

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
 Data File : BN009704.D
 Acq On : 11 Feb 2020 13:34
 Operator : CG/JU
 Sample : L1324-16MEDL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71MEDL

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-BN020320MA.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	5.470	416	422	431	rBV3	46228	106949	2.08%	0.243%
2	6.634	614	620	623	rVV2	26263	45077	0.87%	0.102%
3	6.787	640	646	652	rBV	22651	44148	0.86%	0.100%
4	6.969	673	677	683	rBV	33520	51021	0.99%	0.116%
5	7.087	689	697	704	rBV2	115246	213446	4.14%	0.484%
6	7.175	707	712	717	rVB2	27899	42116	0.82%	0.096%
7	7.422	748	754	767	rBV	600158	938460	18.21%	2.130%
8	7.946	835	843	852	rBV	453007	709794	13.77%	1.611%
9	8.152	872	878	888	rBV2	31530	62604	1.21%	0.142%
10	8.575	946	950	959	rBV	31035	63428	1.23%	0.144%
11	8.681	965	968	977	rVB5	24115	43056	0.84%	0.098%
12	9.616	1119	1127	1133	rBV4	80821	195504	3.79%	0.444%
13	9.681	1133	1138	1143	rVV2	71877	139980	2.72%	0.318%
14	9.716	1143	1144	1153	rVB	36117	47409	0.92%	0.108%
15	9.834	1158	1164	1169	rBV5	30402	56612	1.10%	0.128%
16	10.175	1215	1222	1225	rBV	855068	1439093	27.92%	3.266%
17	10.222	1225	1230	1240	rVB	3206391	5153855	100.00%	11.696%
18	10.340	1245	1250	1261	rVB3	62176	120827	2.34%	0.274%
19	11.593	1457	1463	1467	rVV7	24858	55636	1.08%	0.126%
20	11.634	1467	1470	1477	rVV3	27210	47705	0.93%	0.108%
21	11.846	1497	1506	1518	rBV	1322364	2102826	40.80%	4.772%
22	12.069	1532	1544	1556	rBV	833664	1341976	26.04%	3.045%
23	12.887	1678	1683	1697	rVB2	131078	229289	4.45%	0.520%
24	13.087	1712	1717	1729	rVB2	41923	99099	1.92%	0.225%
25	13.222	1734	1740	1741	rBV	161617	234967	4.56%	0.533%
26	13.240	1741	1743	1749	rVV	170274	206529	4.01%	0.469%
27	13.381	1759	1767	1772	rBV	323108	556701	10.80%	1.263%
28	13.434	1772	1776	1782	rVV	194102	291614	5.66%	0.662%
29	13.516	1782	1790	1797	rVV2	183329	413078	8.01%	0.937%
30	13.622	1802	1808	1811	rVV	139496	226073	4.39%	0.513%
31	13.651	1811	1813	1819	rVB2	45323	52584	1.02%	0.119%
32	13.781	1824	1835	1847	rBV	768254	1328545	25.78%	3.015%
33	13.998	1866	1872	1877	rBV	33515	45141	0.88%	0.102%
34	14.063	1877	1883	1890	rVV	1321967	1981077	38.44%	4.496%

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35	14.128	1890	1894	1898	rVV	81369	116757	2.27%	0.265%
36	14.475	1944	1953	1961	rBV2	107516	205197	3.98%	0.466%
37	14.557	1961	1967	1971	rBV	65449	93115	1.81%	0.211%
38	14.687	1982	1989	1994	rBV3	83632	174040	3.38%	0.395%
39	14.751	1997	2000	2003	rVB2	45566	51243	0.99%	0.116%
40	14.945	2028	2033	2041	rVB3	103183	177930	3.45%	0.404%
41	15.028	2041	2047	2049	rBV3	25310	46686	0.91%	0.106%
42	15.069	2049	2054	2058	rVB	219641	308246	5.98%	0.700%
43	15.122	2058	2063	2076	rVB	603097	917044	17.79%	2.081%
44	15.251	2076	2085	2088	rBV4	44033	101097	1.96%	0.229%
45	15.328	2094	2098	2103	rBV2	30840	59888	1.16%	0.136%
46	15.428	2109	2115	2118	rBV3	53569	89424	1.74%	0.203%
47	15.463	2118	2121	2128	rVB2	35472	56041	1.09%	0.127%
48	15.540	2128	2134	2138	rBV	127171	191877	3.72%	0.435%
49	15.575	2138	2140	2148	rVB3	34578	62694	1.22%	0.142%
50	15.822	2175	2182	2185	rBV4	42744	71378	1.38%	0.162%
51	16.134	2228	2235	2240	rBV2	104754	221082	4.29%	0.502%
52	16.181	2240	2243	2248	rVB	77223	105241	2.04%	0.239%
53	16.281	2255	2260	2267	rBV	68757	99407	1.93%	0.226%
54	16.492	2292	2296	2302	rVB4	41236	64415	1.25%	0.146%
55	16.640	2313	2321	2326	rBV	168935	271205	5.26%	0.615%
56	16.822	2346	2352	2355	rBV	1600126	2191622	42.52%	4.974%
57	16.863	2355	2359	2364	rVV	2169672	2872530	55.74%	6.519%
58	16.916	2364	2368	2371	rVV2	148177	229244	4.45%	0.520%
59	16.951	2371	2374	2382	rVV	452717	653115	12.67%	1.482%
60	17.022	2382	2386	2392	rVV4	39865	81169	1.57%	0.184%
