

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
 Data File : BN005594.D
 Acq On : 10 May 2019 18:30
 Operator : JU/SJ
 Sample : K2603-06ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58ME

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	9.975	1183	1188	1201	rVB	473213	935128	1.78%	0.210%
2	10.340	1243	1250	1257	rBV	706438	1188544	2.26%	0.267%
3	12.234	1557	1572	1584	rBV	1161696	1929876	3.67%	0.433%
4	13.040	1702	1709	1717	rBV	1656946	2518860	4.79%	0.566%
5	13.375	1757	1766	1767	rBV	1621401	2241196	4.27%	0.503%
6	13.540	1784	1794	1798	rBV	3550709	6077436	11.57%	1.365%
7	13.593	1798	1803	1806	rVV	2074730	3173887	6.04%	0.713%
8	13.634	1806	1810	1813	rVV	1165661	1824496	3.47%	0.410%
9	13.669	1813	1816	1822	rVB2	1499315	2113839	4.02%	0.475%
10	13.775	1827	1834	1838	rVV	2035164	3274742	6.23%	0.735%
11	13.940	1851	1862	1876	rVB2	8550204	14750812	28.07%	3.313%
12	14.198	1899	1906	1914	rBV2	2048442	4205088	8.00%	0.944%
13	14.281	1914	1920	1923	rBV	1309664	2002177	3.81%	0.450%
14	14.310	1923	1925	1929	rVB	896170	991650	1.89%	0.223%
15	14.440	1940	1947	1954	rBV2	749842	1743508	3.32%	0.392%
16	14.622	1967	1978	1986	rBV2	2093156	4141144	7.88%	0.930%
