

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009639.D
 Acq On : 07 Feb 2020 09:35
 Operator : CG/JU
 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT74

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	7.434	750	756	765	rBV	869053	1287893	4.32%	0.580%
2	10.181	1213	1223	1229	rBV	1136611	1843213	6.18%	0.830%
3	11.710	1473	1483	1492	rVB2	101132	313340	1.05%	0.141%
4	13.522	1782	1791	1798	rVV2	333081	742383	2.49%	0.334%
5	13.622	1804	1808	1812	rVV	245291	349229	1.17%	0.157%
6	13.787	1826	1836	1843	rBV	2205270	3530150	11.84%	1.590%
7	14.004	1868	1873	1879	rBV	238177	356175	1.19%	0.160%
8	14.069	1879	1884	1891	rVV2	1563547	2356959	7.91%	1.062%
9	14.134	1891	1895	1902	rVB	245476	358681	1.20%	0.162%
10	14.698	1984	1991	1999	rBV4	282482	629983	2.11%	0.284%
11	14.957	2030	2035	2040	rVB3	422087	762318	2.56%	0.343%
12	15.040	2040	2049	2051	rBV3	164181	300540	1.01%	0.135%
13	15.075	2051	2055	2059	rVB	390969	543845	1.82%	0.245%
14	15.151	2059	2068	2072	rBV	237484	507706	1.70%	0.229%
15	15.257	2077	2086	2092	rBV	294554	565461	1.90%	0.255%
16	15.334	2094	2099	2103	rVV2	158954	373405	1.25%	0.168%
17	15.828	2176	2183	2186	rBV3	375536	752724	2.53%	0.339%
18	16.139	2229	2236	2241	rVV5	192156	491899	1.65%	0.222%
19	16.287	2257	2261	2267	rVB2	177756	305052	1.02%	0.137%
20	16.622	2314	2318	2325	rVV2	291984	586227	1.97%	0.264%
21	16.828	2347	2353	2356	rBV	1865392	2457147	8.24%	1.107%
22	16.869	2356	2360	2364	rVV	1427957	1863048	6.25%	0.839%
23	16.957	2371	2375	2381	rVV	1349439	1855899	6.23%	0.836%
24	17.022	2381	2386	2393	rVV4	211655	405846	1.36%	0.183%
25	17.357	2438	2443	2447	rVV2	792469	1168541	3.92%	0.526%
26	17.410	2447	2452	2458	rVB	348966	512076	1.72%	0.231%
27	17.516	2466	2470	2474	rBV2	382440	599603	2.01%	0.270%
28	17.634	2485	2490	2497	rBV3	150449	375871	1.26%	0.169%
29	17.704	2497	2502	2506	rVV	806507	1198980	4.02%	0.540%
30	17.751	2506	2510	2517	rVB2	1354697	1846887	6.20%	0.832%
31	17.833	2519	2524	2528	rBV	425838	570981	1.92%	0.257%
32	17.898	2528	2535	2539	rBV2	4044219	6508426	21.83%	2.932%
33	17.933	2539	2541	2552	rVB	1060204	1320862	4.43%	0.595%
34	18.028	2552	2557	2559	rBV	236346	342956	1.15%	0.155%

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35	18.104	2567	2570	2574	rVB	272671	334264	1.12%	0.151%
36	18.210	2584	2588	2592	rVV	1192897	1756186	5.89%	0.791%
37	18.263	2592	2597	2607	rVB2	2856050	4259951	14.29%	1.919%
38	18.369	2612	2615	2622	rVB4	164125	341937	1.15%	0.154%
39	18.433	2622	2626	2628	rBV2	293544	401747	1.35%	0.181%
40	18.516	2636	2640	2643	rVB	311087	372802	1.25%	0.168%
41	18.551	2643	2646	2651	rVB	408153	556788	1.87%	0.251%
42	18.639	2655	2661	2666	rBV2	1539936	2587618	8.68%	1.166%
43	18.698	2666	2671	2675	rVV2	1079161	1732974	5.81%	0.781%
44	18.733	2675	2677	2681	rVB	548910	554108	1.86%	0.250%
45	18.786	2681	2686	2692	rBV	2550819	4268252	14.32%	1.923%
46	18.910	2698	2707	2713	rVB	12454737	17761994	59.59%	8.002%
47	18.975	2713	2718	2721	rBV	502937	734204	2.46%	0.331%
48	19.051	2727	2731	2737	rVB	2643864	3547665	11.90%	1.598%
49	19.116	2737	2742	2745	rBV2	1078953	1532138	5.14%	0.690%
50	19.175	2749	2752	2759	rVB	608314	1031612	3.46%	0.465%
51	19.280	2759	2770	2777	rBV	18738640	29807512	100.00%	13.428%
52	19.357	2777	2783	2788	rVB3	627042	1097404	3.68%	0.494%
53	19.445	2795	2798	2802	rBV2	251861	303308	1.02%	0.137%
54	19.510	2805	2809	2816	rVB5	439547	720686	2.42%	0.325%
55	19.604	2819	2825	2836	rBV2	1681596	3538796	11.87%	1.594%
56	19.692	2836	2840	2843	rBV4	492356	649101	2.18%	0.292%
57	19.739	2843	2848	2850	rBV3	1617089	2605533	8.74%	1.174%
58	19.769	2851	2853	2858	rVB	1939701	2254524	7.56%	1.016%
59	19.833	2860	2864	2867	rBV4	268083	470667	1.58%	0.212%
60	19.875	2867	2871	2875	rBV2	651385	732351	2.46%	0.330%
61	19.927	2876	2880	2885	rBV	2497537	3152875	10.58%	1.420%
62	20.069	2900	2904	2908	rVV	2016539	2498158	8.38%	1.125%
63	20.116	2908	2912	2917	rVB2	2311287	2811033	9.43%	1.266%
64	20.245	2931	2934	2939	rVB4	307402	432244	1.45%	0.195%
65	20.327	2945	2948	2951	rBV4	308752	395948	1.33%	0.178%
66	20.527	2978	2982	2989	rVB	1229787	1665529	5.59%	0.750%
67	20.616	2994	2997	3000	rVB	272506	284409	0.95%	0.128%
68	20.686	3001	3009	3013	rBV2	1721528	3049037	10.23%	1.374%
69	20.727	3013	3016	3019	rVB	1452353	1541340	5.17%	0.694%
70	20.763	3019	3022	3026	rBV	1231442	1403015	4.71%	0.632%
71	20.927	3047	3050	3060	rVB2	475698	829047	2.78%	0.373%

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72	21.033	3063	3068	3074	rVV2	7551892	14212616	47.68%	6.403%
73	21.086	3074	3077	3083	rVV	6927866	8638002	28.98%	3.891%
74	21.169	3087	3091	3094	rVV3	439423	553654	1.86%	0.249%
75	21.222	3097	3100	3101	rVV3	418093	504166	1.69%	0.227%
76	21.251	3101	3105	3121	rVB	2809986	4828114	16.20%	2.175%
77	21.404	3128	3131	3136	rVB3	554586	717379	2.41%	0.323%
78	21.486	3142	3145	3150	rBV5	264335	427714	1.43%	0.193%
79	21.533	3150	3153	3156	rBV	431294	465235	1.56%	0.210%
80	21.586	3156	3162	3166	rBV	1783133	2633618	8.84%	1.186%
81	21.633	3167	3170	3176	rVB2	1133938	1556309	5.22%	0.701%
82	21.698	3176	3181	3184	rBV2	593230	1055567	3.54%	0.476%
83	21.769	3189	3193	3196	rVV2	1182175	1805434	6.06%	0.813%
84	21.798	3196	3198	3202	rVB2	785539	842815	2.83%	0.380%
85	21.869	3207	3210	3216	rVB	615673	751817	2.52%	0.339%
86	22.210	3263	3268	3273	rVB2	1193400	1743780	5.85%	0.786%
87	22.298	3280	3283	3294	rVB3	487889	1163736	3.90%	0.524%
88	22.551	3319	3326	3330	rBV2	4620232	9542540	32.01%	4.299%
89	22.704	3347	3352	3358	rBV	1314652	2148419	7.21%	0.968%
90	22.992	3394	3401	3407	rBV	2951735	5059932	16.98%	2.280%
91	23.080	3410	3416	3421	rVV	4082535	6568068	22.03%	2.959%
92	23.163	3425	3430	3435	rVV	1488563	2686935	9.01%	1.210%
93	23.210	3435	3438	3447	rVB2	715470	1439409	4.83%	0.648%
94	23.668	3513	3516	3523	rVB2	379492	728613	2.44%	0.328%
95	23.963	3562	3566	3580	rVB3	415739	995554	3.34%	0.449%
96	24.610	3672	3676	3682	rBV3	170571	316269	1.06%	0.142%
97	25.027	3742	3747	3760	rVB2	496953	1421471	4.77%	0.640%
98	25.239	3774	3783	3792	rVB	1742242	4625304	15.52%	2.084%
99	25.462	3816	3821	3828	rVB	349839	743772	2.50%	0.335%
100	25.868	3881	3890	3900	rVB2	1322777	3795404	12.73%	1.710%

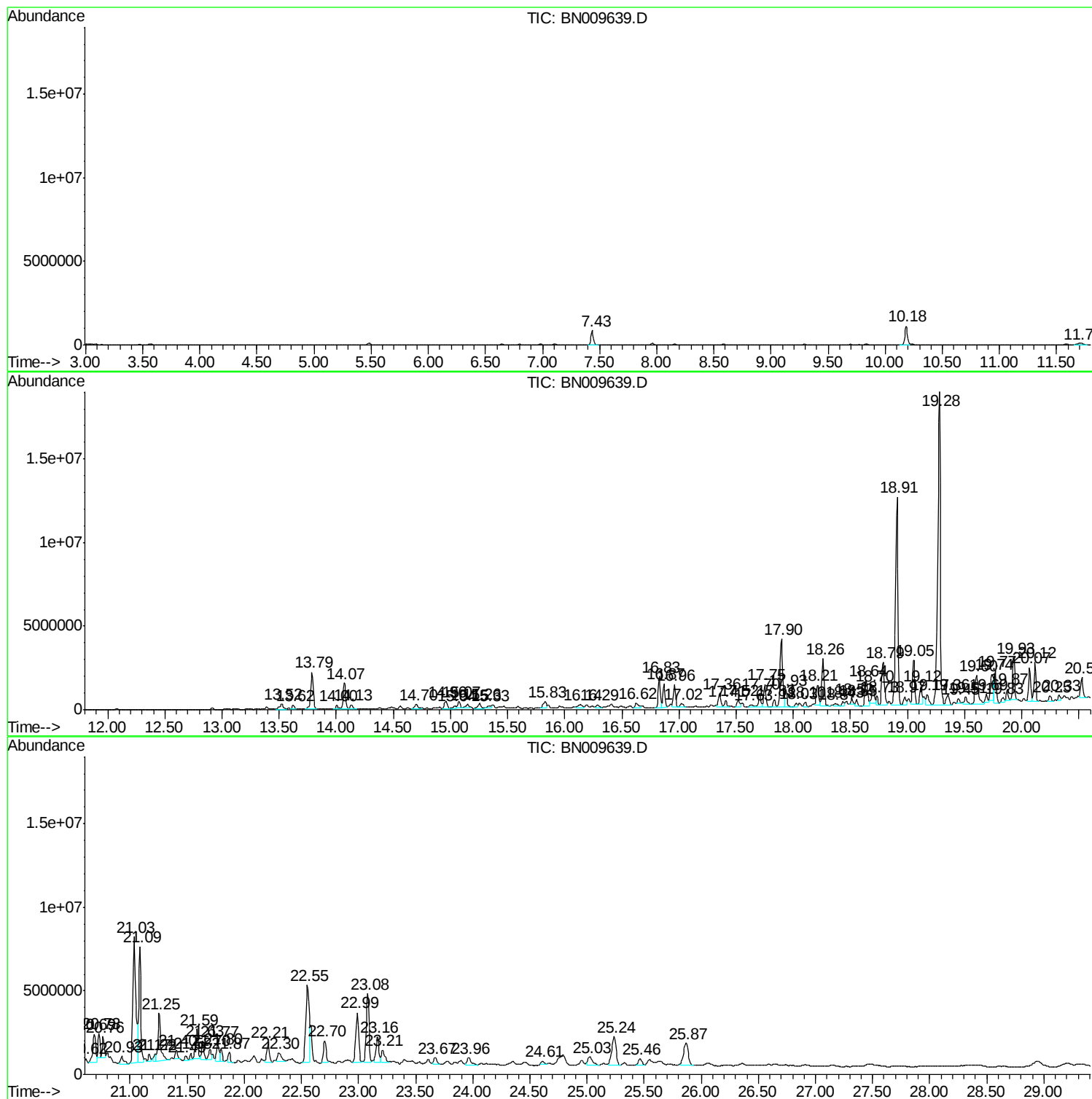
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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



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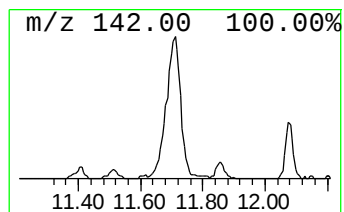
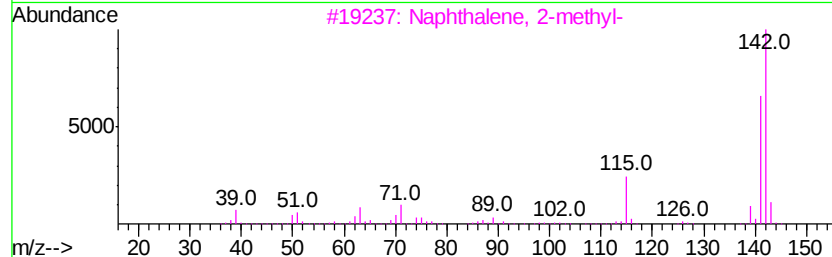
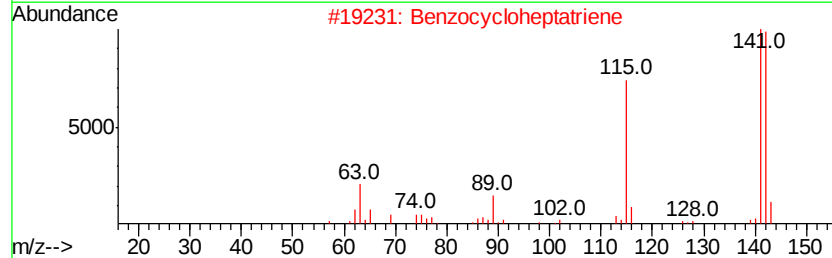
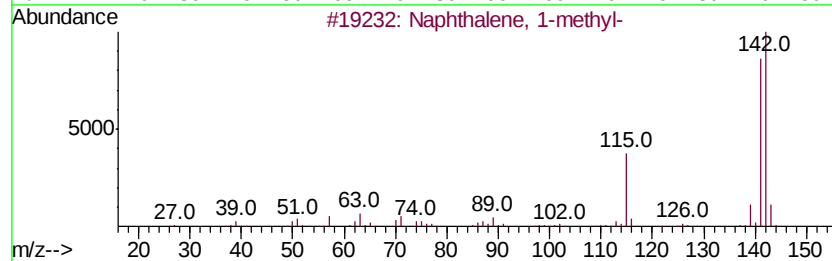
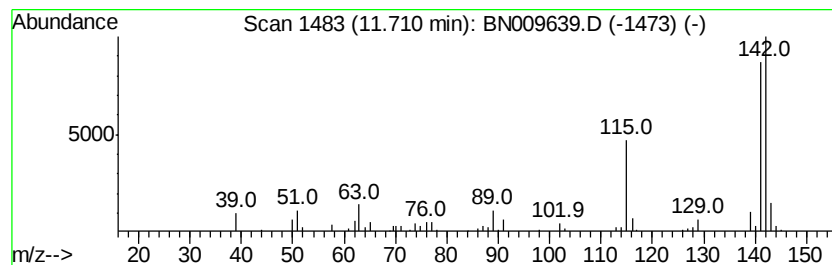
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.40 ng/ul	313340	Naphthalene-d8	10.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2			Benzocycloheptatriene	142	C11H10	000264-09-5	93
3			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4			Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90
5			Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90



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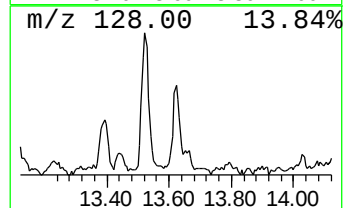
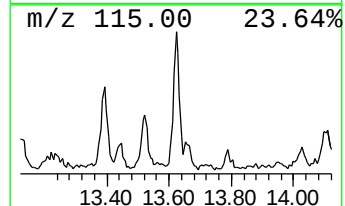
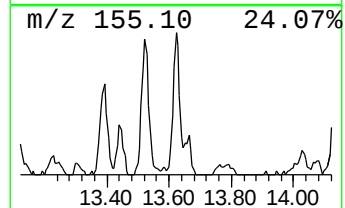
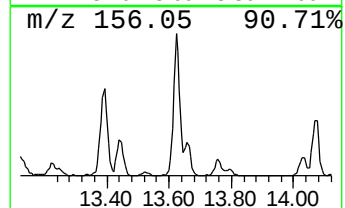
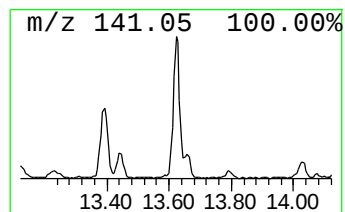
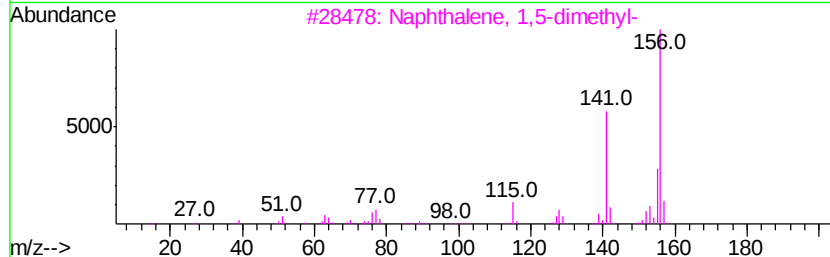
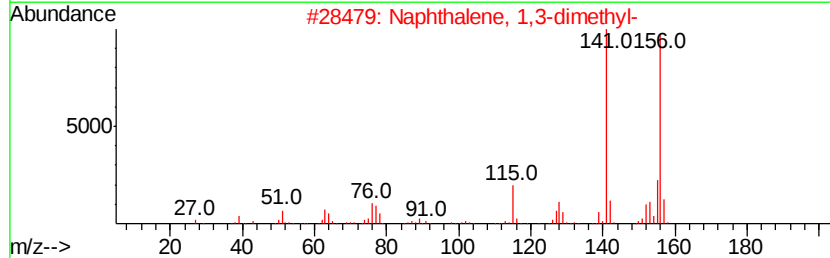
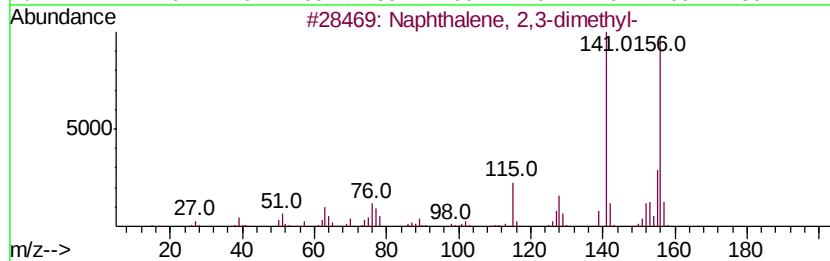
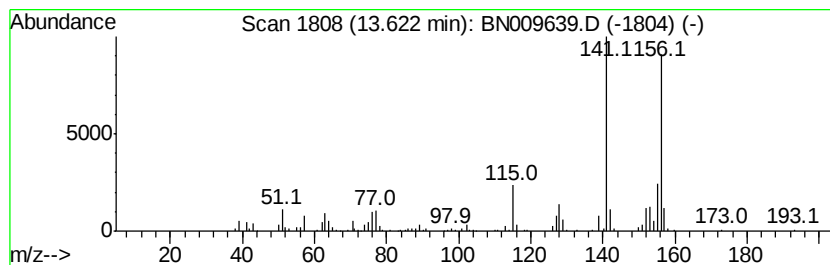
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	2.96 ng/ul	349229	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7	98
3	Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9	97
4	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8	97



