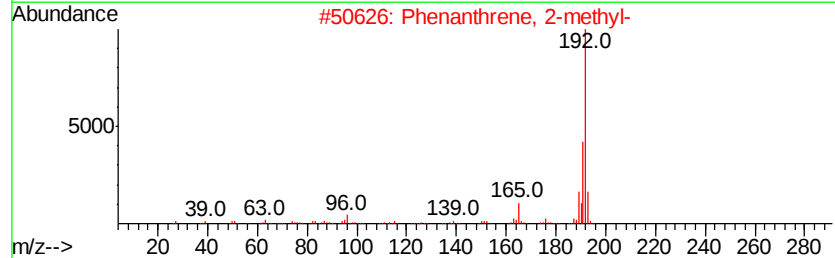
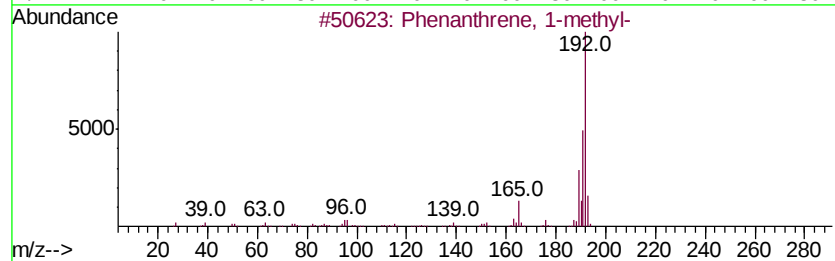
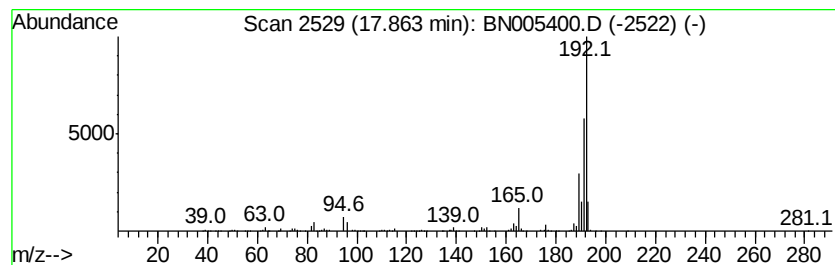
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.86	4.30 ng/ul	1231150	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005400.D
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Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

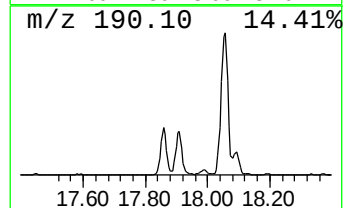
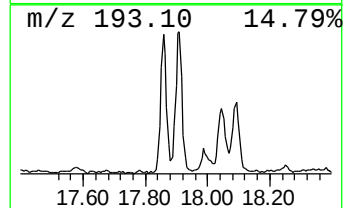
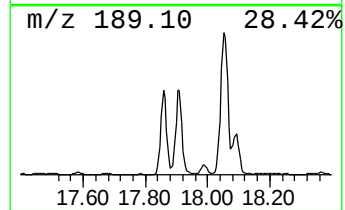
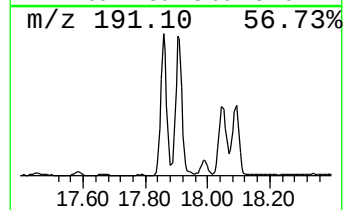
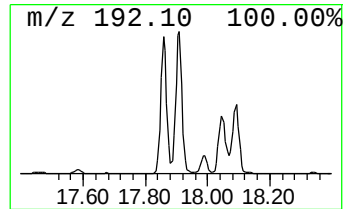
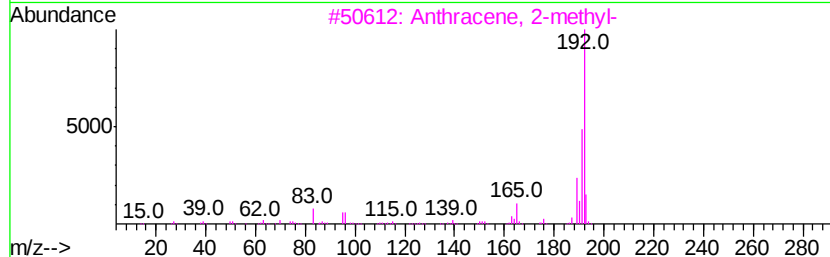
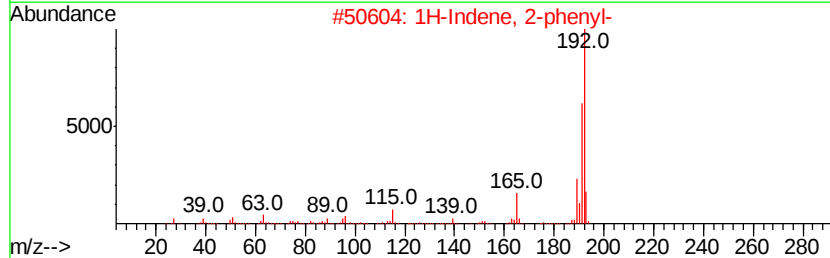
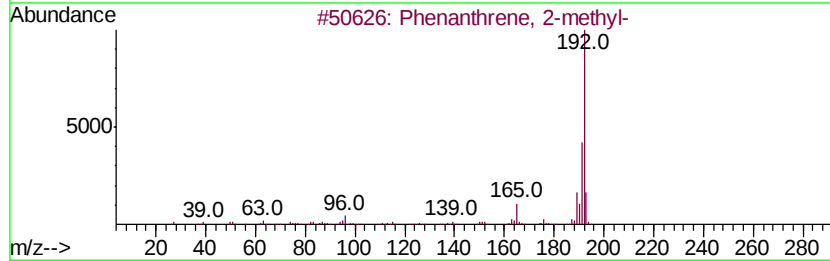
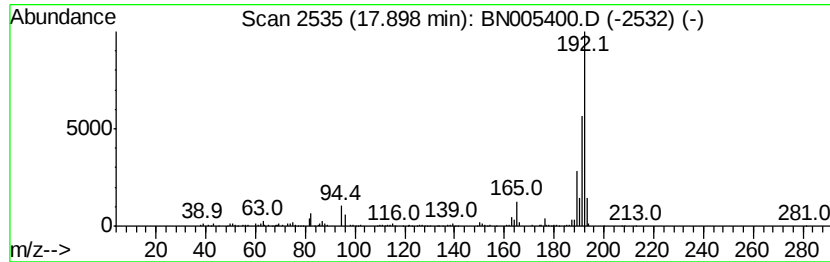
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.90	4.73 ng/ul	1352710	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