17	14.704	1986	1992	1999	rVB	1358348	1917527	3.65%	0.431%
18	14.834	2007	2014	2020	rBV3	1400068	3183810	6.06%	0.715%
19	14.898	2021	2025	2029	rVV	1108620	1456258	2.77%	0.327%
20	14.993	2036	2041	2043	rBV	629067	912586	1.74%	0.205%
21	15.016	2043	2045	2049	rVV	693764	996846	1.90%	0.224%
22	15.098	2054	2059	2064	rVB	2474464	3384075	6.44%	0.760%
23	15.157	2064	2069	2073	rBV2	656221	1203814	2.29%	0.270%
24	15.222	2074	2080	2084	rVV3	3036167	4945538	9.41%	1.111%
25	15.281	2084	2090	2101	rVB	9304523	15573990	29.64%	3.498%
26	15.375	2101	2106	2107	rBV3	720418	891323	1.70%	0.200%
27	15.398	2107	2110	2114	rVV2	1046512	1561309	2.97%	0.351%
28	15.498	2121	2127	2134	rVB6	595506	1288091	2.45%	0.289%
29	15.569	2134	2139	2146	rBV2	1120539	1807366	3.44%	0.406%
30	15.716	2157	2164	2173	rVB2	813283	1879515	3.58%	0.422%
31	15.957	2199	2205	2209	rBV2	1372528	2183677	4.16%	0.490%
32	16.281	2253	2260	2265	rVV2	2036123	4641698	8.83%	1.042%
33	16.334	2265	2269	2274	rVV	1671943	2366672	4.50%	0.532%
34	16.428	2281	2285	2291	rVB3	990632	1624777	3.09%	0.365%

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35	16.639	2316	2321	2327	rVB	2445575	3517453	6.69%	0.790%
