

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
 Data File : BN005235.D
 Acq On : 24 Apr 2019 03:40
 Operator : JU/SJ
 Sample : K2402-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9DL

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.775	638	644	652	rVV	279845	458774	3.57%	0.297%
2	6.946	666	673	684	rVV	216996	345002	2.69%	0.224%
3	7.134	699	705	712	rBV	288292	445390	3.47%	0.289%
4	7.599	776	784	792	rBV	2002610	3106790	24.20%	2.014%
5	8.293	896	902	912	rBV	331907	552704	4.31%	0.358%
6	8.740	972	978	984	rVB	257051	423176	3.30%	0.274%
7	9.981	1185	1189	1199	rVB	343467	600281	4.68%	0.389%
8	10.357	1244	1253	1259	rBV	2707526	4641322	36.16%	3.009%
9	10.410	1259	1262	1271	rVV	291091	451084	3.51%	0.292%
10	11.810	1494	1500	1505	rVV	255080	447716	3.49%	0.290%
11	11.881	1506	1512	1520	rVV2	201359	546460	4.26%	0.354%
12	12.028	1531	1537	1546	rVB	682052	1145964	8.93%	0.743%
13	12.251	1569	1575	1581	rBV	393195	629372	4.90%	0.408%
14	13.075	1707	1715	1723	rBV	616223	937971	7.31%	0.608%
15	13.198	1727	1736	1741	rBV5	128801	332793	2.59%	0.216%
16	13.387	1764	1768	1776	rVB	288308	653737	5.09%	0.424%
17	13.551	1791	1796	1801	rVB2	331524	516517	4.02%	0.335%
18	13.645	1808	1812	1815	rVV	661920	927037	7.22%	0.601%
19	13.687	1815	1819	1824	rVV2	641986	1100298	8.57%	0.713%
20	13.787	1832	1836	1840	rBV	259183	352595	2.75%	0.229%
21	13.922	1853	1859	1860	rBV	661136	927929	7.23%	0.602%
22	13.951	1860	1864	1873	rVB	1342997	2068005	16.11%	1.341%
23	14.163	1894	1900	1904	rBV	692191	885653	6.90%	0.574%
24	14.234	1905	1912	1919	rVV2	3707585	5691401	44.34%	3.690%
25	14.440	1942	1947	1955	rVB2	198428	417322	3.25%	0.271%
26	14.640	1977	1981	1989	rVB	210113	397841	3.10%	0.258%
27	14.716	1989	1994	1998	rVB	387041	548908	4.28%	0.356%
28	14.845	2010	2016	2022	rBV3	429903	1012435	7.89%	0.656%
29	15.116	2056	2062	2067	rVB2	655745	1014855	7.91%	0.658%
30	15.228	2077	2081	2086	rVB	1084613	1512501	11.78%	0.981%
31	15.410	2108	2112	2120	rVB2	282472	425202	3.31%	0.276%
32	15.981	2202	2209	2213	rBV3	562807	1041811	8.12%	0.675%
33	16.292	2256	2262	2267	rVV4	292407	728285	5.67%	0.472%
34	16.345	2267	2271	2276	rVV2	432118	670037	5.22%	0.434%

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35	16.445	2284	2288	2294	rVB2	290772	451900	3.52%	0.293%
36	16.563	2304	2308	2313	rVB4	389802	599302	4.67%	0.389%
37	16.781	2341	2345	2350	rVV2	380761	521744	4.06%	0.338%
38	16.986	2374	2380	2384	rBV2	4396827	6164693	48.02%	3.997%
39	17.028	2384	2387	2392	rVV	930112	1307451	10.19%	0.848%
40	17.081	2392	2396	2399	rVV2	829441	1178265	9.18%	0.764%
41	17.116	2399	2402	2407	rVB	737040	982189	7.65%	0.637%
42	17.186	2408	2414	2419	rBV2	352268	729173	5.68%	0.473%
43	17.516	2466	2470	2475	rVV2	627534	794243	6.19%	0.515%
44	17.686	2496	2499	2509	rVB2	399899	797976	6.22%	0.517%
45	17.804	2512	2519	2523	rBV	231577	465577	3.63%	0.302%
46	17.863	2525	2529	2533	rVV	1112429	1537604	11.98%	0.997%
47	17.910	2533	2537	2544	rVB	1489624	2129146	16.59%	1.380%
48	17.992	2546	2551	2556	rBV	587900	869294	6.77%	0.564%
49	18.057	2556	2562	2566	rVV2	2424369	4212944	32.82%	2.732%
50	18.092	2566	2568	2574	rVB	816210	1078237	8.40%	0.699%
51	18.192	2580	2585	2587	rBV	306083	428650	3.34%	0.278%
52	18.333	2602	2609	2612	rBV3	318481	616421	4.80%	0.400%
53	18.375	2612	2616	2620	rVB	722737	948241	7.39%	0.615%
54	18.622	2655	2658	2662	rVV	439384	552761	4.31%	0.358%
55	18.675	2663	2667	2670	rVB	540079	680729	5.30%	0.441%
56	18.716	2670	2674	2678	rVB	464405	605789	4.72%	0.393%
57	18.798	2683	2688	2693	rBV2	1476119	2399139	18.69%	1.556%
58	18.857	2693	2698	2701	rBV2	1156074	1821073	14.19%	1.181%
59	18.886	2701	2703	2707	rVB	637103	745393	5.81%	0.483%
60	18.933	2707	2711	2714	rBV2	959981	1452698	11.32%	0.942%
61	19.063	2727	2733	2739	rVB2	4682978	6739166	52.50%	4.369%
62	19.133	2741	2745	2748	rVV	641812	852196	6.64%	0.553%
63	19.169	2748	2751	2754	rVV2	400714	595071	4.64%	0.386%
64	19.210	2754	2758	2763	rVV	1489382	1970595	15.35%	1.278%
65	19.263	2763	2767	2771	rVB2	284666	433369	3.38%	0.281%
66	19.328	2774	2778	2785	rVB	560469	1014455	7.90%	0.658%
67	19.427	2785	2795	2804	rBV	8179551	12836854	100.00%	8.323%
68	19.510	2806	2809	2815	rVB2	387863	648265	5.05%	0.420%
69	19.763	2847	2852	2862	rBV	1325876	2500128	19.48%	1.621%
70	19.845	2863	2866	2869	rVV2	259159	352939	2.75%	0.229%
71	19.904	2869	2876	2878	rVV4	1229875	2593450	20.20%	1.681%

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72	19.927	2878	2880	2885	rVB	1975632	2635803	20.53%	1.709%
73	19.998	2888	2892	2894	rVV4	217456	342287	2.67%	0.222%
74	20.033	2894	2898	2903	rVV	1575260	2155669	16.79%	1.398%
75	20.092	2903	2908	2912	rVV	1760121	2403977	18.73%	1.559%
76	20.186	2920	2924	2928	rVV4	300731	574379	4.47%	0.372%
77	20.233	2928	2932	2936	rVV	1325746	1891334	14.73%	1.226%
78	20.280	2936	2940	2948	rVB	1613173	2230334	17.37%	1.446%
79	20.539	2980	2984	2986	rBV2	349477	513767	4.00%	0.333%
80	20.657	2998	3004	3006	rBV2	456039	852855	6.64%	0.553%
81	20.827	3029	3033	3036	rBV4	305115	552874	4.31%	0.358%
82	20.898	3041	3045	3048	rVB	790259	869976	6.78%	0.564%
83	21.210	3092	3098	3103	rBV3	5473932	11207258	87.31%	7.266%
84	21.251	3103	3105	3112	rVB	2908529	3957180	30.83%	2.566%
85	21.392	3123	3129	3130	rBV3	267083	524360	4.08%	0.340%
86	21.416	3130	3133	3139	rVB3	585399	975399	7.60%	0.632%
87	21.716	3180	3184	3187	rBV2	372152	536265	4.18%	0.348%
88	21.769	3187	3193	3197	rVV	1530330	2149656	16.75%	1.394%
89	21.816	3198	3201	3205	rVB2	636010	751072	5.85%	0.487%
90	21.886	3209	3213	3215	rBV3	443904	664791	5.18%	0.431%
91	21.957	3222	3225	3228	rBV	528504	742741	5.79%	0.482%
92	21.992	3228	3231	3236	rVB	956803	1288260	10.04%	0.835%
93	22.063	3240	3243	3249	rVB3	368122	504662	3.93%	0.327%
94	22.769	3357	3363	3367	rBV2	1288294	3039100	23.67%	1.970%
95	22.933	3386	3391	3399	rVB	672085	1276861	9.95%	0.828%
96	23.227	3436	3441	3446	rBV	933437	1544396	12.03%	1.001%
97	23.274	3446	3449	3452	rVV2	334195	485380	3.78%	0.315%
98	23.321	3452	3457	3462	rVB	1668636	2732280	21.28%	1.772%
99	23.416	3467	3473	3479	rVV	2351546	4120882	32.10%	2.672%
100	25.592	3837	3843	3856	rVB3	724216	2147054	16.73%	1.392%

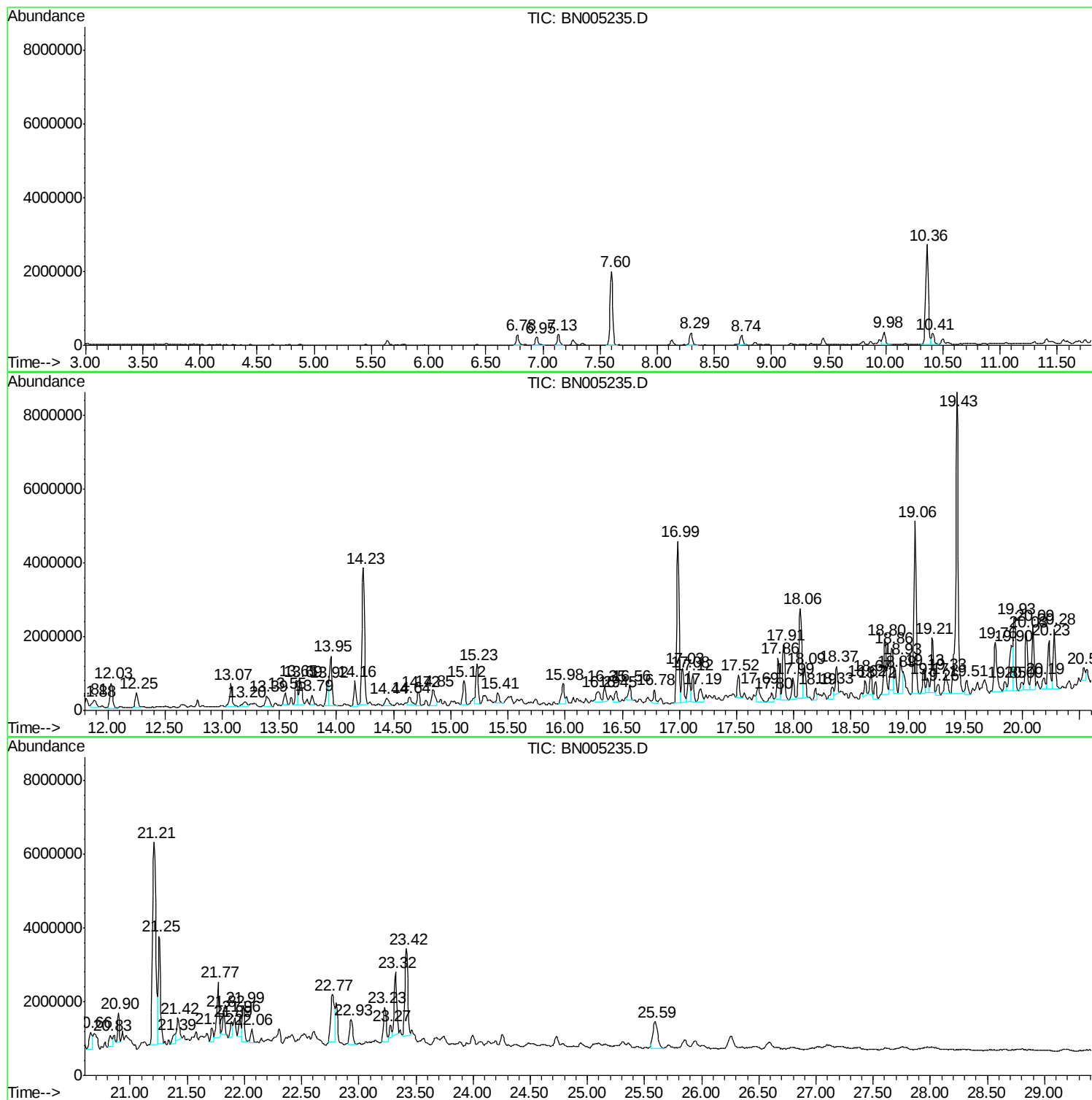
Sum of corrected areas: 154235140

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ClientSampleId :
GAHH9DL

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

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



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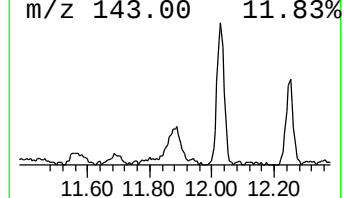
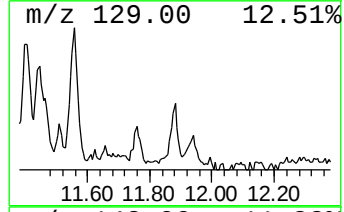
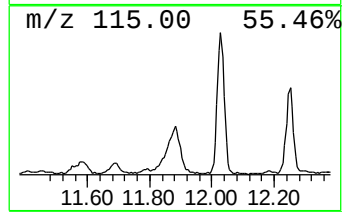
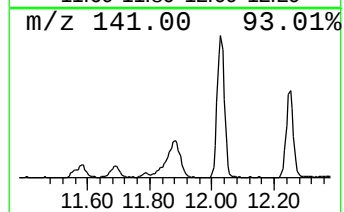
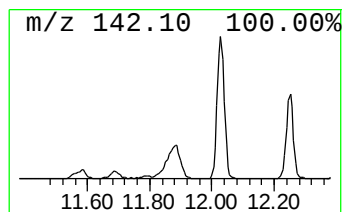
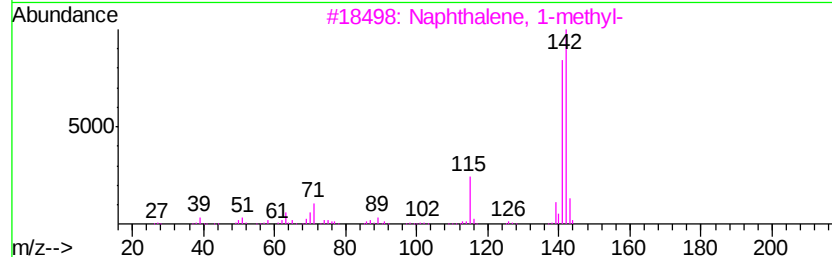
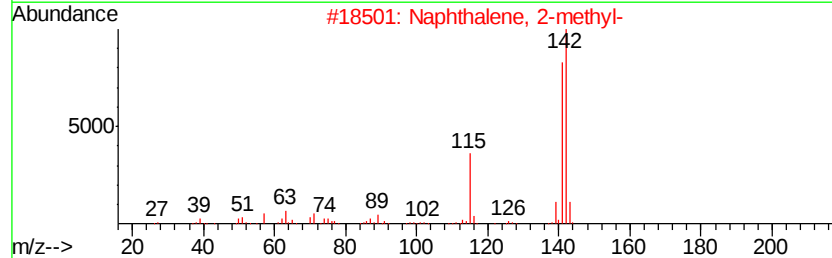
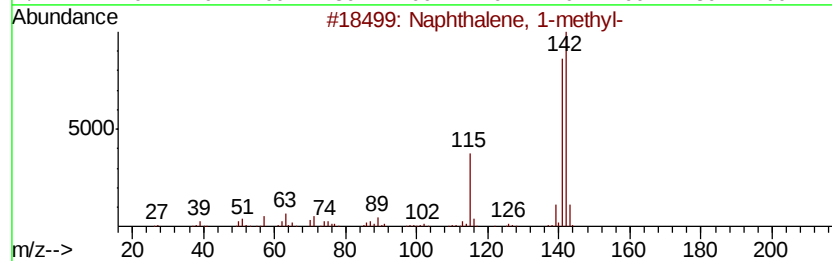
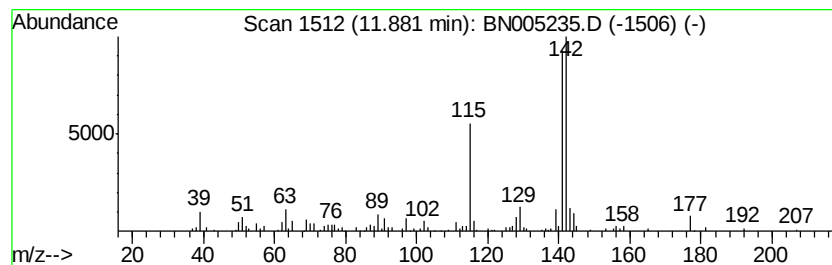
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzocycloheptatriene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.35 ng/ul	546460	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4		Benzocycloheptatriene	142	C11H10	000264-09-5	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