61	17.239	2419	2423	2427	rVV6	23685	41408	0.80%	0.094%
62	17.351	2435	2442	2446	rVV2	64738	108983	2.11%	0.247%
63	17.404	2446	2451	2460	rVV2	98257	162115	3.15%	0.368%
64	17.545	2468	2475	2482	rVB3	52301	106716	2.07%	0.242%
65	17.698	2495	2501	2505	rVV	351410	506299	9.82%	1.149%
66	17.745	2505	2509	2517	rVV	410719	529619	10.28%	1.202%
67	17.828	2518	2523	2528	rVV2	125085	184590	3.58%	0.419%
68	17.887	2528	2533	2537	rVV2	502877	829704	16.10%	1.883%
69	17.928	2537	2540	2547	rVV	247498	336323	6.53%	0.763%
70	18.204	2573	2587	2592	rBV	183466	291689	5.66%	0.662%
71	18.510	2635	2639	2642	rBV	44332	52895	1.03%	0.120%

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72	18.545	2642	2645	2651	rVB4	33656	43730	0.85%	0.099%
73	18.628	2654	2659	2664	rBV	158929	259312	5.03%	0.588%
74	18.692	2664	2670	2673	rBV4	93546	152987	2.97%	0.347%
75	18.722	2673	2675	2679	rVB2	60776	72428	1.41%	0.164%
76	18.769	2679	2683	2685	rBV2	40180	60305	1.17%	0.137%
77	18.892	2698	2704	2710	rBV	811066	1081141	20.98%	2.454%
78	18.969	2713	2717	2720	rVV3	28765	41937	0.81%	0.095%
79	19.045	2726	2730	2735	rVB	223524	277534	5.38%	0.630%
80	19.257	2756	2766	2771	rBV2	1071313	1702260	33.03%	3.863%
81	19.345	2777	2781	2786	rVB4	35046	54866	1.06%	0.125%
82	19.592	2818	2823	2831	rBV3	85265	185591	3.60%	0.421%
83	19.733	2841	2847	2848	rBV2	87827	130138	2.53%	0.295%
84	19.763	2849	2852	2857	rVB	219689	284175	5.51%	0.645%
85	19.863	2865	2869	2875	rBV	193547	238212	4.62%	0.541%
86	19.922	2875	2879	2884	rBV	128846	164177	3.19%	0.373%
87	20.063	2899	2903	2907	rVV	94272	127495	2.47%	0.289%
88	20.110	2907	2911	2917	rVB	128130	194973	3.78%	0.442%
89	20.680	3005	3008	3011	rBV	56848	60911	1.18%	0.138%
90	20.722	3011	3015	3018	rBV2	80686	91022	1.77%	0.207%
91	21.033	3061	3068	3072	rBV2	2111107	3072944	59.62%	6.974%
92	21.069	3072	3074	3084	rVB	334408	483177	9.38%	1.097%
93	21.575	3158	3160	3166	rVB2	88342	106749	2.07%	0.242%
94	21.792	3195	3197	3201	rVB3	80154	91079	1.77%	0.207%
95	22.080	3243	3246	3253	rVB2	87966	125562	2.44%	0.285%
96	22.545	3319	3325	3333	rVB3	204631	531410	10.31%	1.206%
97	22.969	3394	3397	3401	rBV	92467	122553	2.38%	0.278%
98	23.016	3402	3405	3408	rVV	98346	146427	2.84%	0.332%
99	23.063	3409	3413	3419	rVB2	253196	479602	9.31%	1.088%
100	23.151	3421	3428	3443	rVB	1268366	2333315	45.27%	5.295%

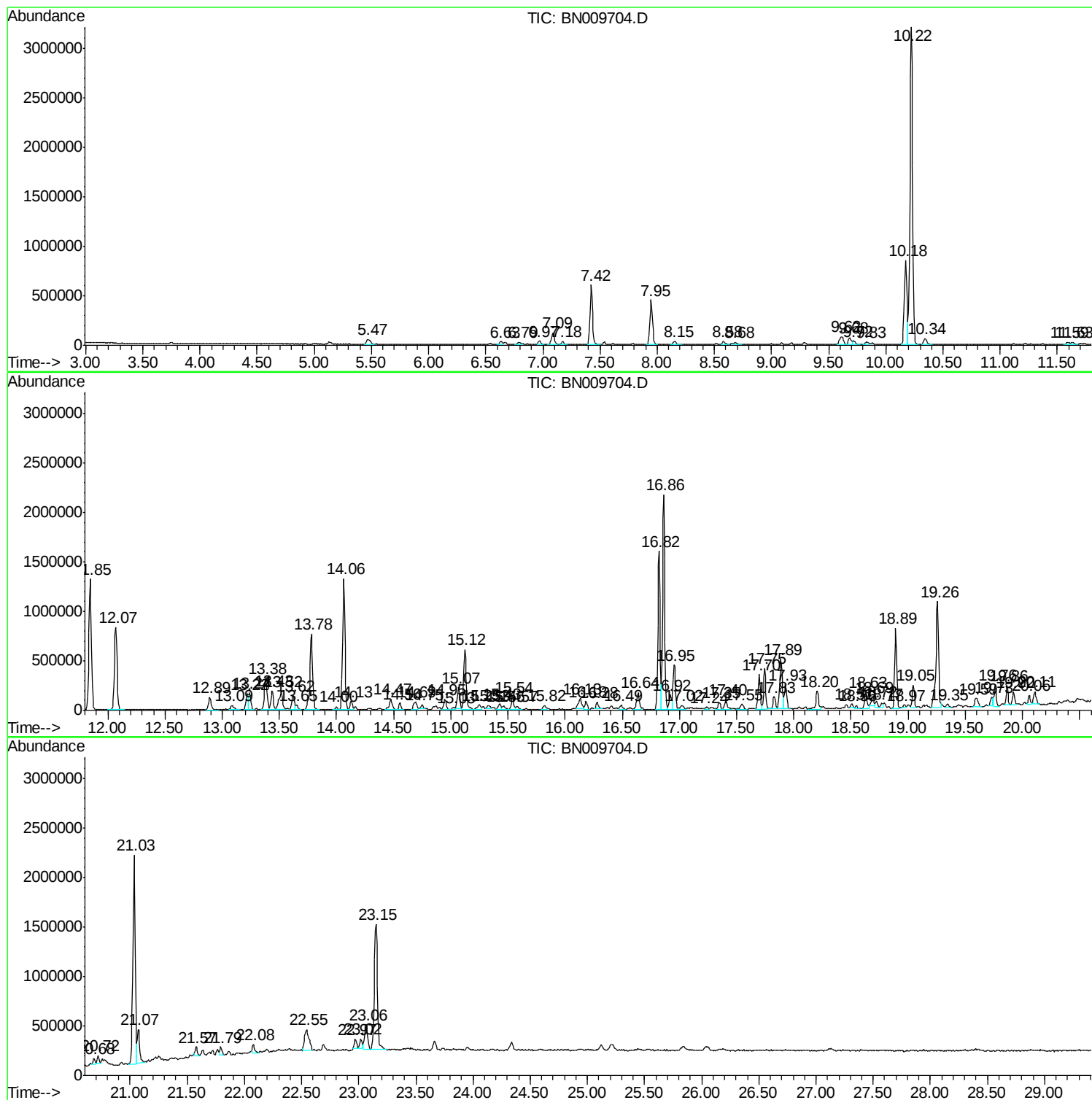
Sum of corrected areas: 44064259

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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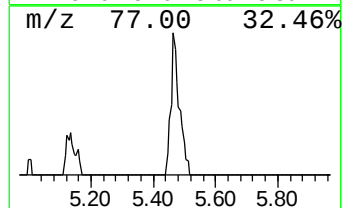
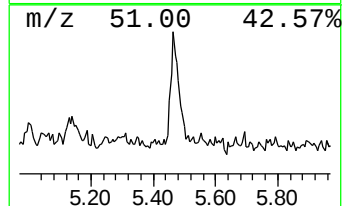
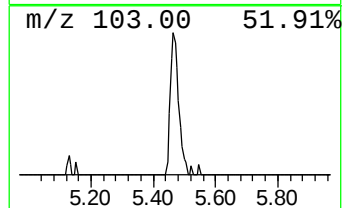
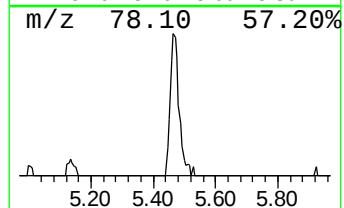
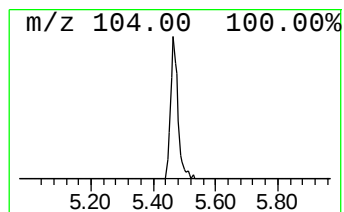
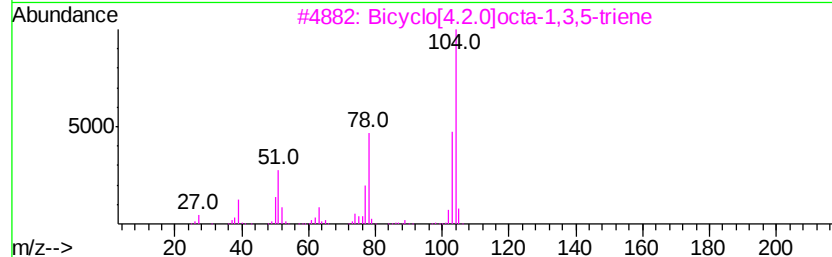
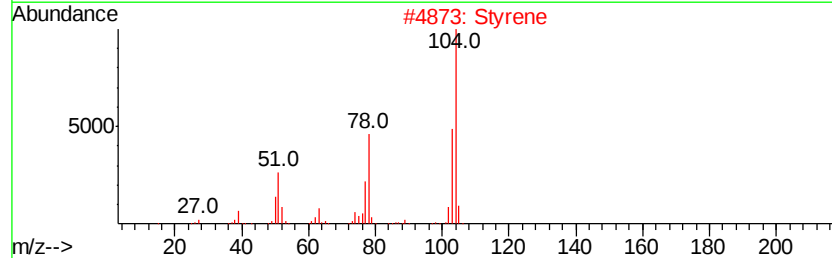
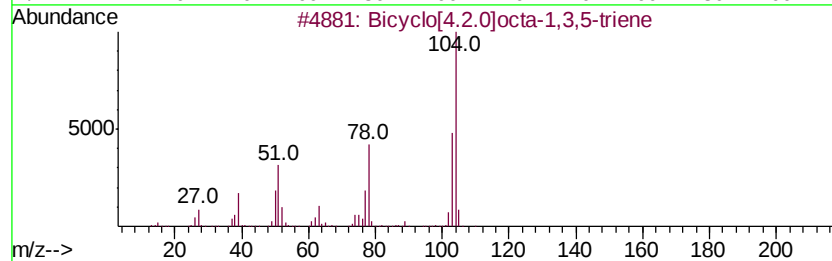
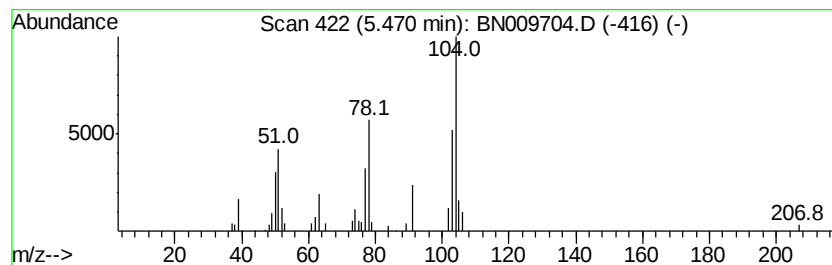
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.47	2.28 ng/ul	106949	1,4-Dichlorobenzene-d4	7.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	91
2		Styrene	104	C8H8	000100-42-5	87
3		Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	87
4		1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	80
5		Styrene	104	C8H8	000100-42-5	80



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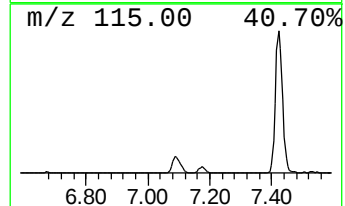
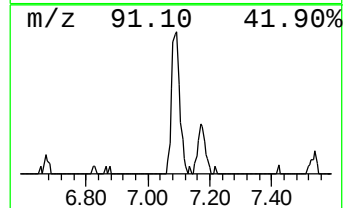
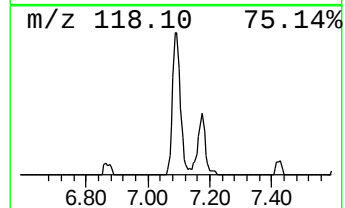
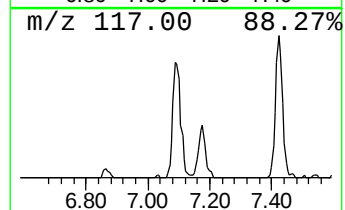
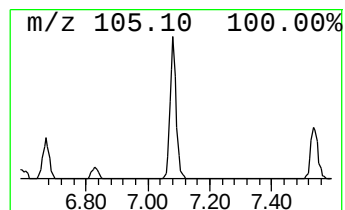
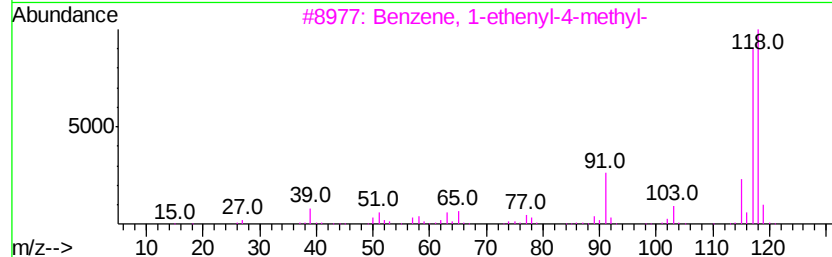
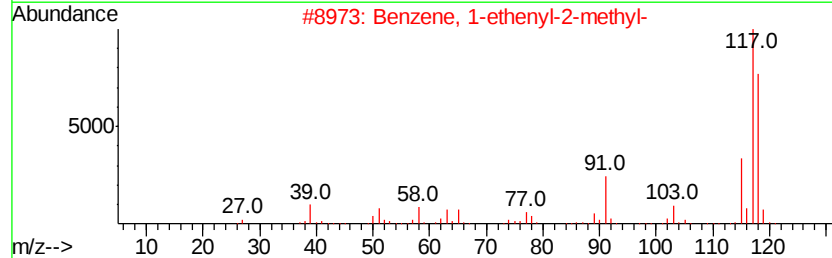
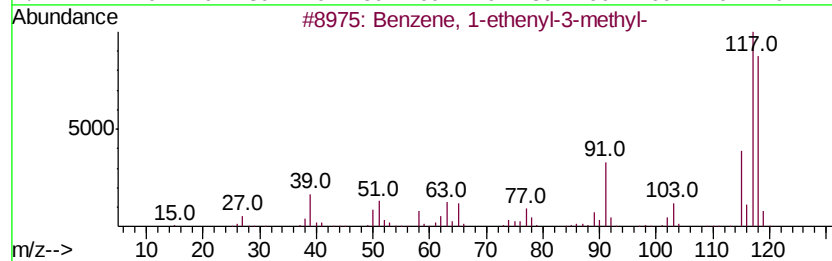
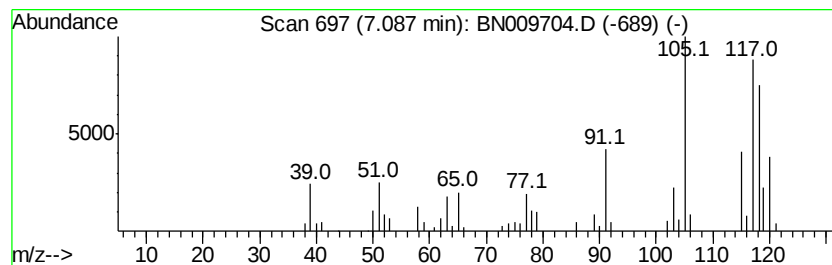
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.		