36	16.757	2337	2341	2343	rVV	847772	1047271	1.99%	0.235%
37	16.792	2343	2347	2358	rVB	3473463	5528605	10.52%	1.242%
38	16.981	2373	2379	2381	rBV	1052440	1680197	3.20%	0.377%
39	17.039	2381	2389	2393	rVV2	27364055	52541172	100.00%	11.800%
40	17.081	2393	2396	2398	rVV	1896291	2410648	4.59%	0.541%
41	17.116	2398	2402	2407	rVV	4603877	6406752	12.19%	1.439%
42	17.169	2407	2411	2417	rVV2	656760	1269424	2.42%	0.285%
43	17.498	2462	2467	2472	rVB	1974365	2451989	4.67%	0.551%
44	17.563	2472	2478	2486	rVB3	2194736	3685287	7.01%	0.828%
45	17.704	2498	2502	2509	rVB	1189991	2194074	4.18%	0.493%
46	17.781	2510	2515	2519	rBV2	732830	1140244	2.17%	0.256%
47	17.863	2523	2529	2532	rVV	7070014	10475595	19.94%	2.353%
48	17.910	2532	2537	2542	rVV	8133980	11154001	21.23%	2.505%
49	17.986	2546	2550	2555	rVB	1059080	1396210	2.66%	0.314%
50	18.051	2555	2561	2565	rBV2	8603330	14814570	28.20%	3.327%
51	18.092	2565	2568	2576	rVB	4898339	6357979	12.10%	1.428%
52	18.192	2579	2585	2589	rBV3	609251	970302	1.85%	0.218%
53	18.363	2609	2614	2618	rVV	3939076	5641152	10.74%	1.267%
54	18.416	2618	2623	2632	rVB2	3931264	6019548	11.46%	1.352%