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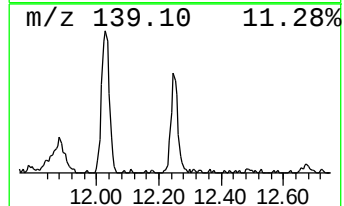
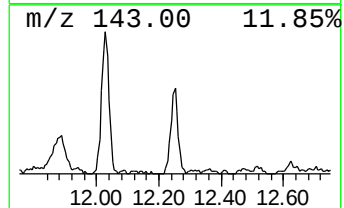
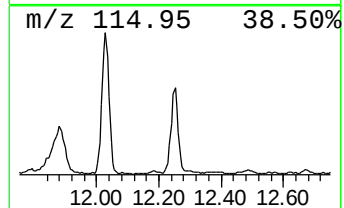
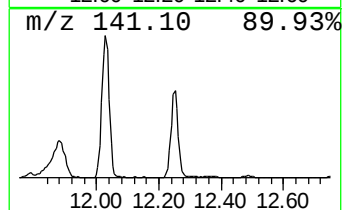
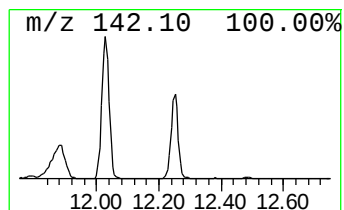
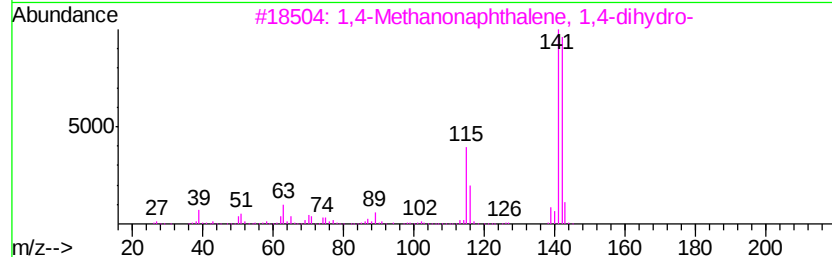
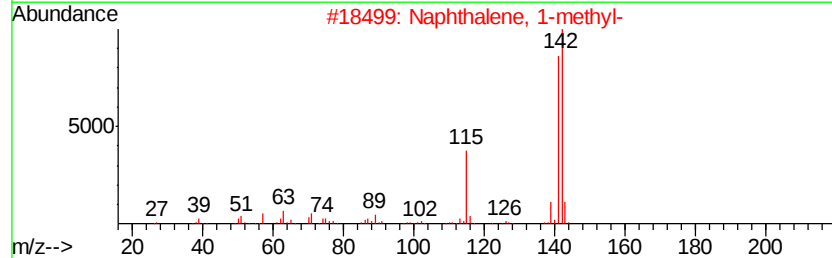
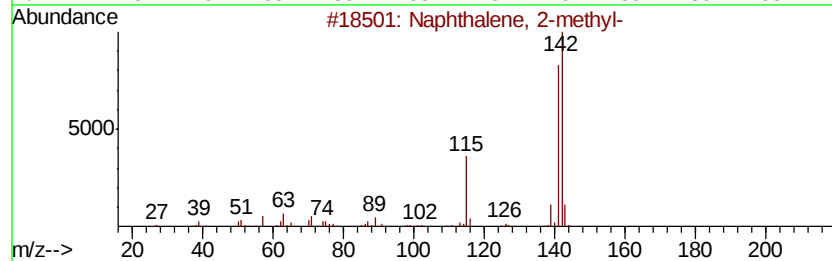
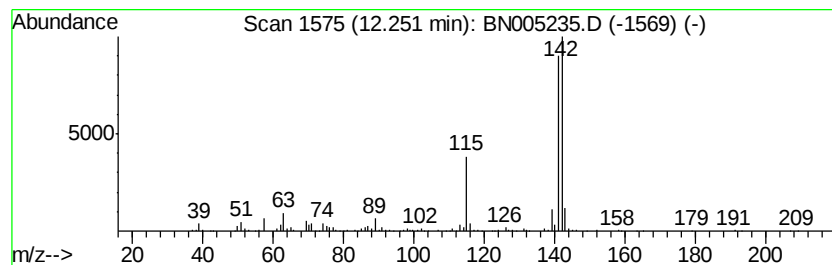
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.71 ng/ul	629372	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Benzocycloheptatriene	142	C11H10	000264-09-5	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93



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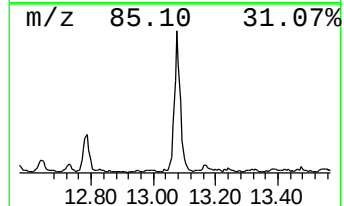
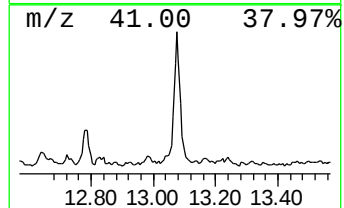
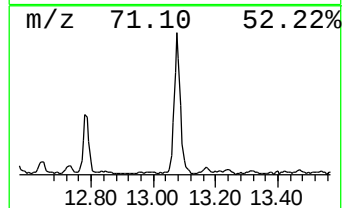
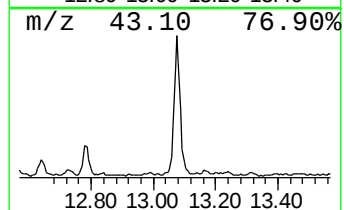
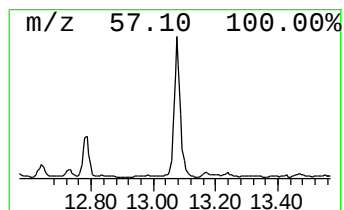
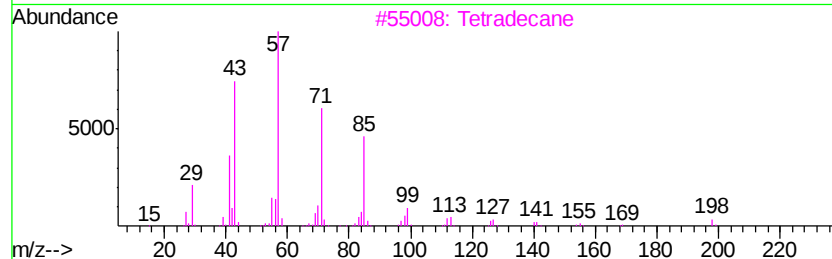
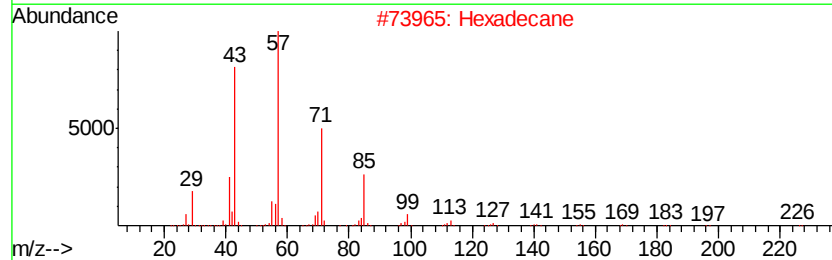
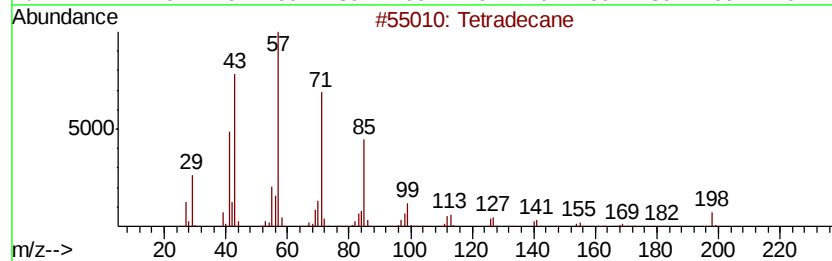
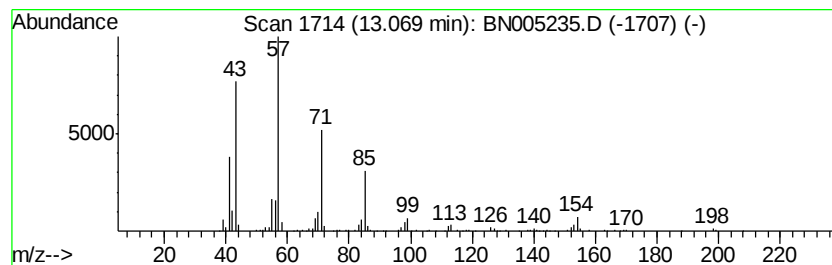
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	3.30 ng/ul	937971	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tetradecane	198	C14H30	000629-59-4	90
4		Tetradecane	198	C14H30	000629-59-4	87
5		Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

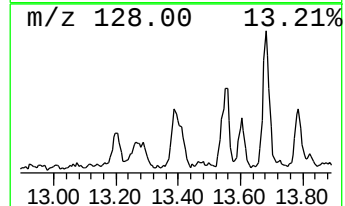
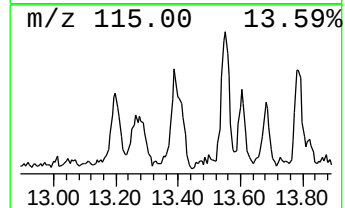
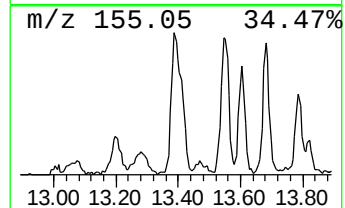
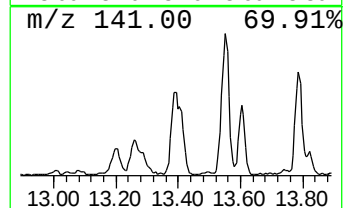
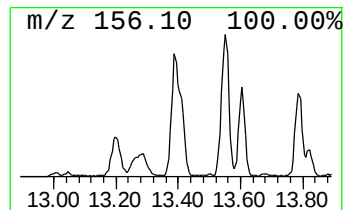
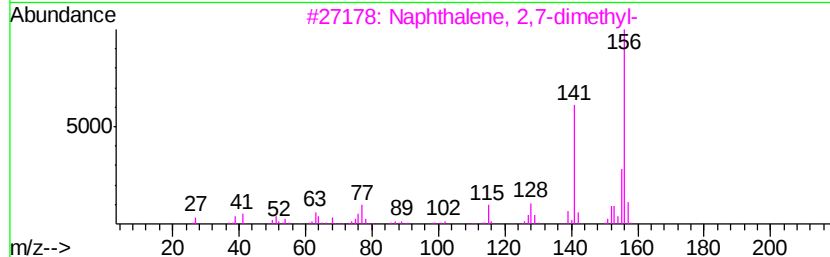
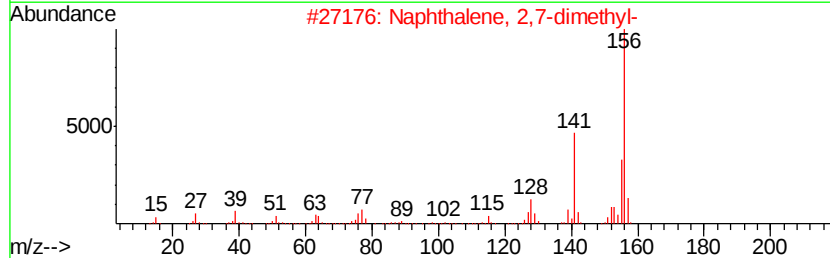
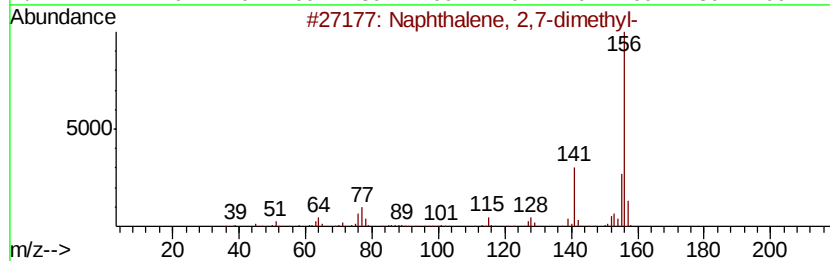
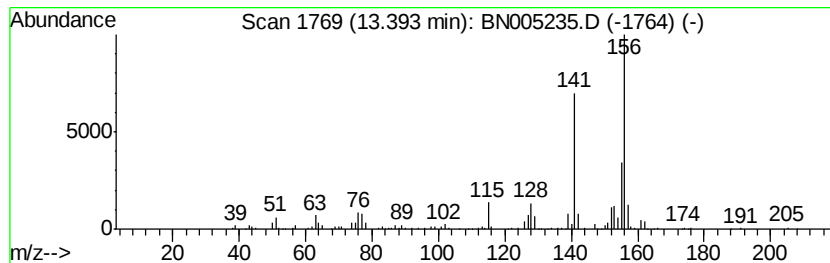
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	2.30 ng/ul	653737	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1	97
2	Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1	97
3	Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1	96
4	Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1	96
5	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
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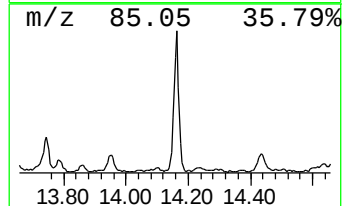
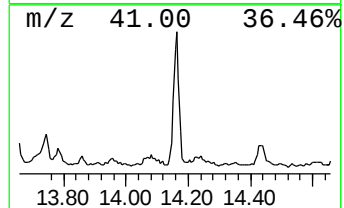
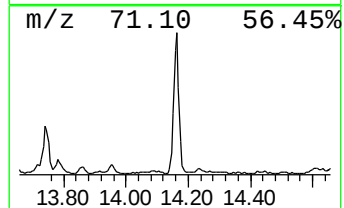
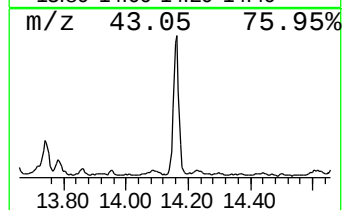
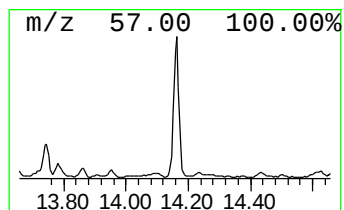
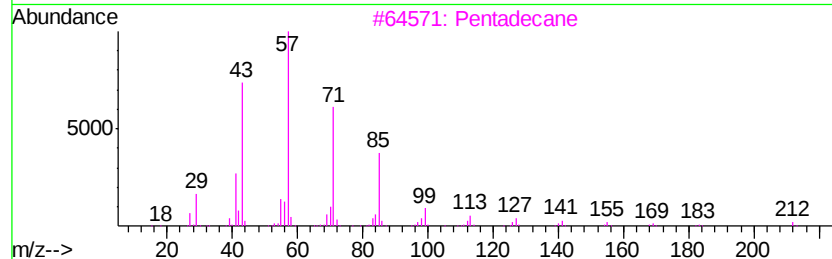
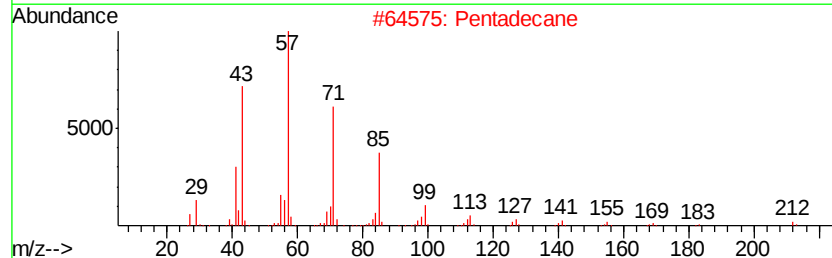
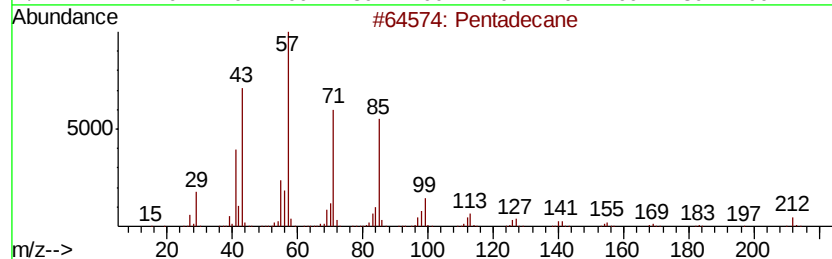
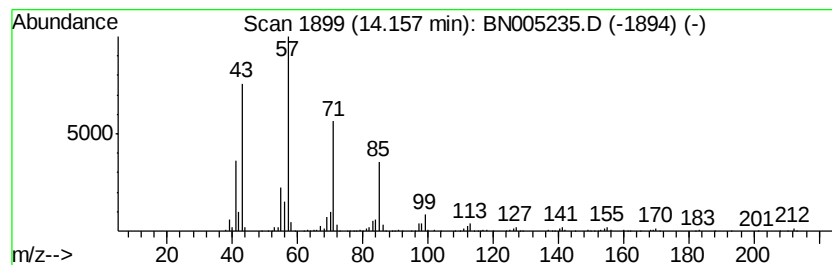
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	3.11 ng/ul	885653	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	95
2		Pentadecane	212	C15H32	000629-62-9	93
3		Pentadecane	212	C15H32	000629-62-9	93
4		Pentadecane	212	C15H32	000629-62-9	90
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
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Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