7.09	4.55 ng/ul	213446	1,4-Dichlorobenzene-d4	7.42		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	90	
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60	
3	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	55	
4	Benzene, 2-propenyl-	118	C9H10	000300-57-2	55	
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	55	



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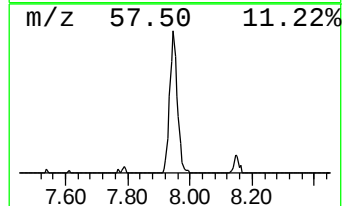
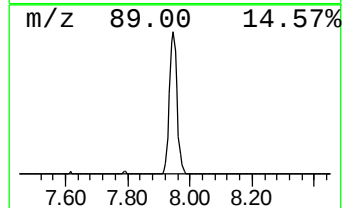
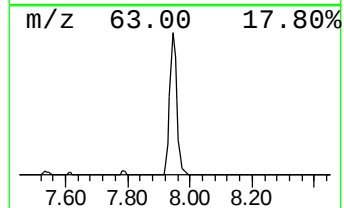
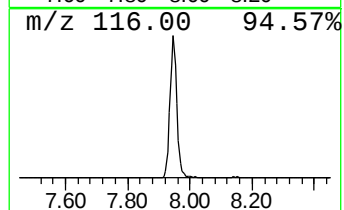
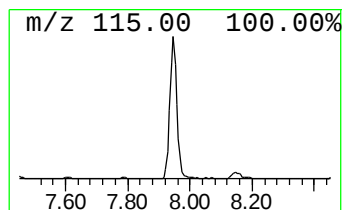
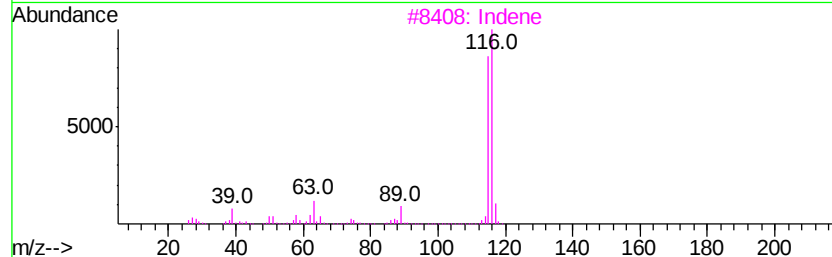
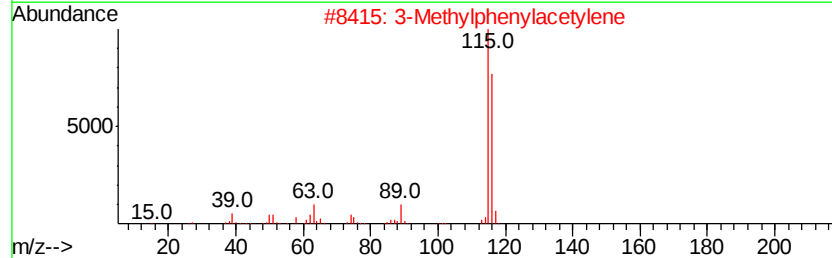
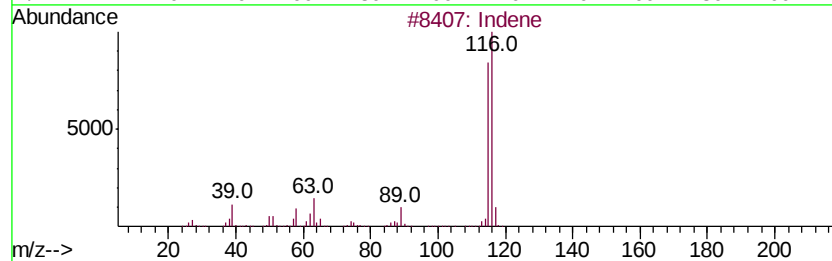
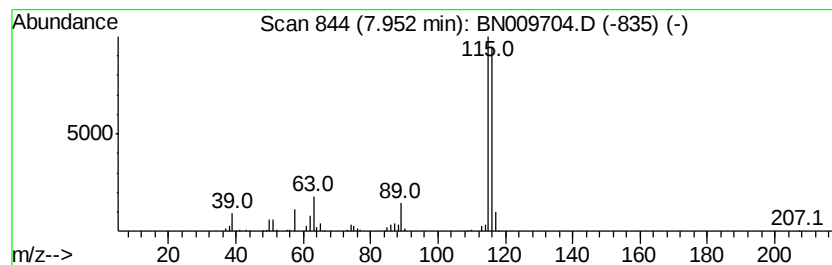
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.95	15.13 ng/ul	709794	1,4-Dichlorobenzene-d4	7.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene		116	C9H8	000095-13-6	95
2	3-Methylphenylacetylene		116	C9H8	000766-82-5	94
3	Indene		116	C9H8	000095-13-6	93
4	Benzene, 1-propynyl-		116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-		116	C9H8	000673-32-5	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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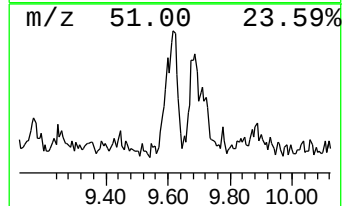
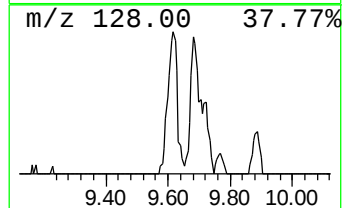
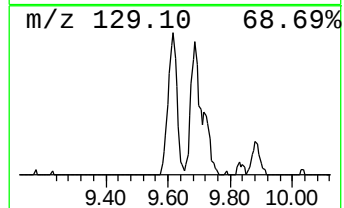
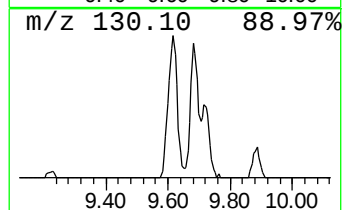
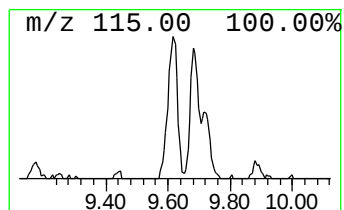
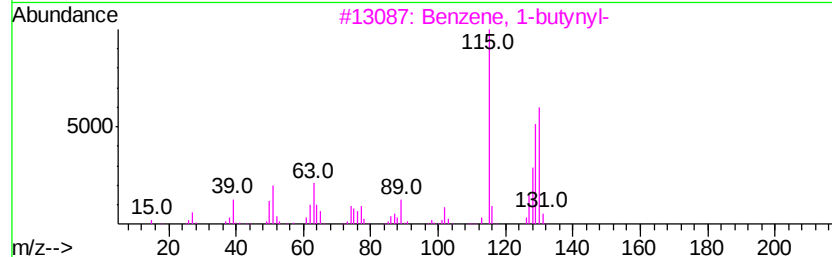
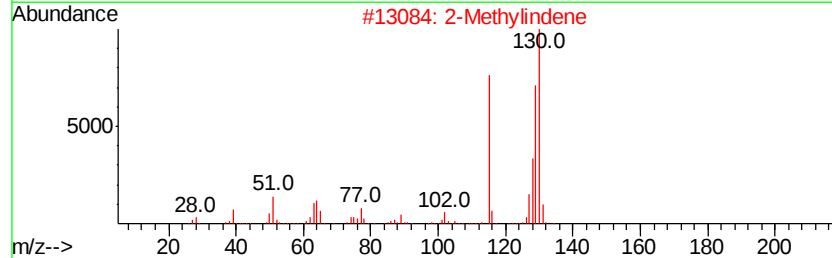
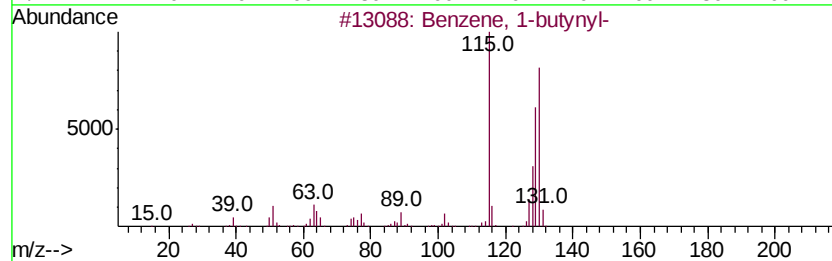
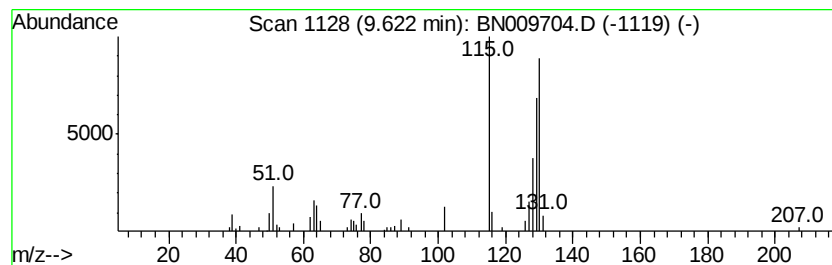
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzene, 1-butyryl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.62	2.72 ng/ul	195504	Naphthalene-d8	10.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-butyryl-	130	C10H10	000622-76-4	95
2		2-Methylindene	130	C10H10	002177-47-1	94
3		Benzene, 1-butyryl-	130	C10H10	000622-76-4	93
4		Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	93