55	18.616	2654	2657	2661	rVV2	867137	1191179	2.27%	0.268%
56	18.663	2661	2665	2669	rVV	1087111	1398424	2.66%	0.314%
57	18.704	2669	2672	2677	rVB	784045	1082271	2.06%	0.243%
58	18.792	2677	2687	2690	rBV2	3145458	6029487	11.48%	1.354%
59	18.828	2690	2693	2700	rVV4	2926135	6718742	12.79%	1.509%
60	18.886	2700	2703	2707	rVB	1499945	1829074	3.48%	0.411%
61	18.939	2707	2712	2719	rBV3	1777635	3748794	7.13%	0.842%
62	19.063	2724	2733	2739	rVB	15351090	23055011	43.88%	5.178%
63	19.128	2740	2744	2747	rBV	822070	1088775	2.07%	0.245%
64	19.210	2753	2758	2763	rVB	5471819	7085374	13.49%	1.591%
65	19.269	2763	2768	2771	rBV2	1130335	1544501	2.94%	0.347%
66	19.333	2776	2779	2784	rVB	734600	1036073	1.97%	0.233%
67	19.433	2785	2796	2804	rVB	18701127	33540596	63.84%	7.533%
68	19.504	2804	2808	2813	rVB3	942948	1567340	2.98%	0.352%
69	19.757	2846	2851	2861	rBV2	1992688	4281334	8.15%	0.962%
70	19.898	2869	2875	2877	rBV3	1836957	3279715	6.24%	0.737%
71	19.928	2877	2880	2884	rVB	3343708	4347783	8.28%	0.976%

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72	20.033	2894	2898	2903	rBV	1614129	2008633	3.82%	0.451%
73	20.092	2903	2908	2912	rBV	2683619	3329789	6.34%	0.748%