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Acq On : 01 May 2019 08:21
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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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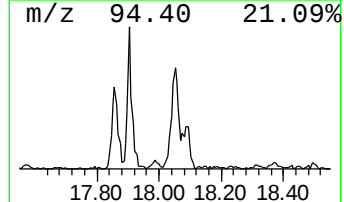
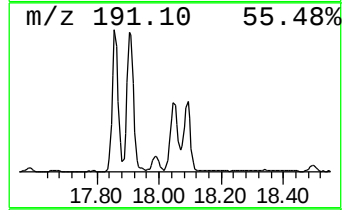
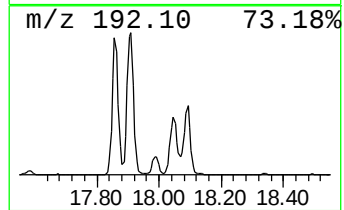
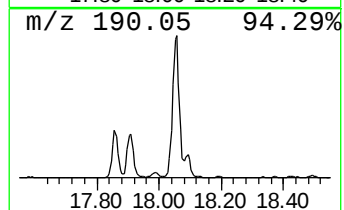
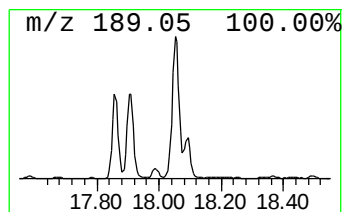
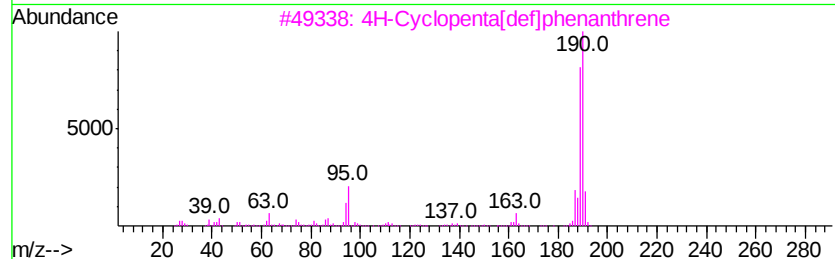
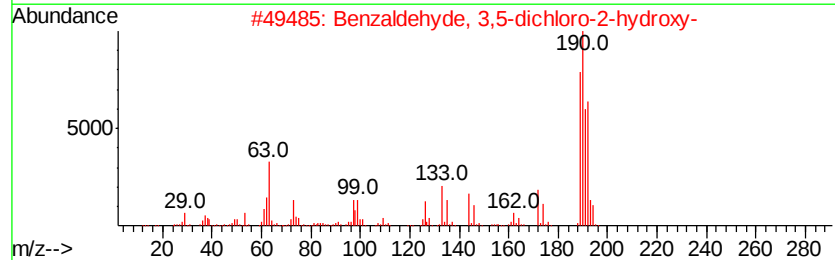
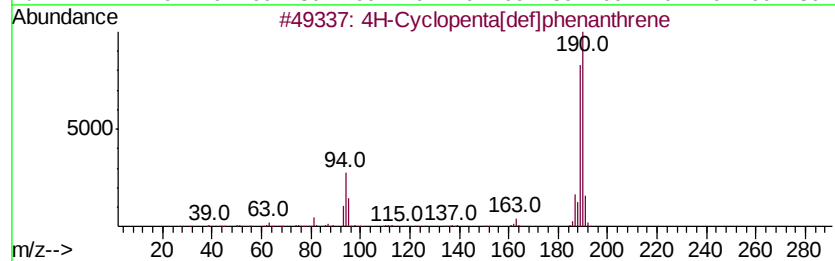
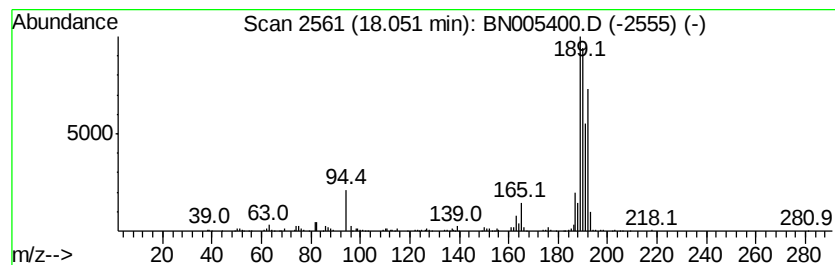
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	4.30 ng/ul	1230540	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	53