5		1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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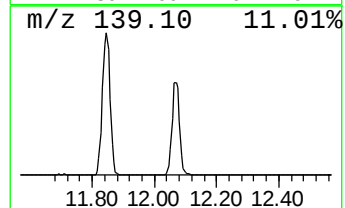
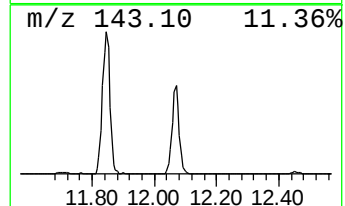
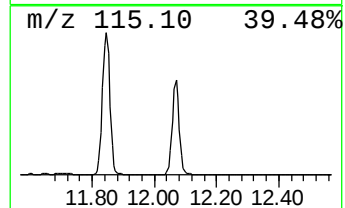
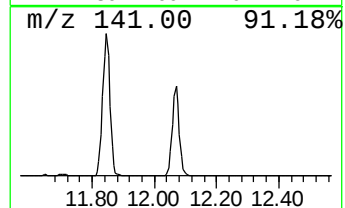
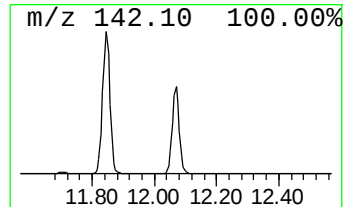
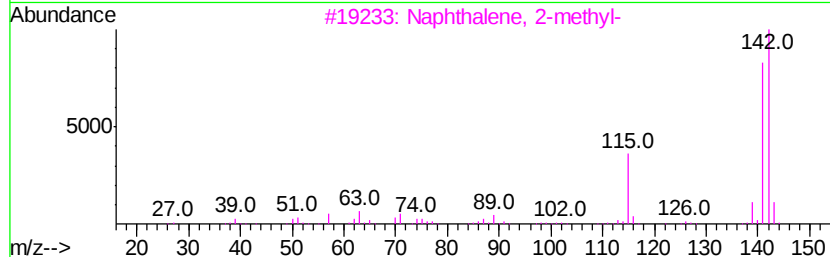
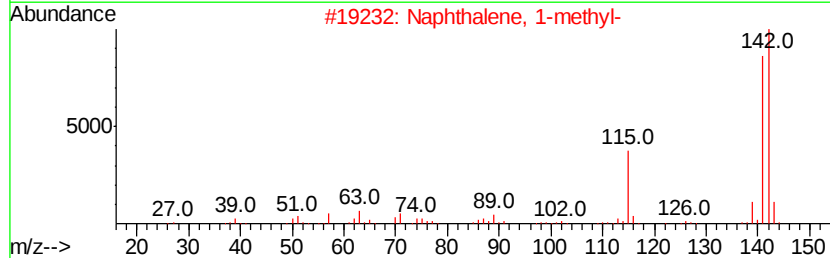
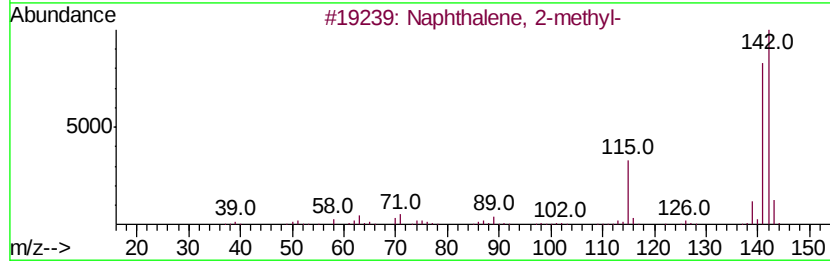
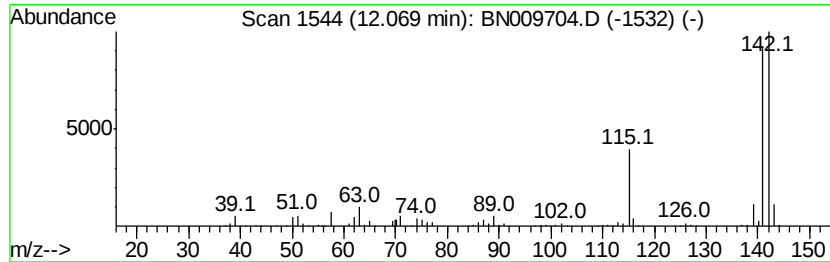
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	18.65 ng/ul	1341980	Naphthalene-d8	10.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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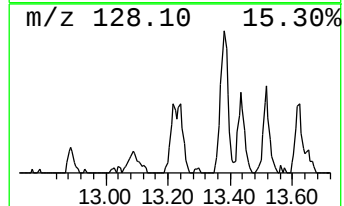
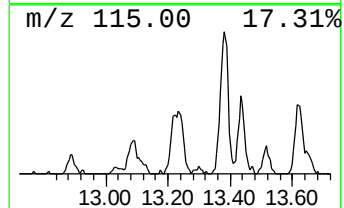
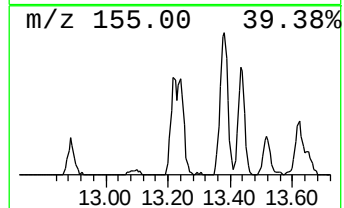
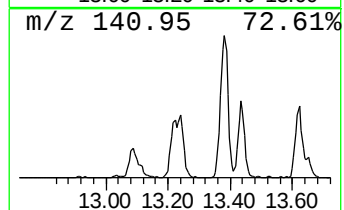
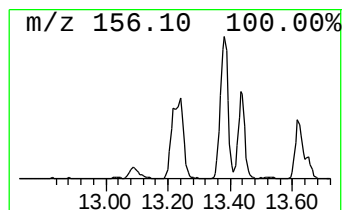
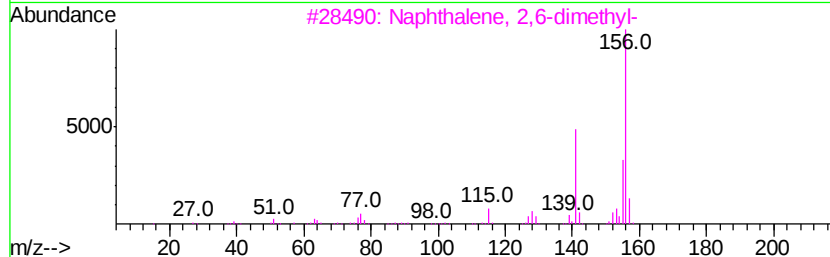
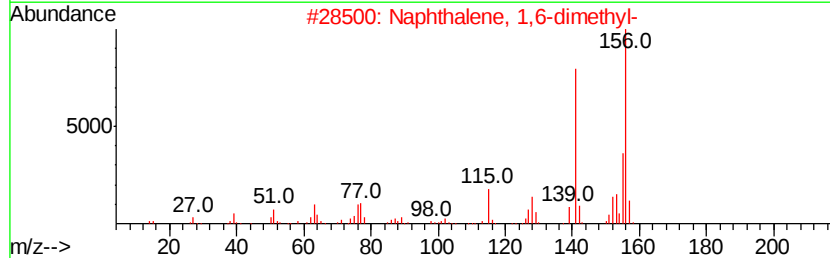
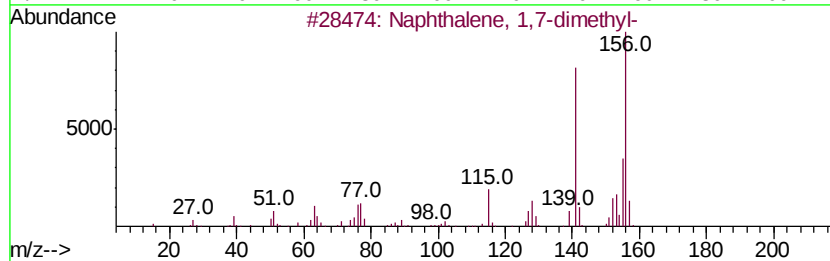
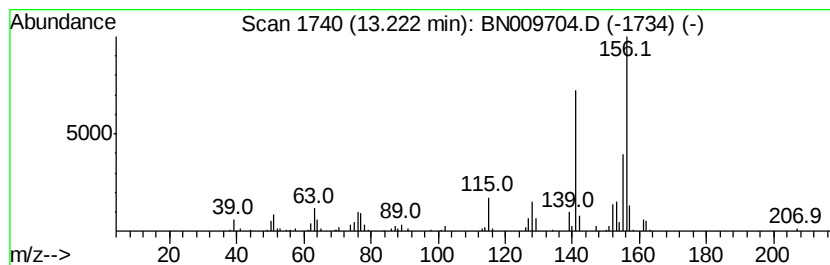
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	2.37 ng/ul	234967	Acenaphthene-d10	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
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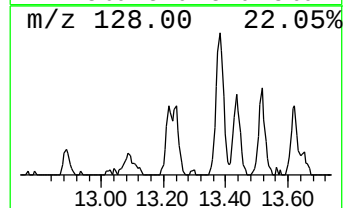
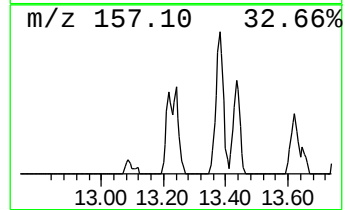
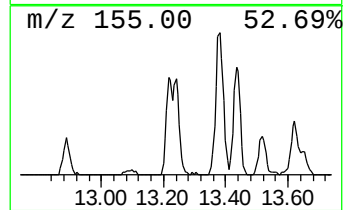
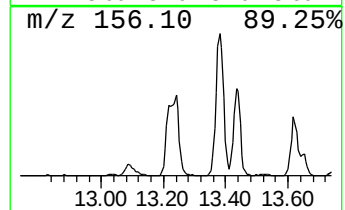
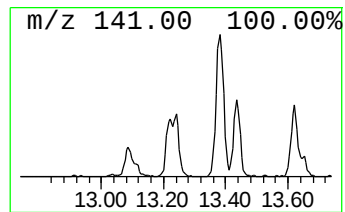
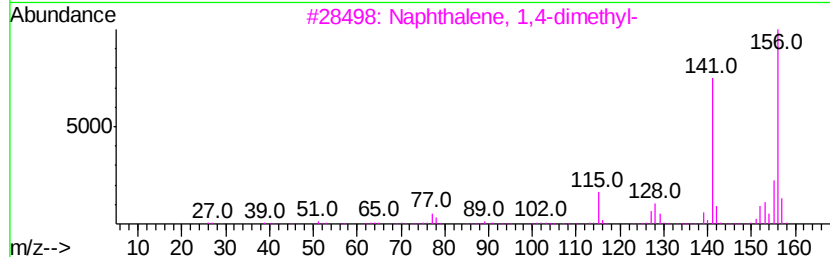
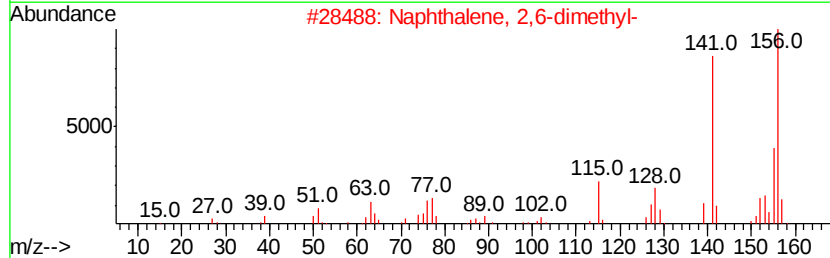
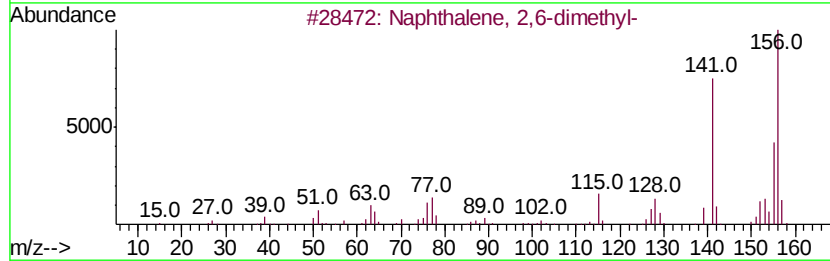
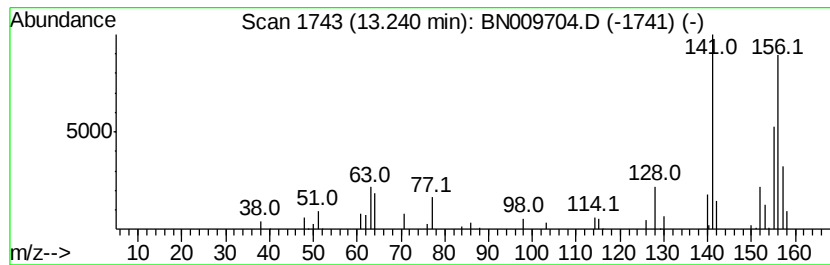
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	2.09 ng/ul	206529	Acenaphthene-d10	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 64
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 59
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 53
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 50
5		4-(Methylthio)thiophenol	156 C7H8S2	001122-97-0 50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