74	20.228	2927	2931	2935	rVV	1939859	2534347	4.82%	0.569%
75	20.275	2935	2939	2944	rVB	2505950	3079975	5.86%	0.692%
76	20.692	3005	3010	3016	rVB	1682816	2431111	4.63%	0.546%
77	20.851	3028	3037	3041	rVV2	1981995	3744272	7.13%	0.841%
78	20.892	3041	3044	3047	rVV	2150183	2568886	4.89%	0.577%
79	20.933	3047	3051	3055	rVV	1527120	2343270	4.46%	0.526%
80	20.992	3055	3061	3067	rVB2	1963965	3194078	6.08%	0.717%
81	21.098	3075	3079	3091	rVB	572131	1080679	2.06%	0.243%
82	21.204	3091	3097	3102	rBV2	9518098	15500929	29.50%	3.481%
83	21.257	3102	3106	3112	rVV	7645219	10259499	19.53%	2.304%
84	21.427	3131	3135	3150	rVB	2691751	4234663	8.06%	0.951%
85	21.775	3187	3194	3198	rVV	1749293	2889365	5.50%	0.649%
86	21.822	3198	3202	3207	rVB	1168686	1614806	3.07%	0.363%
87	21.892	3208	3214	3216	rBV3	648631	1038470	1.98%	0.233%
88	21.963	3222	3226	3229	rBV2	893413	1255624	2.39%	0.282%
89	21.992	3229	3231	3236	rVB2	791803	1033645	1.97%	0.232%
90	22.416	3299	3303	3308	rVB2	617001	1006200	1.92%	0.226%
91	22.780	3358	3365	3370	rBV2	3455749	8151718	15.51%	1.831%
92	22.939	3387	3392	3399	rBV	1060831	1879043	3.58%	0.422%
93	23.239	3437	3443	3448	rBV	2130135	3896251	7.42%	0.875%