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4		8,9-Dihydrocyclopenta[def]phenan...	192	C15H12	027410-55-5	38
5		Benzene, 1,1'-(1,2-propadienyli...	192	C15H12	014251-57-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005400.D
Acq On : 01 May 2019 08:21
Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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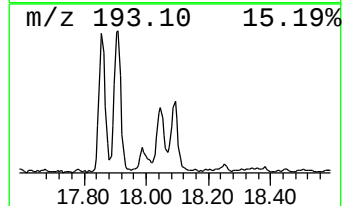
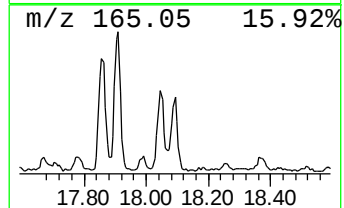
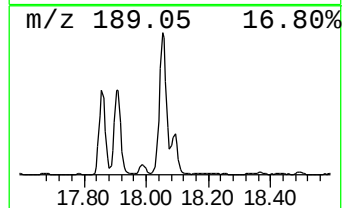
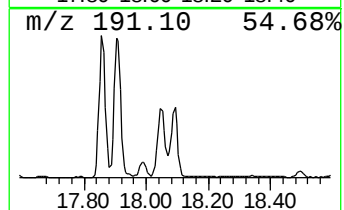
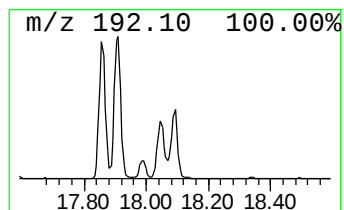
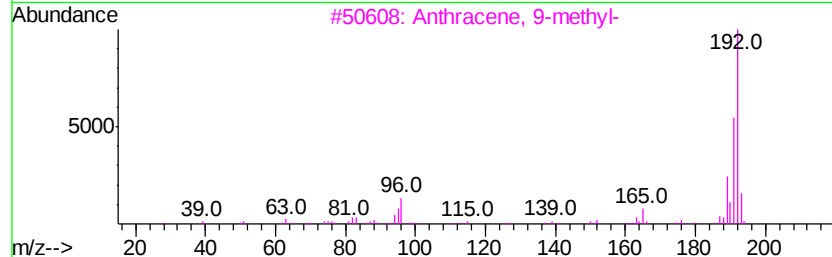
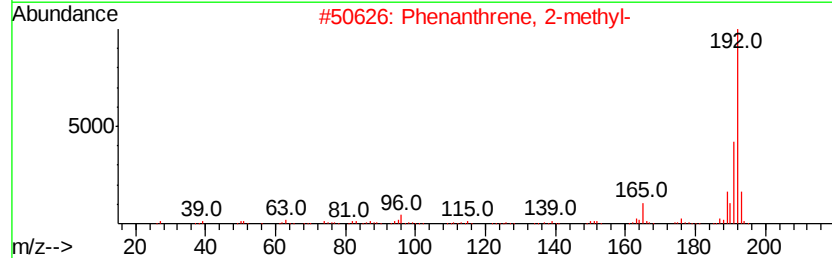
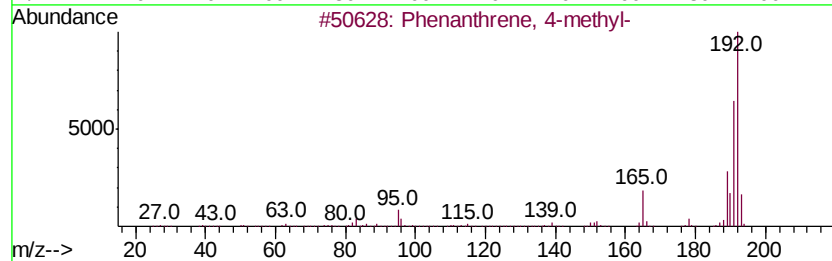
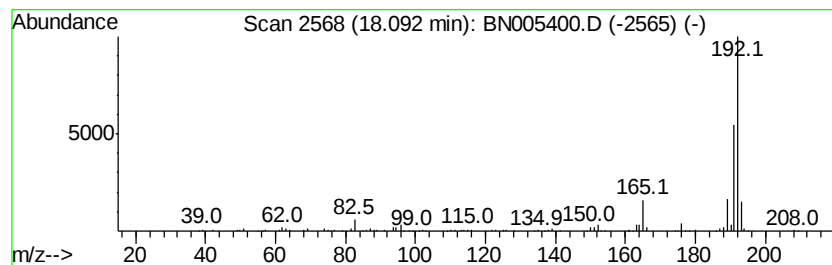
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	2.18 ng/ul	623647	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5			Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN043019\