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Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
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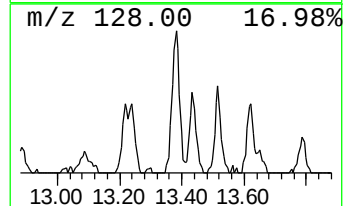
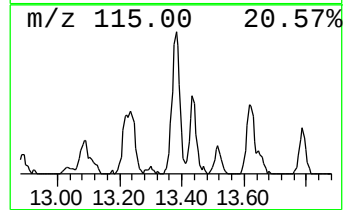
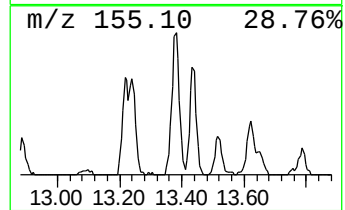
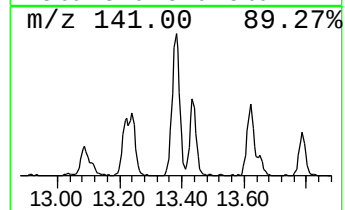
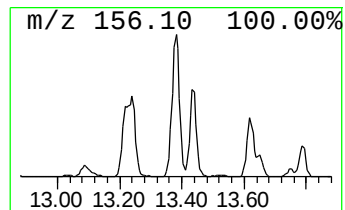
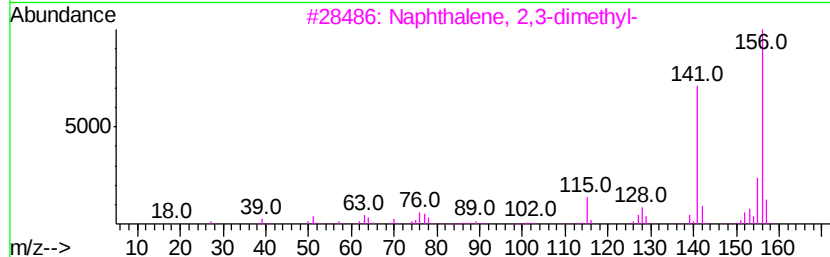
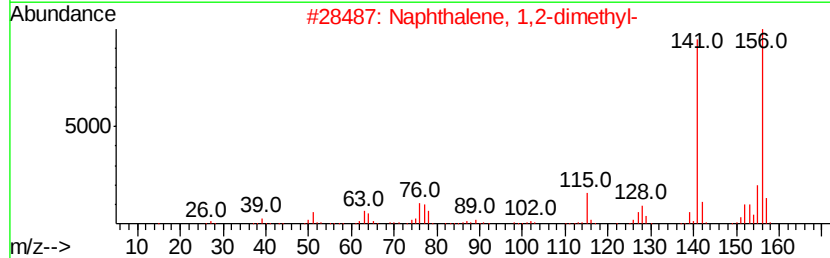
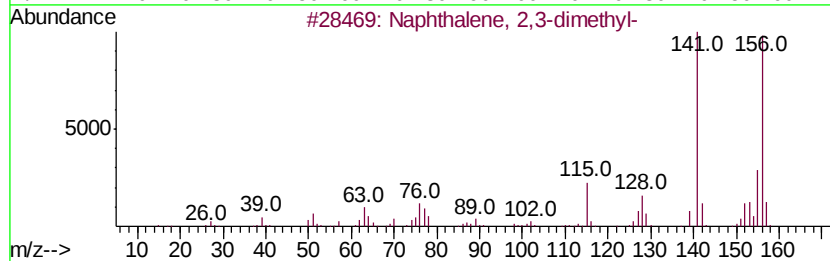
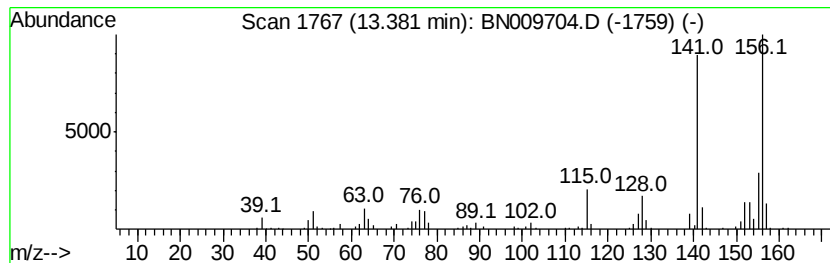
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	5.62 ng/ul	556701	Acenaphthene-d10	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
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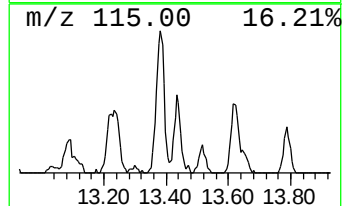
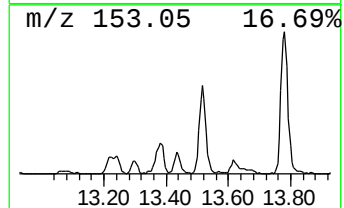
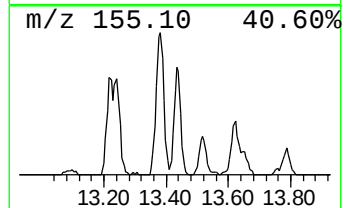
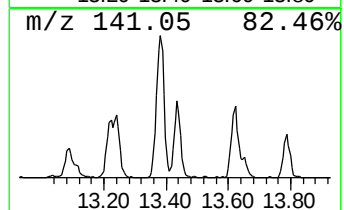
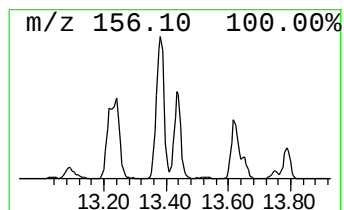
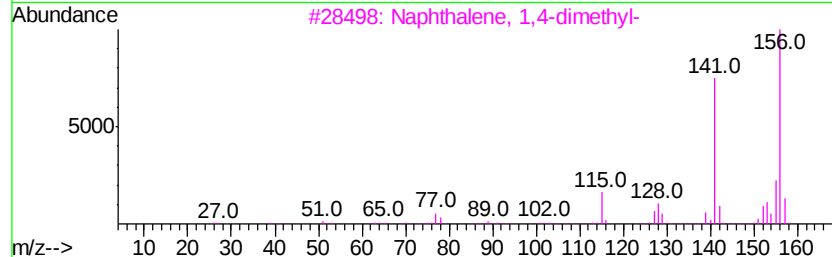
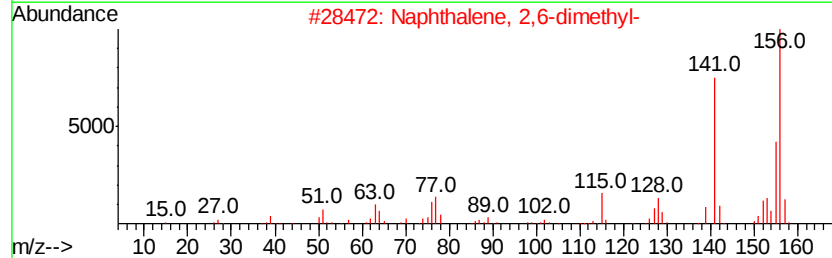
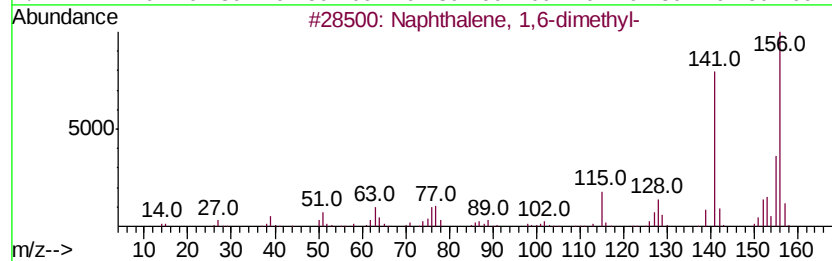
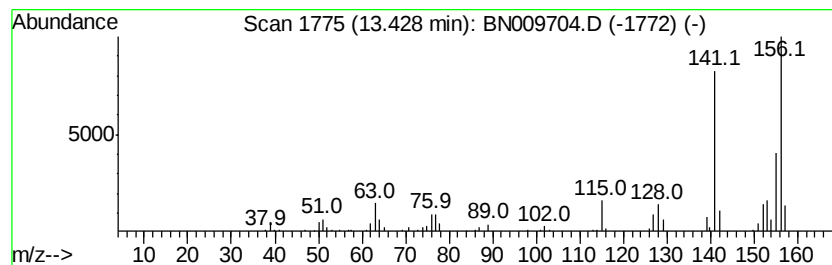
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	2.94 ng/ul	291614	Acenaphthene-d10	14.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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ClientSampleId :
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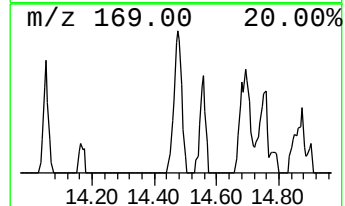
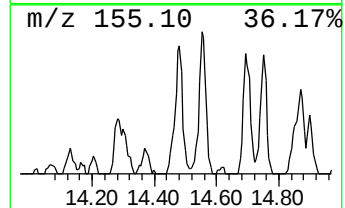
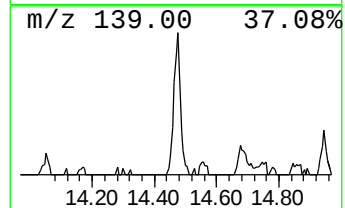
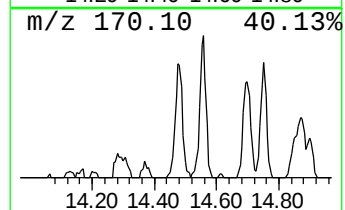
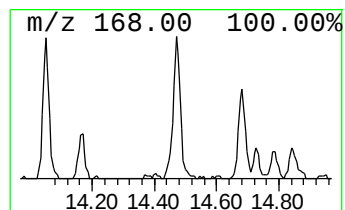
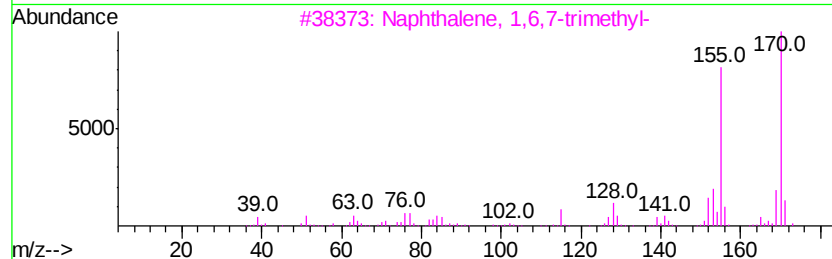
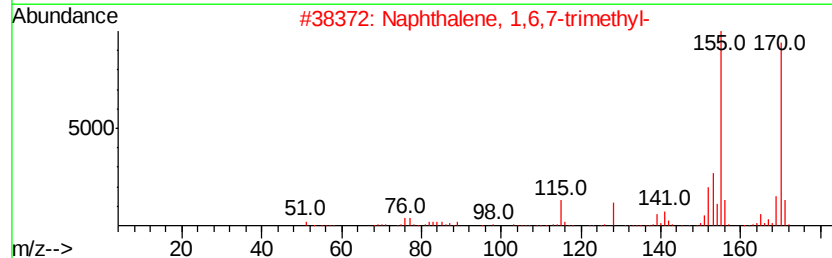
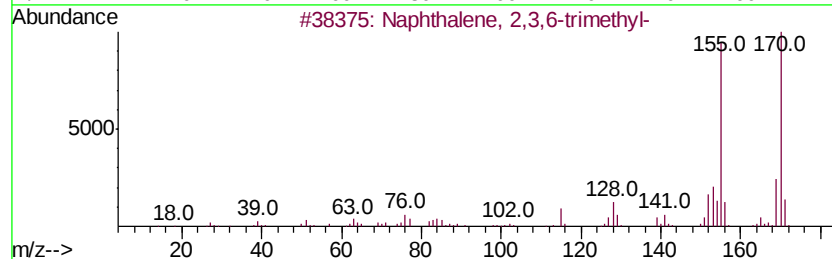
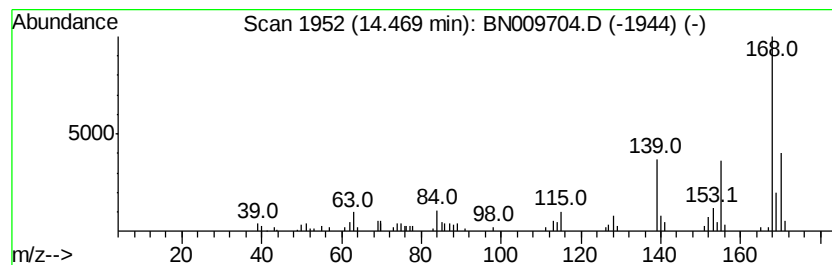
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	2.07 ng/ul	205197	Acenaphthene-d10	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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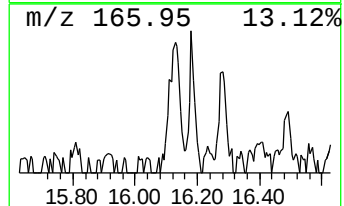
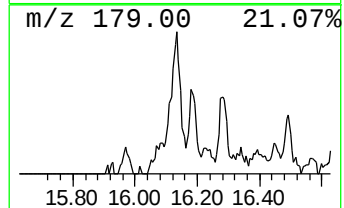