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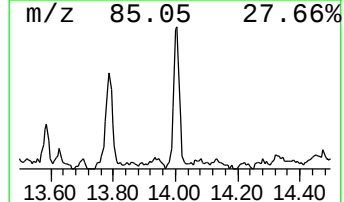
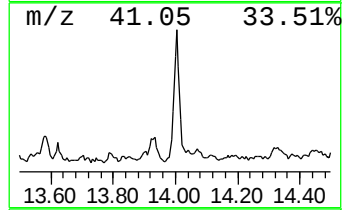
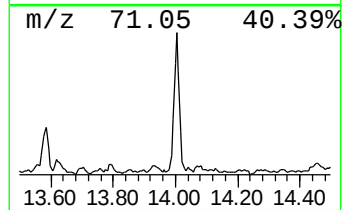
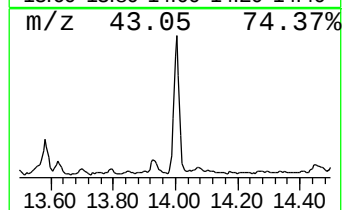
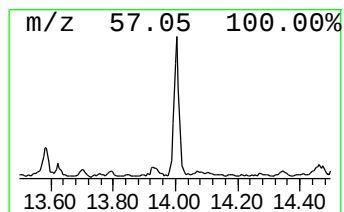
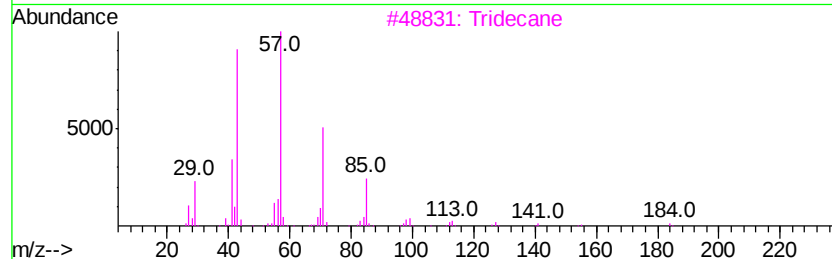
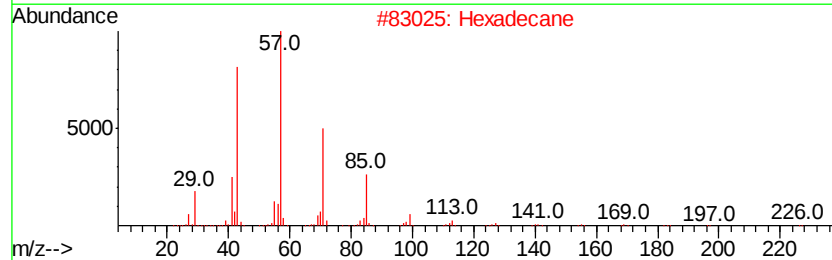
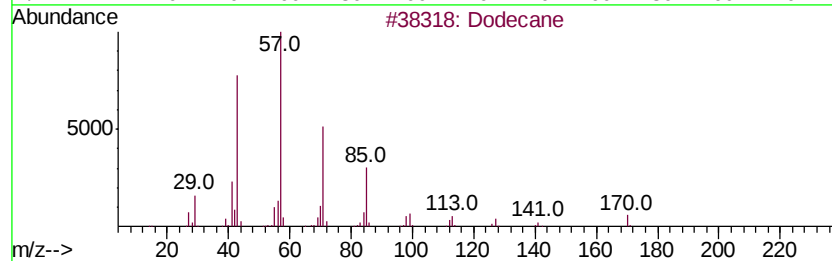
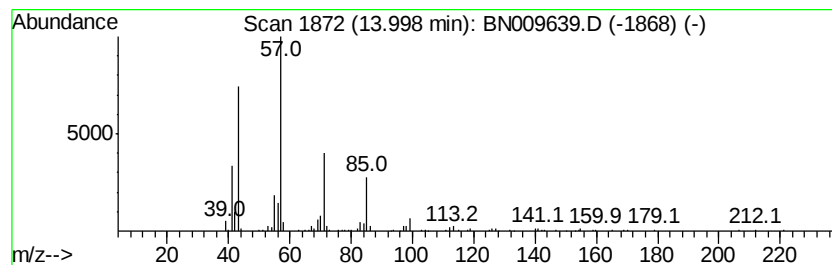
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.00	3.02 ng/ul	356175	Acenaphthene-d10	14.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane	170 C12H26	000112-40-3	87
2	Hexadecane	226 C16H34	000544-76-3	87
3	Tridecane	184 C13H28	000629-50-5	86
4	Tridecane, 4,8-dimethyl-	212 C15H32	055030-62-1	83
5	Decane, 6-ethyl-2-methyl-	184 C13H28	062108-21-8	80



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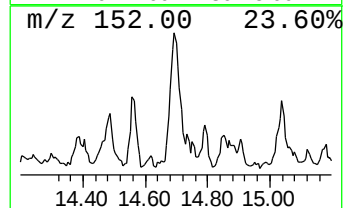
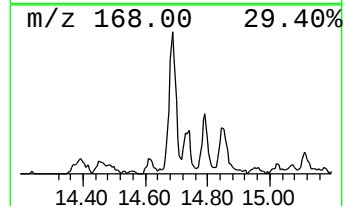
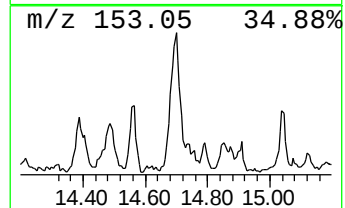
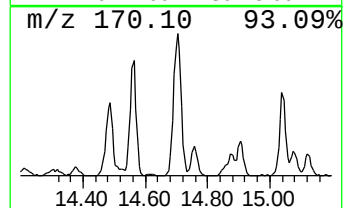
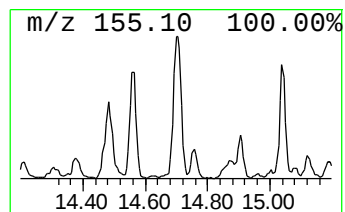
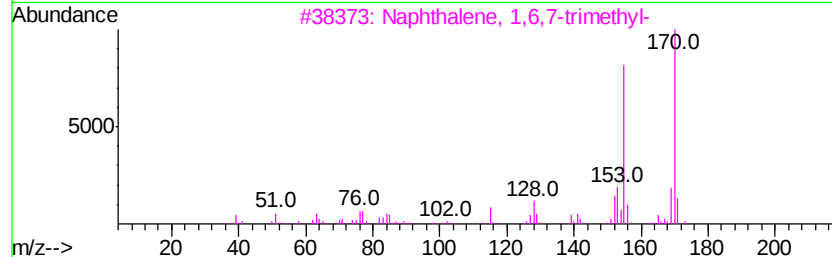
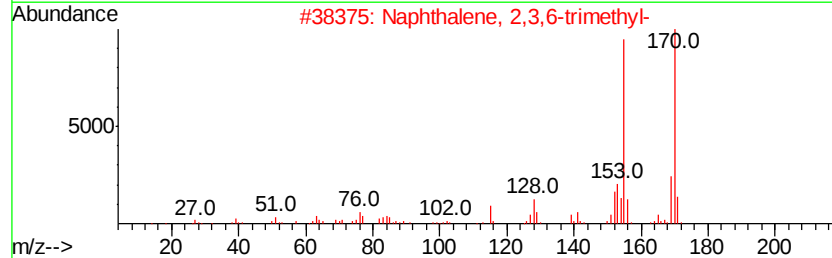
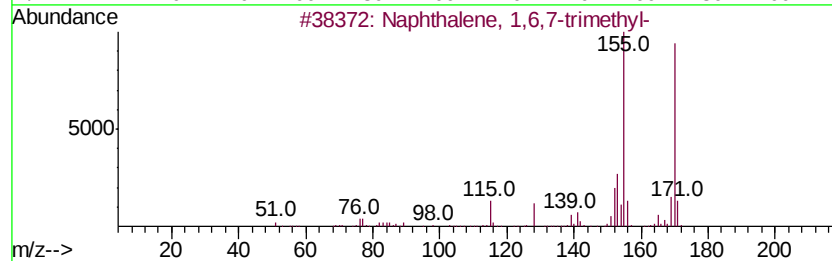
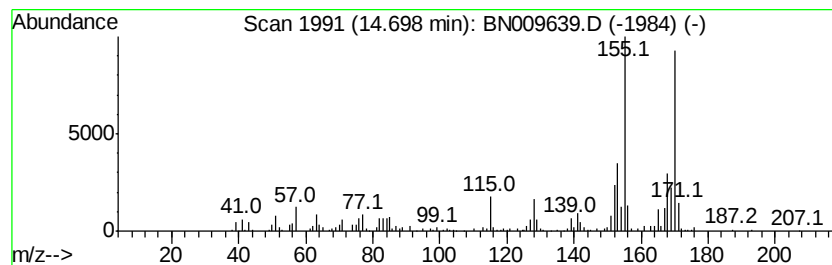
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	5.35 ng/ul	629983	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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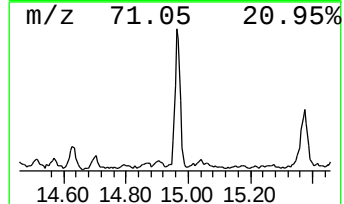
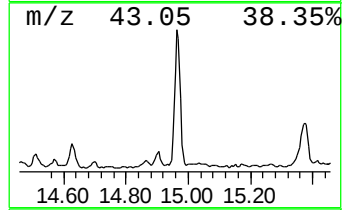
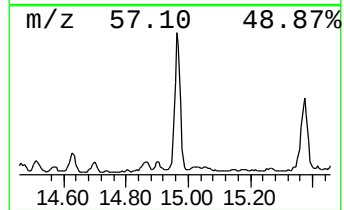
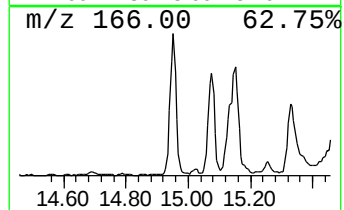
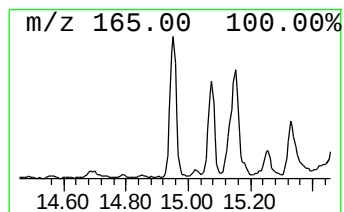
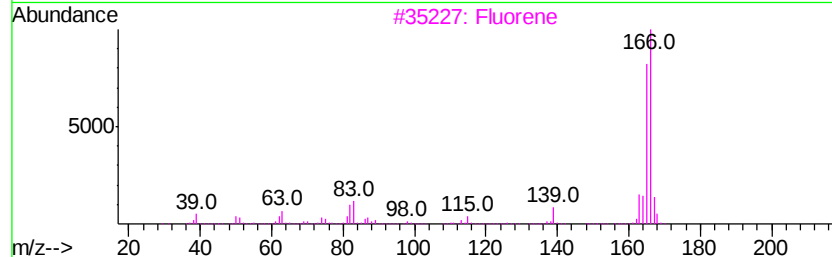
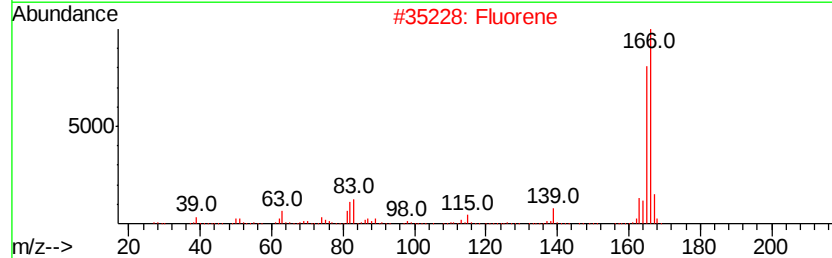
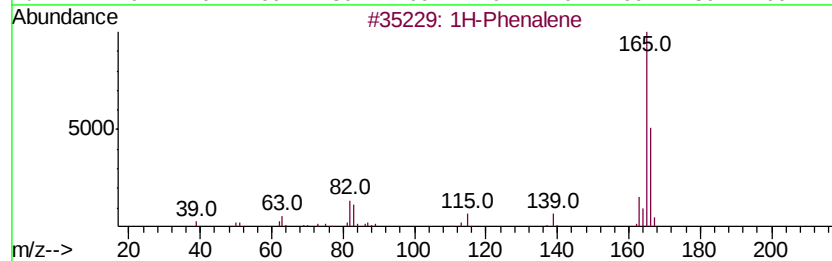
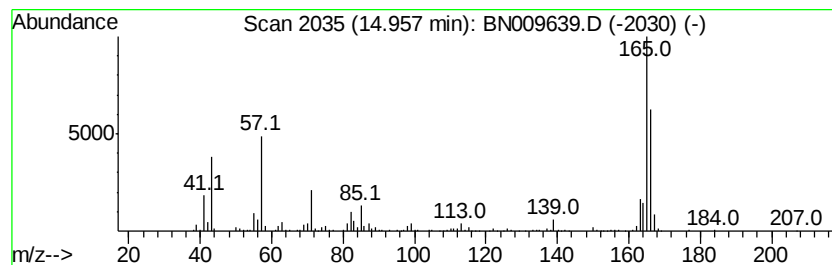
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Phenalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	6.47 ng/ul	762318	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	53
2		Fluorene	166	C13H10	000086-73-7	43
3		Fluorene	166	C13H10	000086-73-7	38
4		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	33
5		Fluorene	166	C13H10	000086-73-7	32