Data File : BN005400.D
Acq On : 01 May 2019 08:21
Operator : JU/SJ
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ALS Vial : 33 Sample Multiplier: 1

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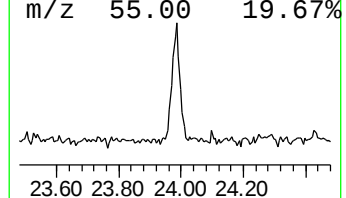
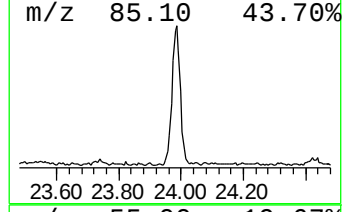
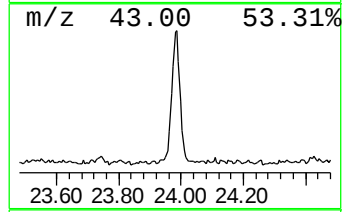
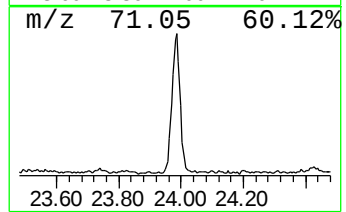
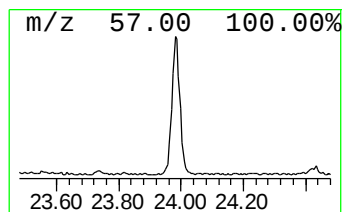
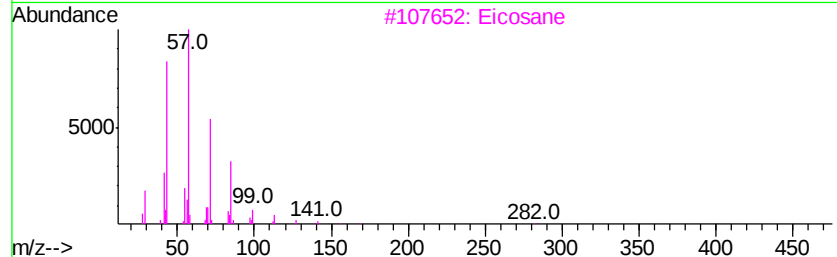
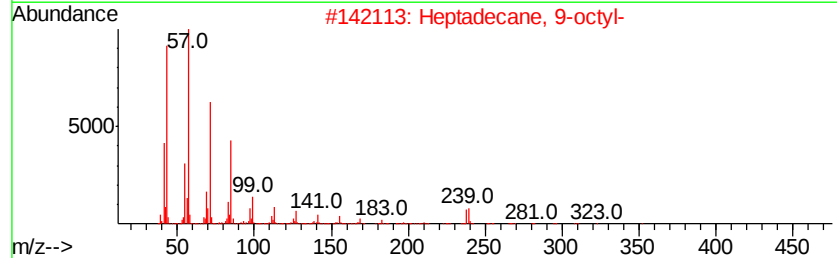
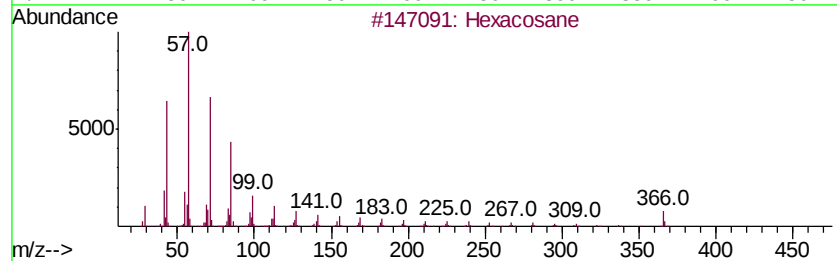
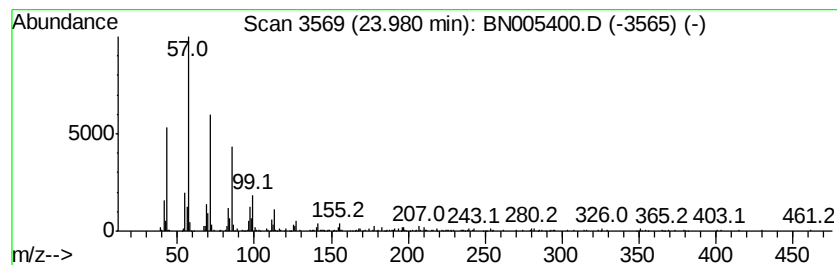
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.45 ng/ul	476296	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexacosane	366	C26H54	000630-01-3	93