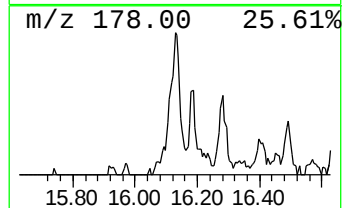
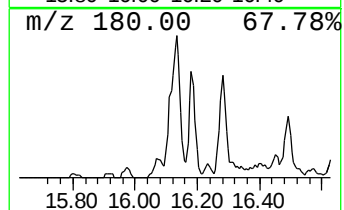
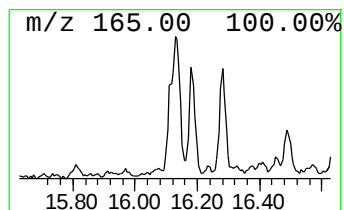
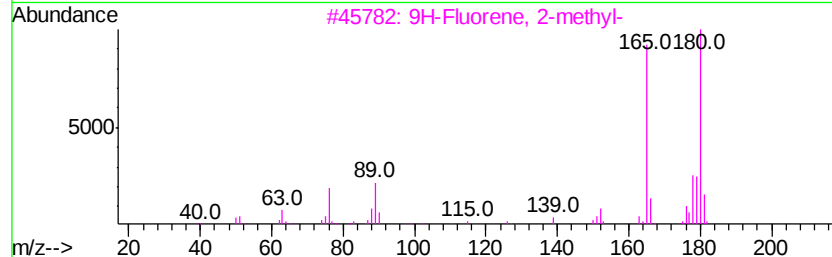
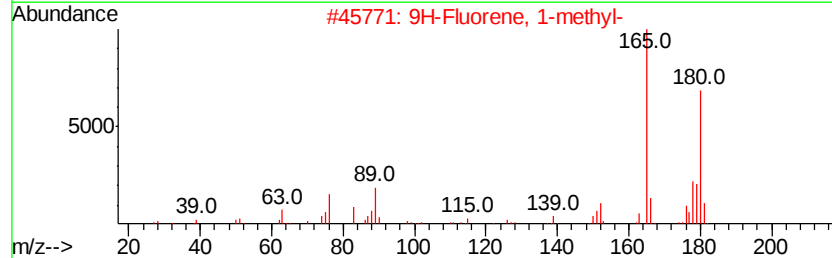
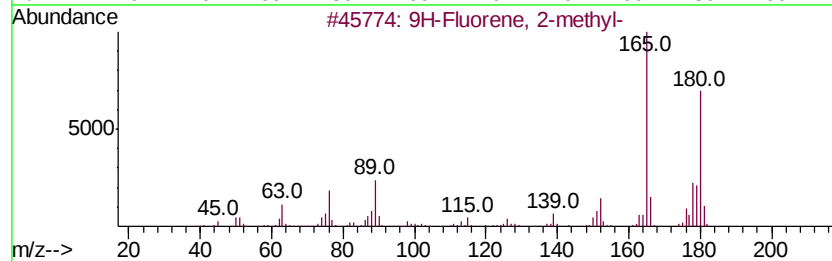
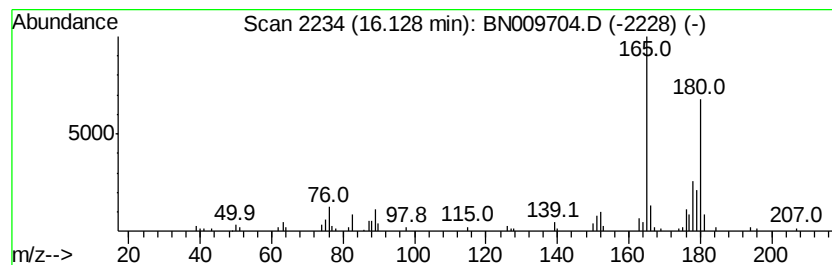
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.02 ng/ul	221082	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
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Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

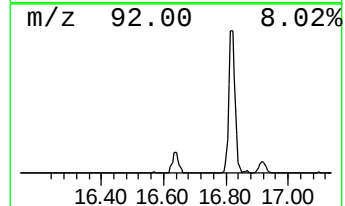
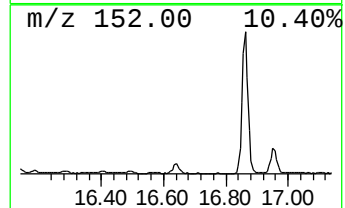
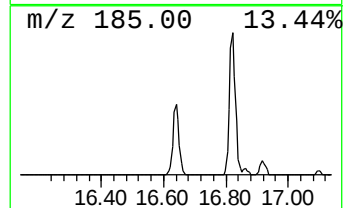
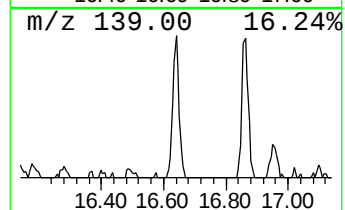
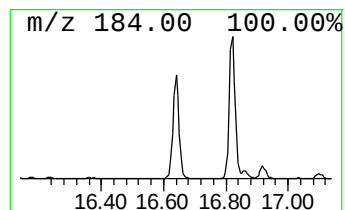
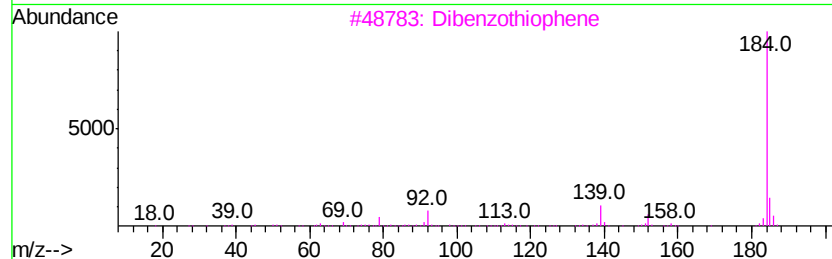
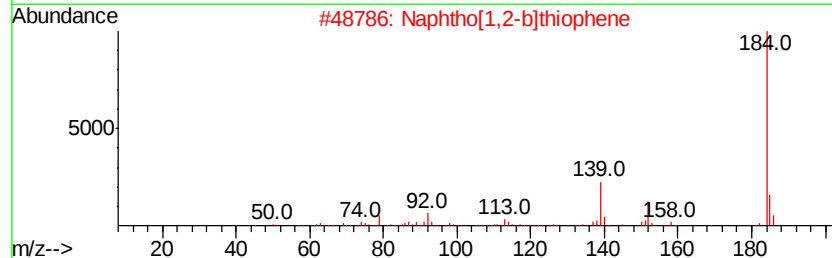
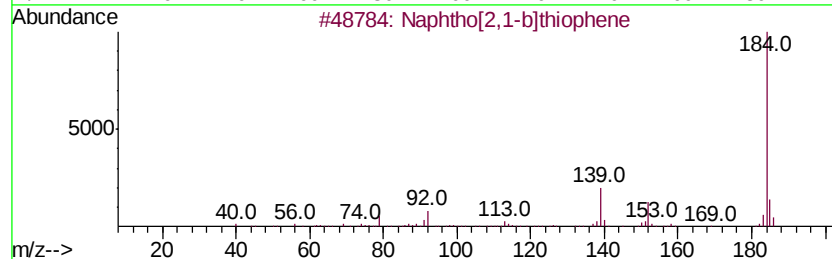
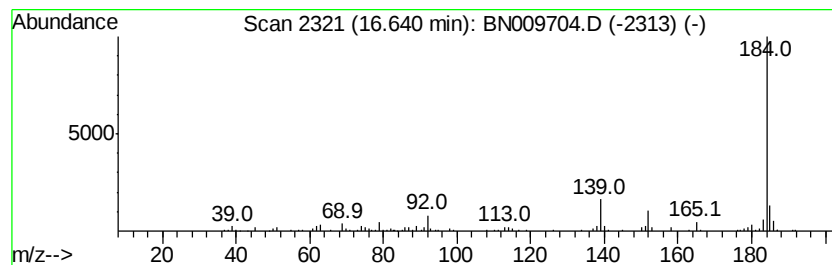
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphtho[2,1-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.47 ng/ul	271205	Phenanthrene-d10	16.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphtho[2,1-b]thiophene	184 C12H8S	000233-02-3 96
2		Naphtho[1,2-b]thiophene	184 C12H8S	000234-41-3 94
3		Dibenzothiophene	184 C12H8S	000132-65-0 93
4		Dibenzothiophene	184 C12H8S	000132-65-0 93
5		Naphtho[2,3-b]thiophene	184 C12H8S	000268-77-9 93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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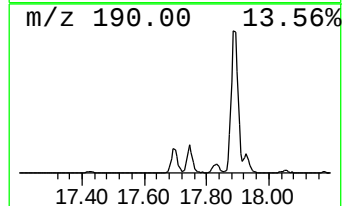
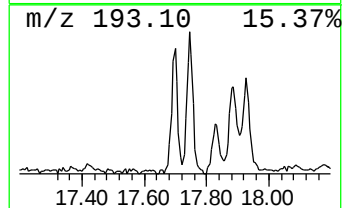
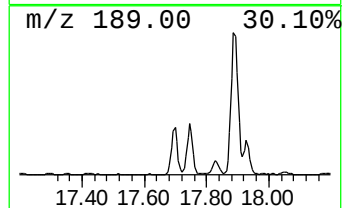
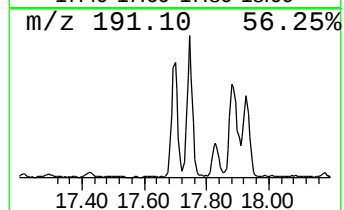
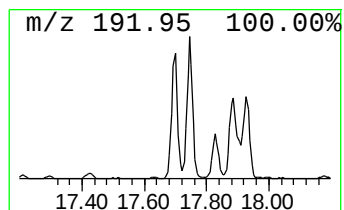
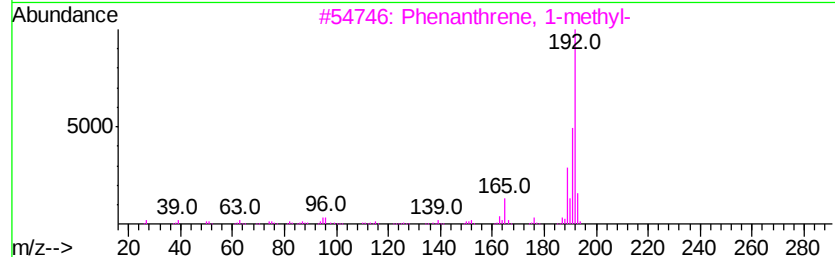
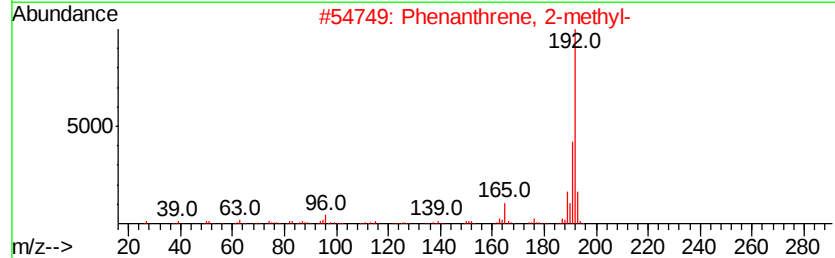
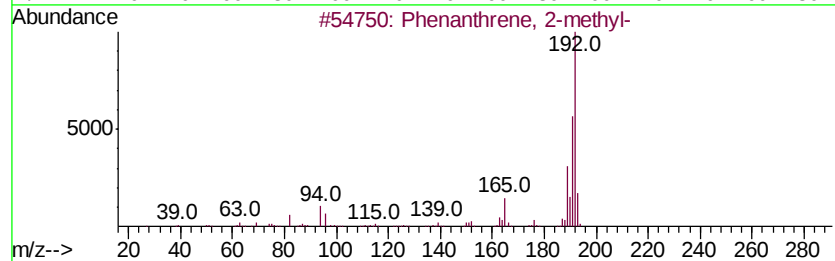
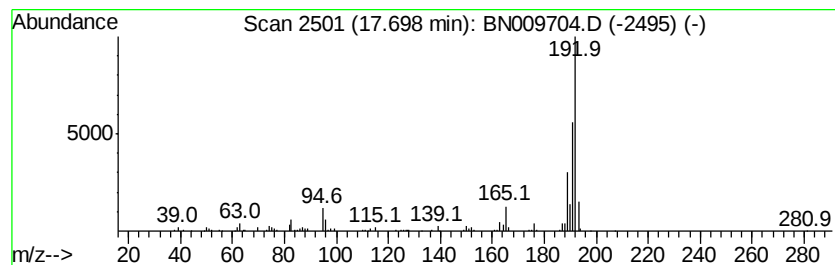
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	4.62 ng/ul	506299	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
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Sample : L1324-16MEDL 10X