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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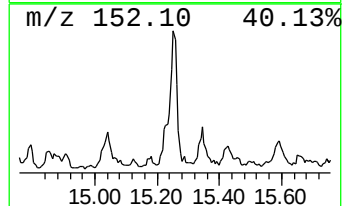
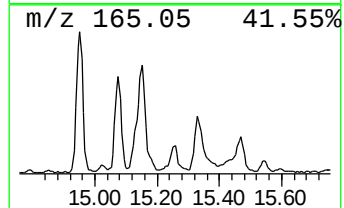
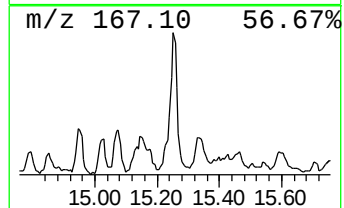
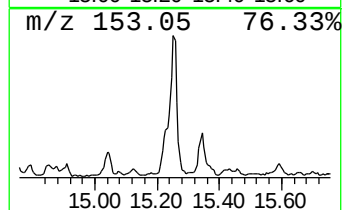
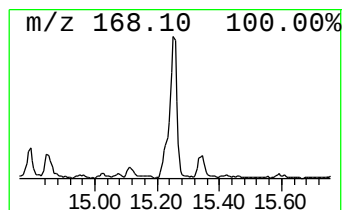
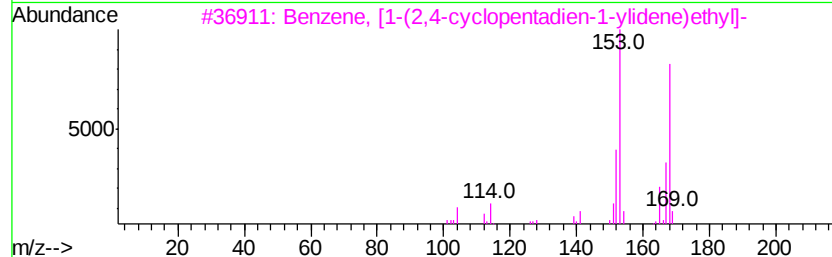
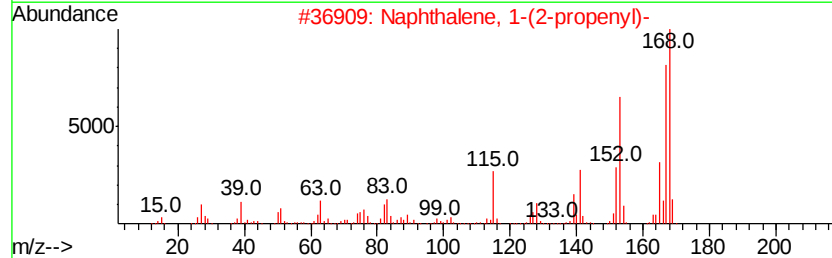
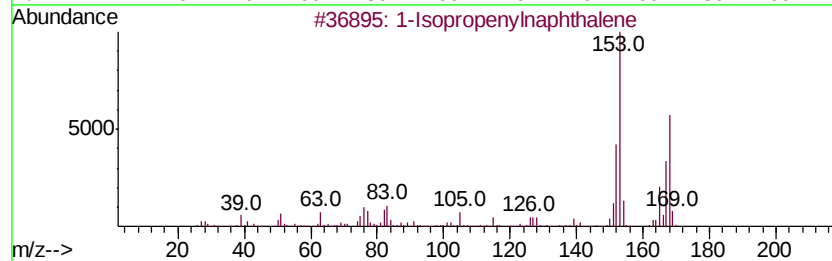
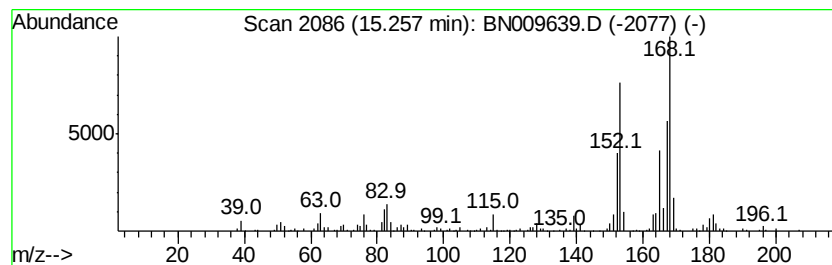
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.80 ng/ul	565461	Acenaphthene-d10	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	68
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	50
4		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	50
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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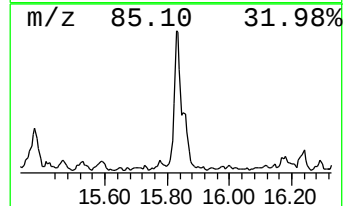
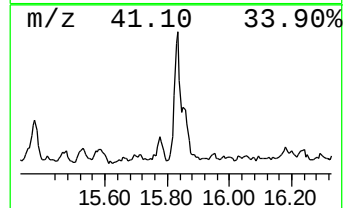
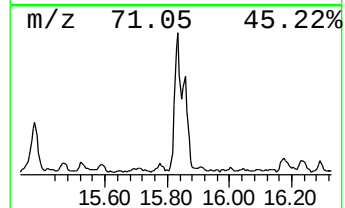
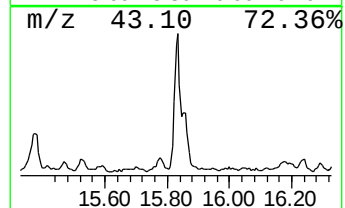
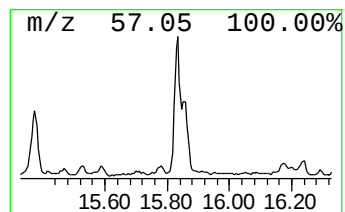
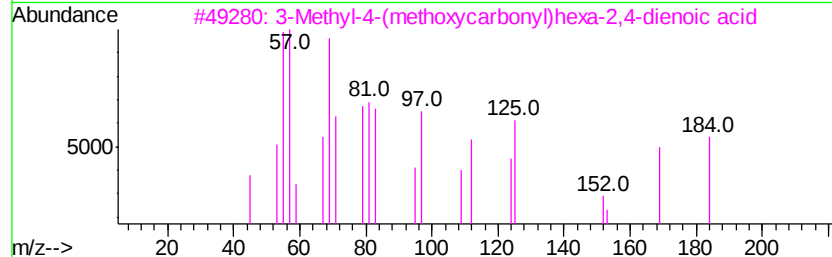
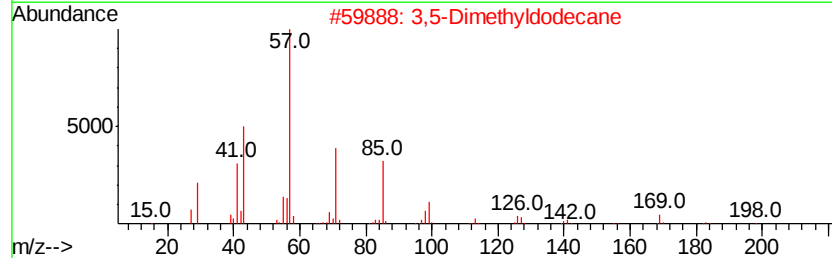
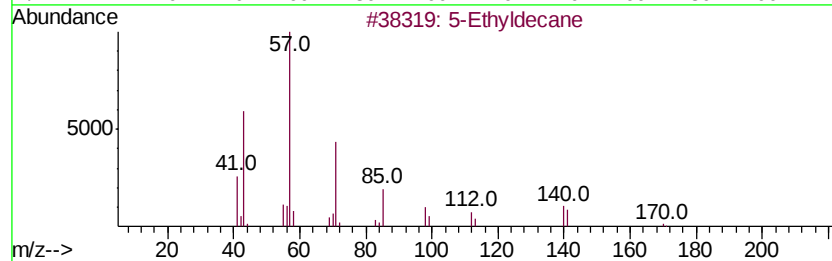
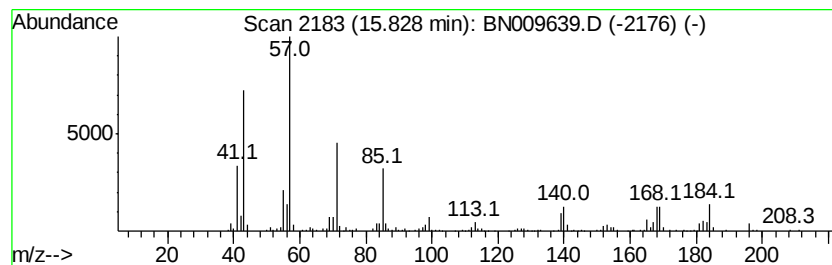
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	6.13 ng/ul	752724	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Ethyldecane	170	C12H26	017302-36-2	64
2		3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
3		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	50
4		Tetradecane	198	C14H30	000629-59-4	50
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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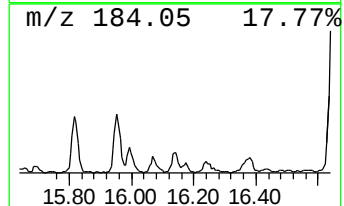
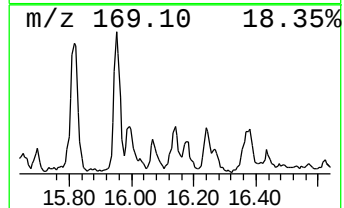
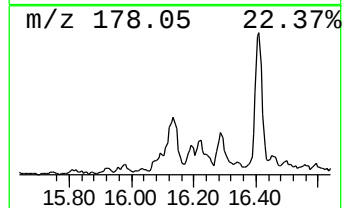
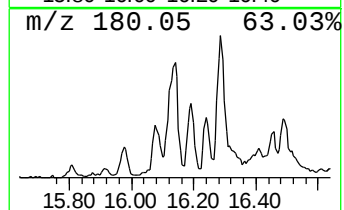
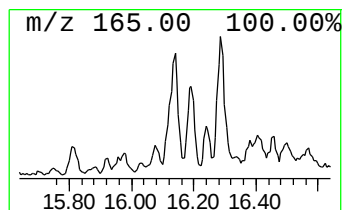
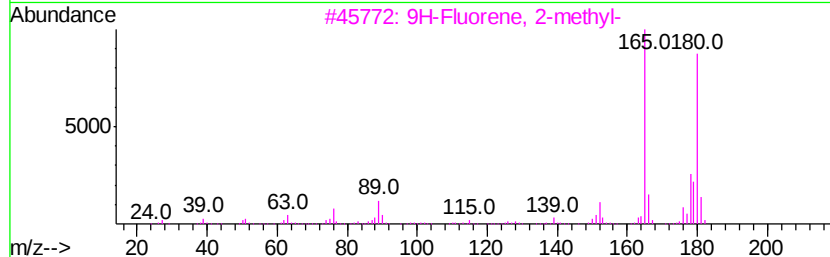
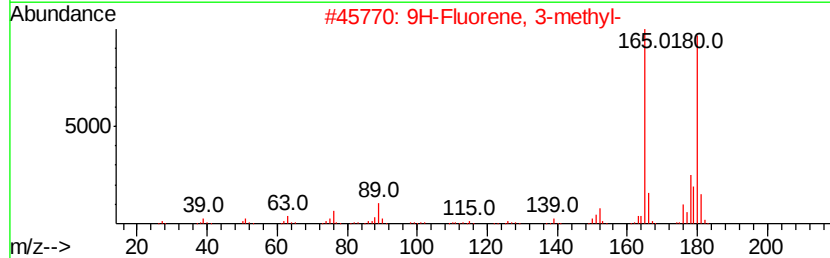
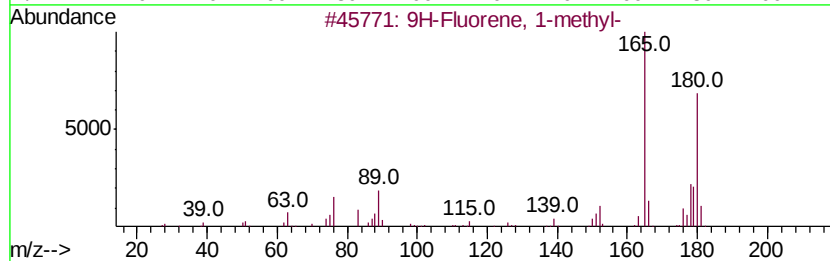
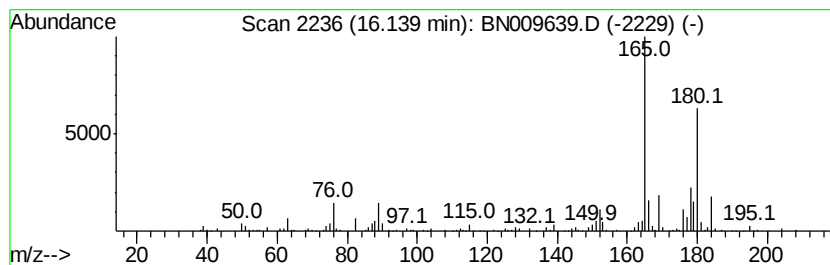
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	4.00 ng/ul	491899	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	76
4		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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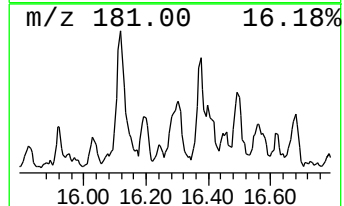
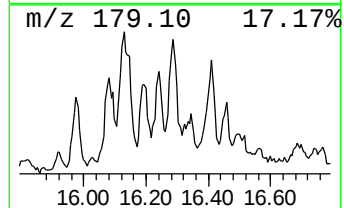
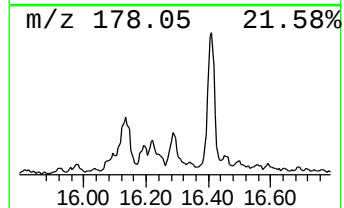
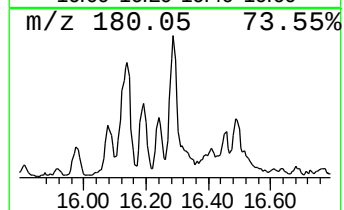
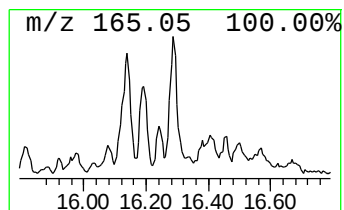
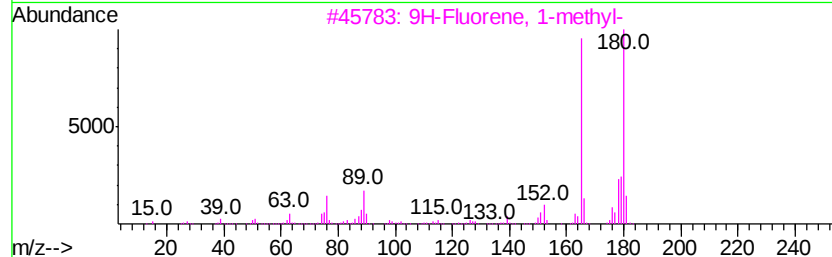
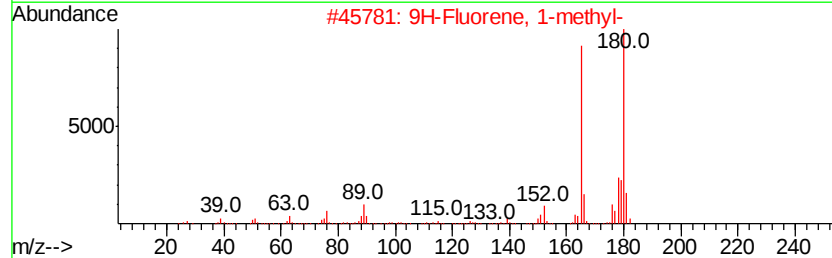
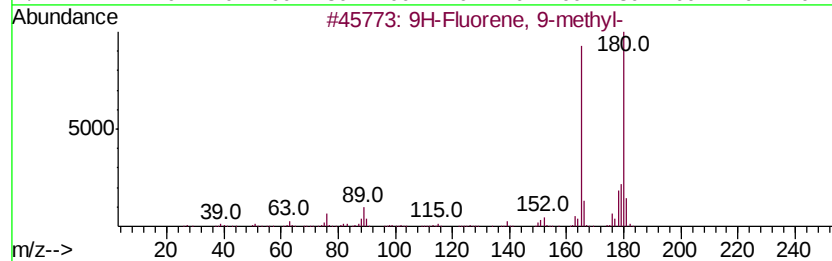
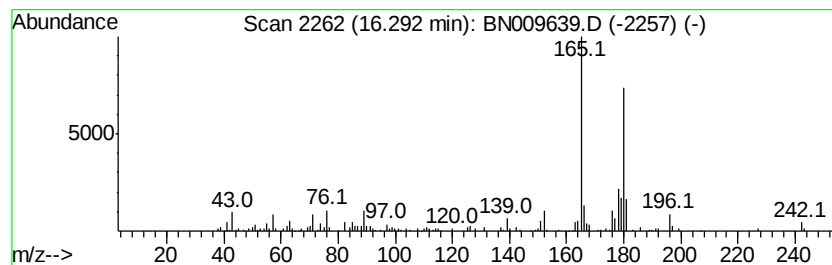
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluorene, 9-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	2.48 ng/ul	305052	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	96
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
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\BN020620\
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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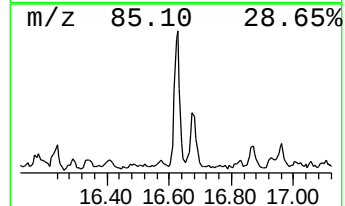
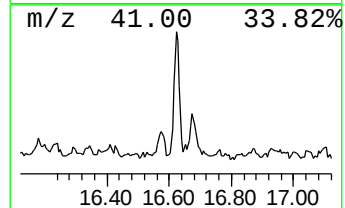
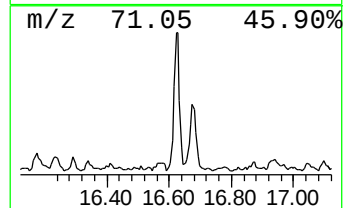
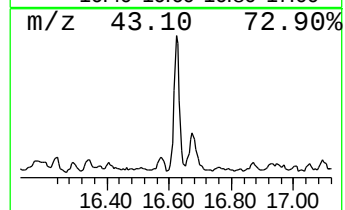
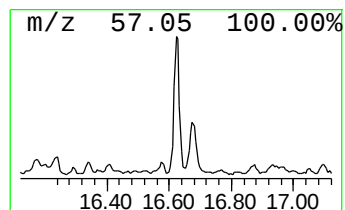
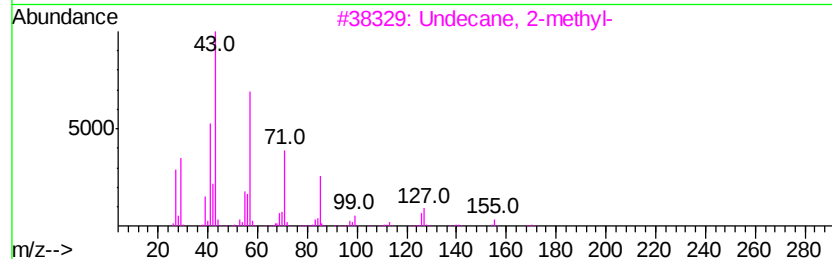
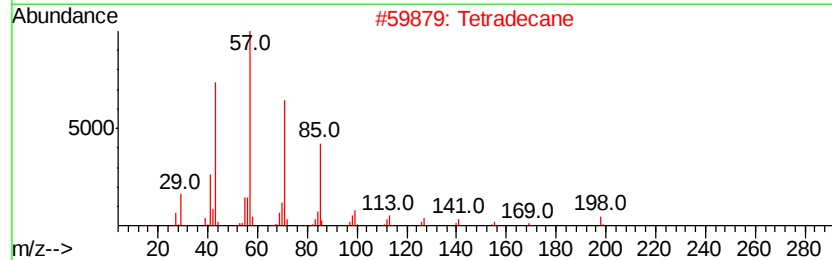
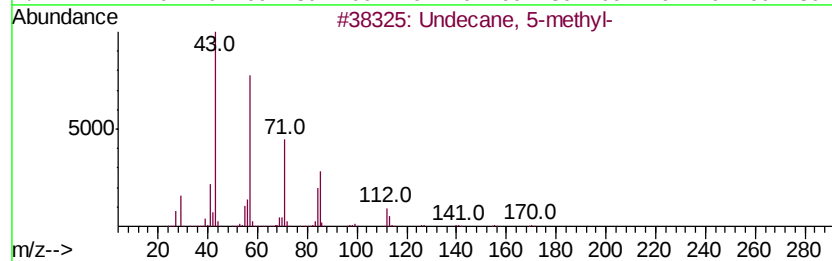
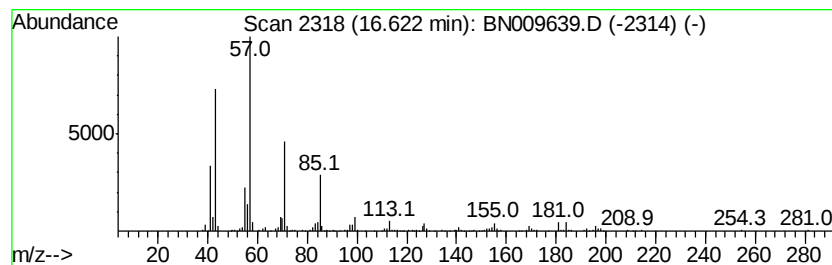
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.62	4.77 ng/ul	586227	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	81
2			Tetradecane	198	C14H30	000629-59-4	81
3			Undecane, 2-methyl-	170	C12H26	007045-71-8	72
4			Tridecane	184	C13H28	000629-50-5	70
5			Hexadecane	226	C16H34	000544-76-3	68