94	23.292	3448	3452	3455	rVV2	1060876	1919446	3.65%	0.431%
95	23.333	3455	3459	3466	rVV	3376620	5724512	10.90%	1.286%
96	23.427	3470	3475	3479	rVV	759709	1457272	2.77%	0.327%
97	23.474	3479	3483	3492	rVB3	585534	1267686	2.41%	0.285%
98	25.116	3756	3762	3779	rVB4	359509	1610593	3.07%	0.362%
99	25.615	3838	3847	3857	rVB	1198923	3249394	6.18%	0.730%
100	26.280	3951	3960	3973	rVB	846370	2495857	4.75%	0.561%

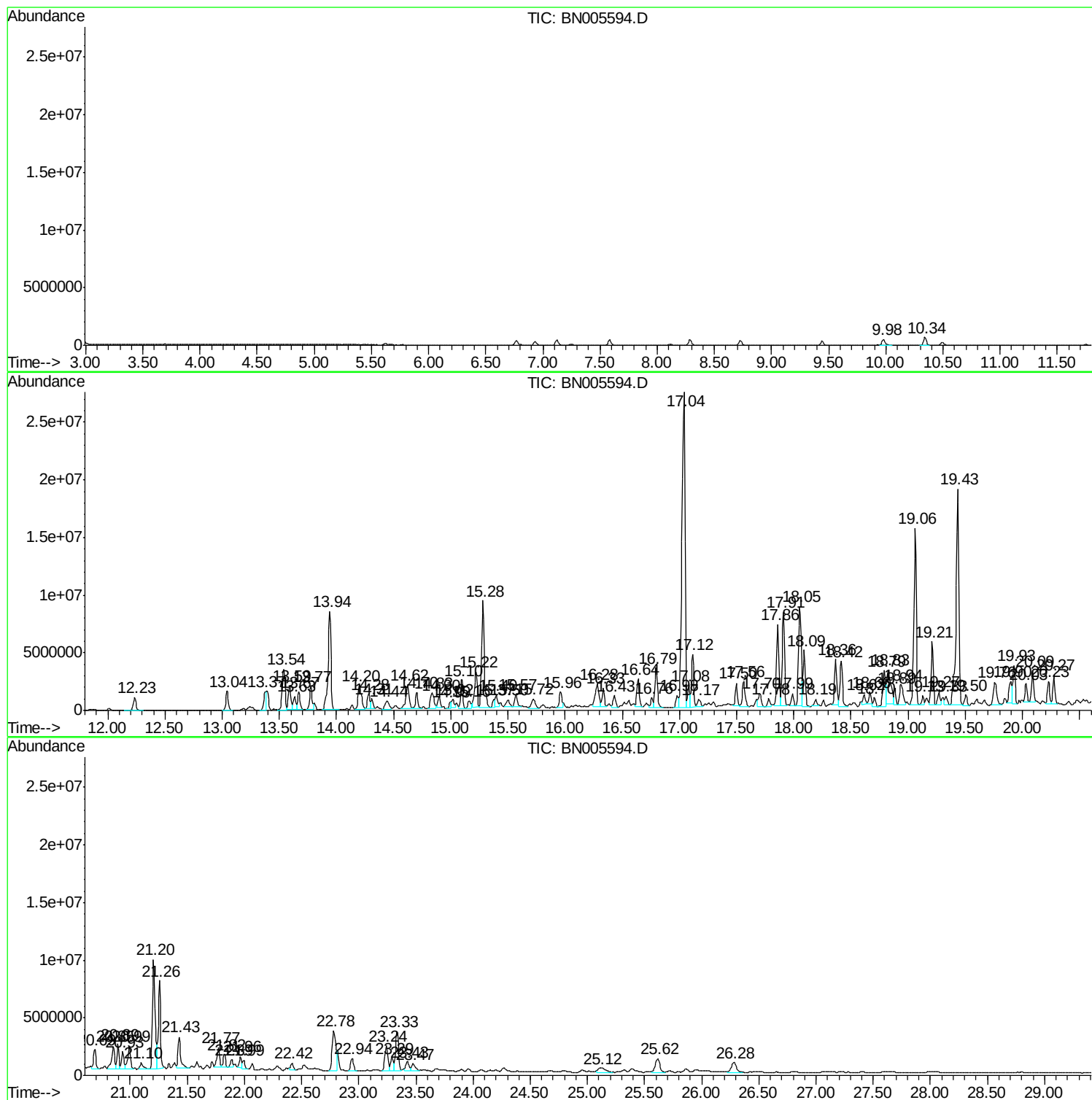
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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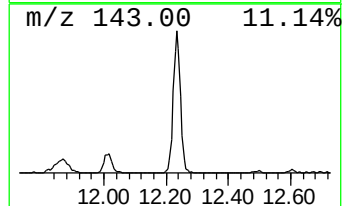
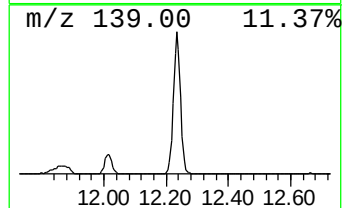
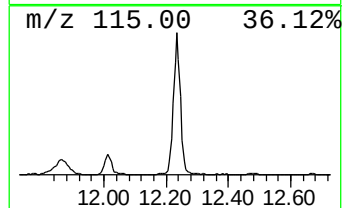
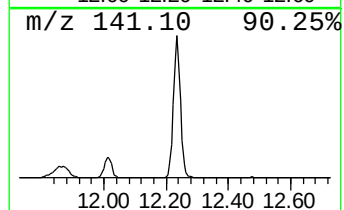
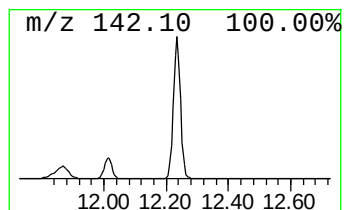
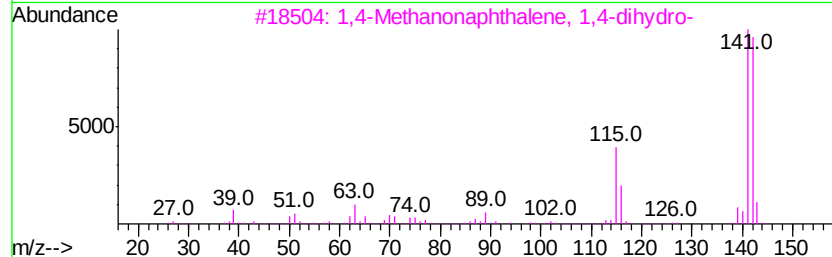
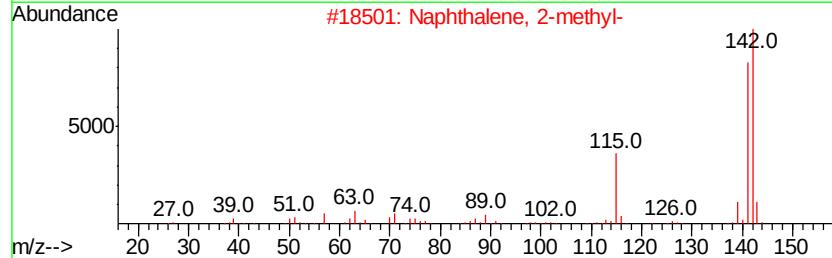
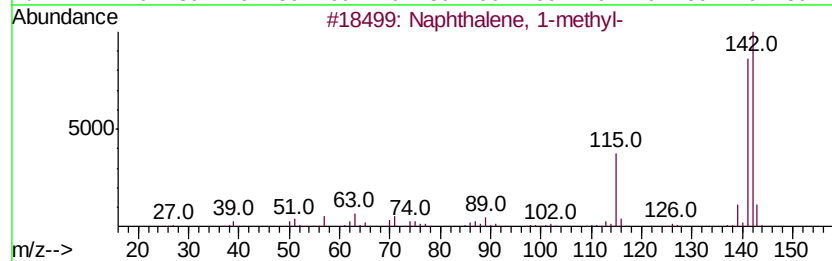
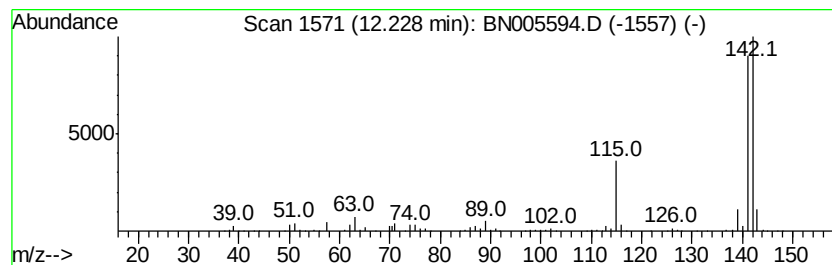
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	32.47 ng/ul	1929880	Naphthalene-d8	10.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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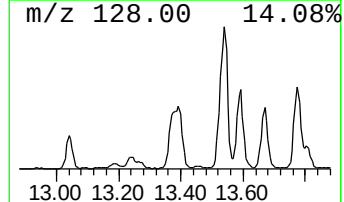