Misc :
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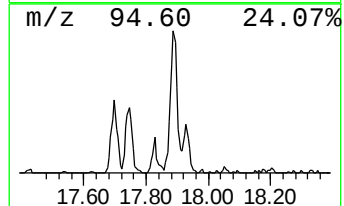
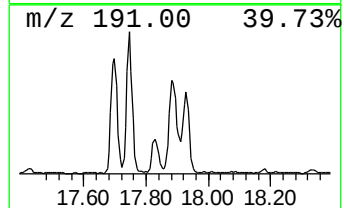
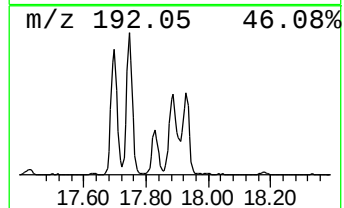
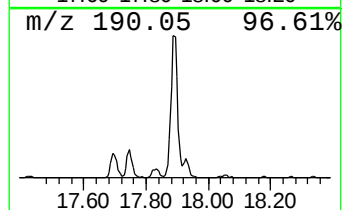
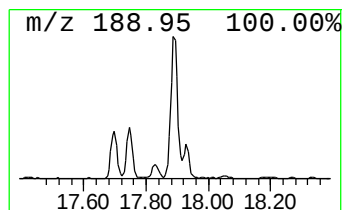
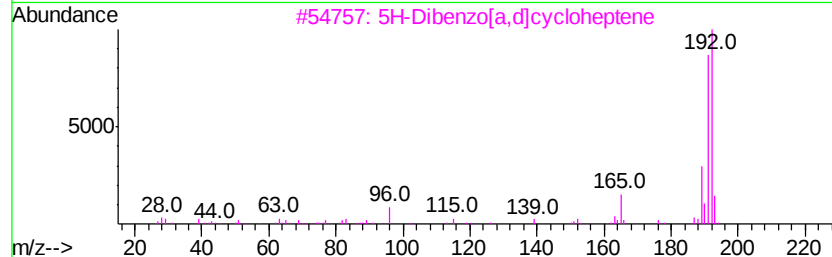
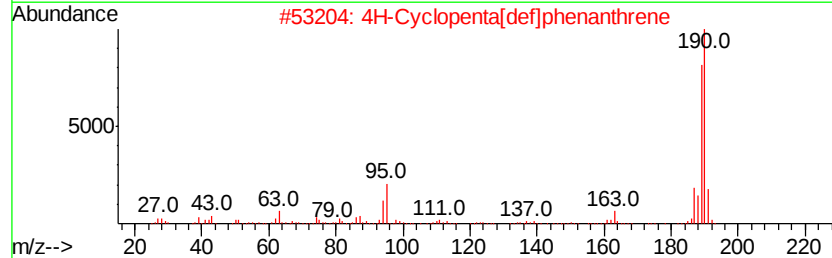
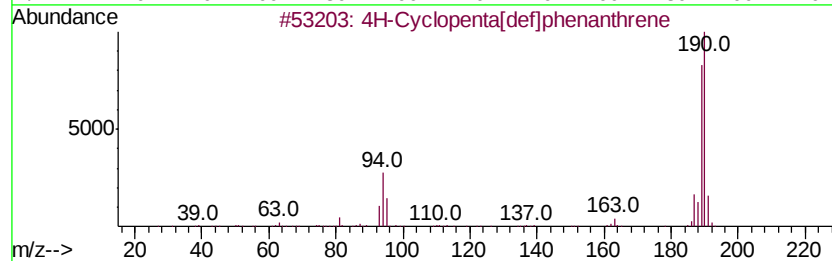
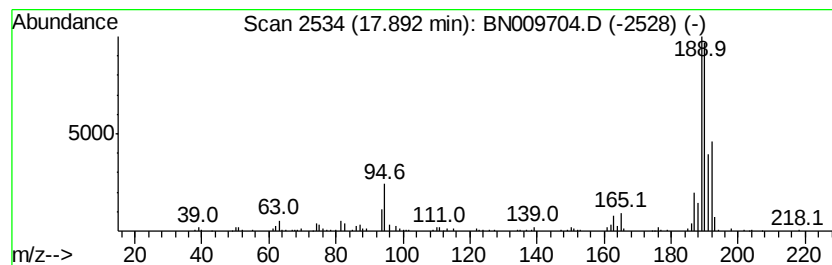
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	7.57 ng/ul	829704	Phenanthrene-d10		16.82		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
4			1H-Cyclopropa[all]phenanthrene,1a,...	192	C15H12	000949-41-7	38
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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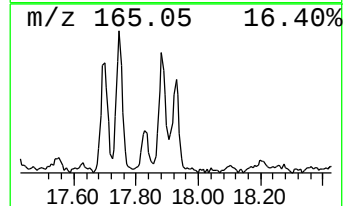
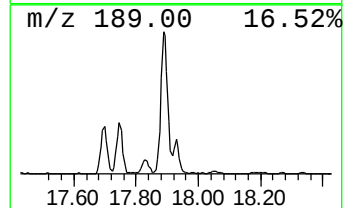
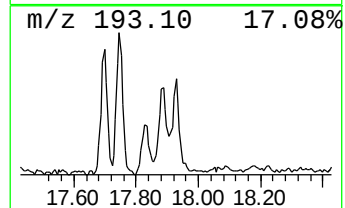
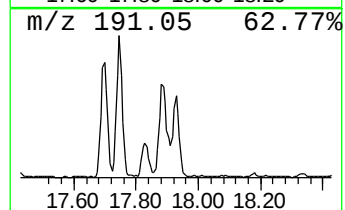
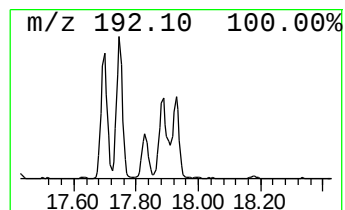
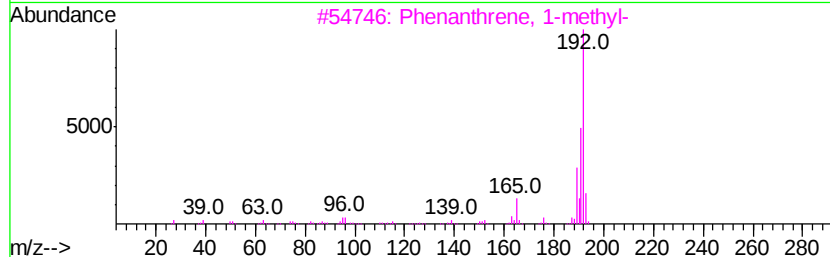
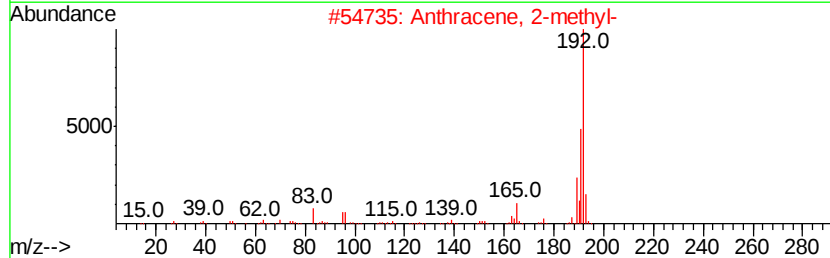
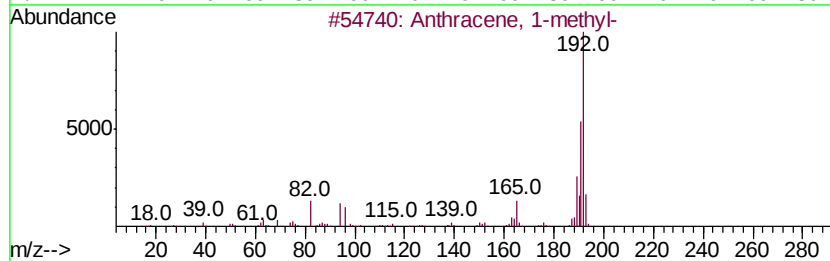
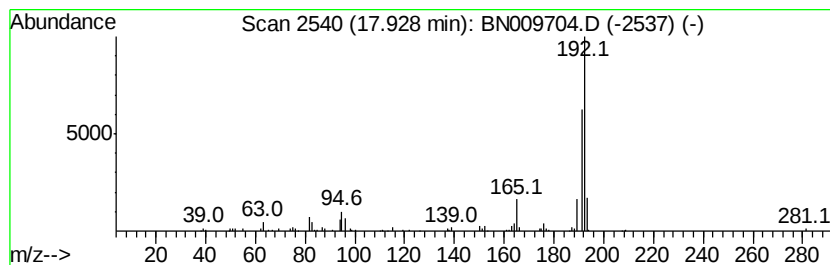
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Anthracene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	3.07 ng/ul	336323	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\
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ClientSampleId :
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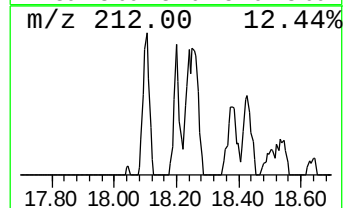
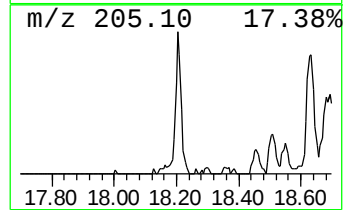
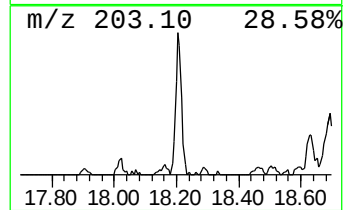
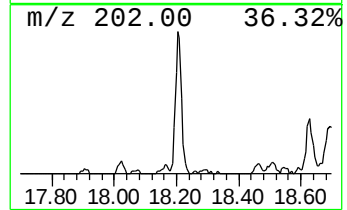
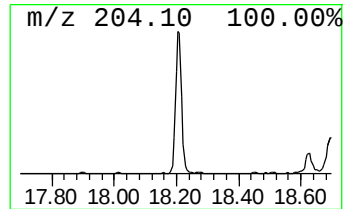
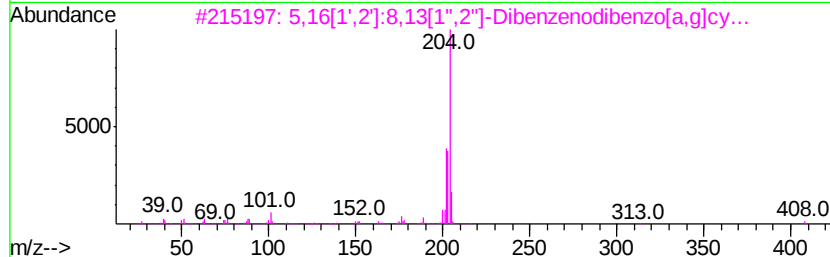
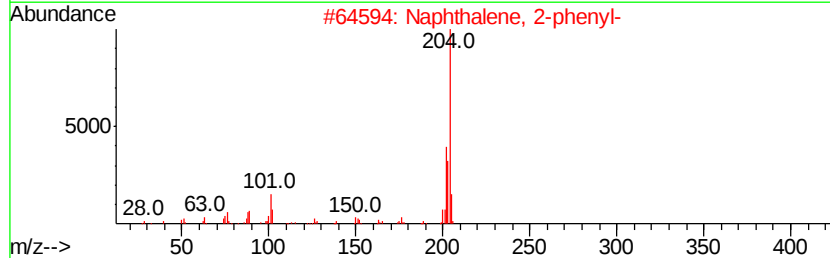
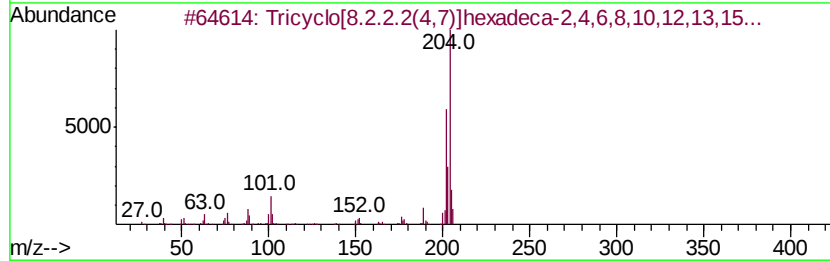
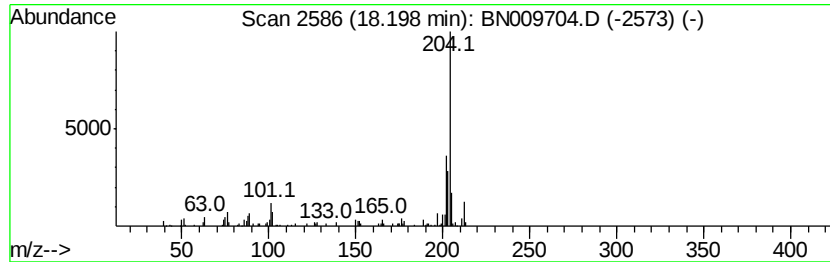
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	2.66 ng/ul	291689	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3		5,16[1',2':8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021120\
Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAT71MEDL

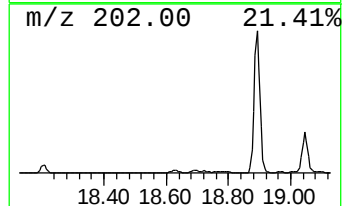
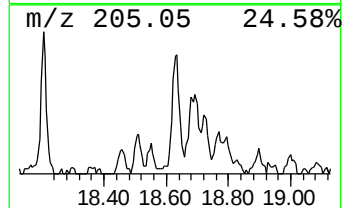
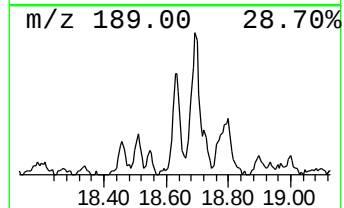
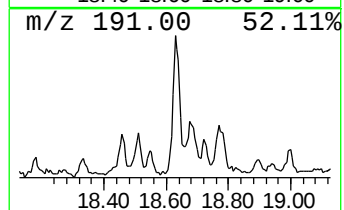
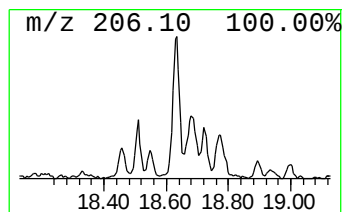
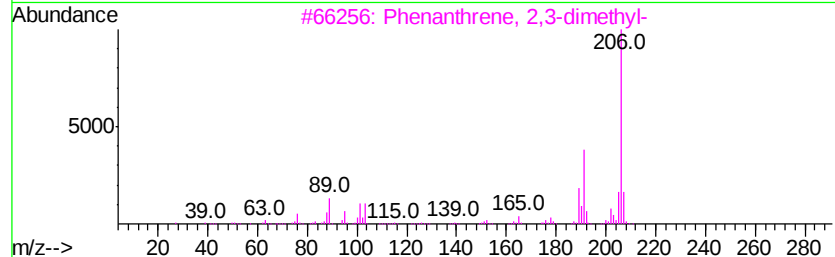
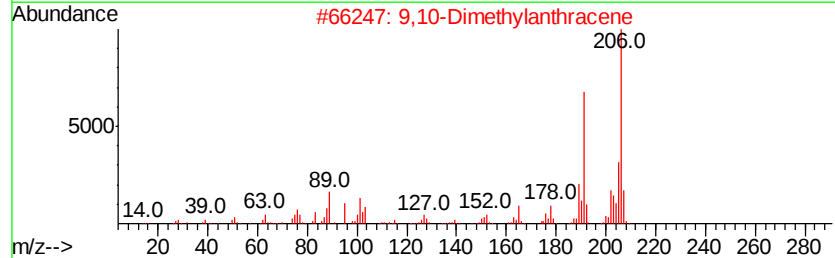
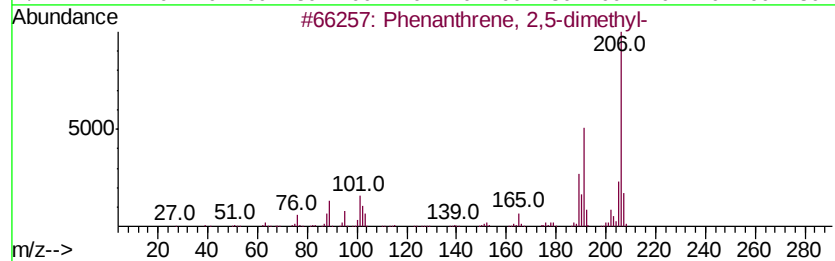
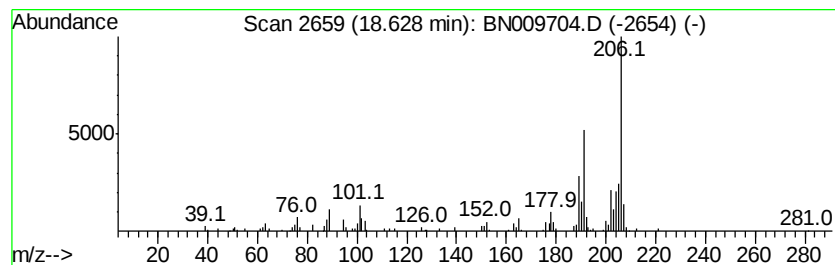
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	2.37 ng/ul	259312	Phenanthrene-d10	16.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	89
4		1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	89
5		Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\
 Data File : BN009704.D
 Acq On : 11 Feb 2020 13:34
 Operator : CG/JU
 Sample : L1324-16MEDL 10X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT71MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Bicyclo[4.2.0]oct...	5.47	2.3	ng/ul	106949	1	7.42	938460	20.0
Benzene, 1-etheny...	7.09	4.5	ng/ul	213446	1	7.42	938460	20.0
Indene	7.95	15.1	ng/ul	709794	1	7.42	938460	20.0
Benzene, 1-butynyl-	9.62	2.7	ng/ul	195504	2	10.18	1439090	20.0
Naphthalene, 1-me...	12.07	18.6	ng/ul	1341980	2	10.18	1439090	20.0
Naphthalene, 1,7-...	13.22	2.4	ng/ul	234967	3	14.06	1981080	20.0
Naphthalene, 2,6-...	13.24	2.1	ng/ul	206529	3	14.06	1981080	20.0
Naphthalene, 2,3-...	13.38	5.6	ng/ul	556701	3	14.06	1981080	20.0
Naphthalene, 1,6-...	13.43	2.9	ng/ul	291614	3	14.06	1981080	20.0
Naphthalene, 2,3,...	14.47	2.1	ng/ul	205197	3	14.06	1981080	20.0
9H-Fluorene, 2-me...	16.13	2.0	ng/ul	221082	4	16.82	2191620	20.0
Naphtho[2,1-b]thi...	16.64	2.5	ng/ul	271205	4	16.82	2191620	20.0
Phenanthrene, 2-m...	17.70	4.6	ng/ul	506299	4	16.82	2191620	20.0
4H-Cyclopenta[def...	17.89	7.6	ng/ul	829704	4	16.82	2191620	20.0
Anthracene, 1-met...	17.93	3.1	ng/ul	336323	4	16.82	2191620	20.0
Tricyclo[8.2.2.2(...	18.20	2.7	ng/ul	291689	4	16.82	2191620	20.0
Phenanthrene, 2,5...	18.63	2.4	ng/ul	259312	4	16.82	2191620	20.0