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Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
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Instrument :
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ClientSampleId :
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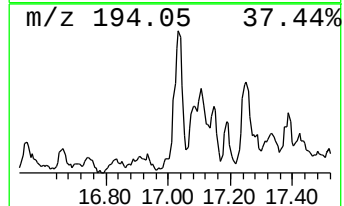
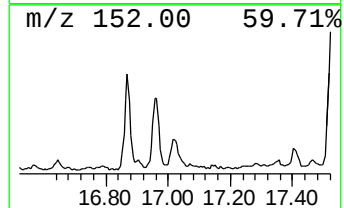
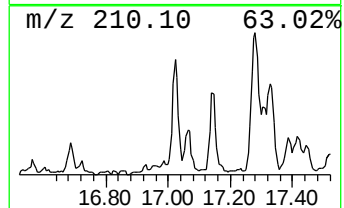
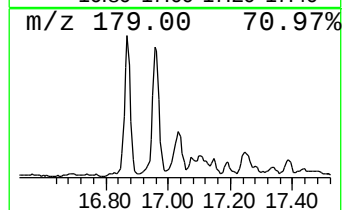
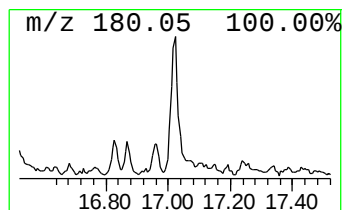
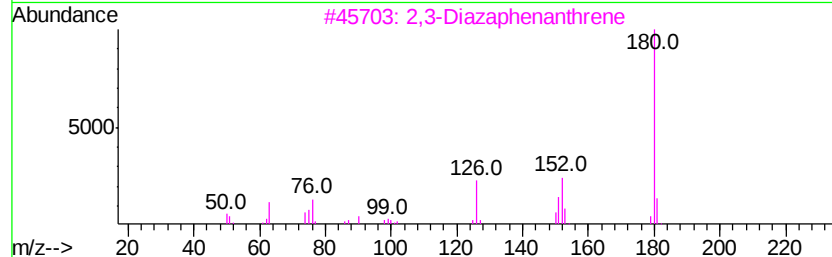
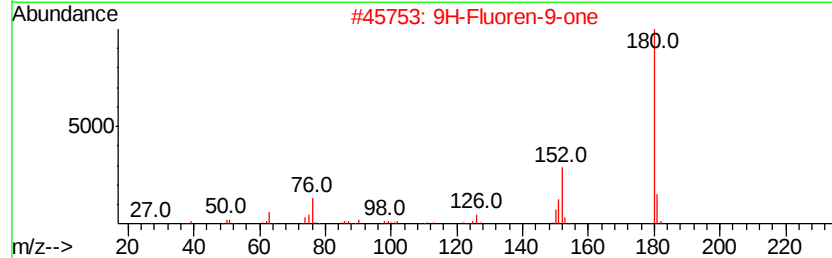
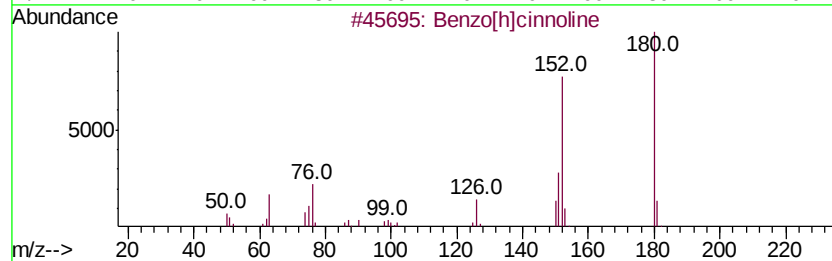
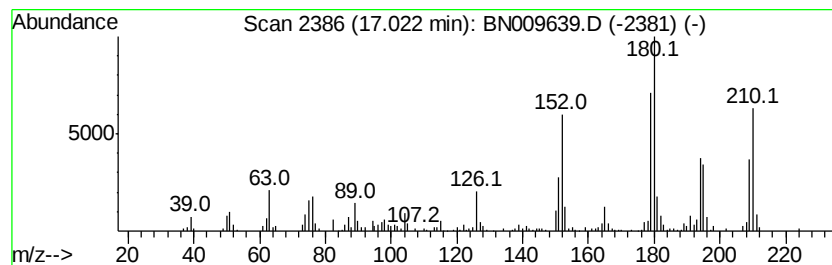
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Benzo[h]cinnoline Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	3.30 ng/ul	405846	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	86
2			9H-Fluoren-9-one	180	C13H8O	000486-25-9	50
3			2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	46
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46
5			4-Acetyl-1-naphthonitrile	195	C13H9NO	029139-00-2	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
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Instrument :
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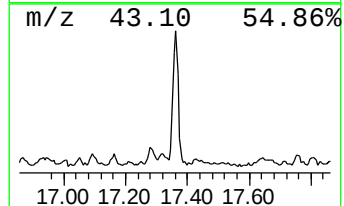
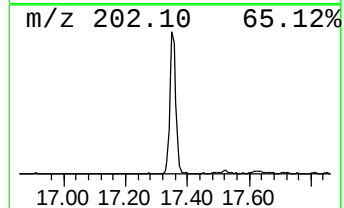
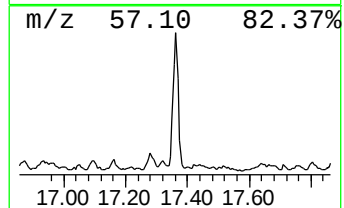
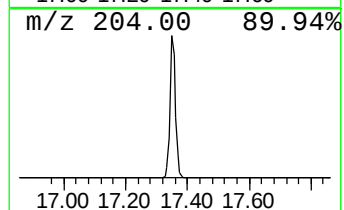
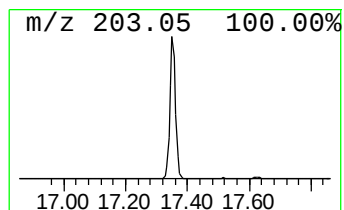
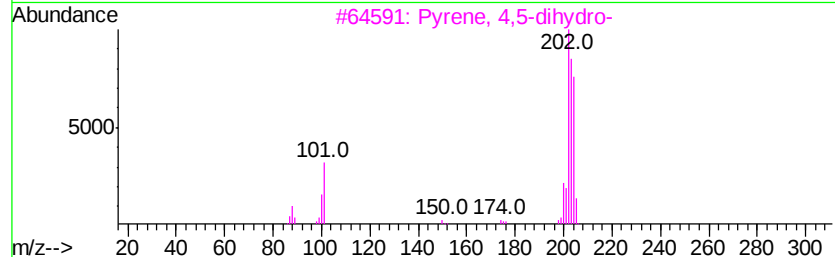
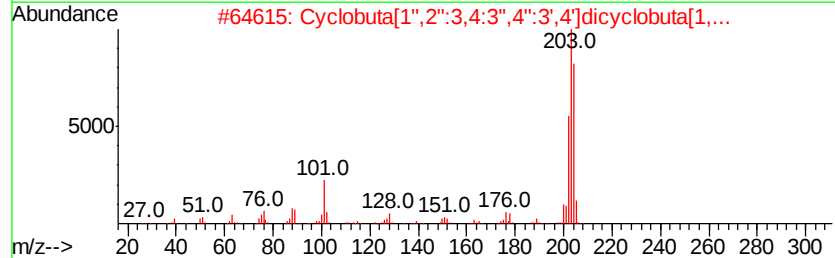
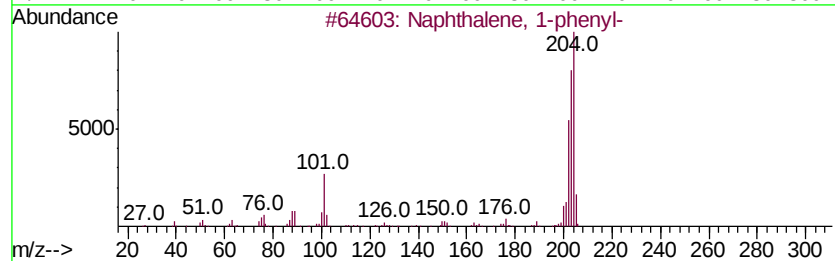
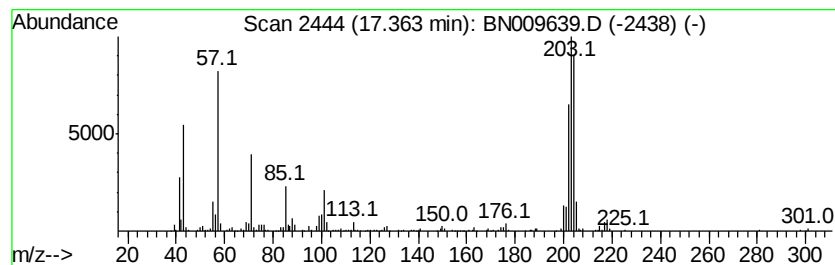
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	9.51 ng/ul	1168540	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
2			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	70
3			Pvrene, 4,5-dihydro-	204	C16H12	006628-98-4	68
4			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	68
5			Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
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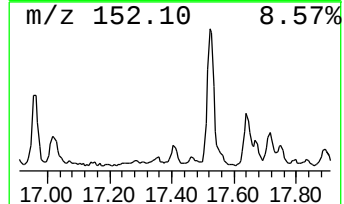
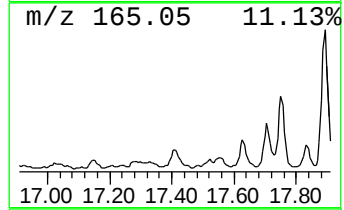
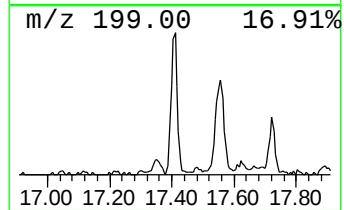
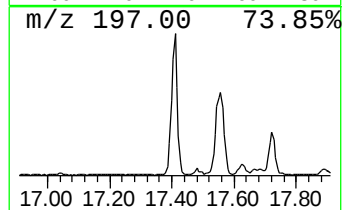
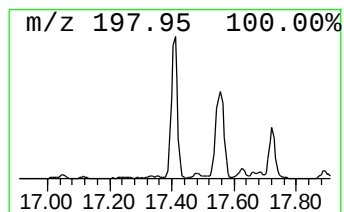
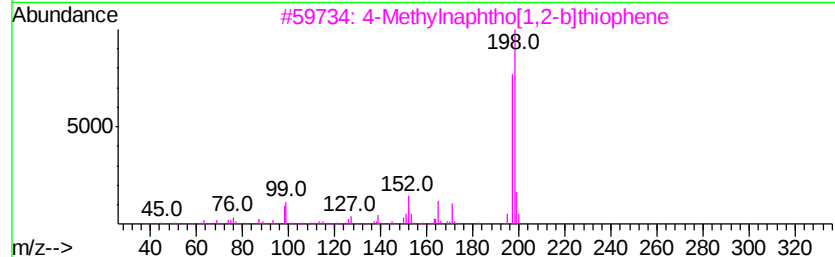
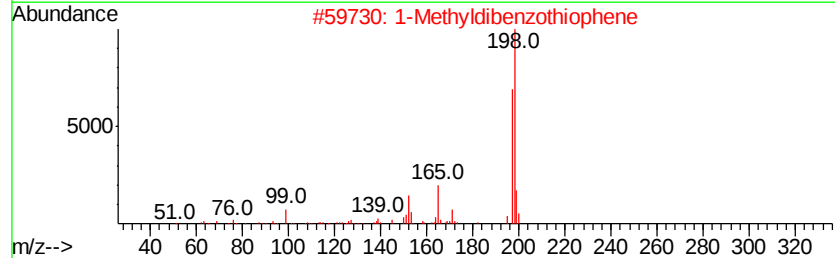
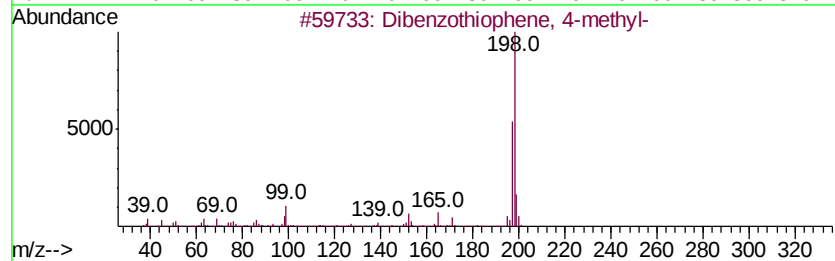
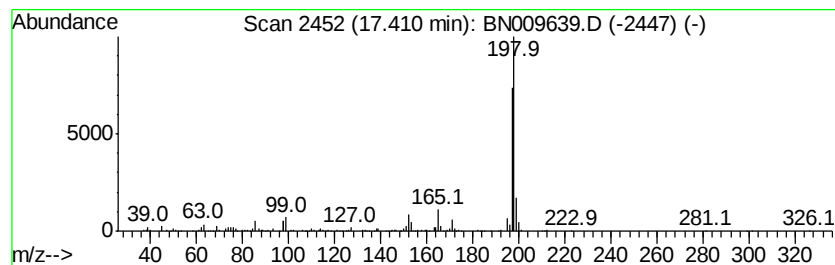
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Dibenzothiophene, 4-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.41	4.17 ng/ul	512076	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	95
2			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
4			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	89
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
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Operator : CG/JU
Sample : L1324-19 10X
Misc :
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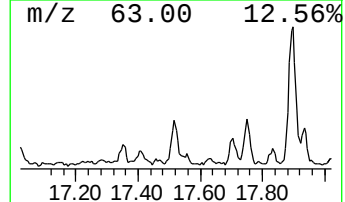
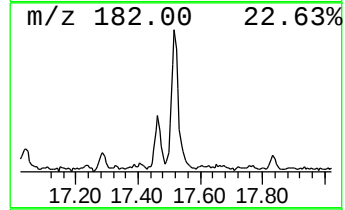
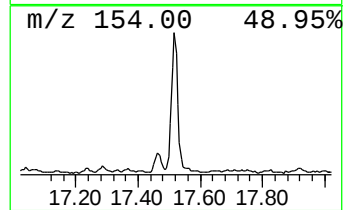
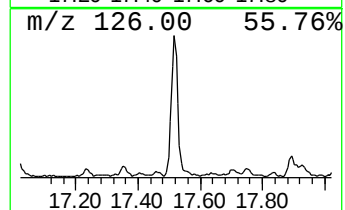
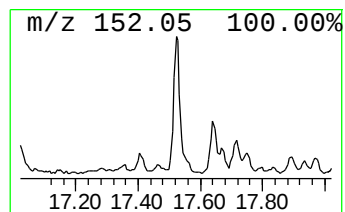
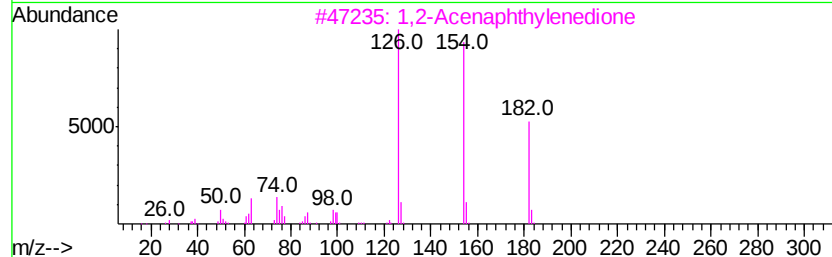
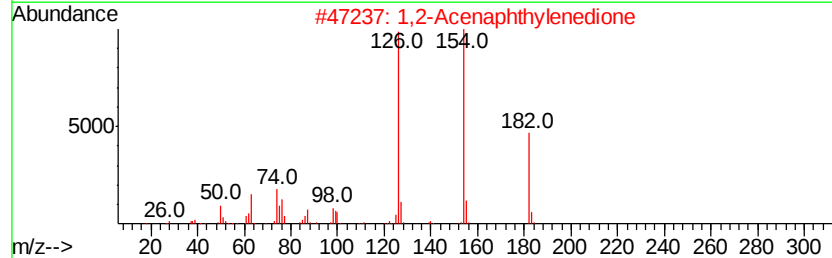
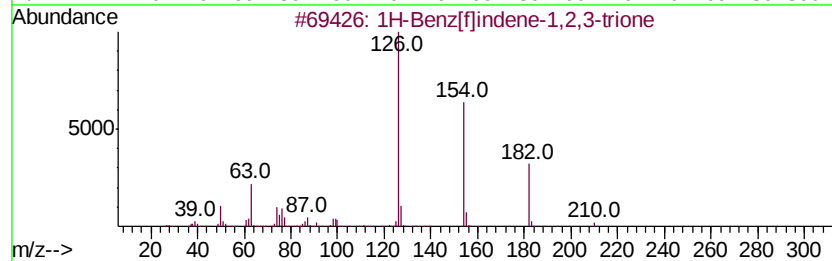
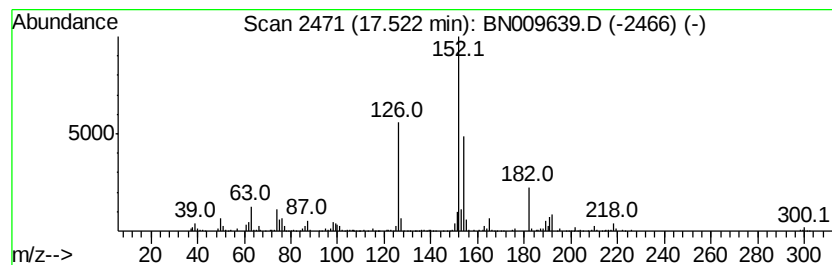
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 1H-Benz[f]indene-1,2,3-trione Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.52	4.88 ng/ul	599603	Phenanthrene-d10		16.83	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Benz[flindene-1,2,3-trione	210	C13H6O3	020927-01-9	97
2		1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	95
3		1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	95
4		1,2-Acenaphthylenedione	182	C12H6O2	000082-86-0	91
5		Biphenylene	152	C12H8	000259-79-0	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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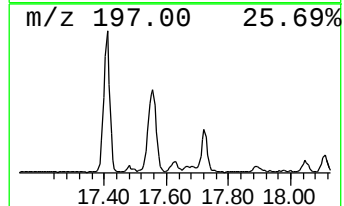
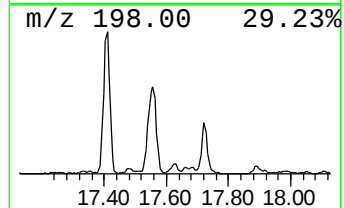
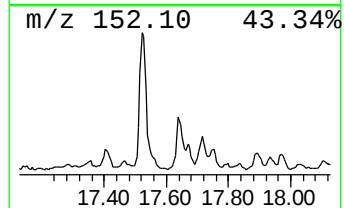
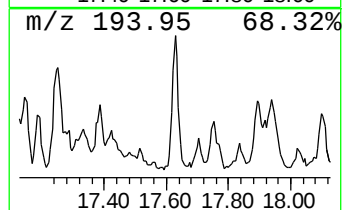
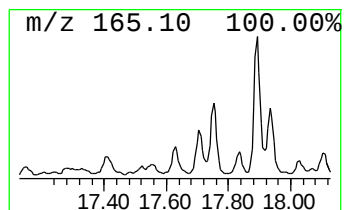
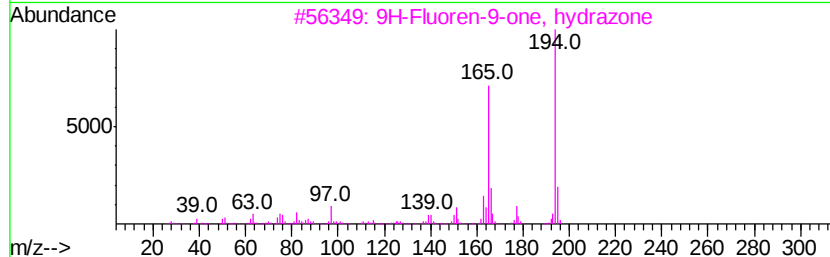
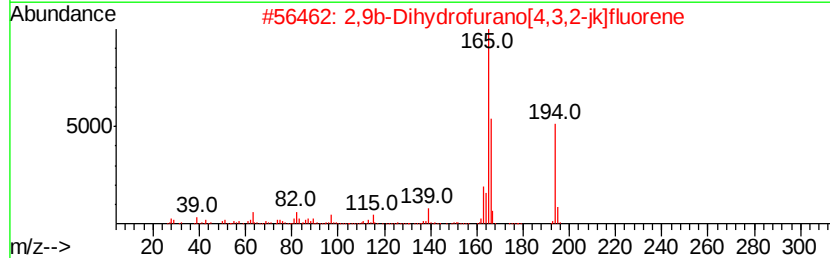
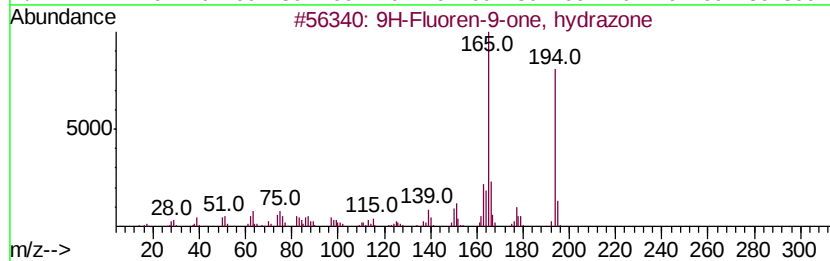
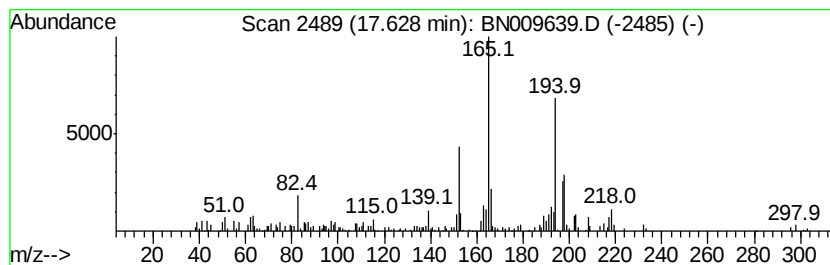
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown-01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.63	3.06 ng/ul	375871	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one, hvdrazone	194	C13H10N2	013629-22-6	41
2			2,9b-Dihydrofurano[4,3,2-ik]fluo...	194	C14H10O	204396-15-6	41
3			9H-Fluoren-9-one, hvdrazone	194	C13H10N2	013629-22-6	41
4			Anthrone	194	C14H10O	000090-44-8	41
5			1-Phenanthrenol	194	C14H10O	002433-56-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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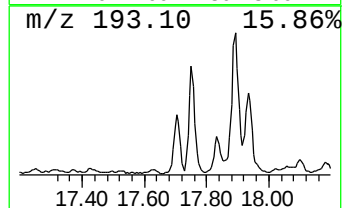
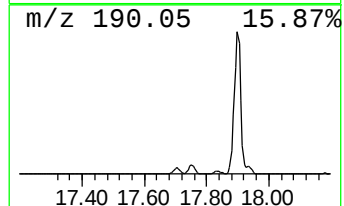
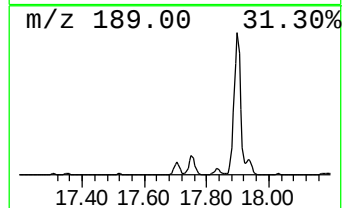
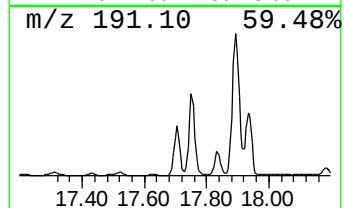
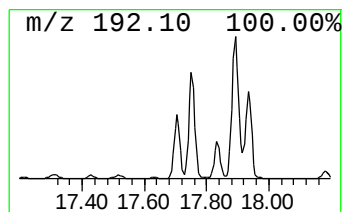
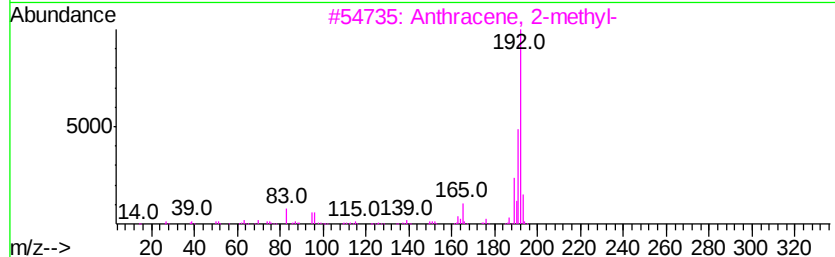
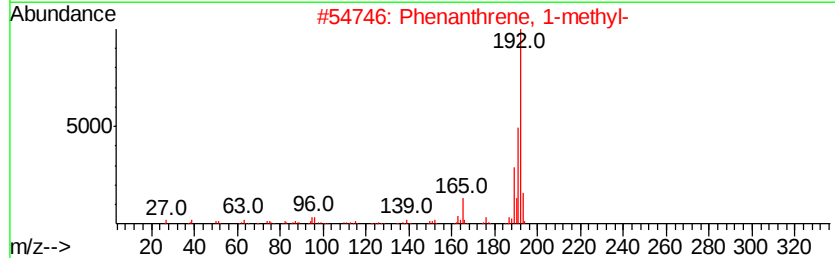
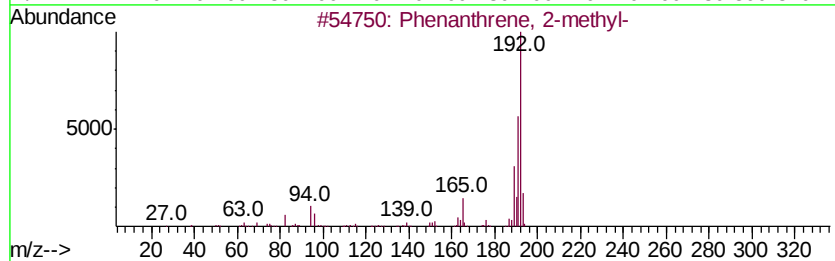
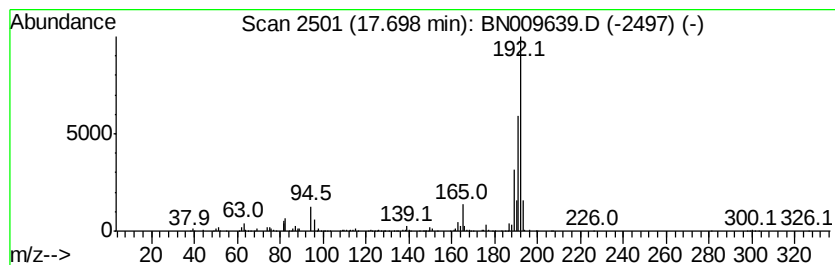
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	9.76 ng/ul	1198980	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