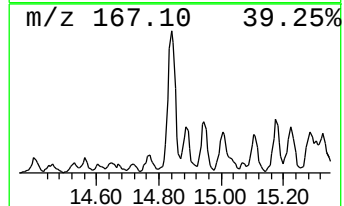
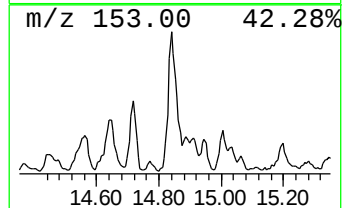
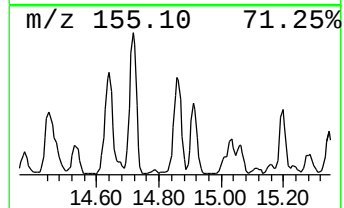
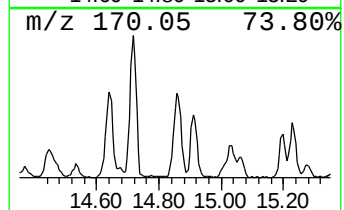
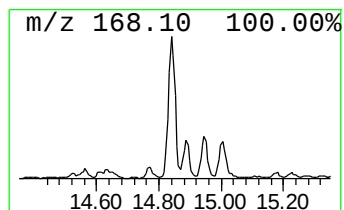
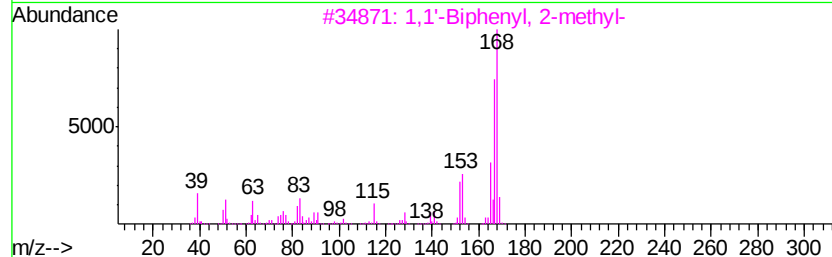
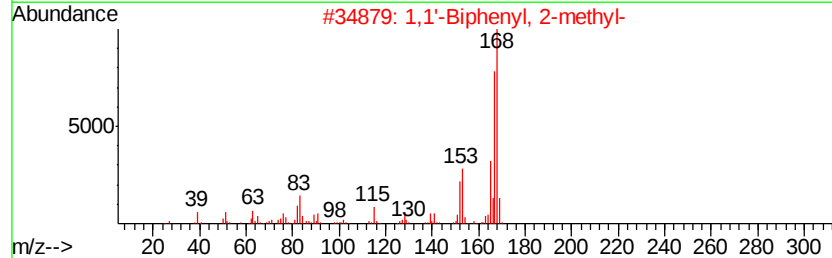
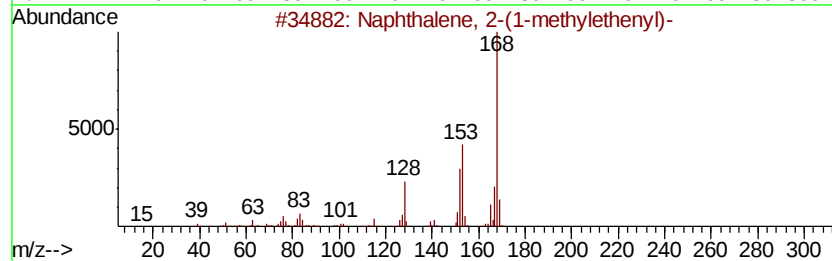
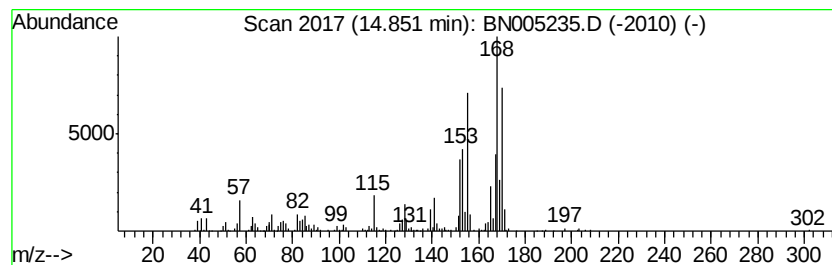
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2-(1-methyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.56 ng/ul	1012440	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-(1-methylethenyl)-	168 C13H12	003710-23-4 58
2		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 49
3		1,1'-Biphenyl, 2-methyl-	168 C13H12	000643-58-3 46
4		1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6 43
5		1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6 43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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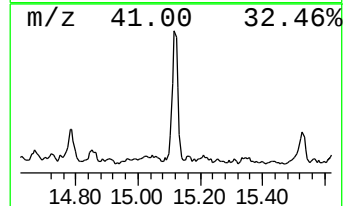
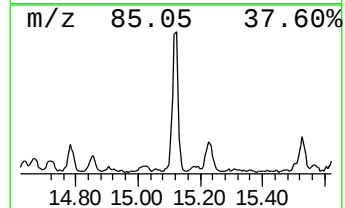
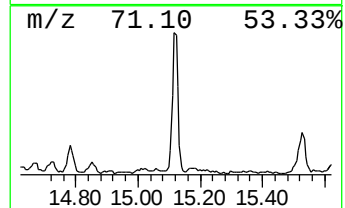
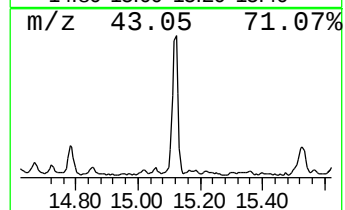
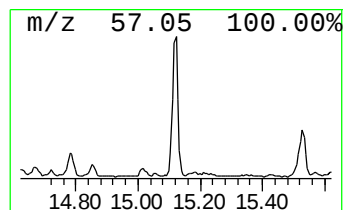
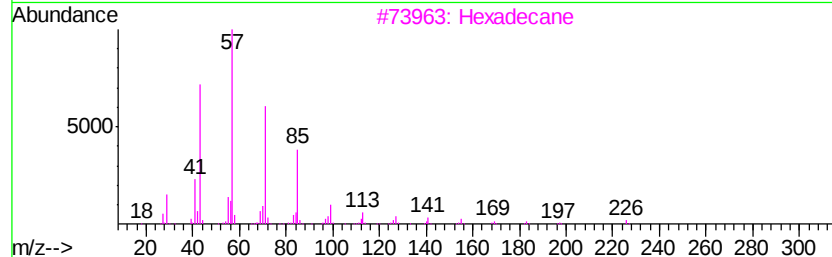
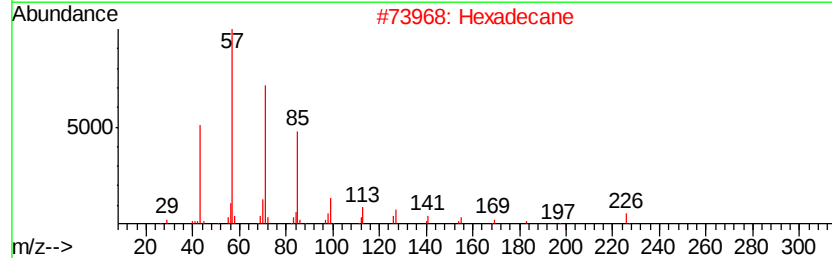
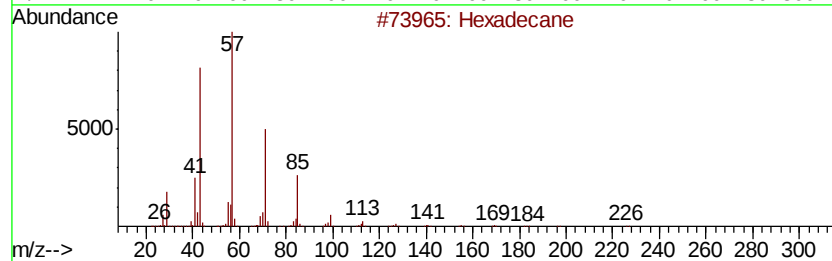
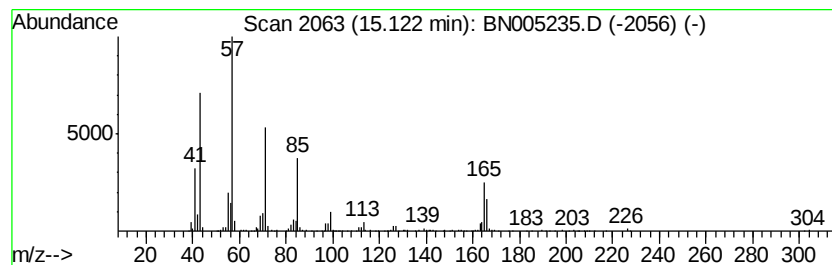
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.12	3.57 ng/ul	1014860	Acenaphthene-d10	14.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane			226	C16H34	000544-76-3	64
2	Hexadecane			226	C16H34	000544-76-3	50
3	Hexadecane			226	C16H34	000544-76-3	45
4	Eicosane, 10-methyl-			296	C21H44	054833-23-7	43
5	Eicosane			282	C20H42	000112-95-8	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
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Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

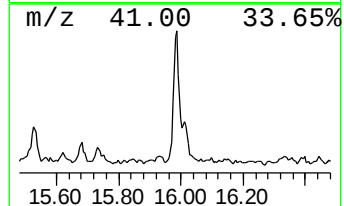
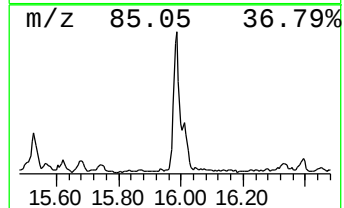
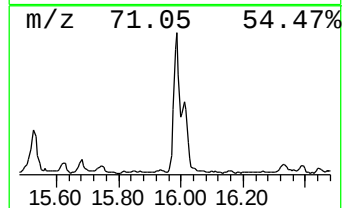
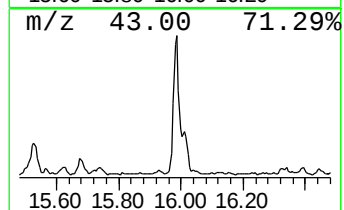
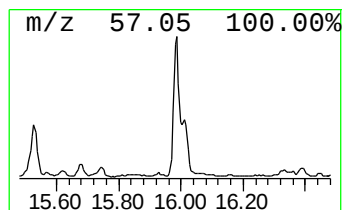
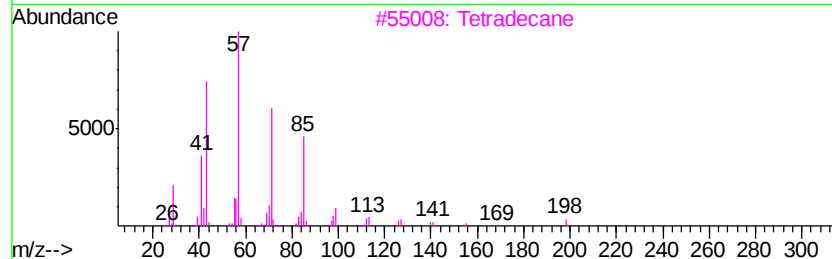
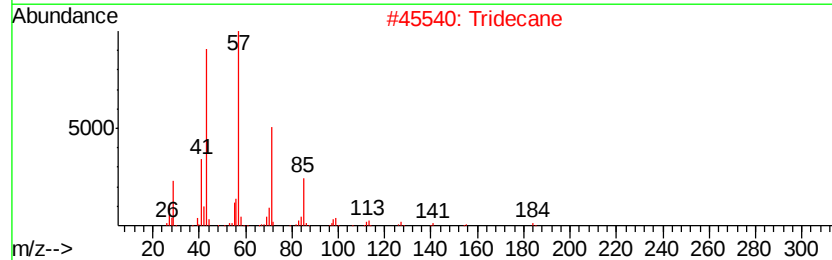
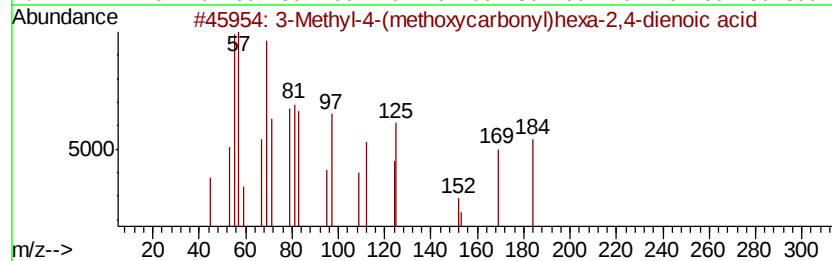
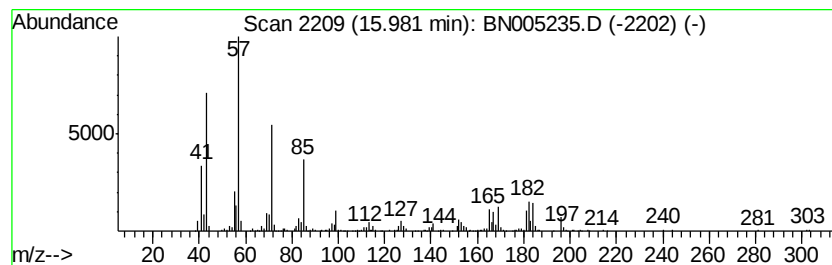
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 3-Methyl-4-(methoxycarbonyl... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.98	3.38 ng/ul	1041810	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3		3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	93
2	Tridecane			184	C13H28	000629-50-5	53
3	Tetradecane			198	C14H30	000629-59-4	50
4	Eicosane			282	C20H42	000112-95-8	50
5	2-Bromo dodecane			248	C12H25Br	013187-99-0	49



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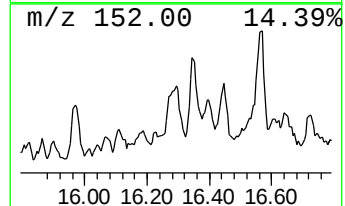
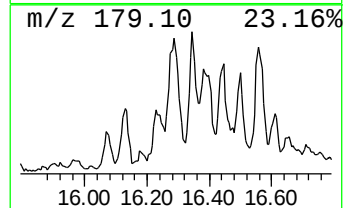
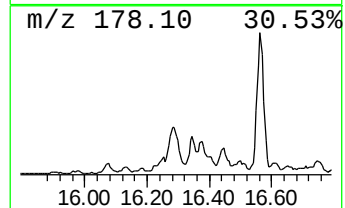
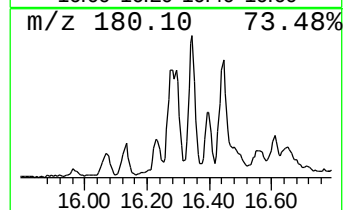
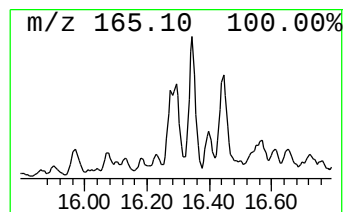
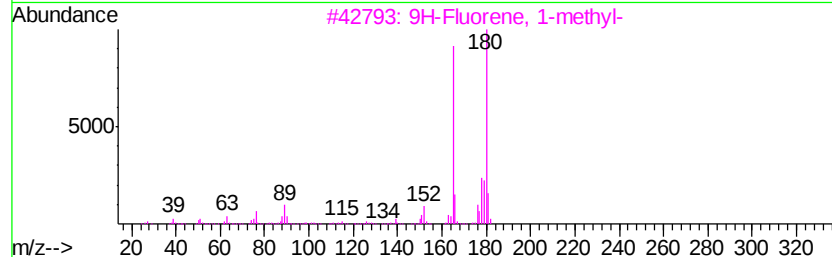
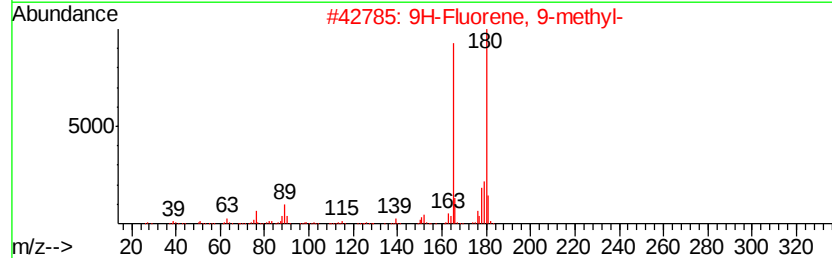
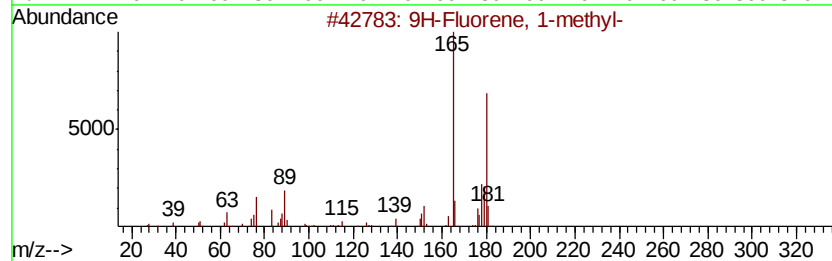
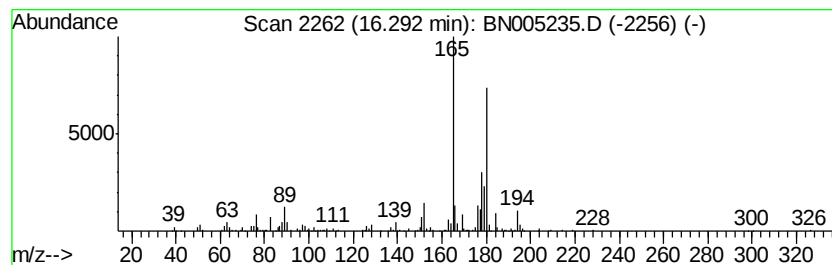
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9H-Fluorene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.29	2.36 ng/ul	728285	Phenanthrene-d10		16.99		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene,	1-methyl-	180	C14H12	001730-37-6	90	
2	9H-Fluorene,	9-methyl-	180	C14H12	002523-37-7	89	
3	9H-Fluorene,	1-methyl-	180	C14H12	001730-37-6	89	
4	9H-Fluorene,	2-methyl-	180	C14H12	001430-97-3	89	
5	9H-Fluorene,	4-methyl-	180	C14H12	001556-99-6	81	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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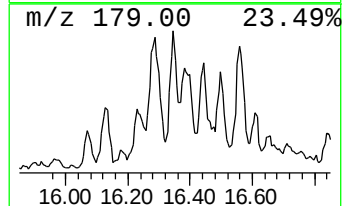
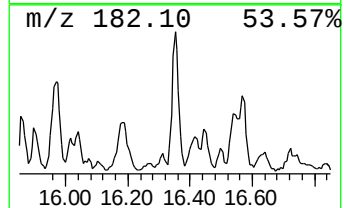
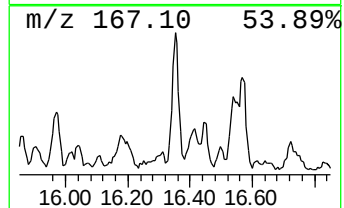
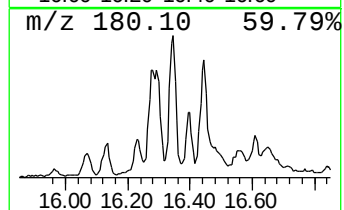
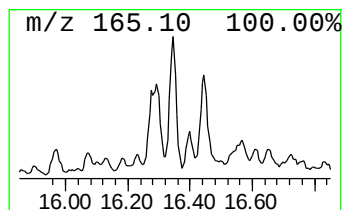
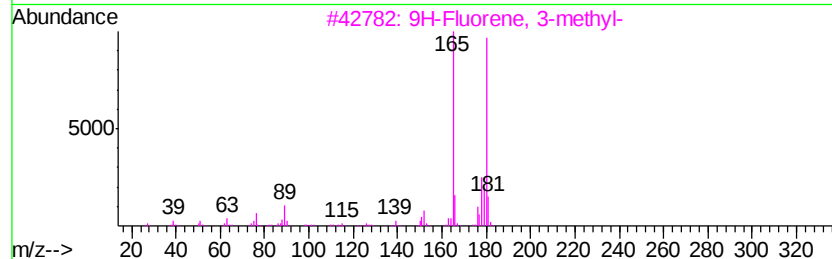
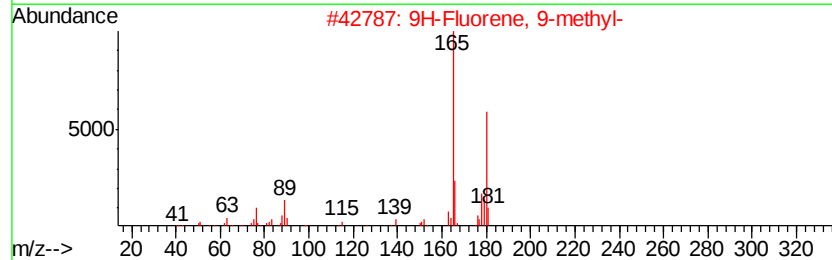
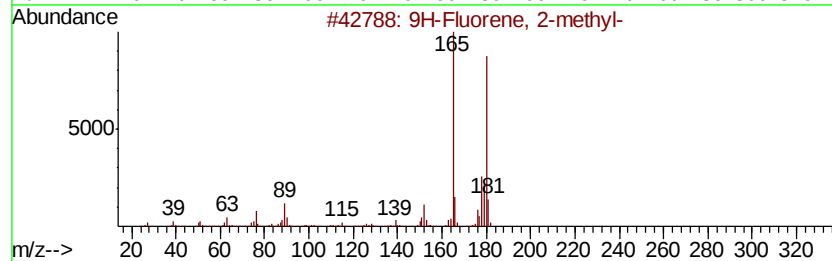
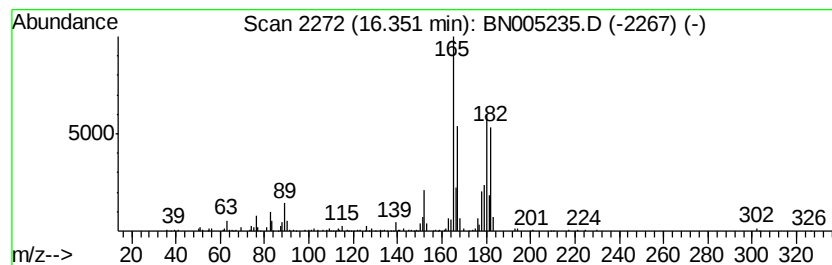
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluorene, 2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	2.17 ng/ul	670037	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	92
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	83
4		3-Buten-2-one, 4-(4-chlorophenyl)-	180	C10H9ClO	003160-40-5	74
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