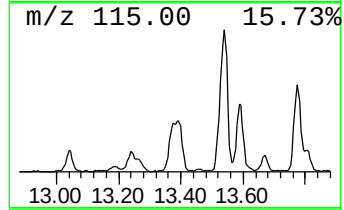
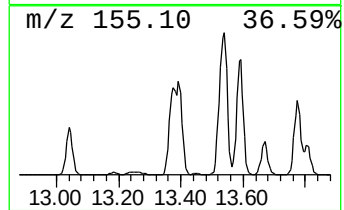
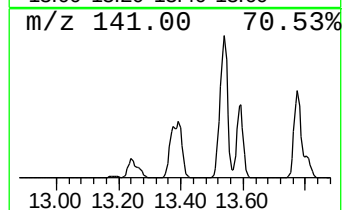
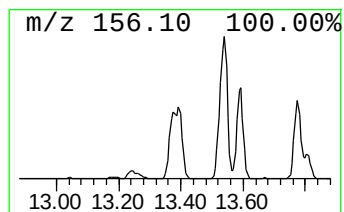
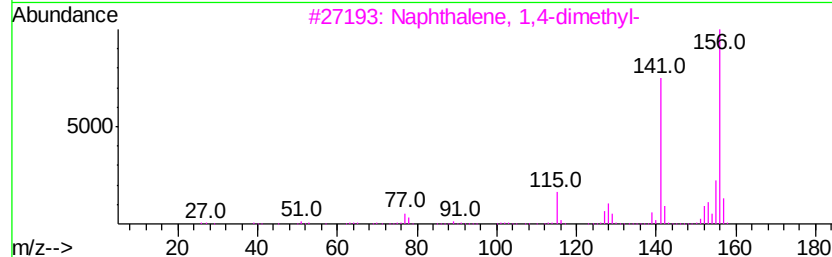
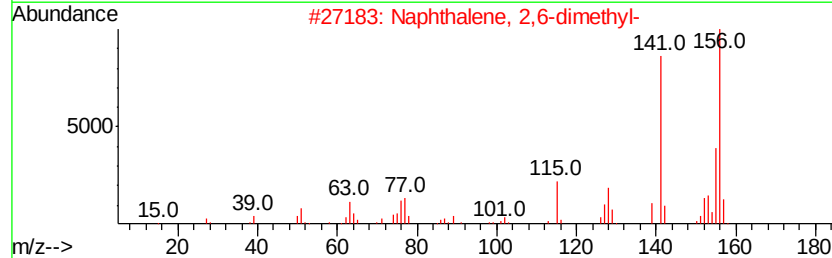
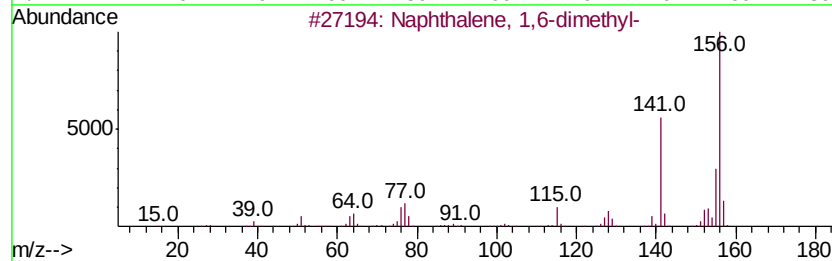
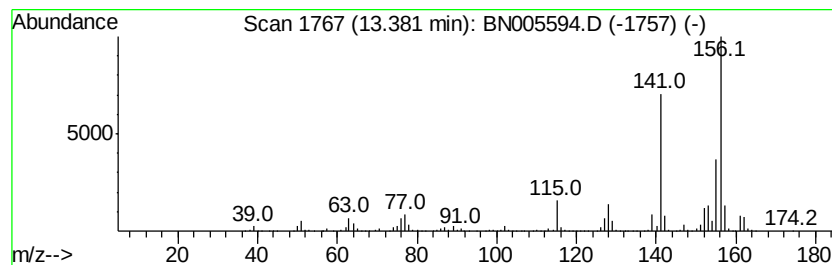
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	10.66 ng/ul	2241200	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96



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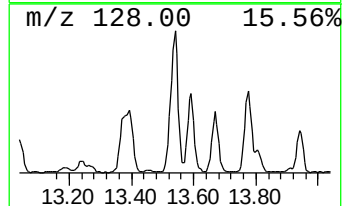
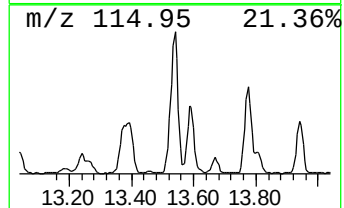
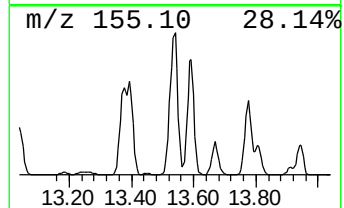
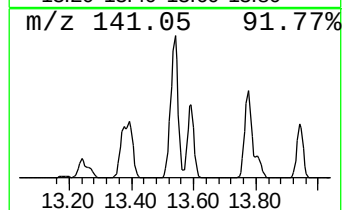
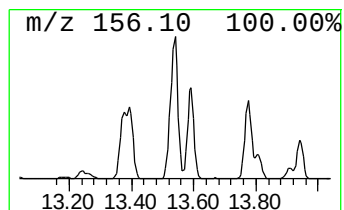
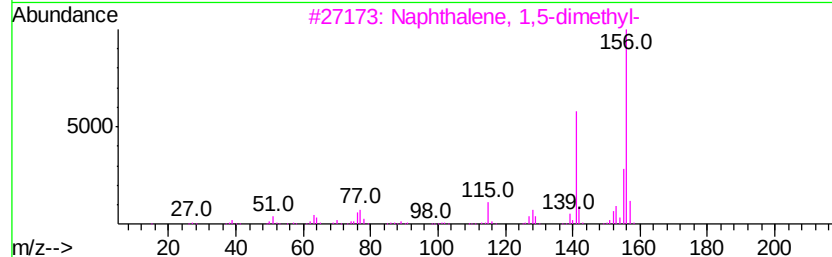
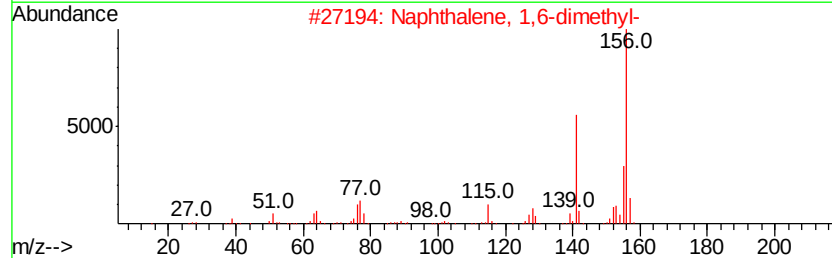
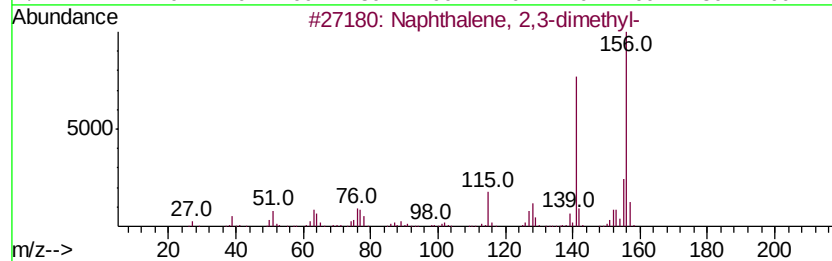
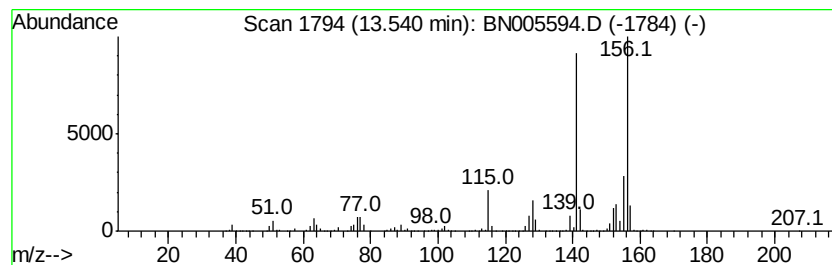
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	28.91 ng/ul	6077440	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

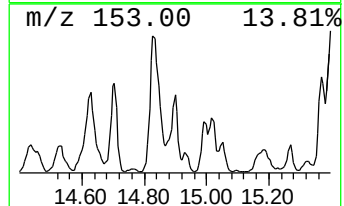
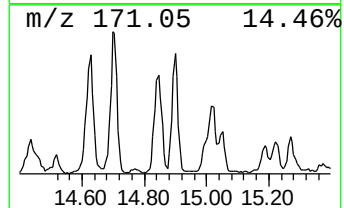
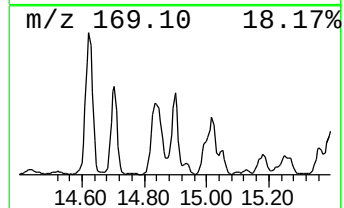