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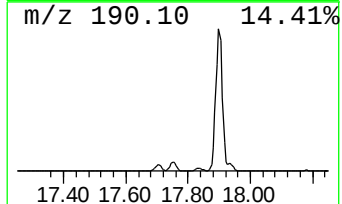
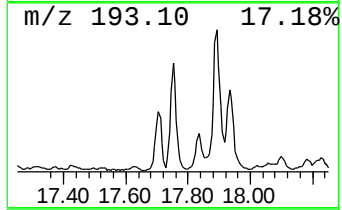
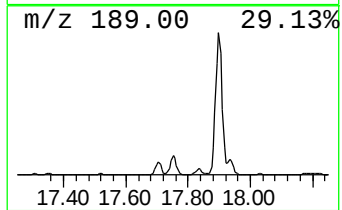
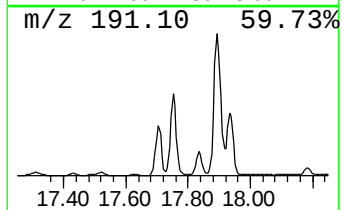
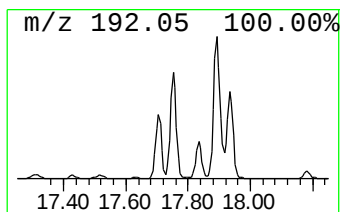
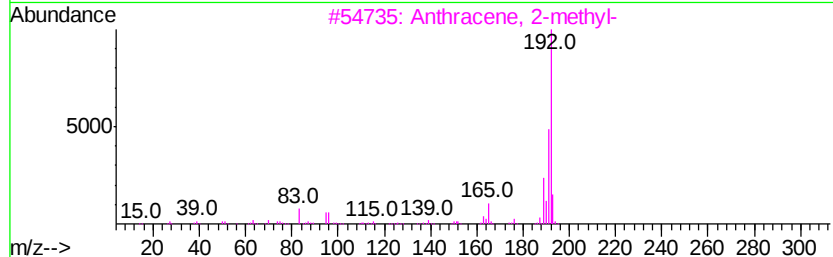
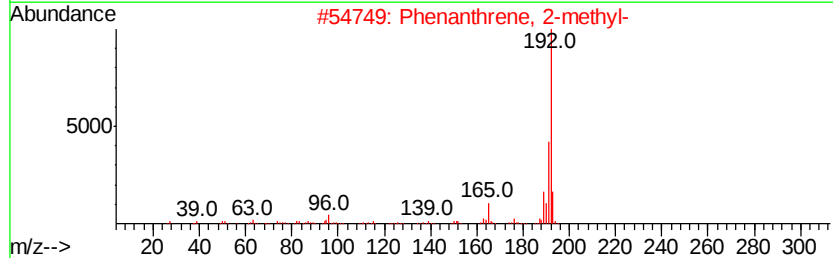
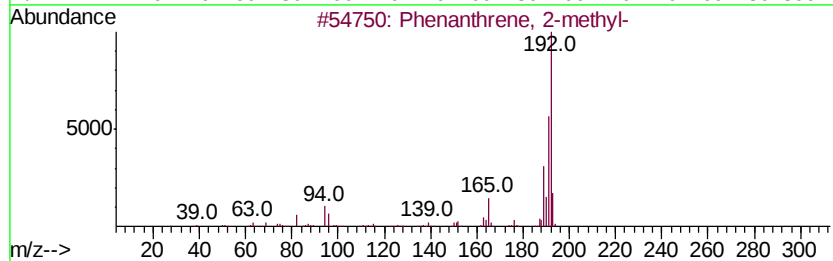
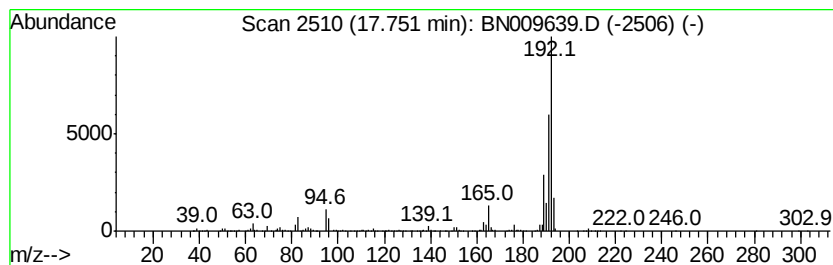
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	15.03 ng/ul	1846890	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



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Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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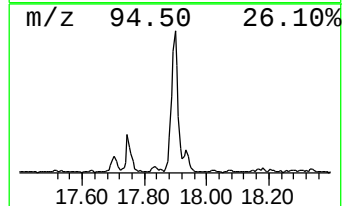
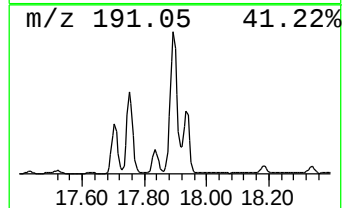
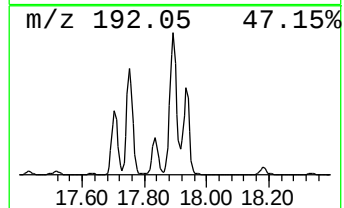
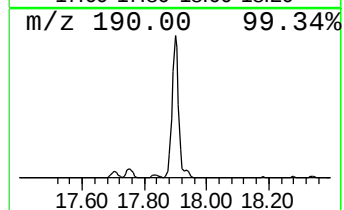
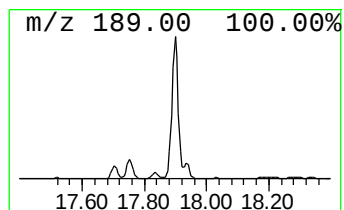
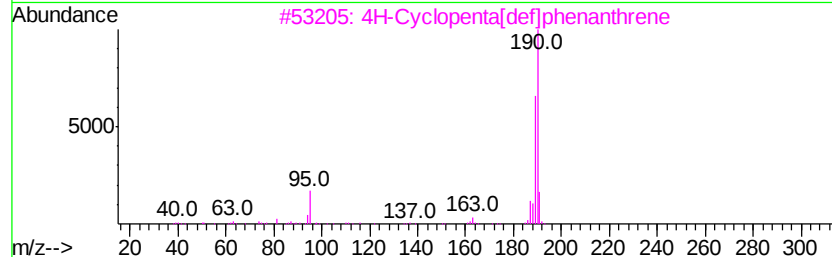
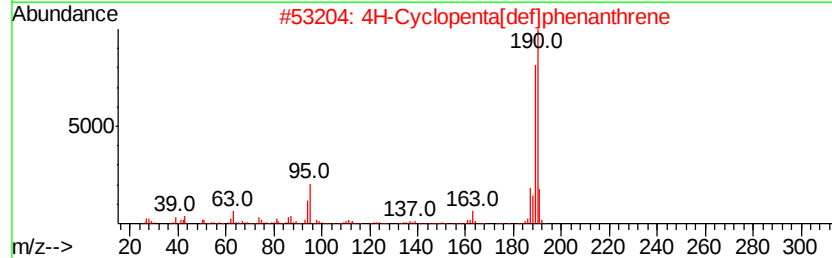
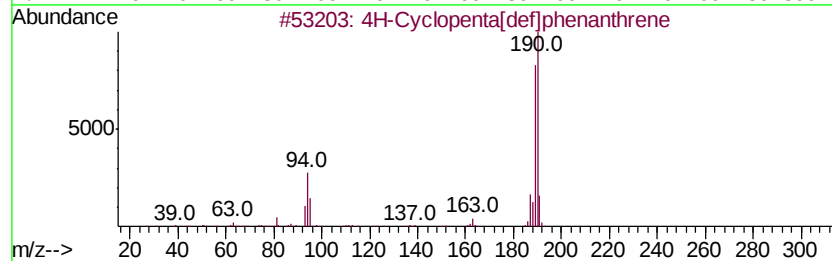
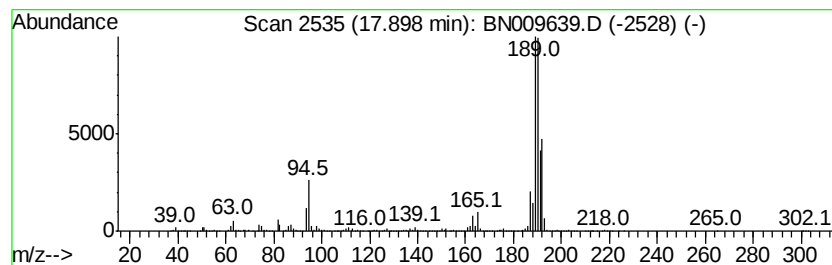
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	52.98 ng/ul	6508430	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	42
5		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
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Instrument :
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ClientSampleId :
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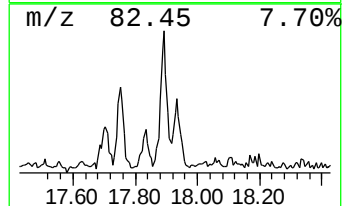
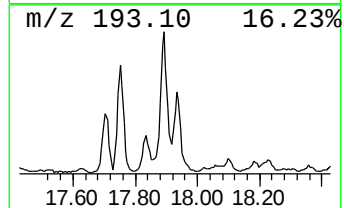
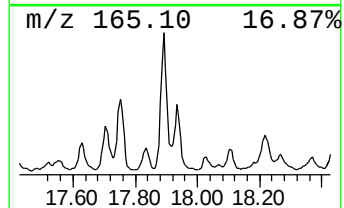
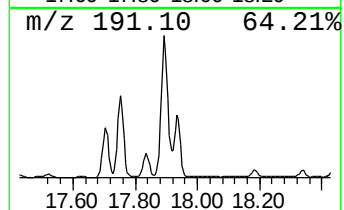
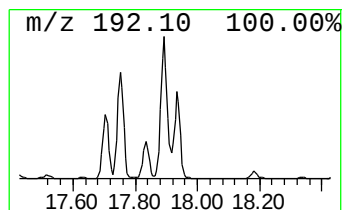
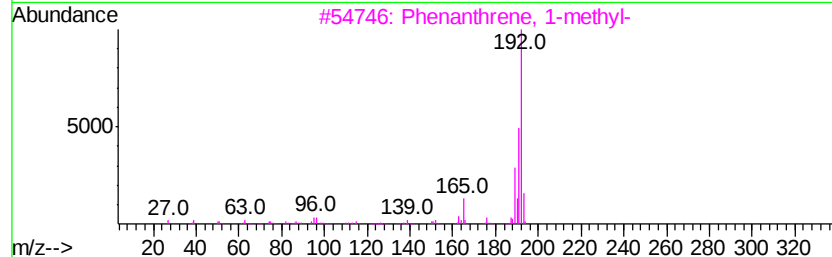
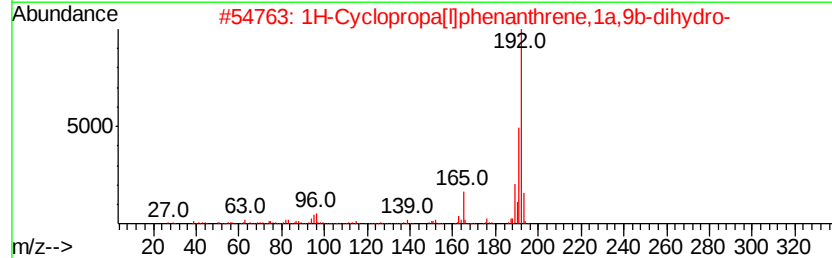
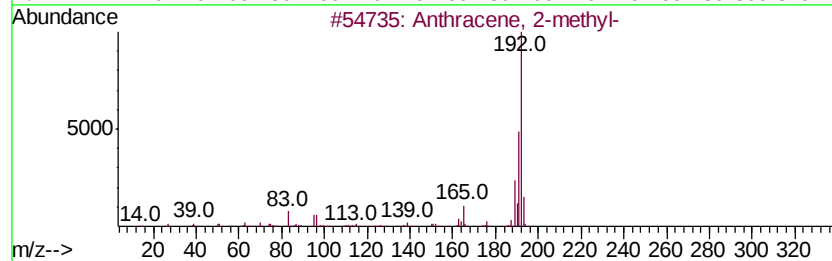
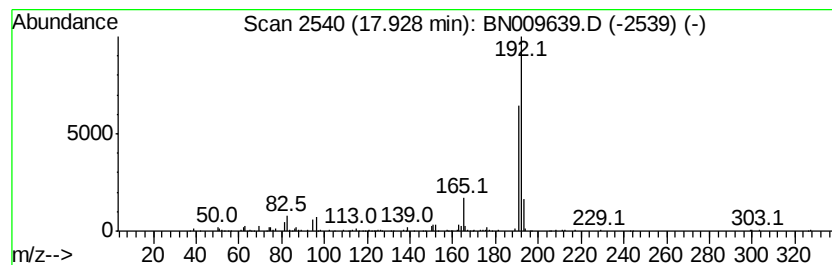
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	10.75 ng/ul	1320860	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Misc :
ALS Vial : 34 Sample Multiplier: 1