2			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3			Eicosane	282	C20H42	000112-95-8	90
4			Hexatriacontane	507	C36H74	000630-06-8	90
5			Heneicosane	296	C21H44	000629-94-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
Data File : BN005400.D
Acq On : 01 May 2019 08:21
Operator : JU/SJ
Sample : K2455-05MEDL 30X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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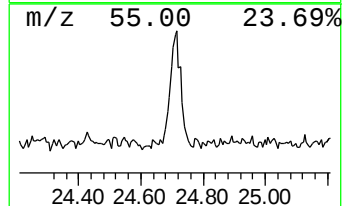
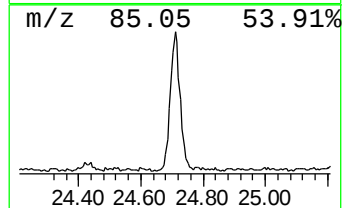
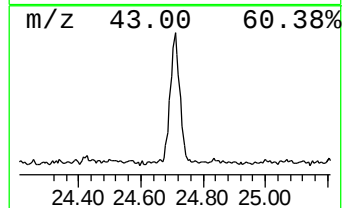
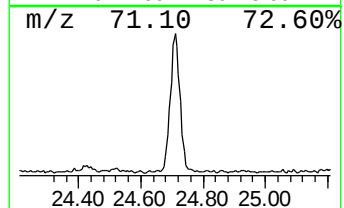
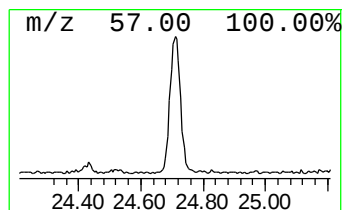
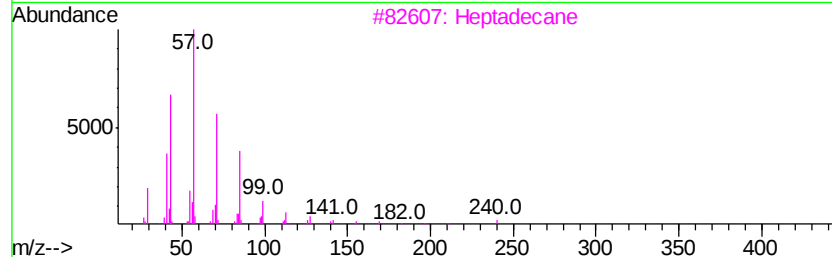
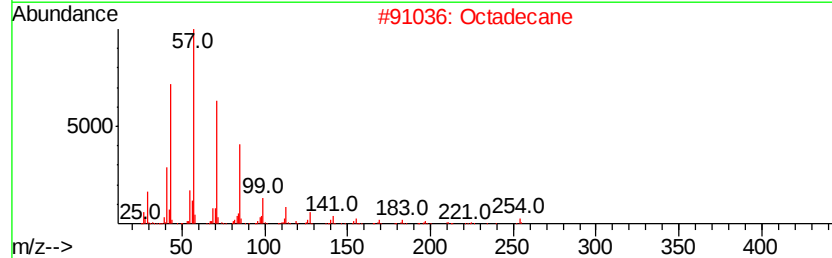
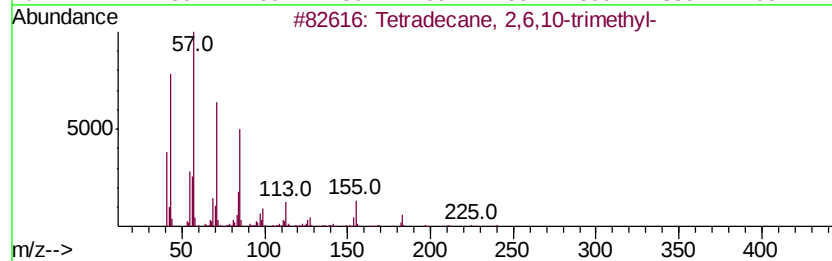
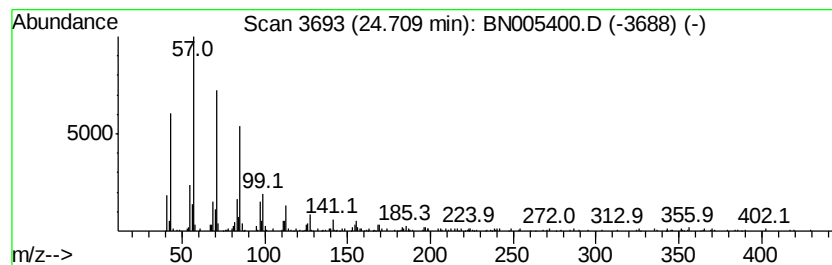