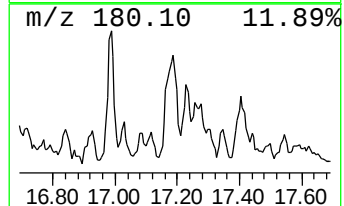
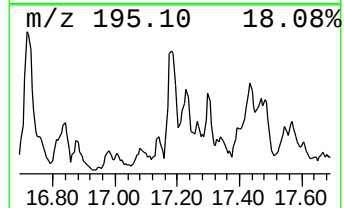
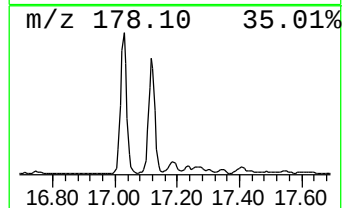
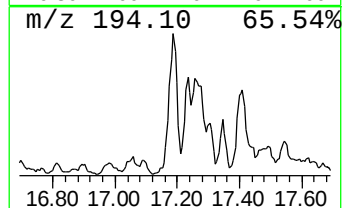
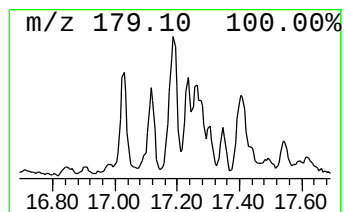
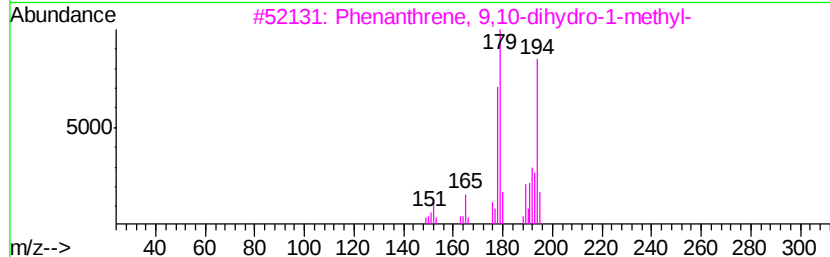
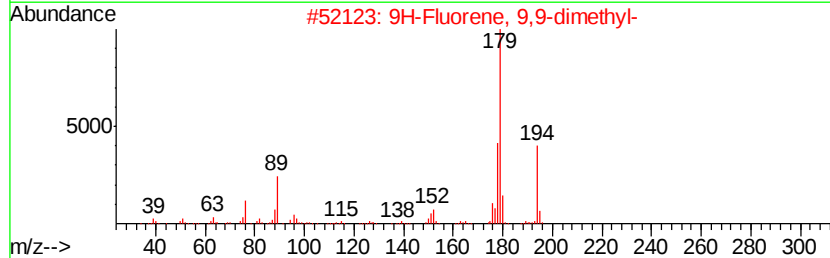
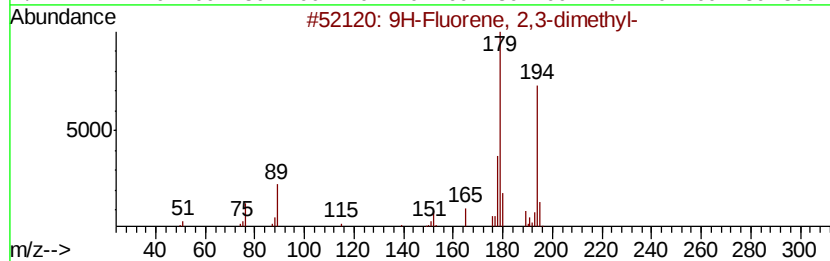
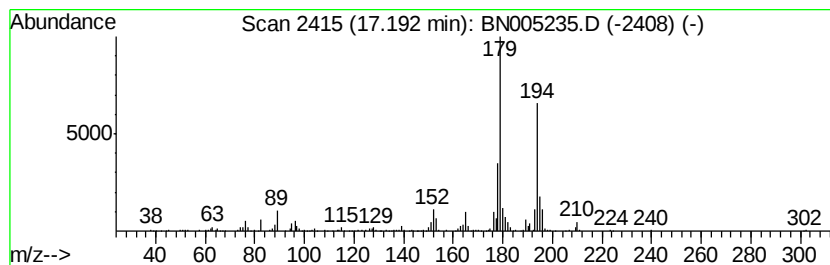
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9H-Fluorene, 2,3-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.19	2.37 ng/ul	729173	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	95
2	9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	68
3	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	64
4	Silane, trimethyl(3,5-xylvloxy)-	194	C11H18OSi	017994-05-7	52
5	Anthracene, 9,10-dihydro-2-methyl-	194	C15H14	000948-67-4	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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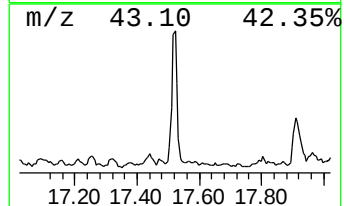
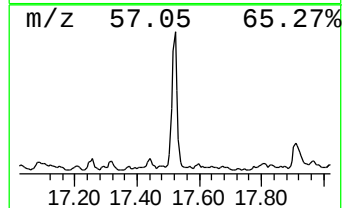
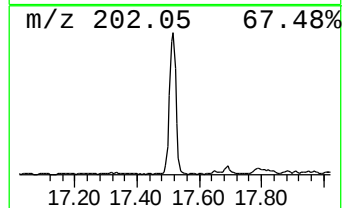
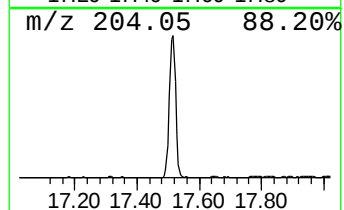
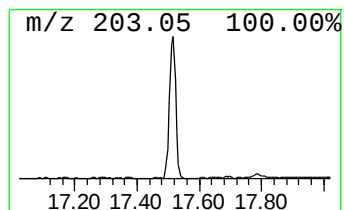
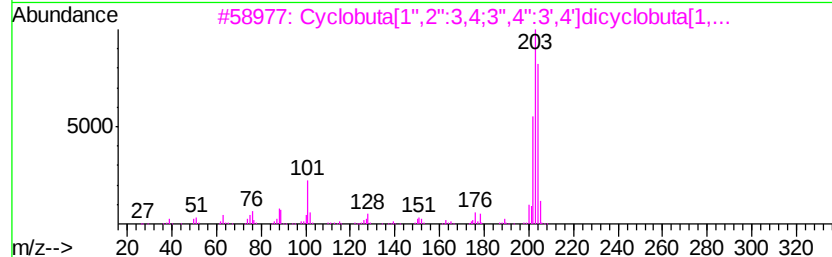
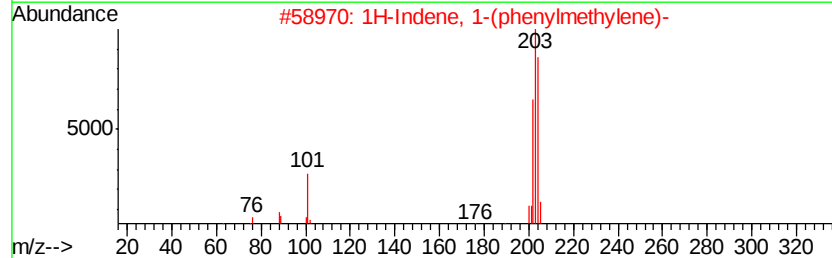
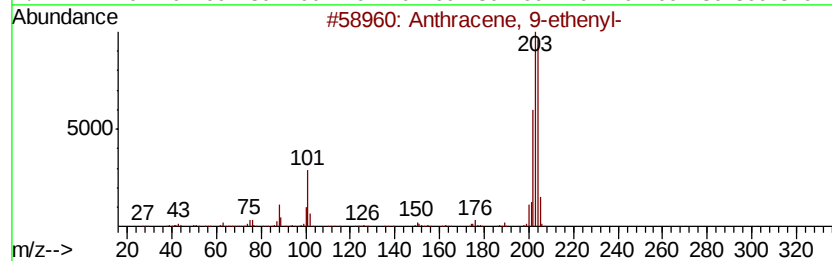
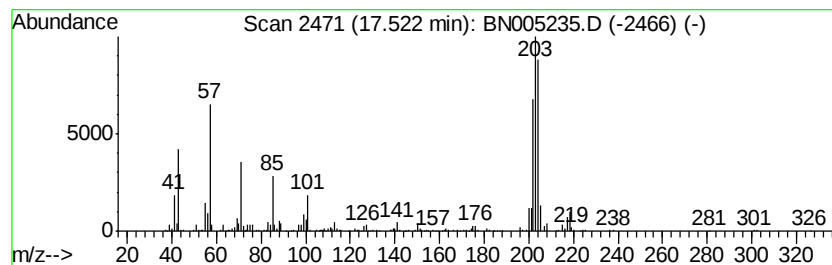
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Anthracene, 9-ethenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	2.58 ng/ul	794243	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	95
2		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	86
3		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	62
4		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	58
5		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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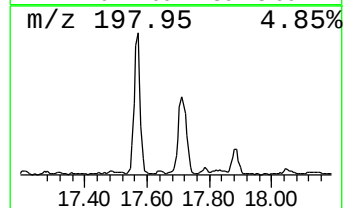
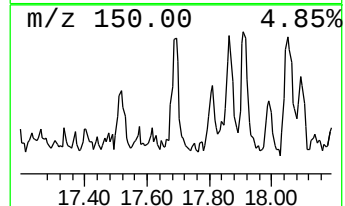
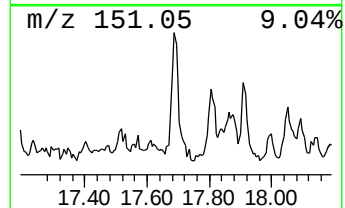
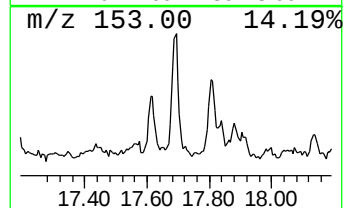
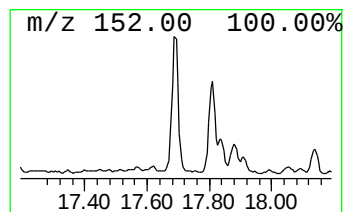
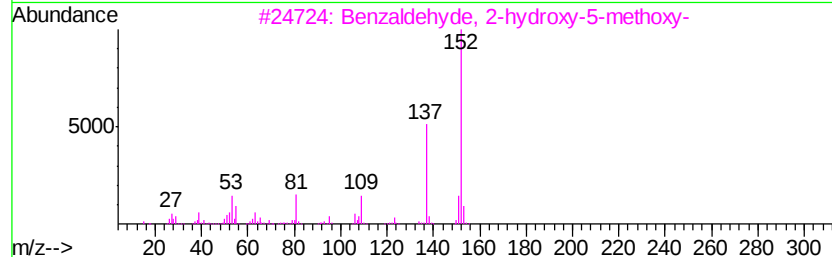
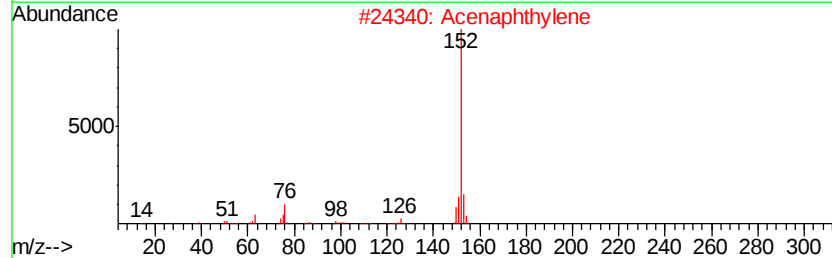
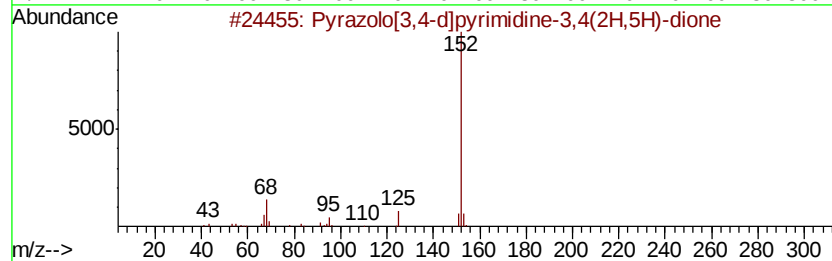
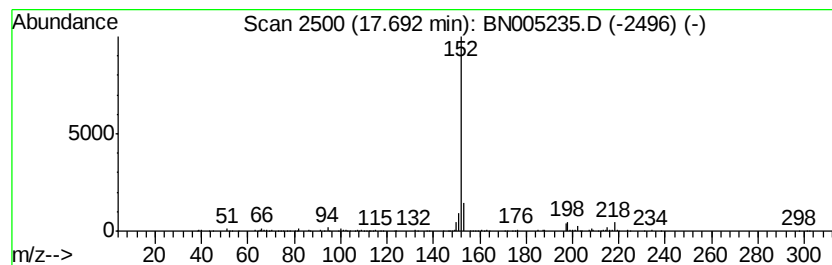
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrazolo[3,4-d]pyrimidine-3... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.69	2.59 ng/ul	797976	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazolo[3,4-d]pyrimidine-3,4(2H...	152	C5H4N4O2	128850-53-3	50
2		Acenaphthylene	152	C12H8	000208-96-8	39
3		Benzaldehyde, 2-hydroxy-5-methoxy-	152	C8H8O3	000672-13-9	9
4		Acenaphthylene	152	C12H8	000208-96-8	9
5		Tisopurine	152	C5H4N4S	005334-23-6	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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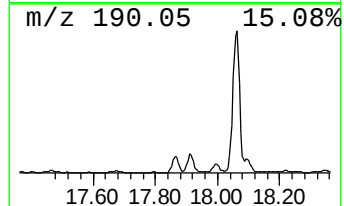
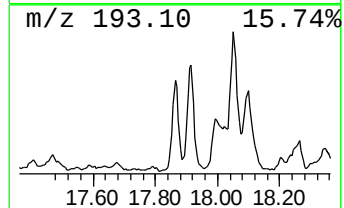
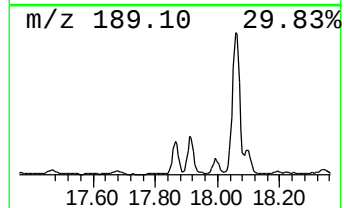
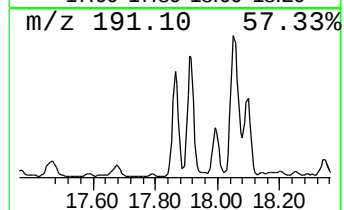
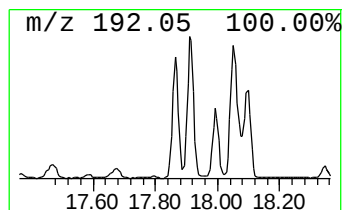
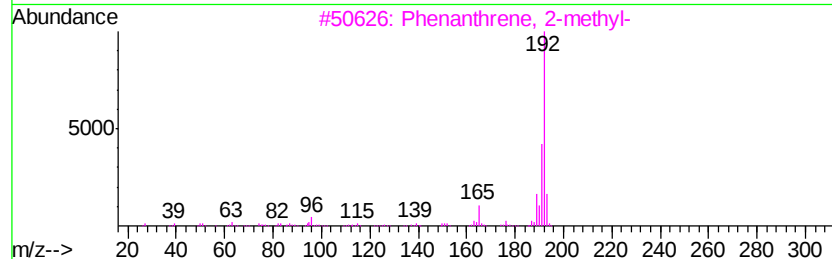
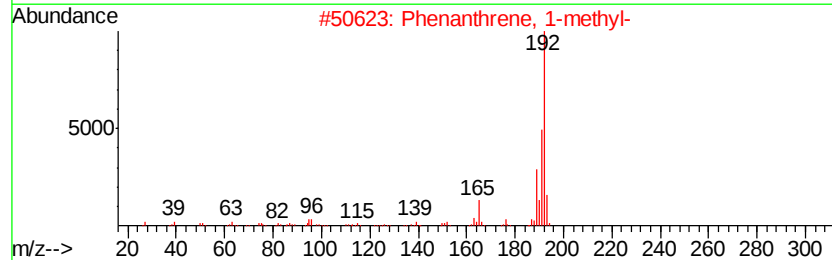
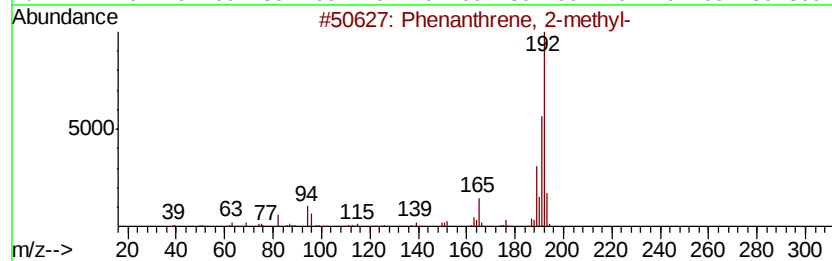
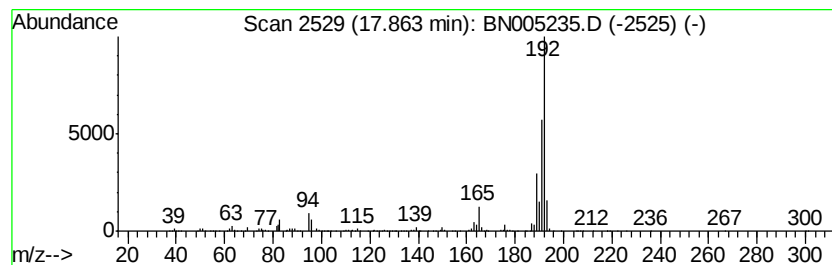
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	4.99 ng/ul	1537600	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
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Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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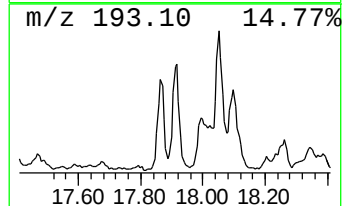
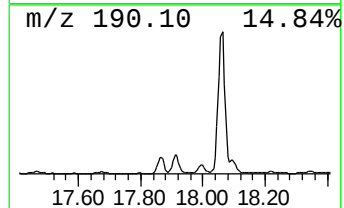
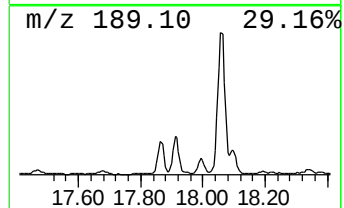
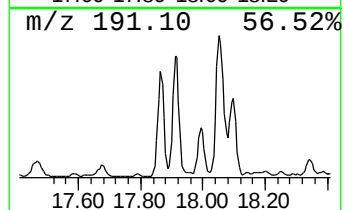
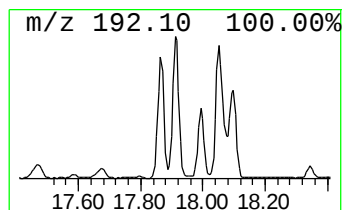
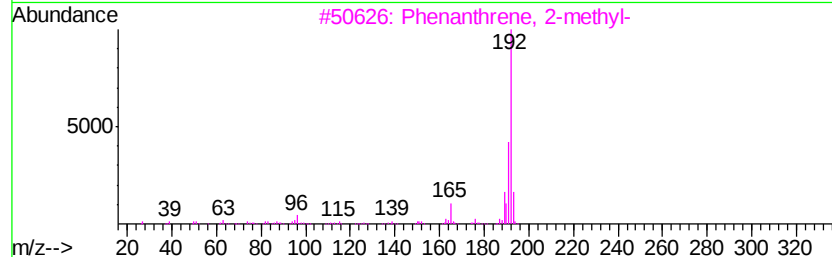
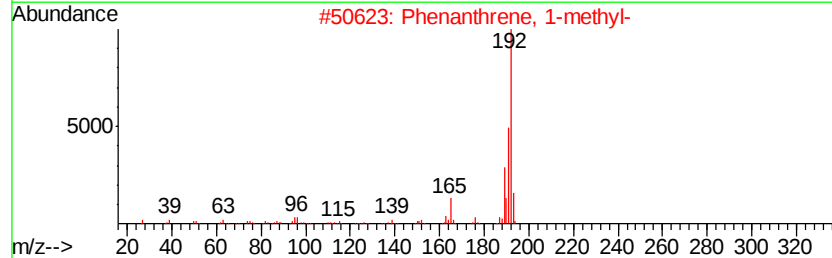
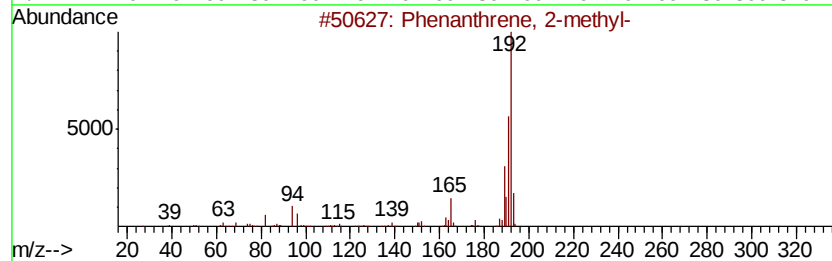
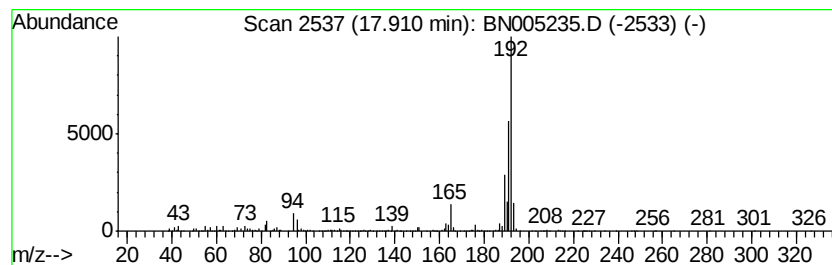
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	6.91 ng/ul	2129150	Phenanthrene-d10	16.99