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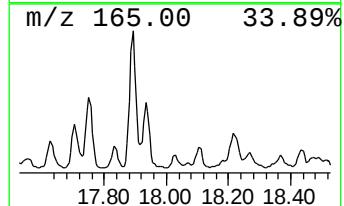
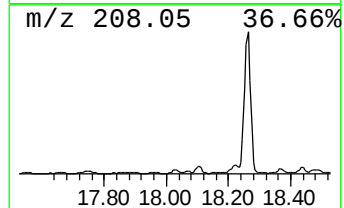
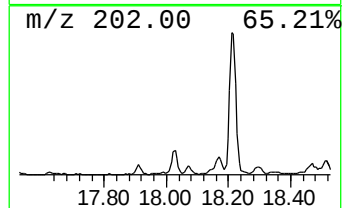
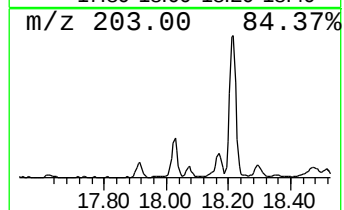
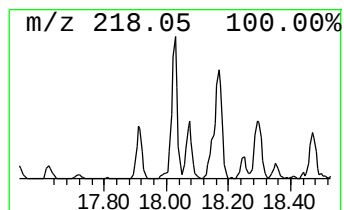
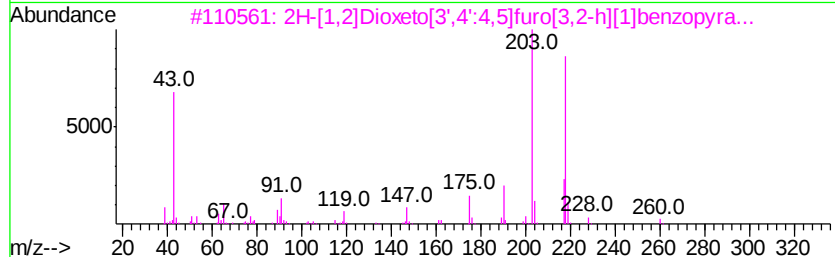
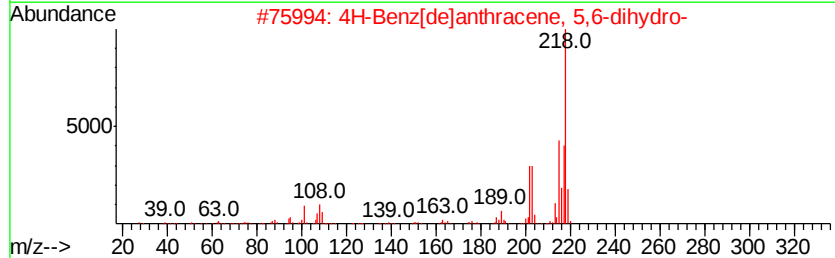
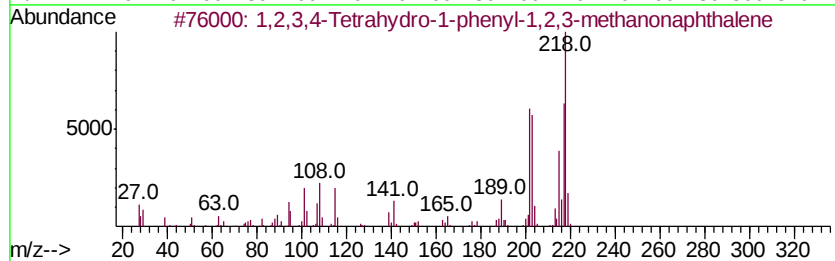
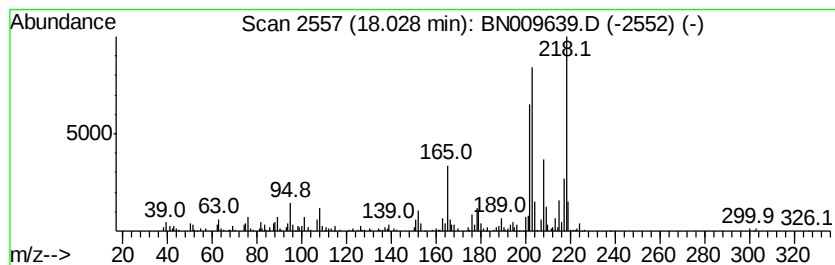
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 1,2,3,4-Tetrahydro-1-phenyl... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.79 ng/ul	342956	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	58
2			4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	58
3			2H-[1,2]Dioxeto[3',4':4,5]furo[3...	260	C14H12O5	129833-00-7	50
4			5H-Oxazolo[3,2-a]pyridine-8-carb...	218	C12H14N2O2	1000337-58-3	47
5			3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	47



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Acq On : 07 Feb 2020 09:35
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Misc :
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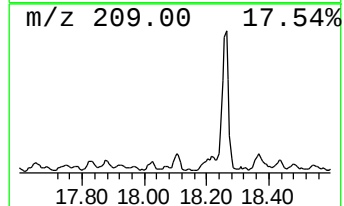
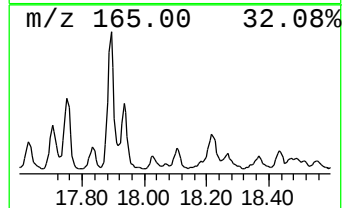
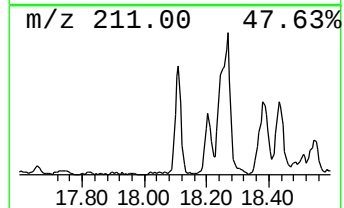
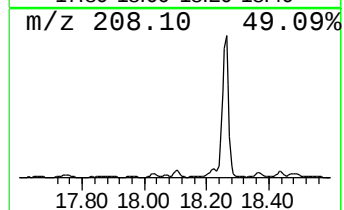
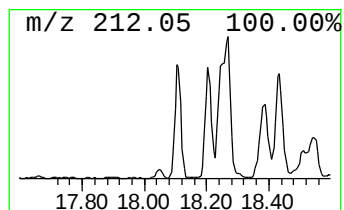
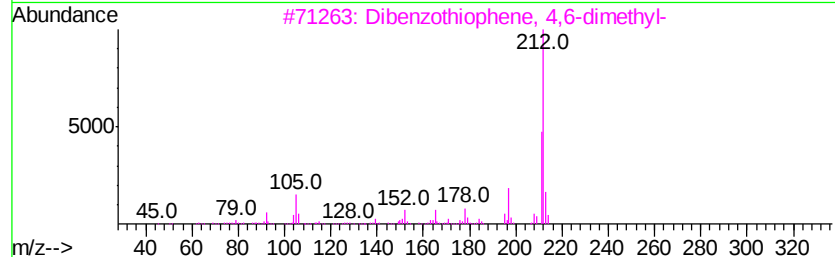
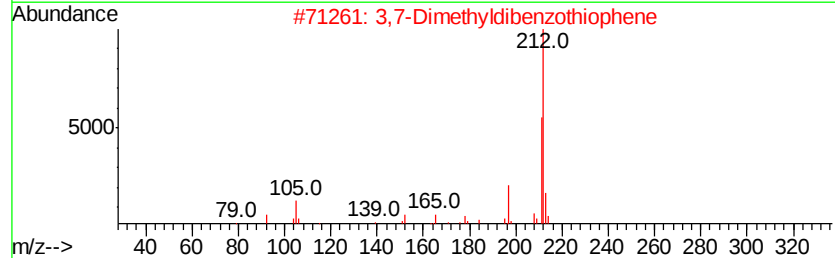
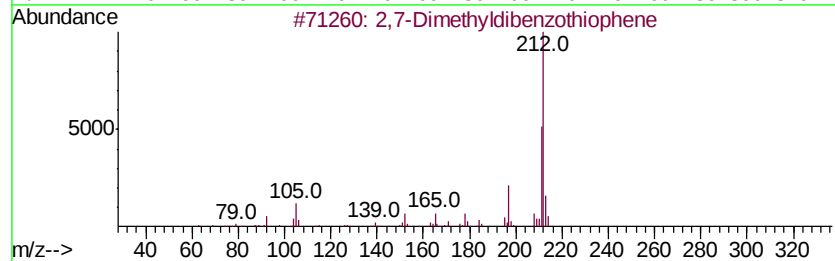
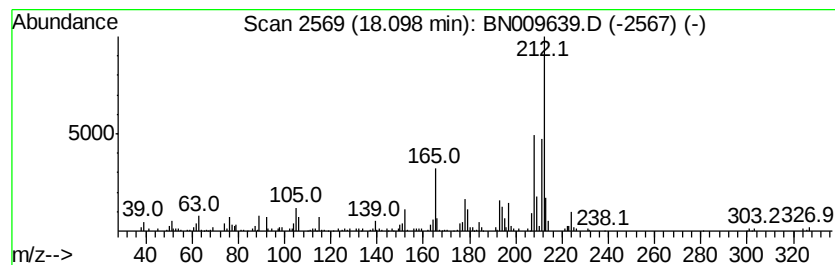
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 2,7-Dimethyldibenzothiophene Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	2.72 ng/ul	334264	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	96
2		3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	96
3		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	93
4		2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	86
5		2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	83



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Acq On : 07 Feb 2020 09:35
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ALS Vial : 34 Sample Multiplier: 1

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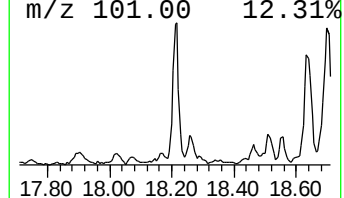
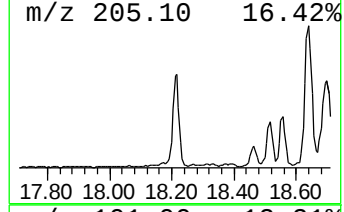
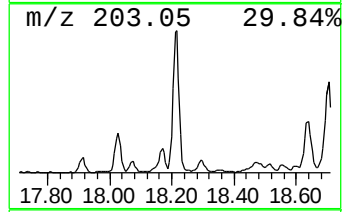
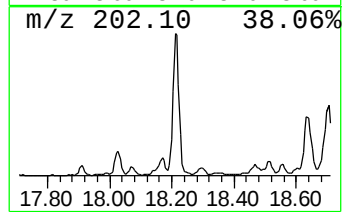
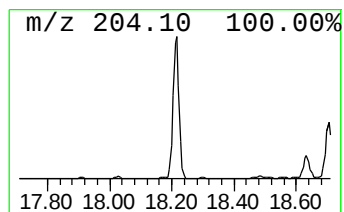
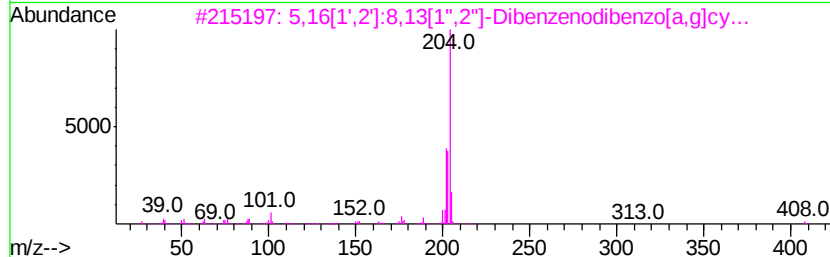
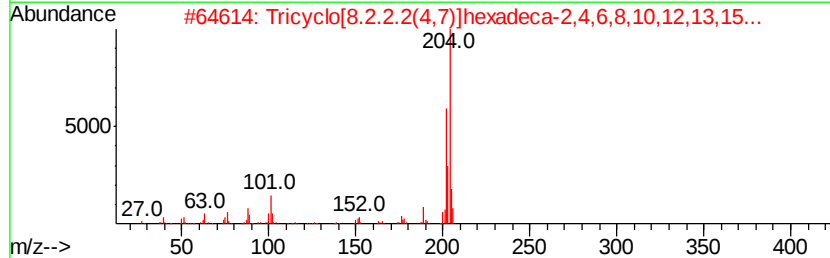
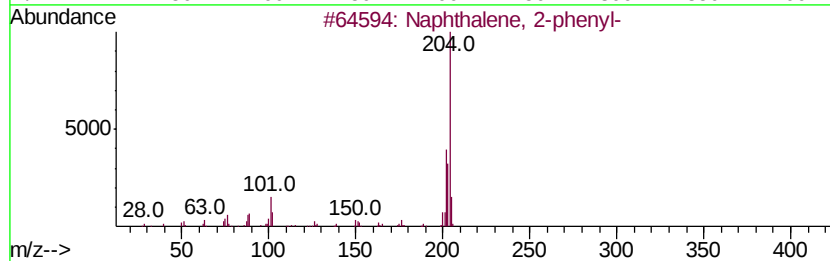
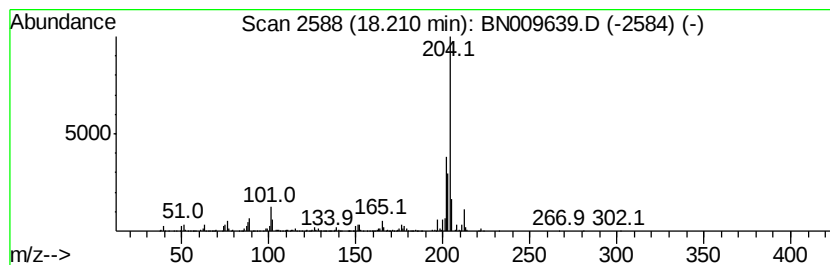
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.21	14.29 ng/ul	1756190	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
3		5,16[1',2']8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	80
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