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.71	2.40 ng/ul	467495	Perylene-d12	23.42

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	91
2			Octadecane	254	C18H38	000593-45-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Heptadecane, 8-methyl-	254	C18H38	013287-23-5	90
5			Tetracosane	338	C24H50	000646-31-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN043019\
 Data File : BN005400.D
 Acq On : 01 May 2019 08:21
 Operator : JU/SJ
 Sample : K2455-05MEDL 30X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ7MEDL

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
unknown-01	7.25	7.3	ng/ul	857582	1	7.59	2344430	20.0
Indene	8.12	6.6	ng/ul	769056	1	7.59	2344430	20.0
1H-Indene, 1-methyl-	9.79	2.9	ng/ul	530343	2	10.35	3663180	20.0
2-Methylindene	9.86	2.3	ng/ul	424736	2	10.35	3663180	20.0
Naphthalene, 1-me...	12.25	33.4	ng/ul	6125340	2	10.35	3663180	20.0
Naphthalene, 2-et...	13.25	3.4	ng/ul	880371	3	14.23	5208180	20.0
Naphthalene, 2,6-...	13.39	7.6	ng/ul	1980040	3	14.23	5208180	20.0
Naphthalene, 1,6-...	13.55	10.9	ng/ul	2851560	3	14.23	5208180	20.0
Naphthalene, 1,3-...	13.78	4.4	ng/ul	1137340	3	14.23	5208180	20.0
1,1'-Biphenyl, 3-...	14.84	2.5	ng/ul	642931	3	14.23	5208180	20.0
9H-Fluorene, 1-me...	16.29	2.5	ng/ul	716188	4	16.98	5725060	20.0
Phenanthrene, 1-m...	17.86	4.3	ng/ul	1231150	4	16.98	5725060	20.0
Phenanthrene, 2-m...	17.90	4.7	ng/ul	1352710	4	16.98	5725060	20.0
4H-Cyclopenta[def...	18.05	4.3	ng/ul	1230540	4	16.98	5725060	20.0
Phenanthrene, 4-m...	18.09	2.2	ng/ul	623647	4	16.98	5725060	20.0
(DEL) Alkane: Str...	23.98	2.5	ng/ul	476296	6	23.42	3892660	20.0
(DEL) Alkane: Str...	24.71	2.4	ng/ul	467495	6	23.42	3892660	20.0