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			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



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Data File : BN005235.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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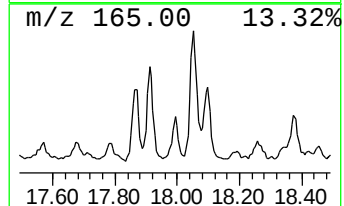
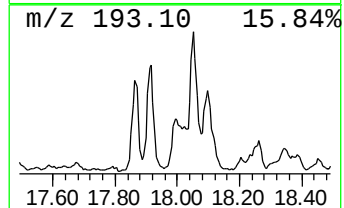
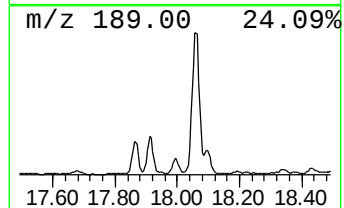
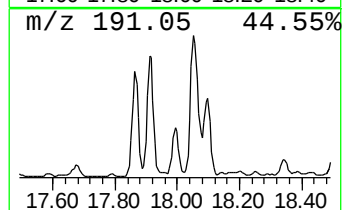
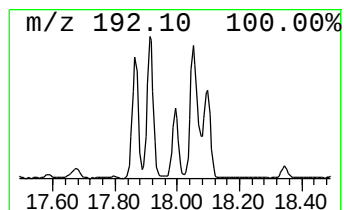
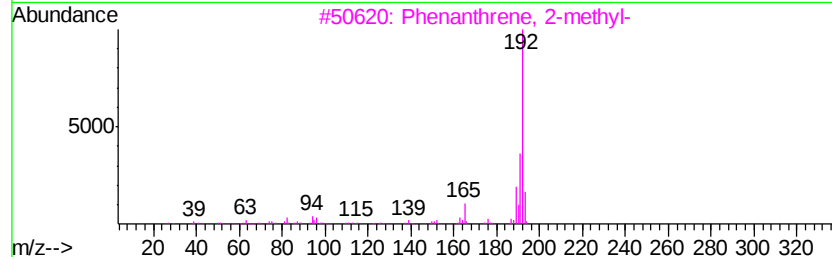
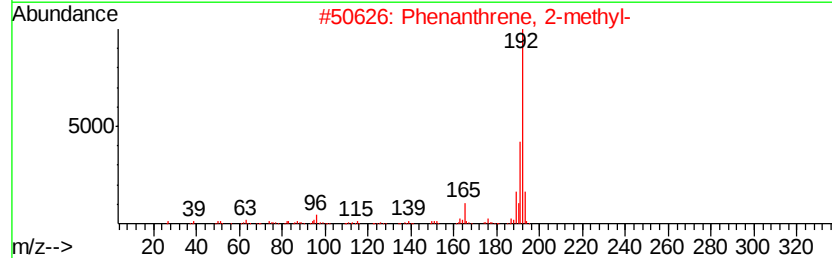
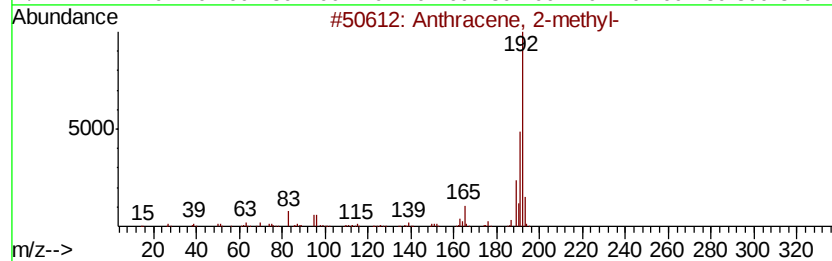
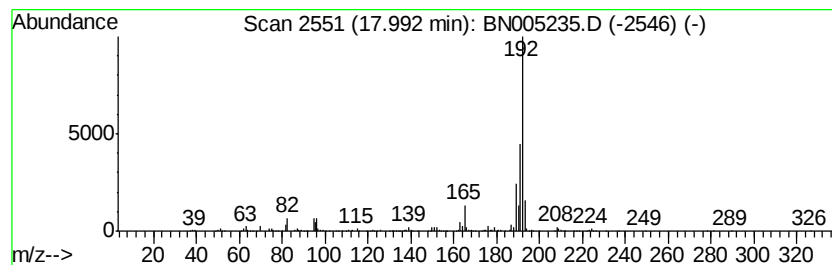
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.82 ng/ul	869294	Phenanthrene-d10	16.99

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

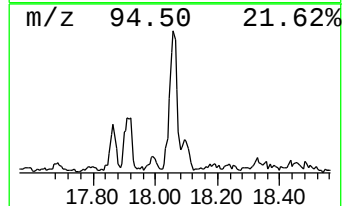
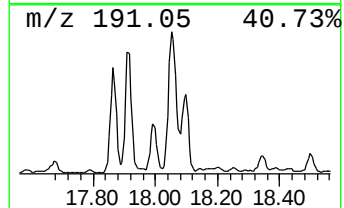
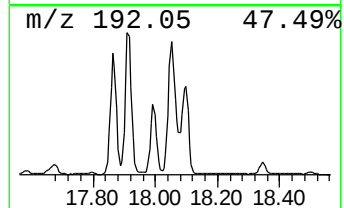
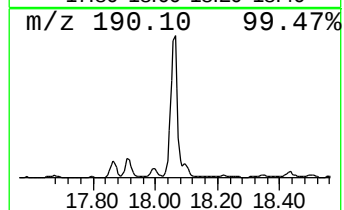
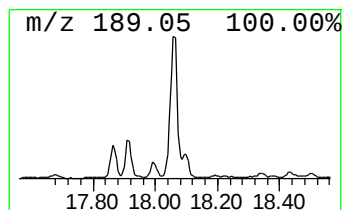
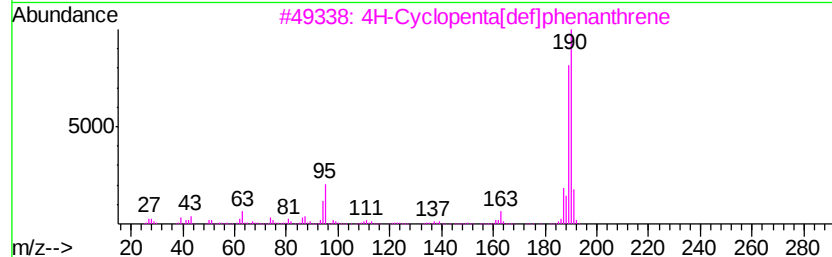
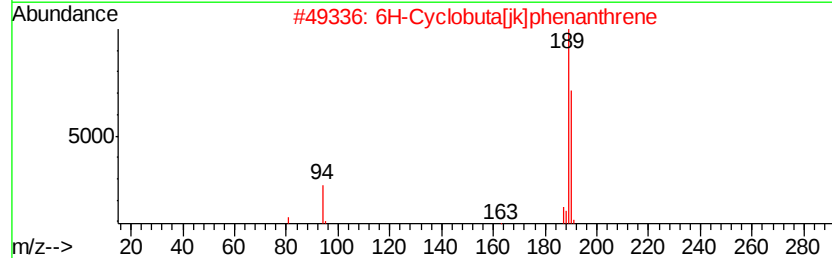
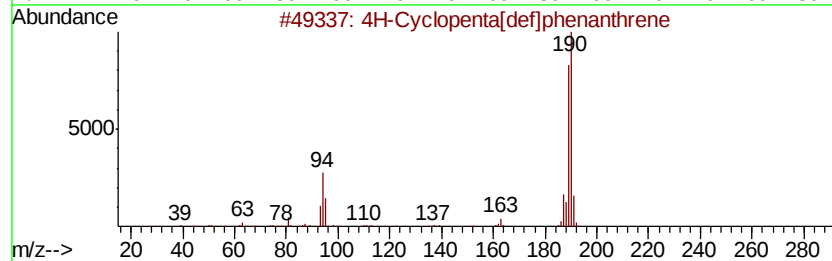
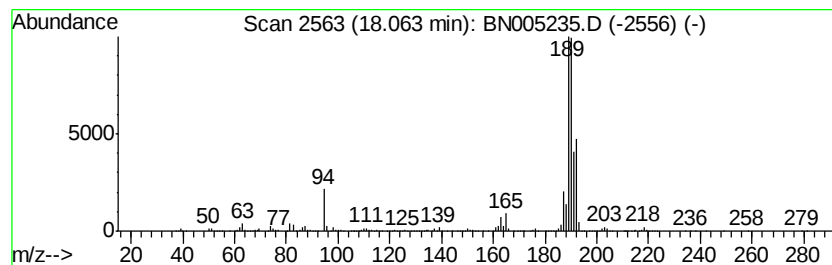
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.06	13.67 ng/ul	4212940	Phenanthrene-d10	16.99		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		6H-Cyclobuta[jkl]phenanthrene	190	C15H10	083469-43-6	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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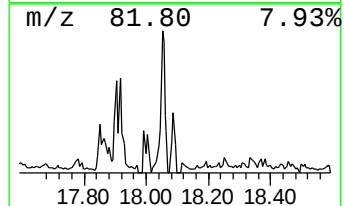
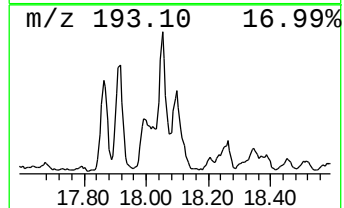
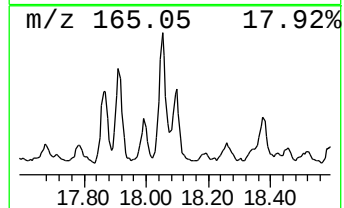
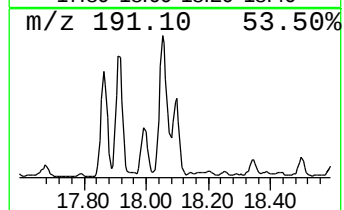
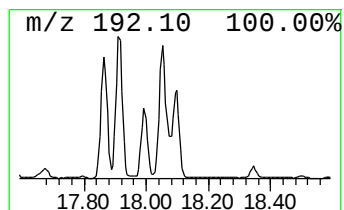
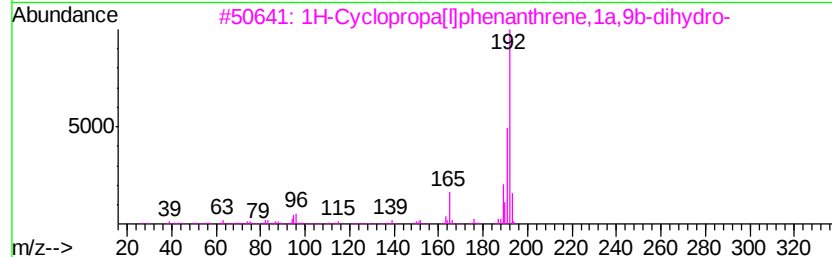
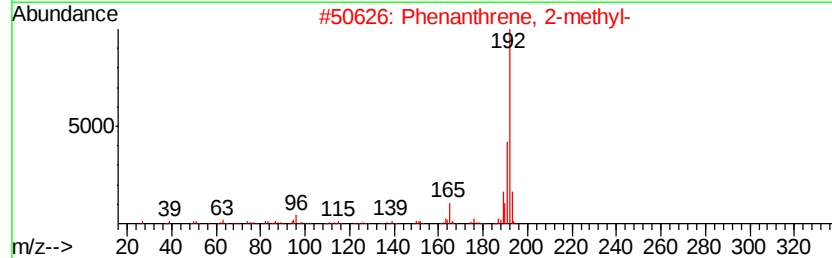
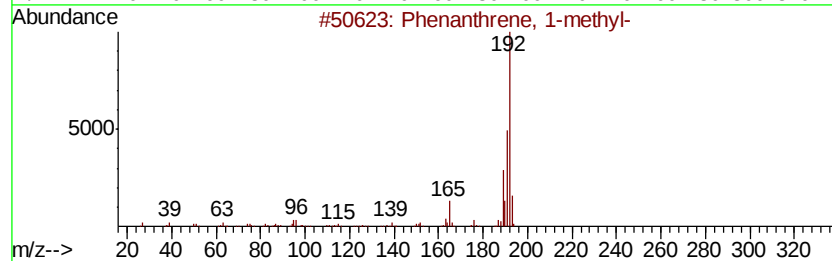
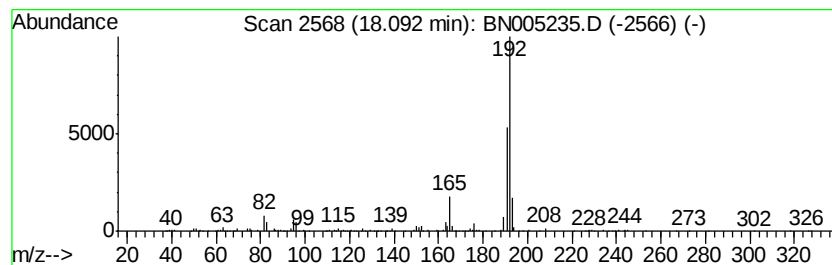
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	3.50 ng/ul	1078240	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			1H-Cyclopropa[l]phenanthrene, 1a,...	192	C15H12	000949-41-7	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