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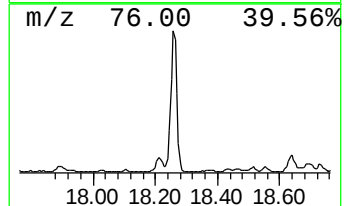
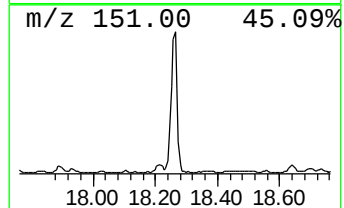
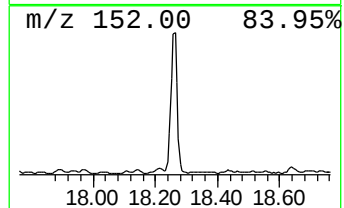
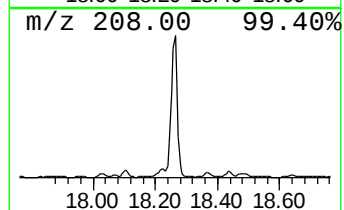
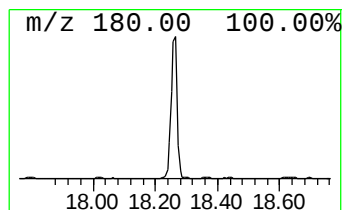
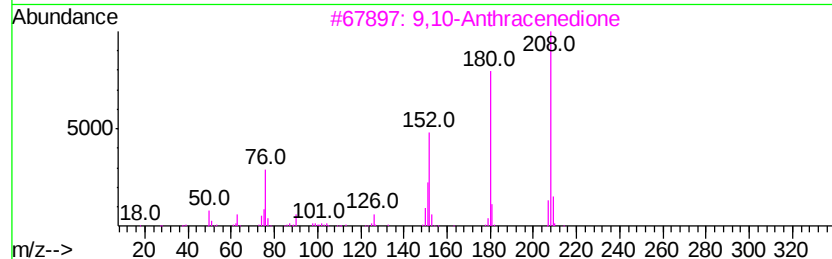
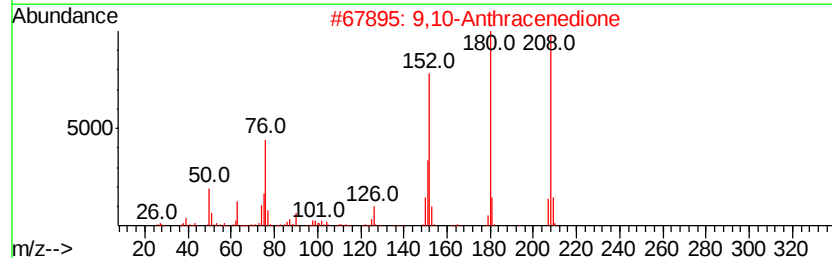
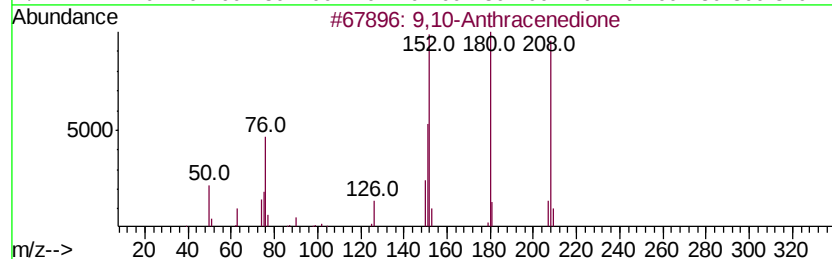
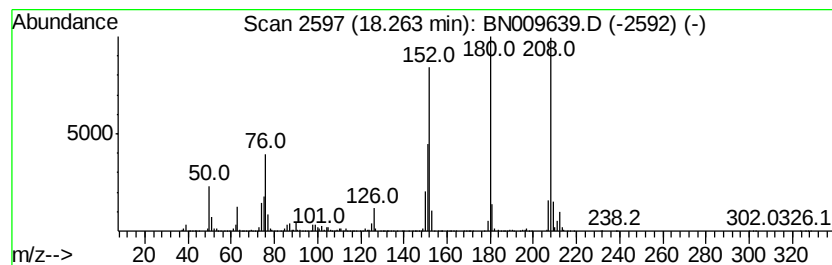
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	34.67 ng/ul	4259950	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
5		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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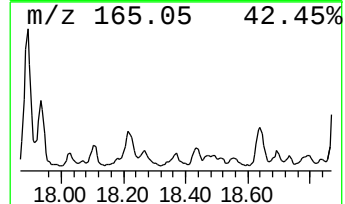
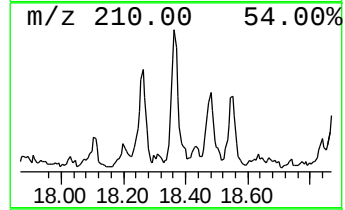
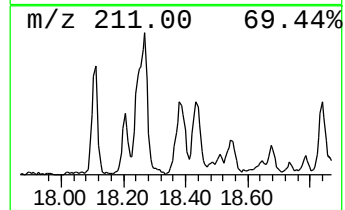
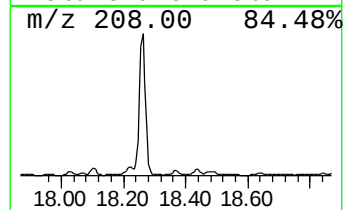
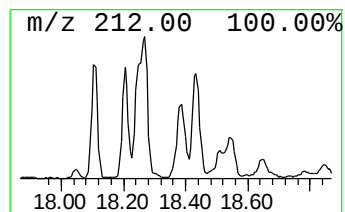
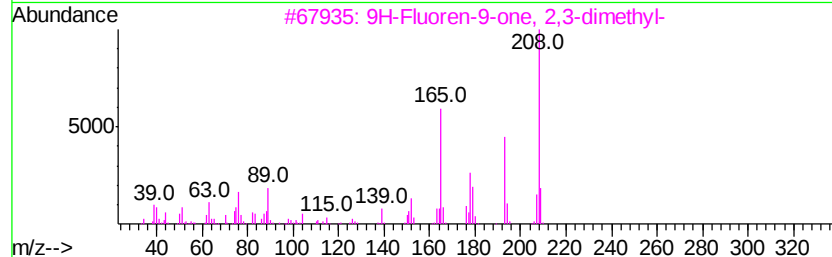
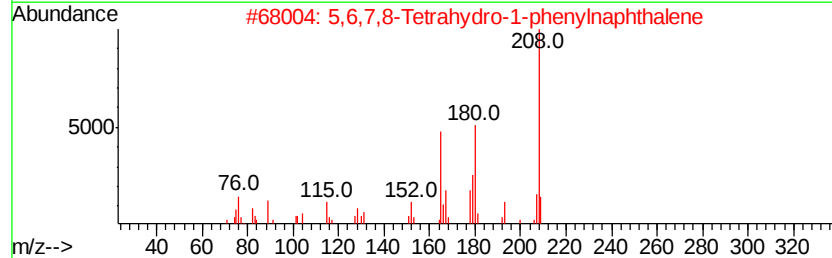
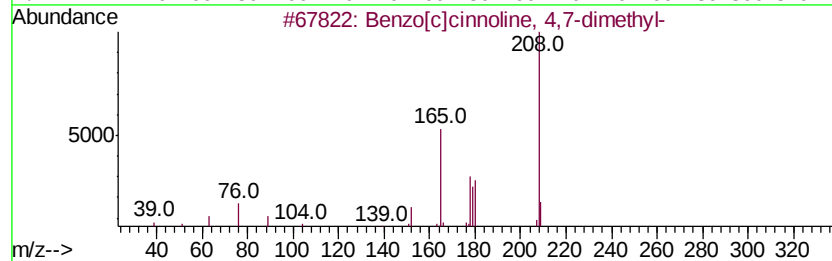
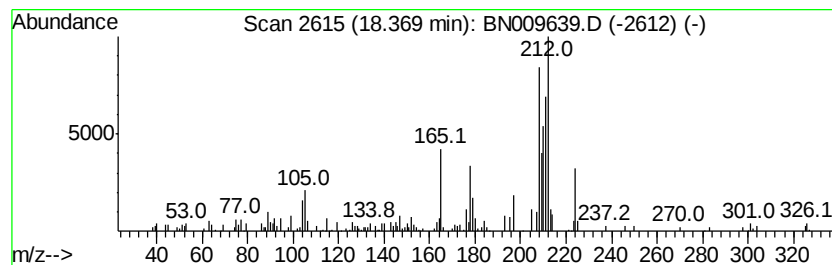
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 unknown-02 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.78 ng/ul	341937	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline, 4,7-dimethyl-	208	C14H12N2	020684-54-2	38
2			5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	30
3			9H-Fluoren-9-one, 2,3-dimethyl-	208	C15H12O	004627-17-2	25
4			Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	25
5			3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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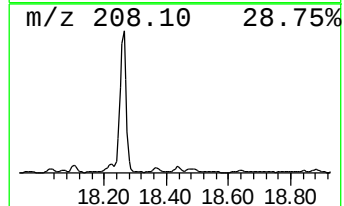
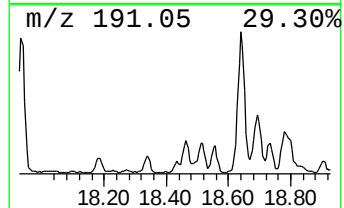
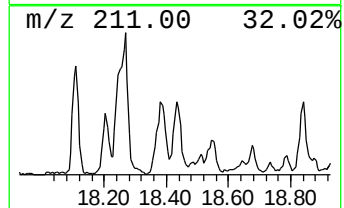
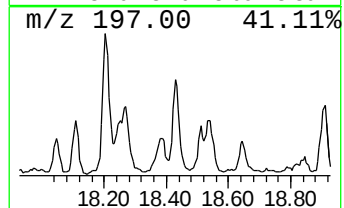
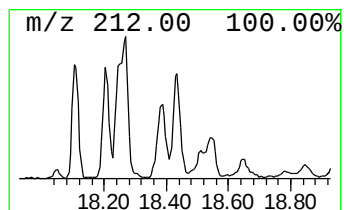
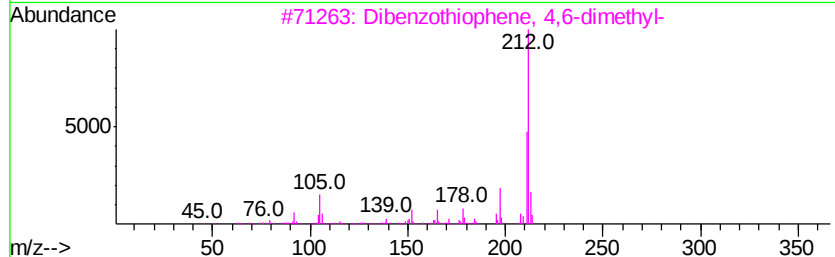
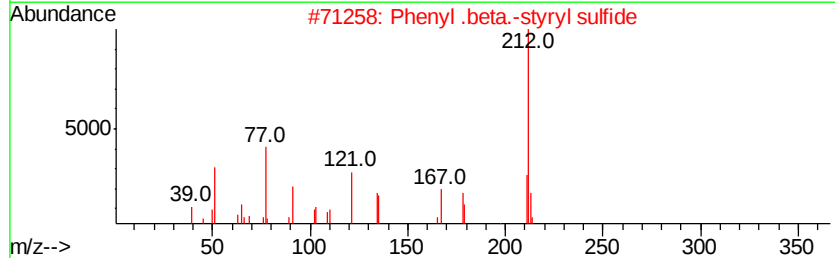
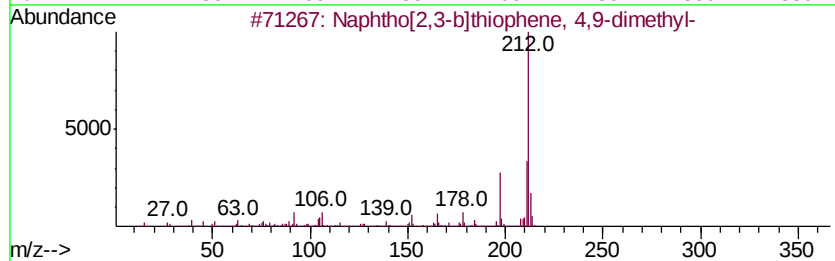
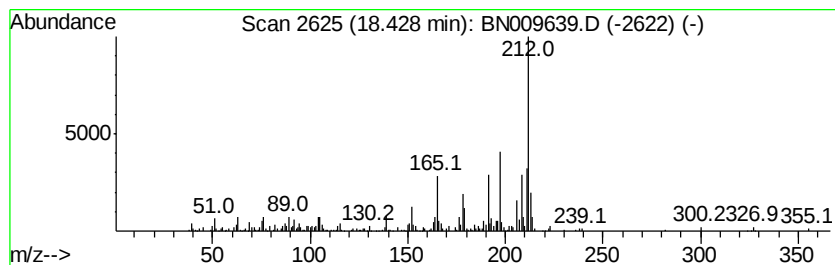
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 unknown-03 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	3.27 ng/ul	401747	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphtho[2,3-b]thiophene, 4,9-dim...	212	C14H12S	016587-34-1	49
2		Phenyl .beta.-styrly sulfide	212	C14H12S	016619-61-7	46
3		Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	43
4		3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	43
5		2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT74

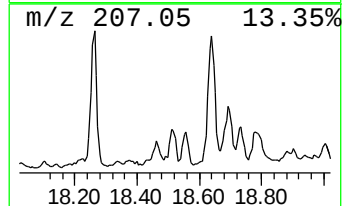
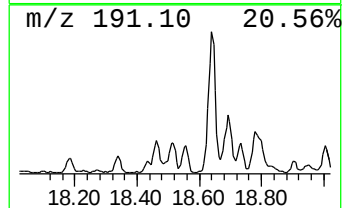
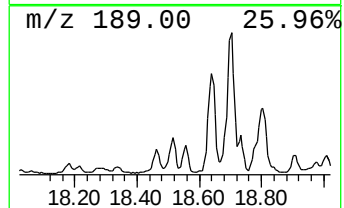
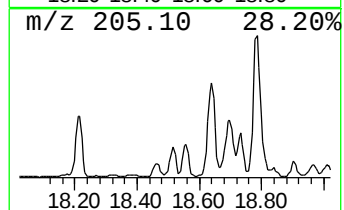
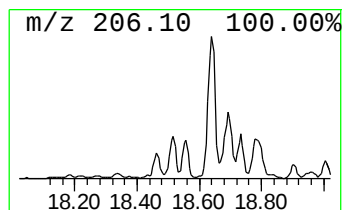
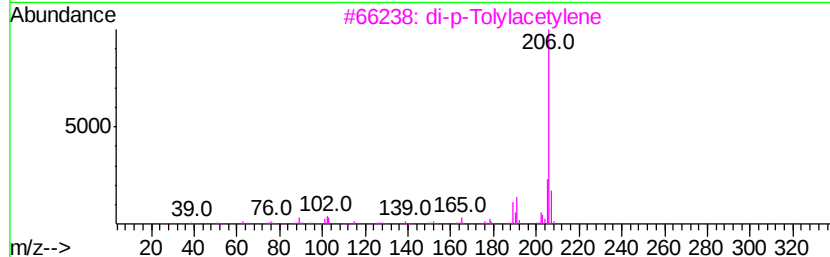
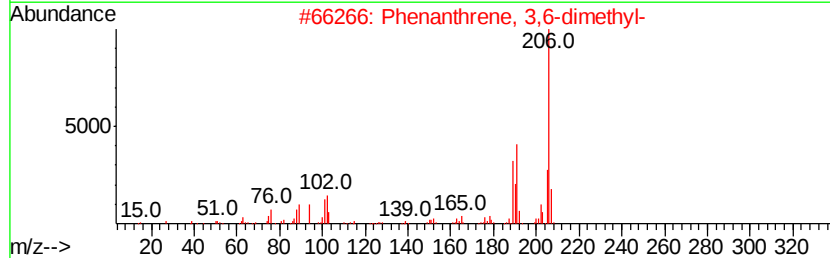
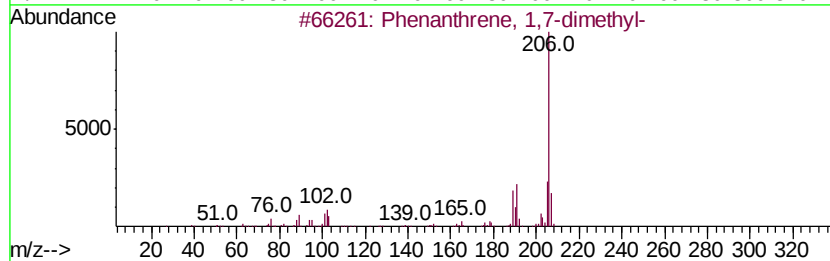
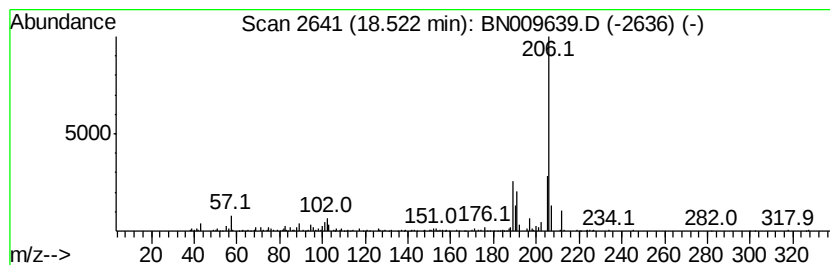
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 1,7-dimethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.03 ng/ul	372802	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3		di-p-Tolylacetvlene	206	C16H14	002789-88-0	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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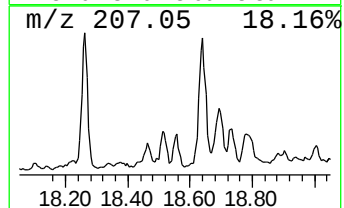
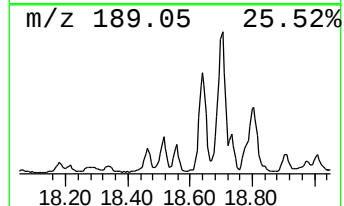
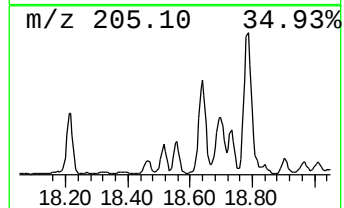
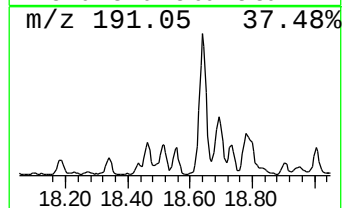
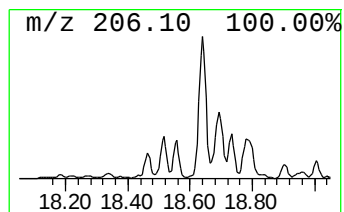
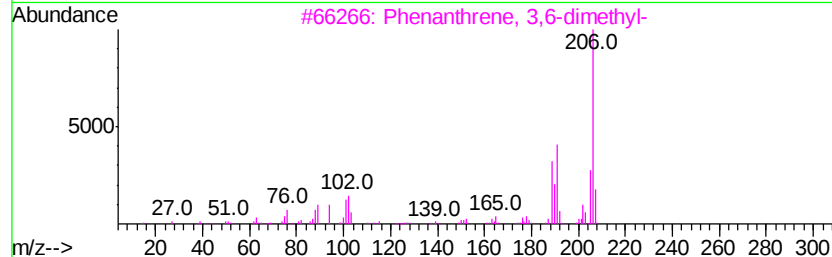
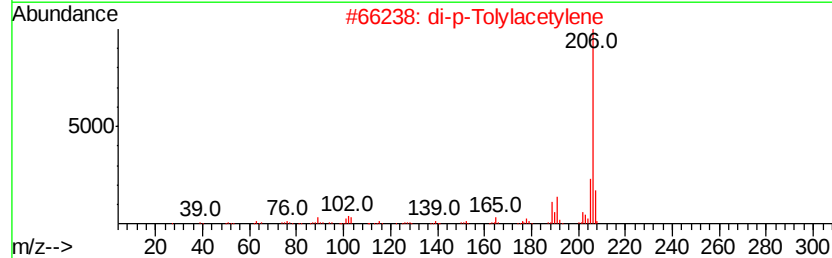
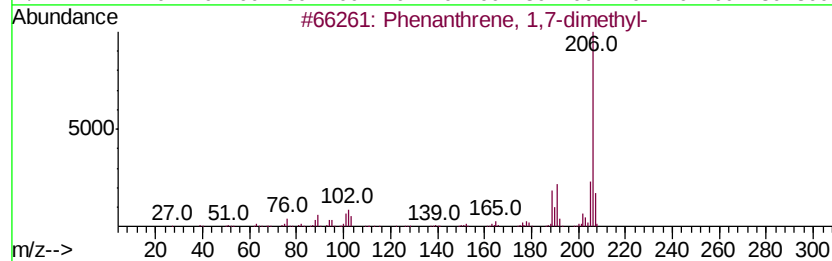
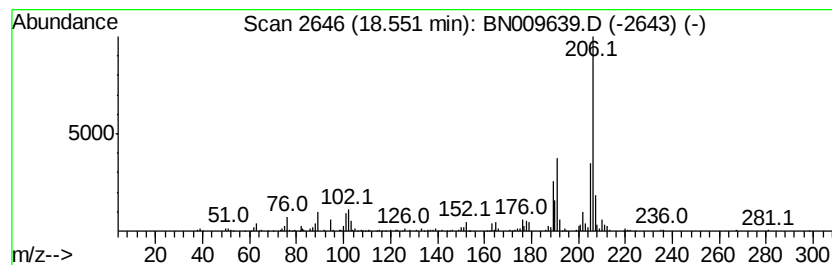
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 di-p-Tolylacetylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.55	4.53 ng/ul	556788	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	92



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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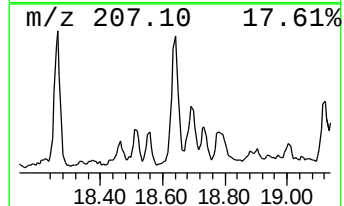
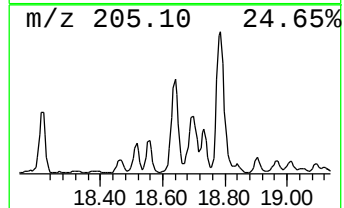
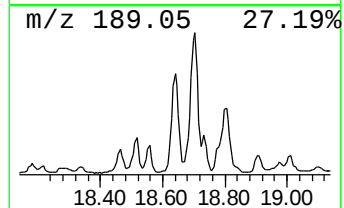
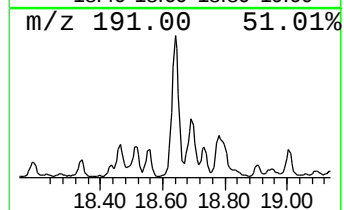
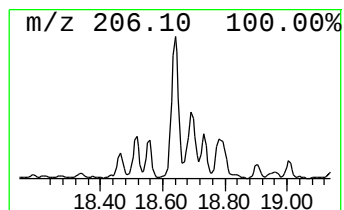
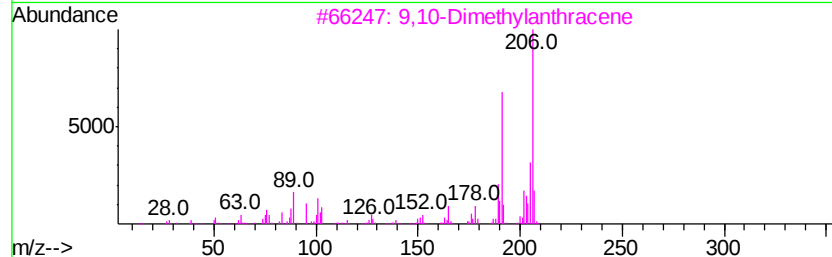
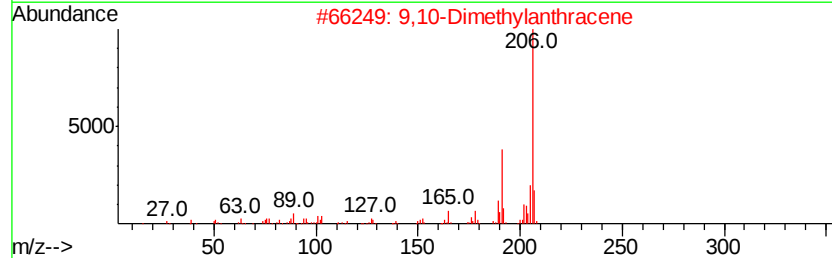
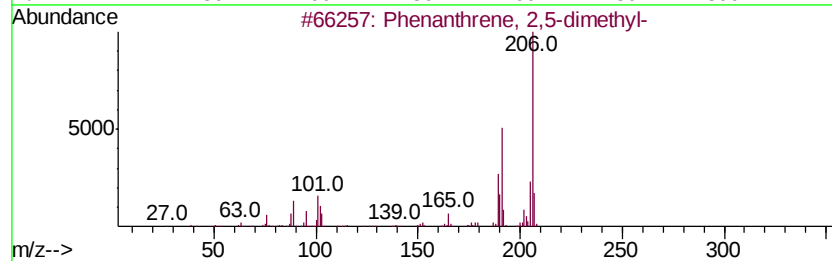
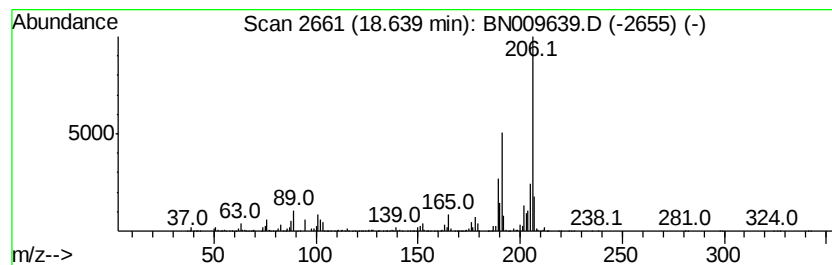
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	21.06 ng/ul	2587620	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	96
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
4		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
5		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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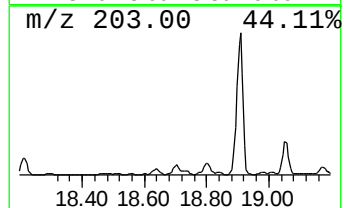
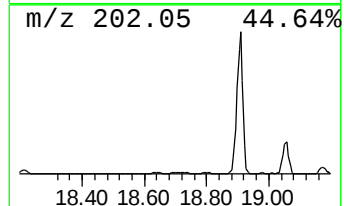
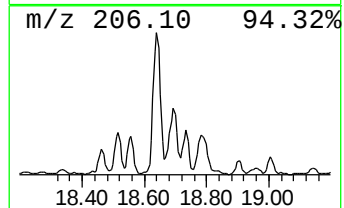
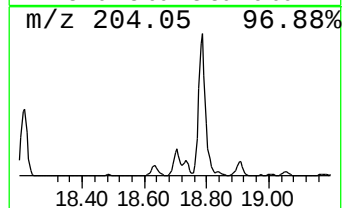
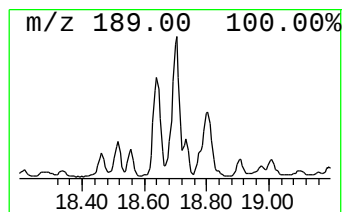
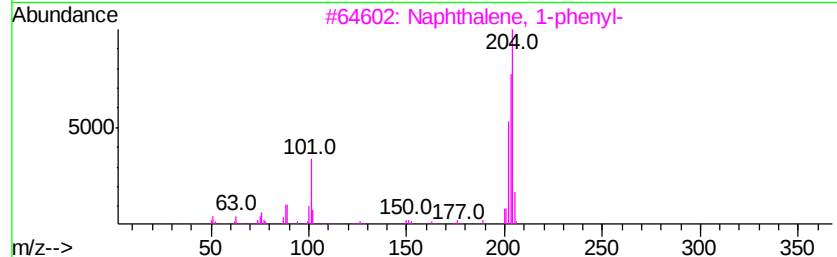
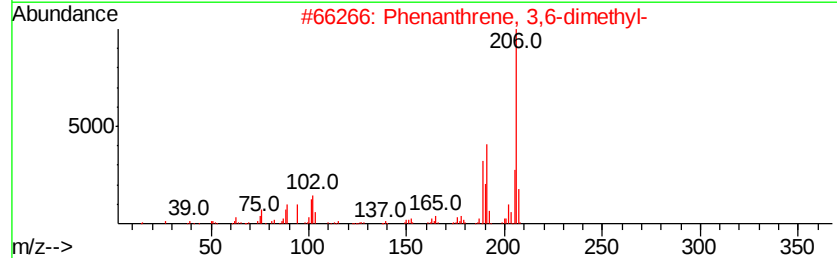
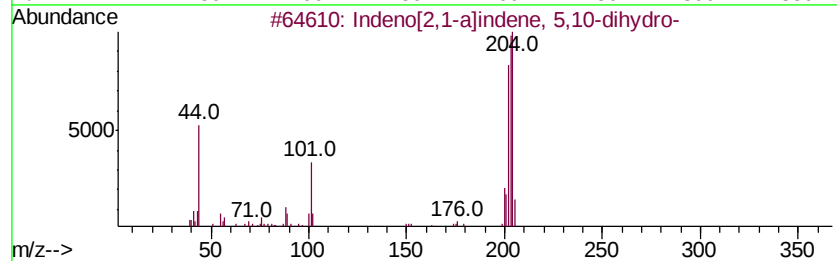
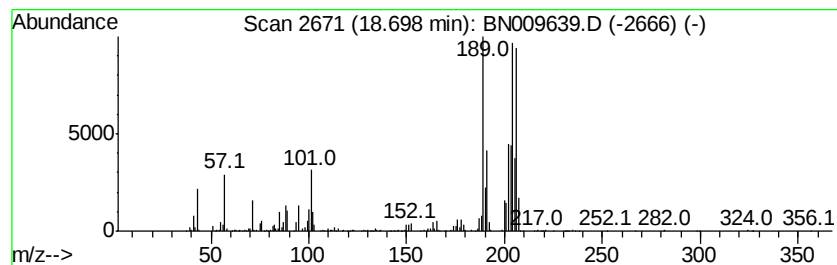
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	14.11 ng/ul	1732970	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	42
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	41
4		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
5		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
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Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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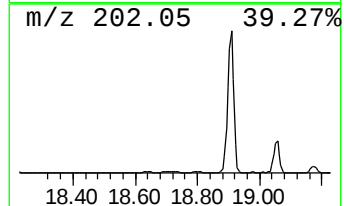
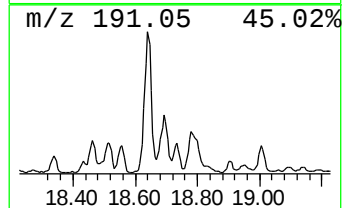
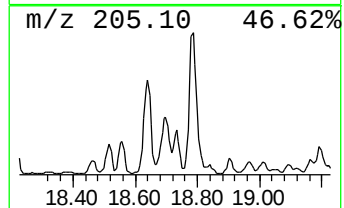
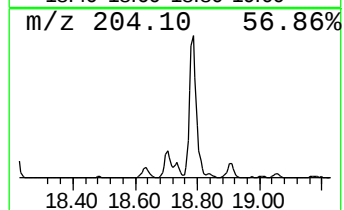
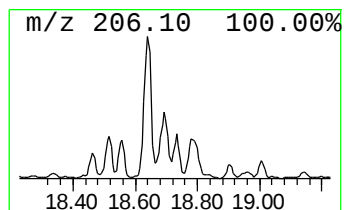
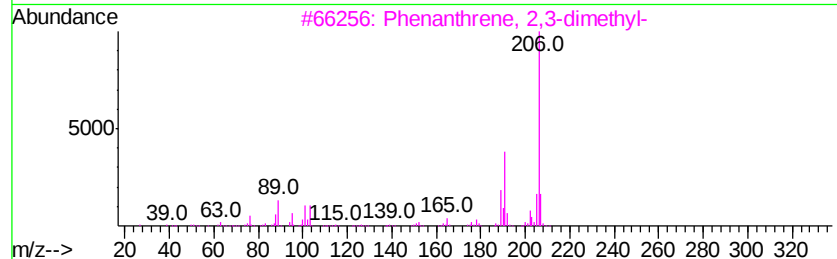
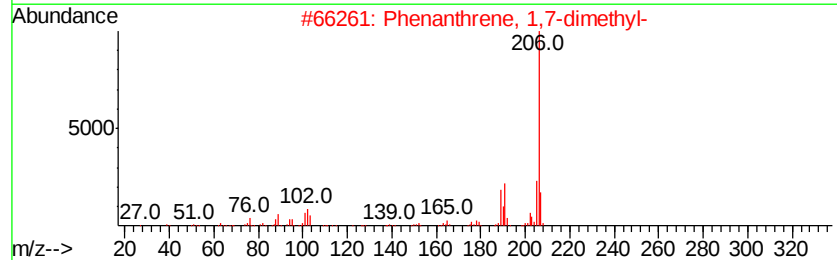
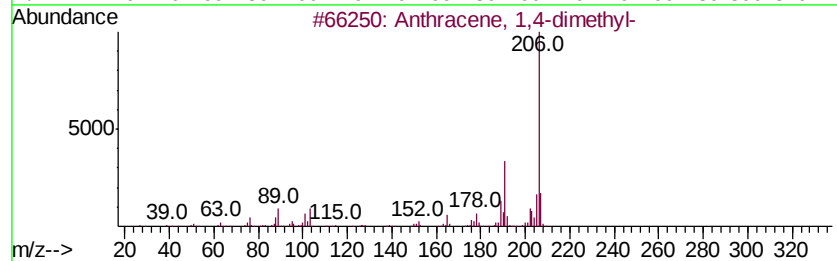
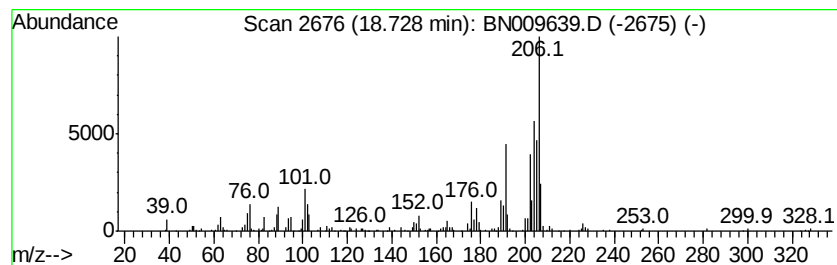
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 Anthracene, 1,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	4.51 ng/ul	554108	Phenanthrene-d10	16.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	92
4			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
 Data File : BN009639.D
 Acq On : 07 Feb 2020 09:35
 Operator : CG/JU
 Sample : L1324-19 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAT74

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
Naphthalene, 1-me...	11.71	3.4	ng/ul	313340	2	10.18	1843210	20.0
Naphthalene, 2,3-...	13.62	3.0	ng/ul	349229	3	14.07	2356960	20.0
(DEL) Alkane: Str...	14.00	3.0	ng/ul	356175	3	14.07	2356960	20.0
Naphthalene, 1,6,...	14.70	5.3	ng/ul	629983	3	14.07	2356960	20.0
1H-Phenylene	14.96	6.5	ng/ul	762318	3	14.07	2356960	20.0
1-Isopropenyl naph...	15.26	4.8	ng/ul	565461	3	14.07	2356960	20.0
(DEL) Alkane: Str...	15.83	6.1	ng/ul	752724	4	16.83	2457150	20.0
9H-Fluorene, 1-me...	16.14	4.0	ng/ul	491899	4	16.83	2457150	20.0
9H-Fluorene, 9-me...	16.29	2.5	ng/ul	305052	4	16.83	2457150	20.0
(DEL) Alkane: Str...	16.62	4.8	ng/ul	586227	4	16.83	2457150	20.0
Benzo[h]cinnoline	17.02	3.3	ng/ul	405846	4	16.83	2457150	20.0
Naphthalene, 1-ph...	17.36	9.5	ng/ul	1168540	4	16.83	2457150	20.0
Dibenzothiophene,...	17.41	4.2	ng/ul	512076	4	16.83	2457150	20.0
1H-Benz[f]indene-...	17.52	4.9	ng/ul	599603	4	16.83	2457150	20.0
unknown-01	17.63	3.1	ng/ul	375871	4	16.83	2457150	20.0
Phenanthrene, 2-m...	17.70	9.8	ng/ul	1198980	4	16.83	2457150	20.0
Phenanthrene, 1-m...	17.75	15.0	ng/ul	1846890	4	16.83	2457150	20.0
4H-Cyclopenta[def...	17.90	53.0	ng/ul	6508430	4	16.83	2457150	20.0
Anthracene, 2-met...	17.93	10.8	ng/ul	1320860	4	16.83	2457150	20.0
1,2,3,4-Tetrahydr...	18.03	2.8	ng/ul	342956	4	16.83	2457150	20.0
2,7-Dimethyldiben...	18.10	2.7	ng/ul	334264	4	16.83	2457150	20.0
Tricyclo[8.2.2.2(...	18.21	14.3	ng/ul	1756190	4	16.83	2457150	20.0
9,10-Anthracenedione	18.26	34.7	ng/ul	4259950	4	16.83	2457150	20.0
unknown-02	18.37	2.8	ng/ul	341937	4	16.83	2457150	20.0
unknown-03	18.43	3.3	ng/ul	401747	4	16.83	2457150	20.0
Phenanthrene, 1,7...	18.52	3.0	ng/ul	372802	4	16.83	2457150	20.0
di-p-Tolylacetylene	18.55	4.5	ng/ul	556788	4	16.83	2457150	20.0
Phenanthrene, 2,5...	18.64	21.1	ng/ul	2587620	4	16.83	2457150	20.0
unknown-04	18.70	14.1	ng/ul	1732970	4	16.83	2457150	20.0
Anthracene, 1,4-d...	18.73	4.5	ng/ul	554108	4	16.83	2457150	20.0