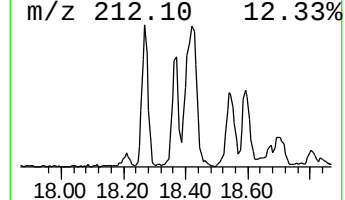
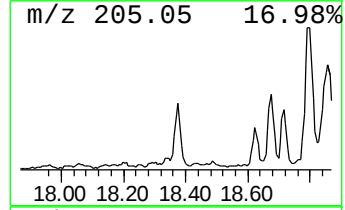
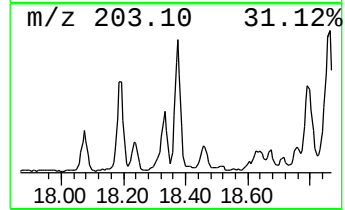
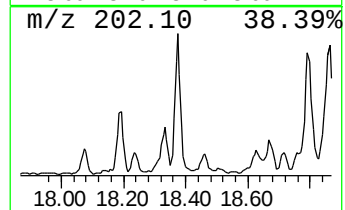
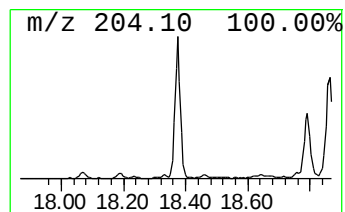
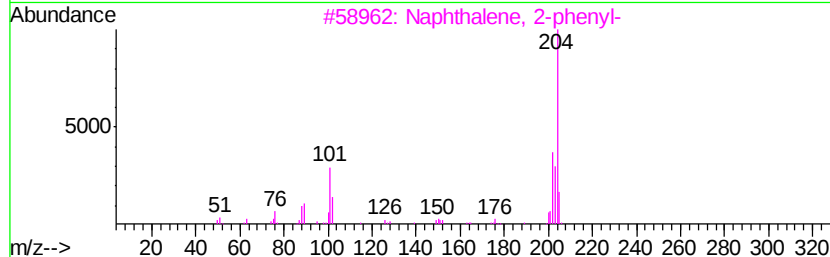
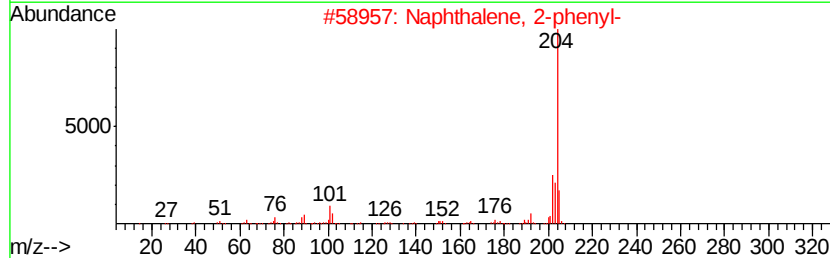
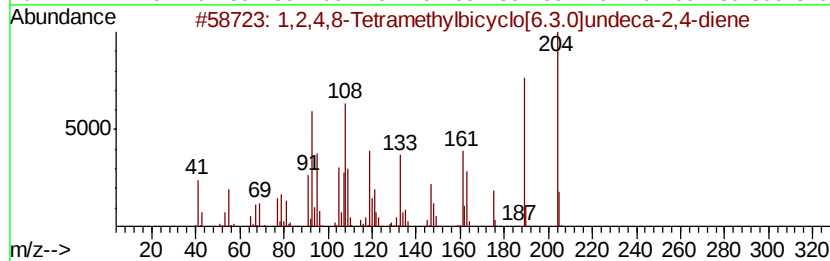
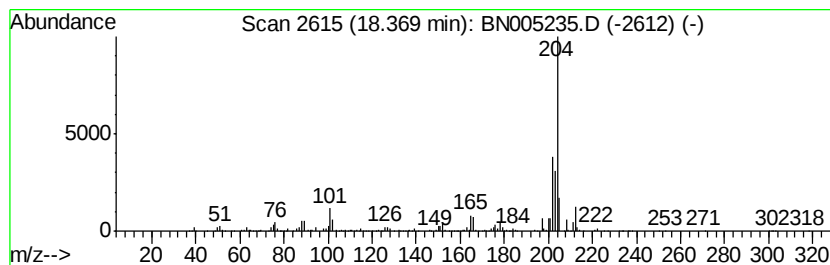
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.37	3.08 ng/ul	948241	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
4	2-Phenylnaphthalene	204	C16H12	035465-71-5	86
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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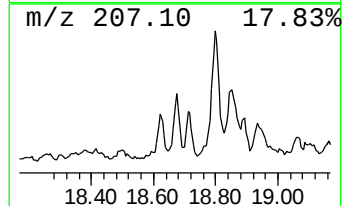
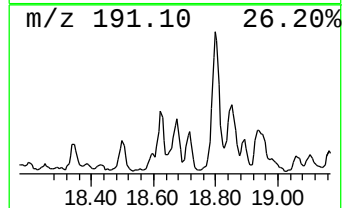
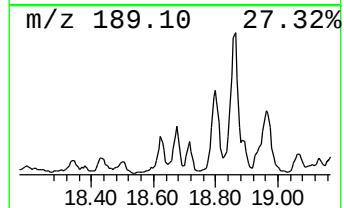
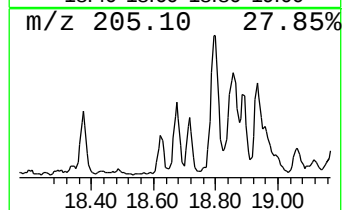
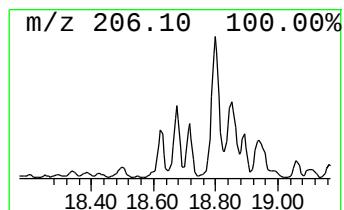
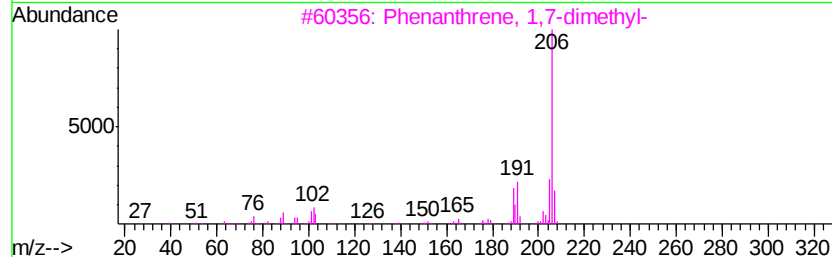
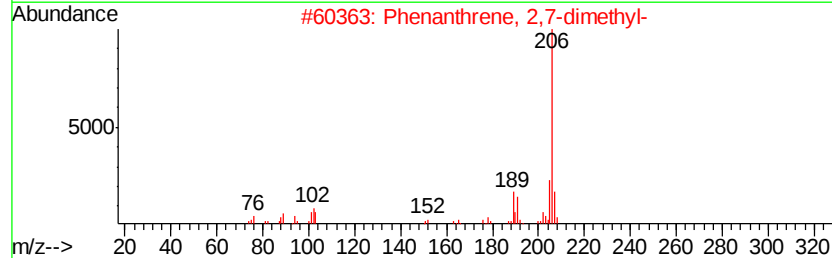
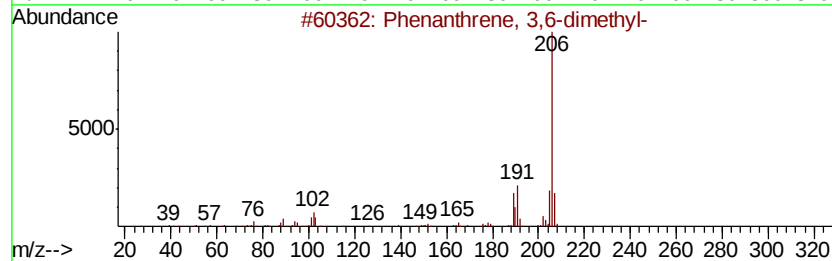
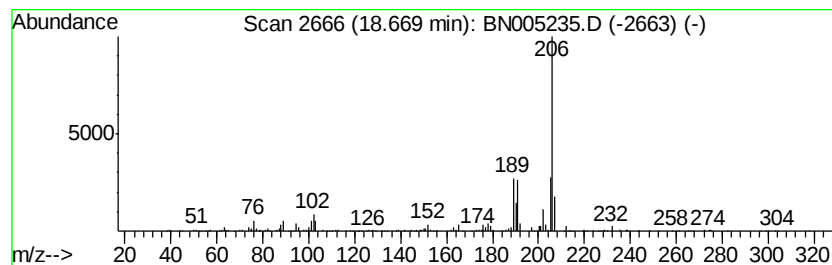
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 3,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.21 ng/ul	680729	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
3		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
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Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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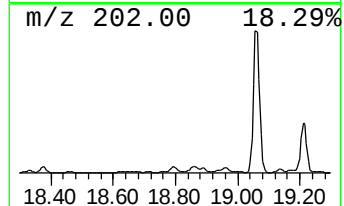
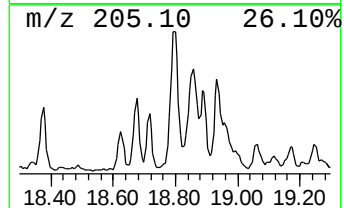
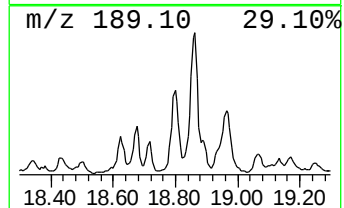
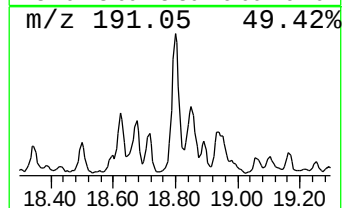
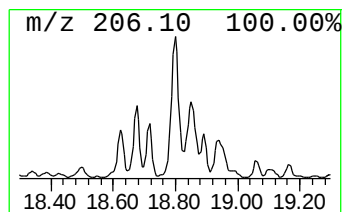
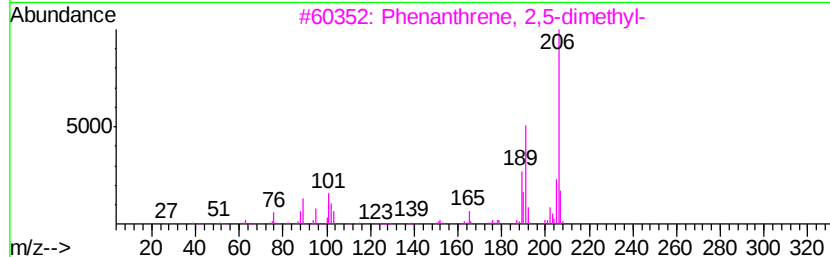
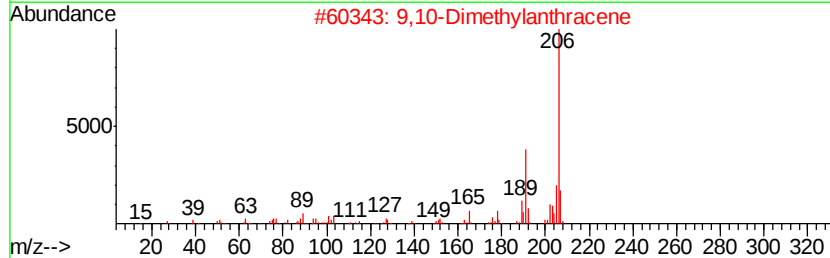
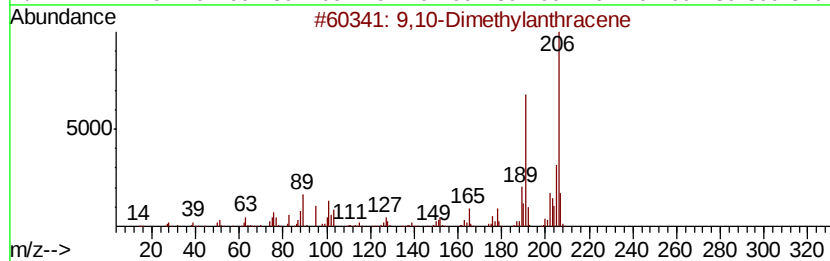
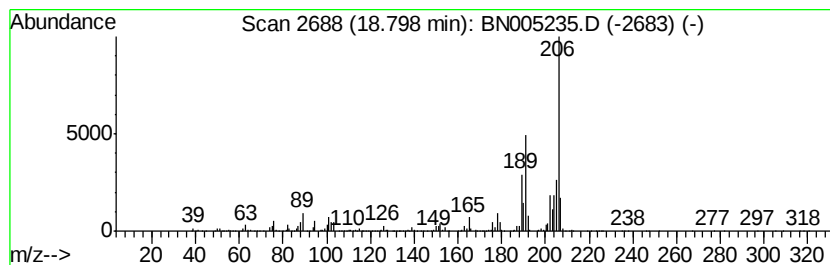
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 9,10-Dimethylantracene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	7.78 ng/ul	2399140	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
4		di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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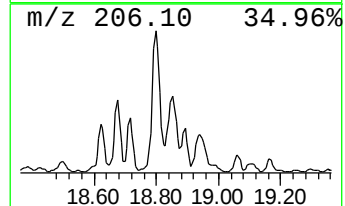
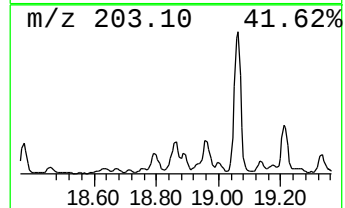
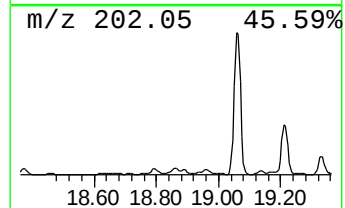
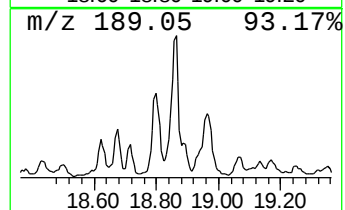
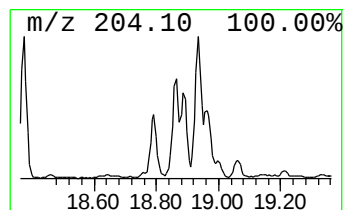
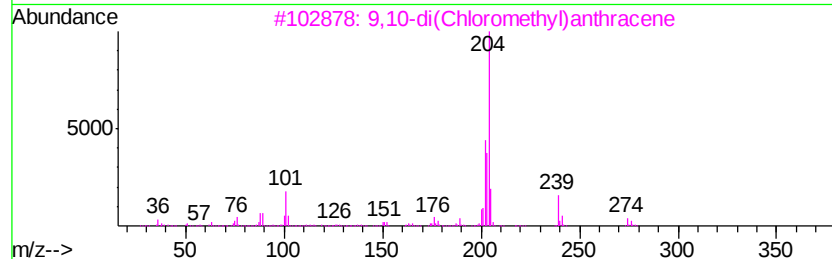
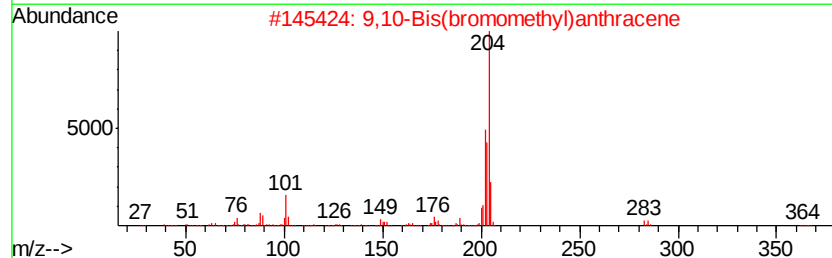
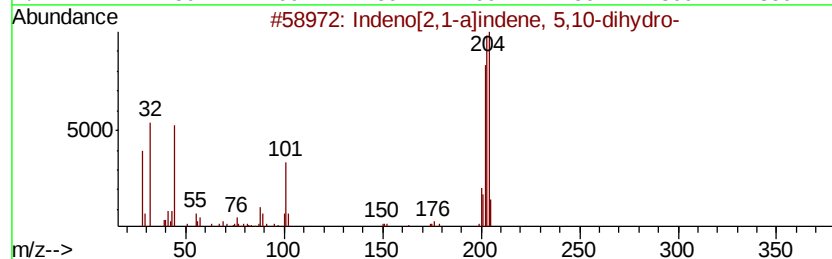
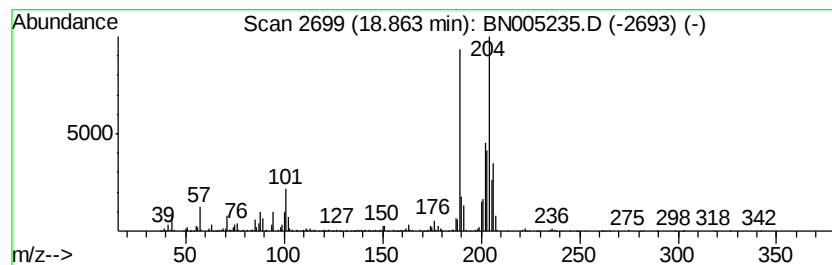
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	5.91 ng/ul	1821070	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	44
2		9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	43
3		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	43
4		Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
Data File : BN005235.D
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Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

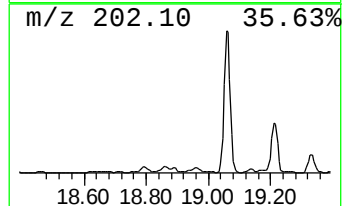
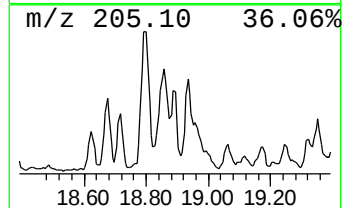
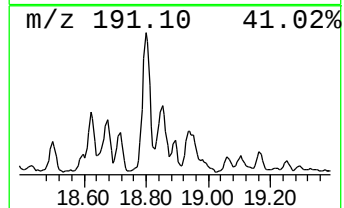
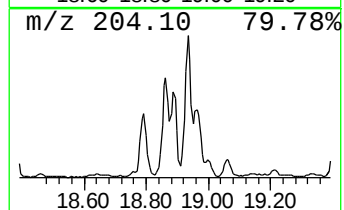
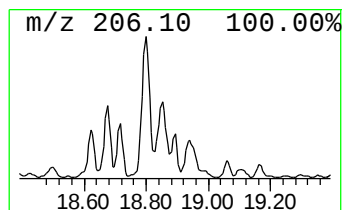
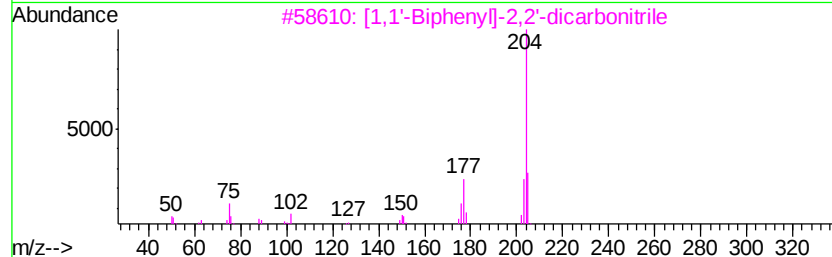
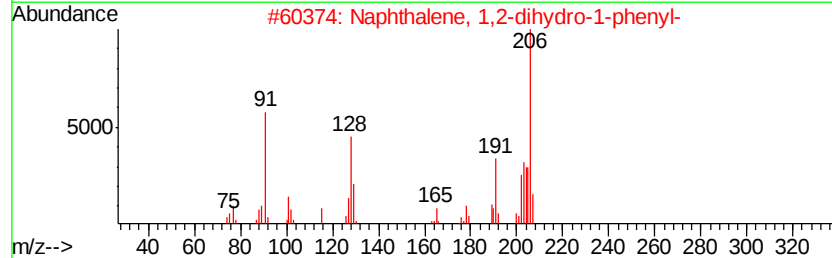
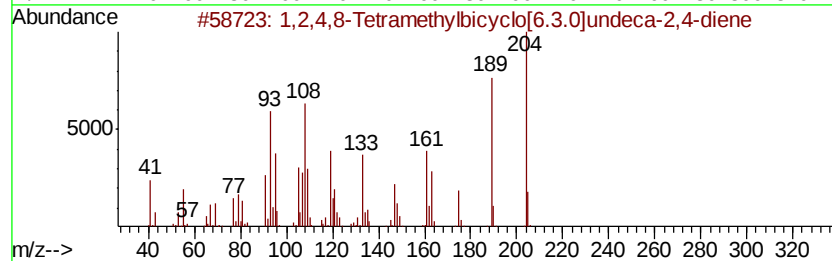
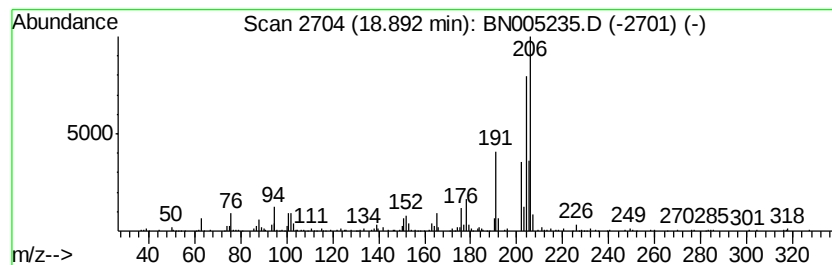
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ClientSampleId :
GAHH9DL

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

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

Peak Number 23 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.89	2.42 ng/ul	745393	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	78
2		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
3		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	46
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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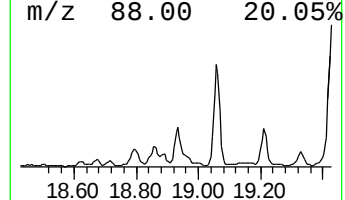
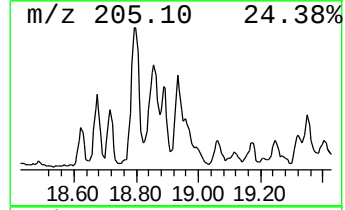
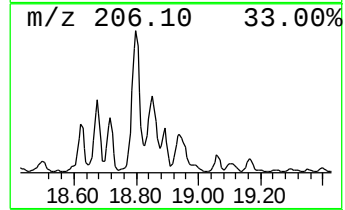
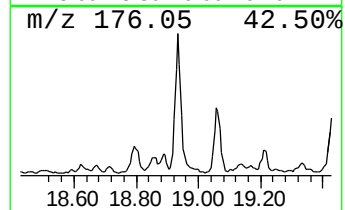
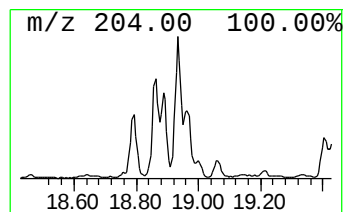
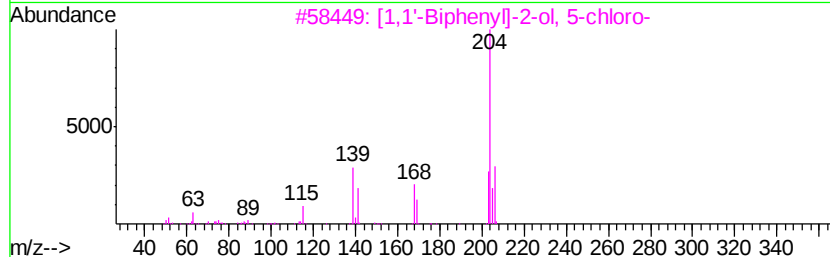
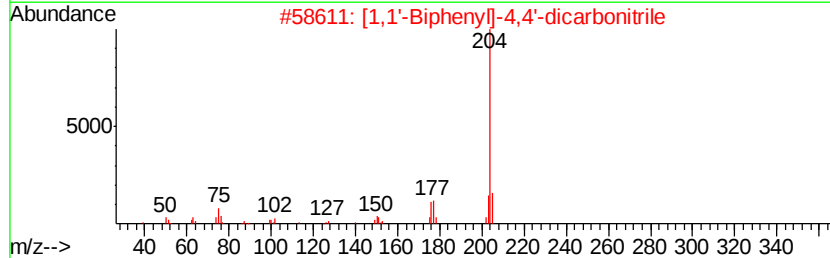
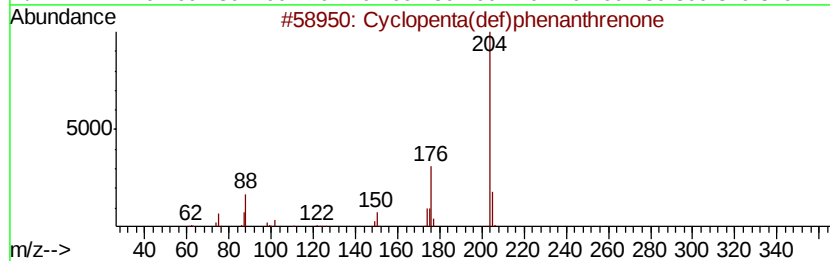
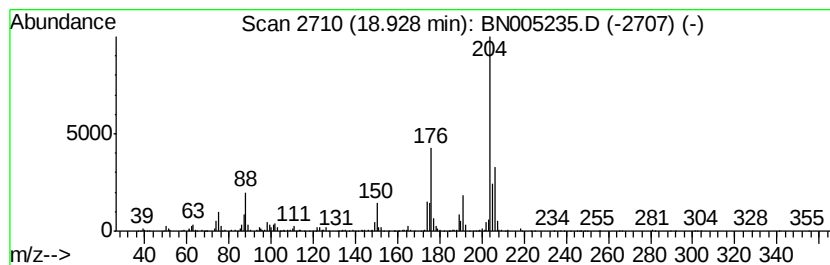
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	4.71 ng/ul	1452700	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4		1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
5		[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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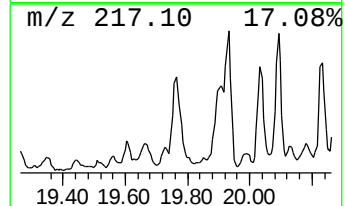
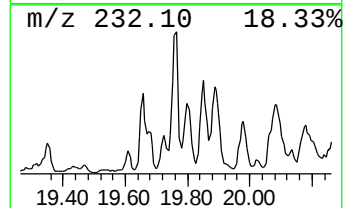
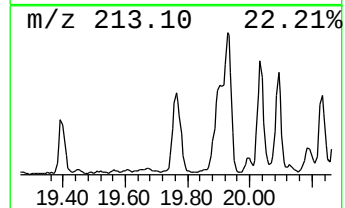
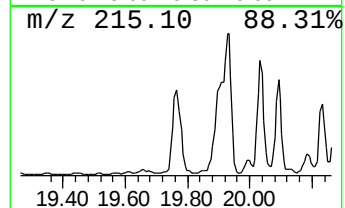
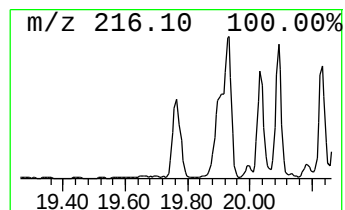
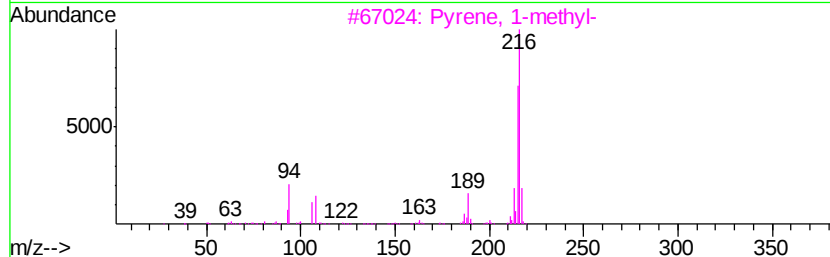
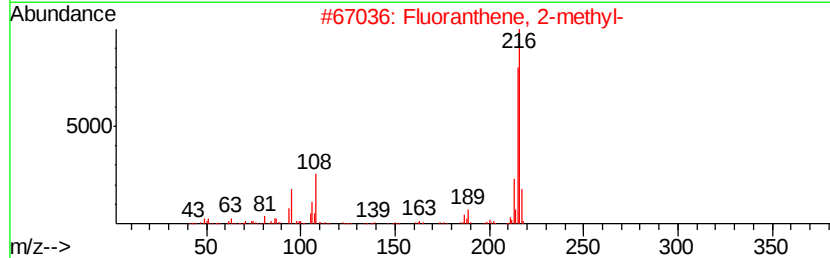
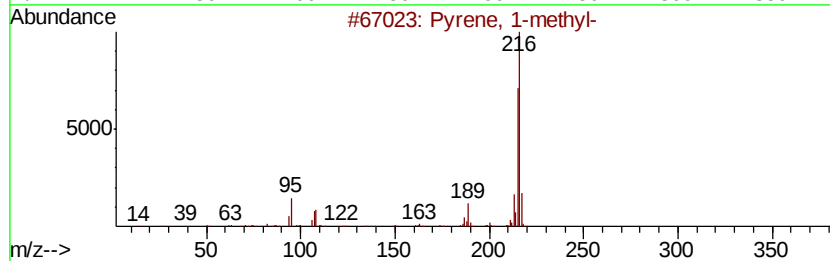
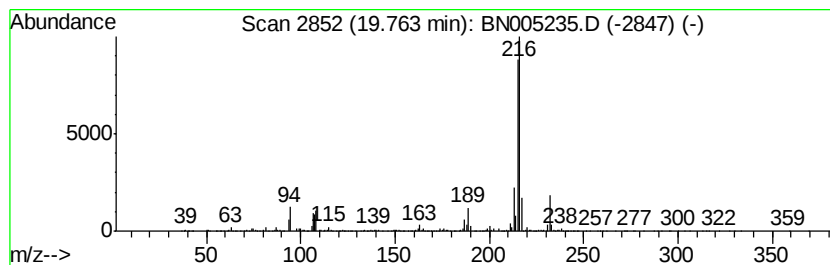
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Pyrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.46 ng/ul	2500130	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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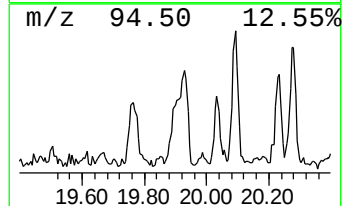
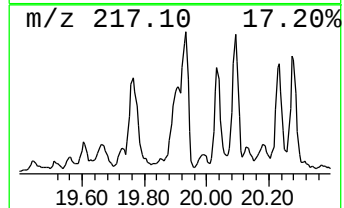
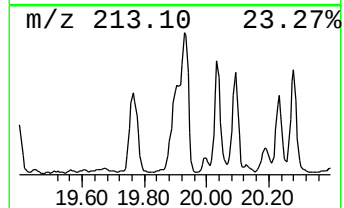
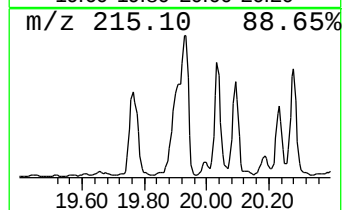
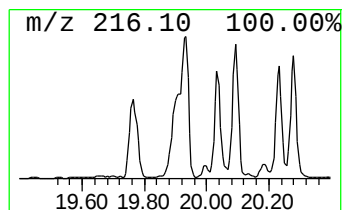
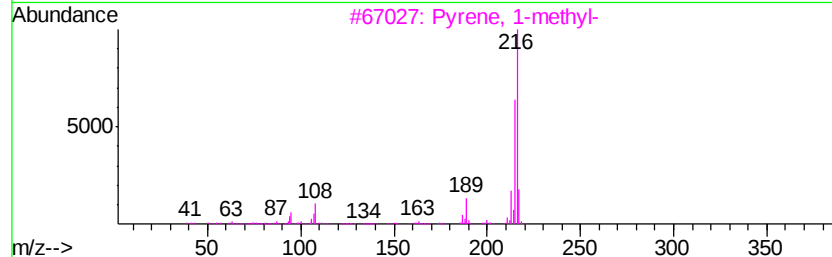
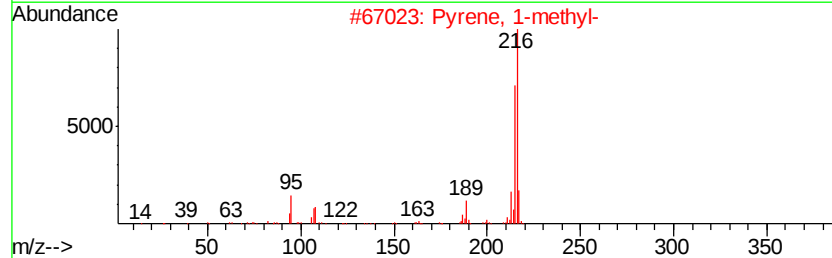
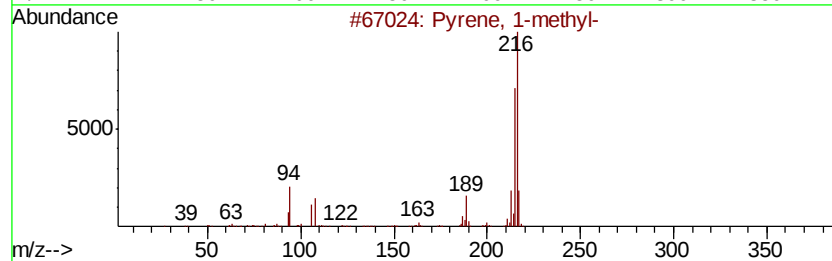
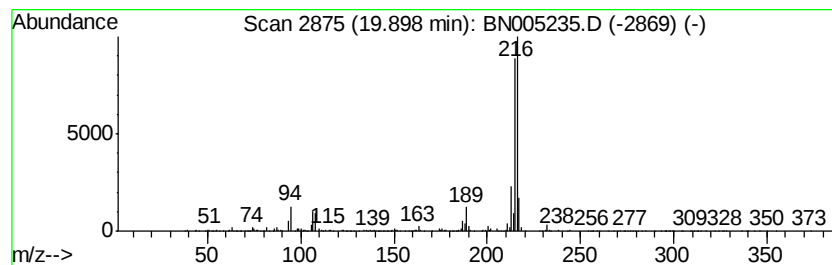
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	4.63 ng/ul	2593450	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

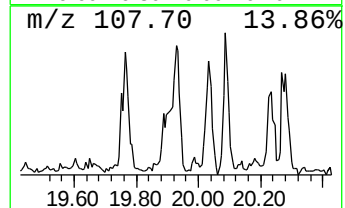
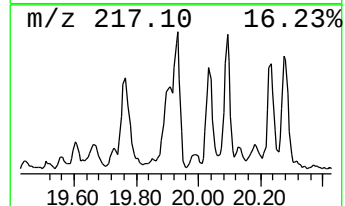
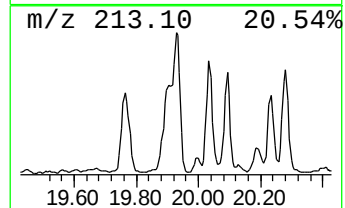
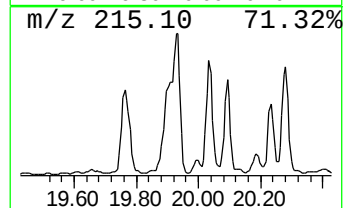
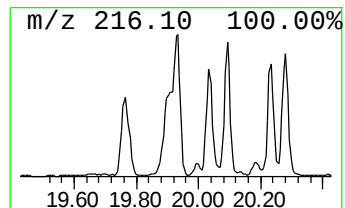
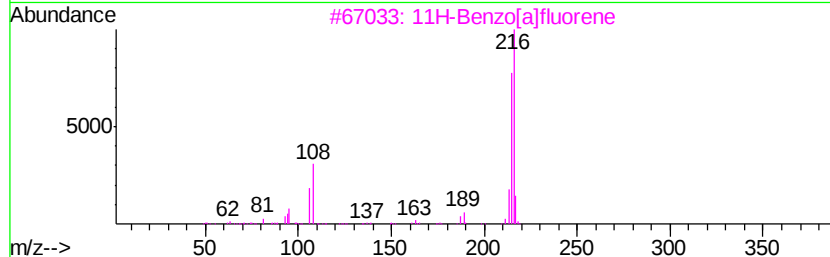
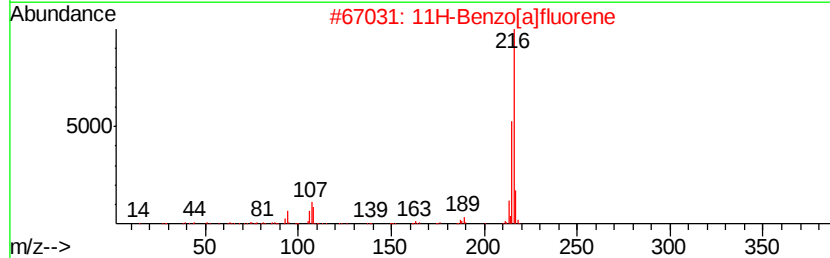
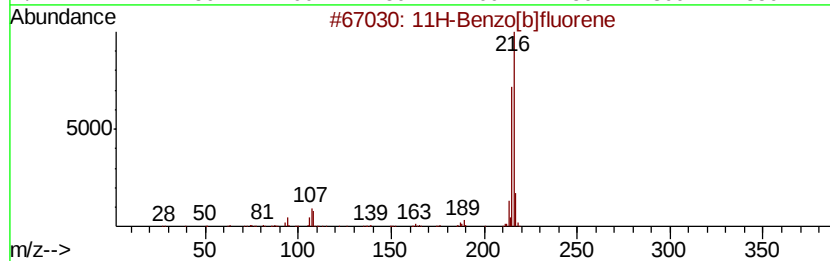
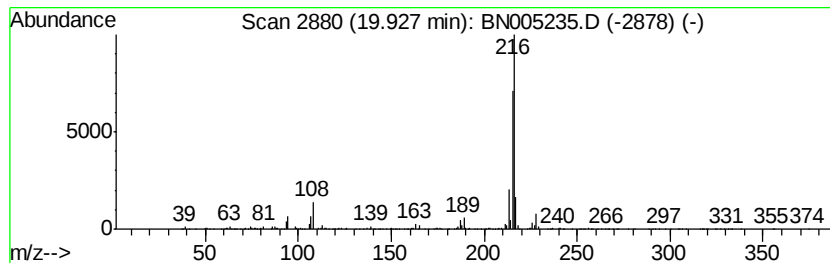
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.70 ng/ul	2635800	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 95
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 90
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

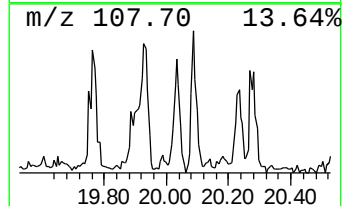
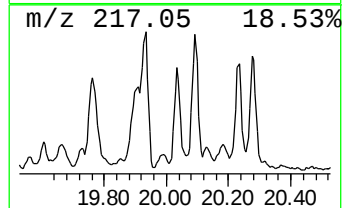
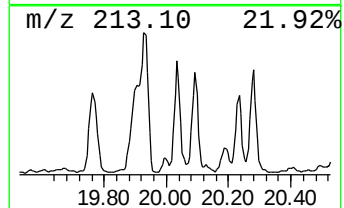
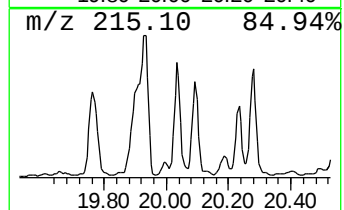
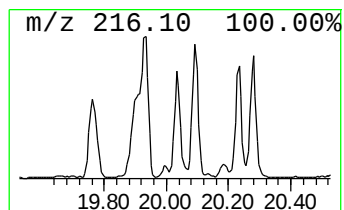
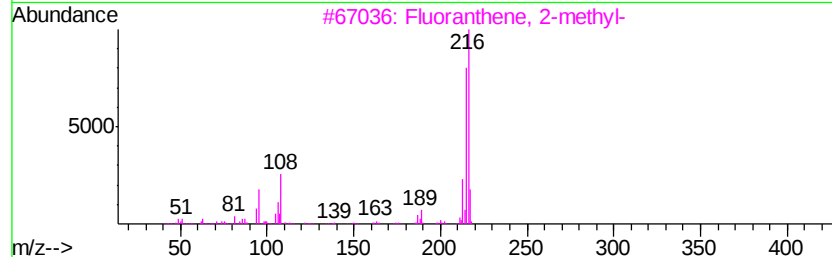
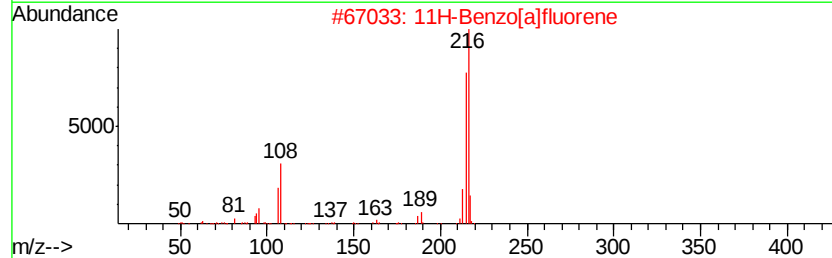
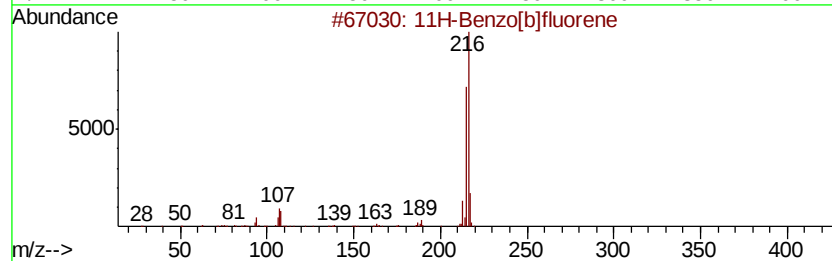
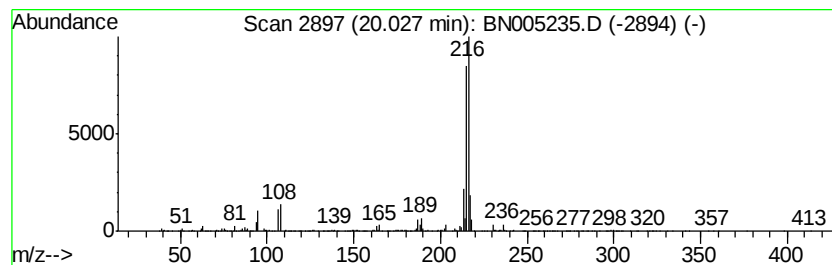
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 11H-Benzo[a]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.85 ng/ul	2155670	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 95
2		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 91
5		Pyrene, 1-methyl-	216 C17H12	002381-21-7 87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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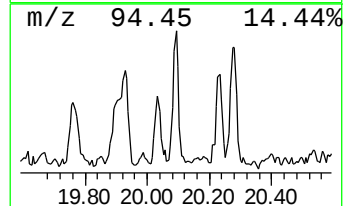
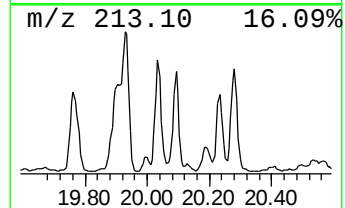
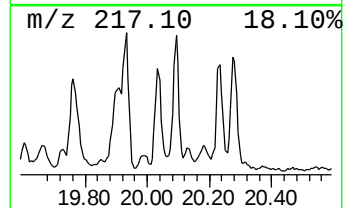
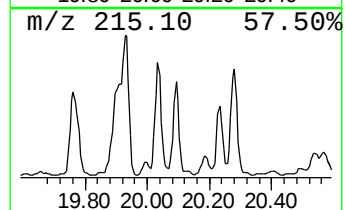
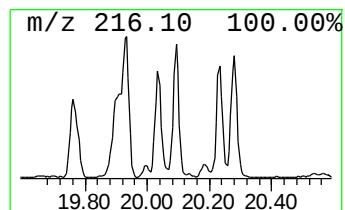
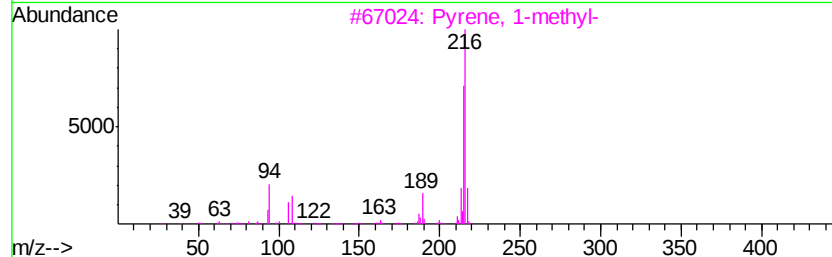
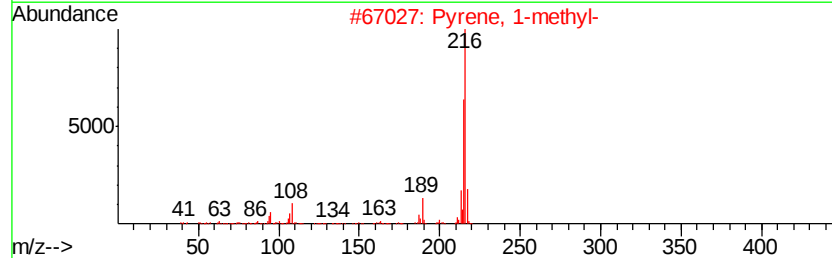
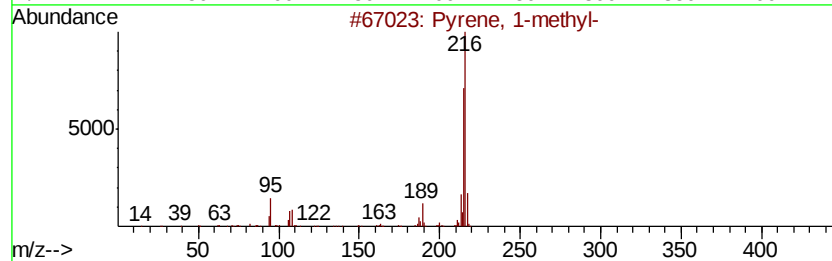
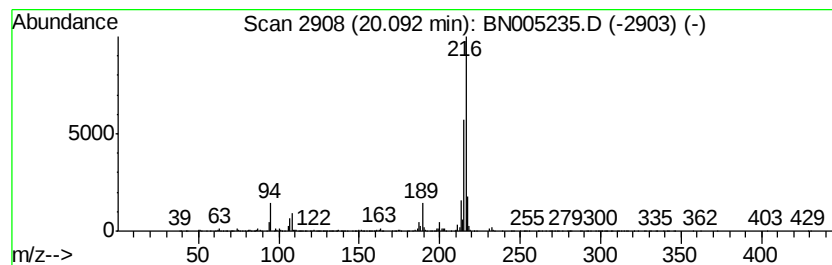
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	4.29 ng/ul	2403980	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3		Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4		Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
5		Pyrene, 2-methyl-	216	C17H12	003442-78-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042319\
Data File : BN005235.D
Acq On : 24 Apr 2019 03:40
Operator : JU/SJ
Sample : K2402-07DL 5X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHH9DL

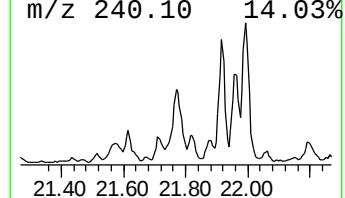
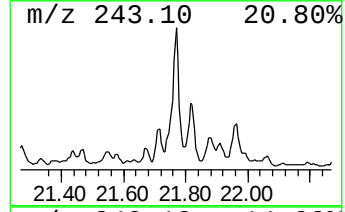
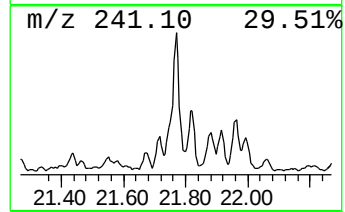
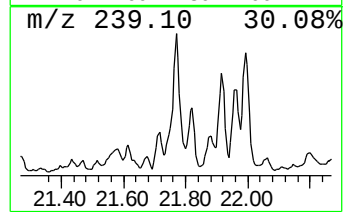
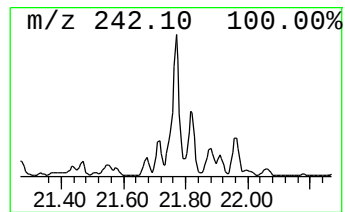
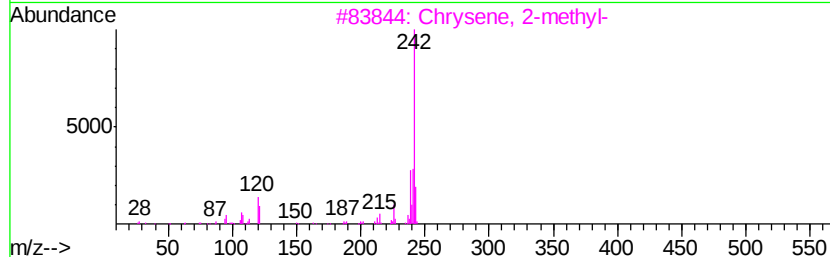
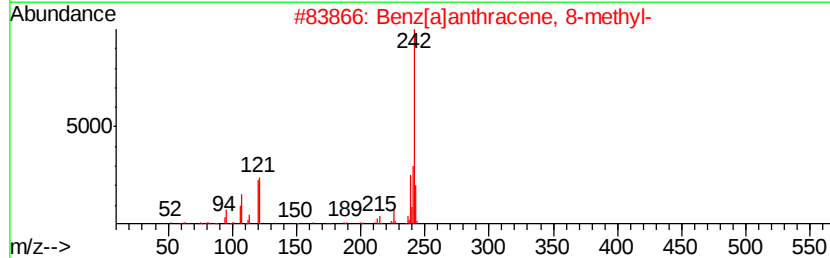
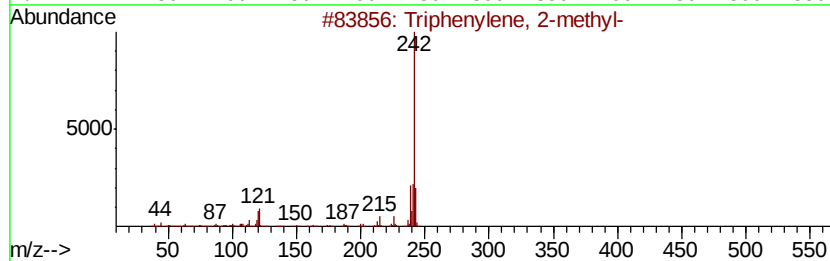
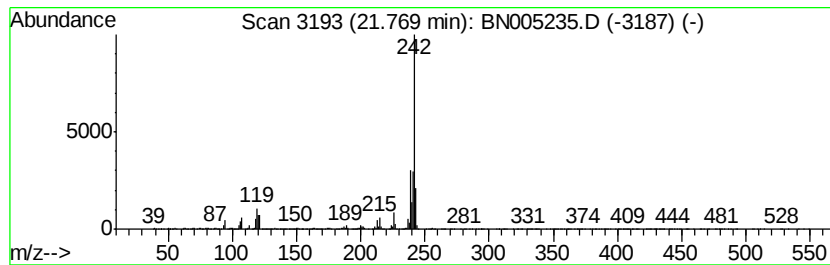
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.77	3.84 ng/ul	2149660	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2			Benz[<i>a</i>]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
3			Chrysene, 2-methyl-	242	C19H14	003351-32-4	95
4			Chrysene, 6-methyl-	242	C19H14	001705-85-7	94
5			Benz[<i>a</i>]anthracene, 7-methyl-	242	C19H14	002541-69-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042319\
 Data File : BN005235.D
 Acq On : 24 Apr 2019 03:40
 Operator : JU/SJ
 Sample : K2402-07DL 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHH9DL

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzocycloheptatr...	11.88	2.4	ng/ul	546460	2	10.36	4641320	20.0
Naphthalene, 1-me...	12.25	2.7	ng/ul	629372	2	10.36	4641320	20.0
(DEL) Alkane: Str...	13.07	3.3	ng/ul	937971	3	14.23	5691400	20.0
Naphthalene, 2,7-...	13.39	2.3	ng/ul	653737	3	14.23	5691400	20.0
(DEL) Alkane: Str...	14.16	3.1	ng/ul	885653	3	14.23	5691400	20.0
Naphthalene, 2-(1...	14.85	3.6	ng/ul	1012440	3	14.23	5691400	20.0
(DEL) Alkane: Str...	15.12	3.6	ng/ul	1014860	3	14.23	5691400	20.0
3-Methyl-4-(metho...	15.98	3.4	ng/ul	1041810	4	16.99	6164690	20.0
9H-Fluorene, 1-me...	16.29	2.4	ng/ul	728285	4	16.99	6164690	20.0
9H-Fluorene, 2-me...	16.35	2.2	ng/ul	670037	4	16.99	6164690	20.0
9H-Fluorene, 2,3-...	17.19	2.4	ng/ul	729173	4	16.99	6164690	20.0
Anthracene, 9-eth...	17.52	2.6	ng/ul	794243	4	16.99	6164690	20.0
Pyrazolo[3,4-d]py...	17.69	2.6	ng/ul	797976	4	16.99	6164690	20.0
Phenanthrene, 2-m...	17.86	5.0	ng/ul	1537600	4	16.99	6164690	20.0
Phenanthrene, 1-m...	17.91	6.9	ng/ul	2129150	4	16.99	6164690	20.0
Anthracene, 2-met...	17.99	2.8	ng/ul	869294	4	16.99	6164690	20.0
4H-Cyclopenta[def...	18.06	13.7	ng/ul	4212940	4	16.99	6164690	20.0
1H-Cyclopropa[l]p...	18.09	3.5	ng/ul	1078240	4	16.99	6164690	20.0
1,2,4,8-Tetrameth...	18.37	3.1	ng/ul	948241	4	16.99	6164690	20.0
Phenanthrene, 3,6...	18.67	2.2	ng/ul	680729	4	16.99	6164690	20.0
9,10-Dimethylanthe...	18.80	7.8	ng/ul	2399140	4	16.99	6164690	20.0
unknown-01	18.86	5.9	ng/ul	1821070	4	16.99	6164690	20.0
unknown-02	18.89	2.4	ng/ul	745393	4	16.99	6164690	20.0
Cyclopenta(def)ph...	18.93	4.7	ng/ul	1452700	4	16.99	6164690	20.0
Pyrene, 4-methyl-	19.76	4.5	ng/ul	2500130	5	21.22	11207300	20.0
Fluoranthene, 2-m...	19.90	4.6	ng/ul	2593450	5	21.22	11207300	20.0
11H-Benzo[b]fluorene	19.93	4.7	ng/ul	2635800	5	21.22	11207300	20.0
11H-Benzo[a]fluorene	20.03	3.9	ng/ul	2155670	5	21.22	11207300	20.0
Pyrene, 1-methyl-	20.09	4.3	ng/ul	2403980	5	21.22	11207300	20.0
Triphenylene, 2-m...	21.77	3.8	ng/ul	2149660	5	21.22	11207300	20.0