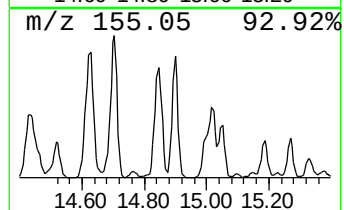
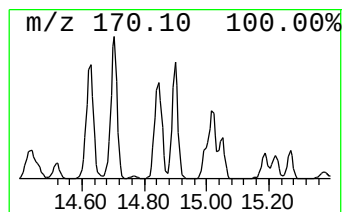
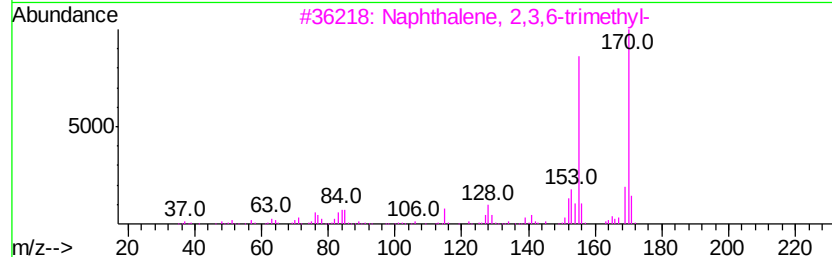
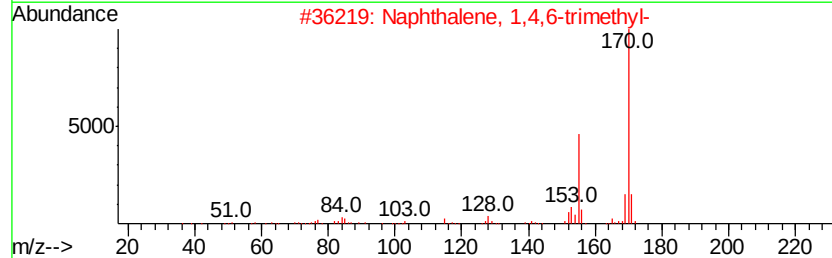
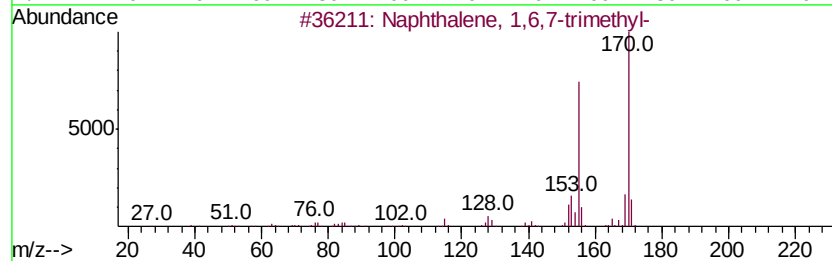
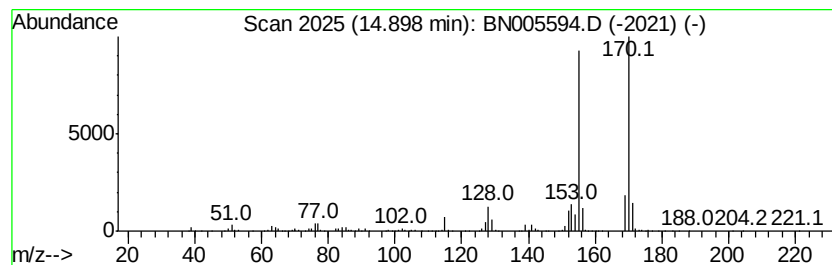
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Naphthalene, 1,6,7-trimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.90	6.93 ng/ul	1456260	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 95
2		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 95
3		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 90
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 86
5		Naphthalene, 2-(1-methylethyl)-	170 C13H14	002027-17-0 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Sample : K2603-06ME
Misc :
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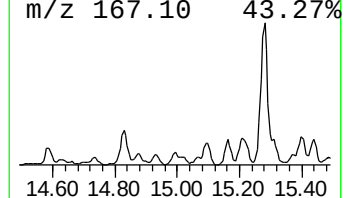
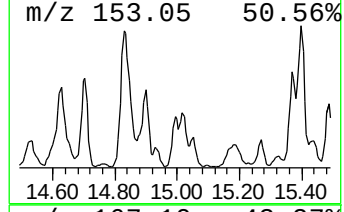
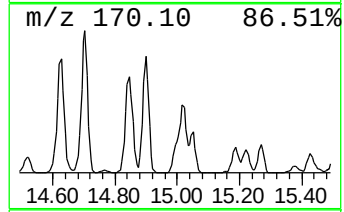
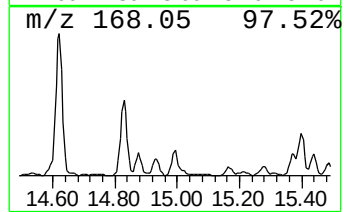
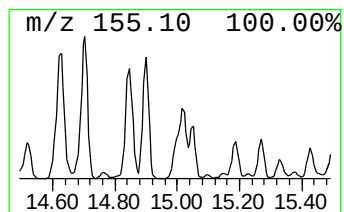
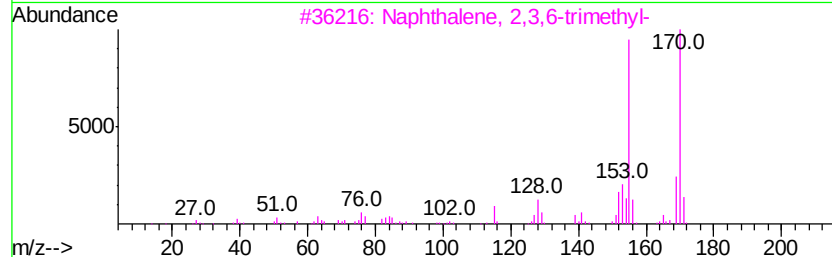
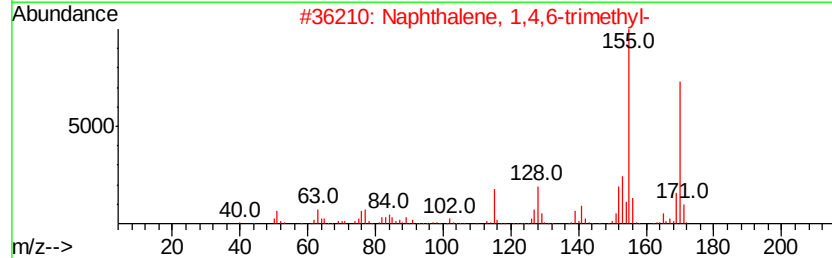
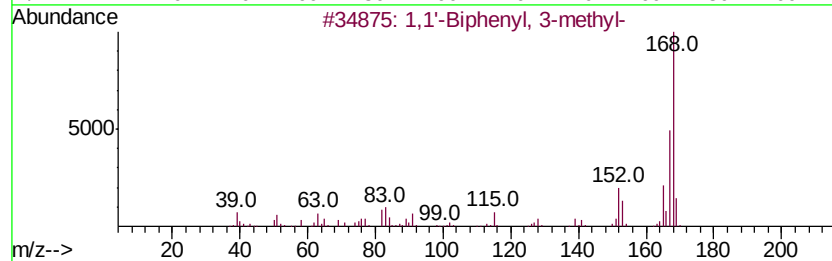
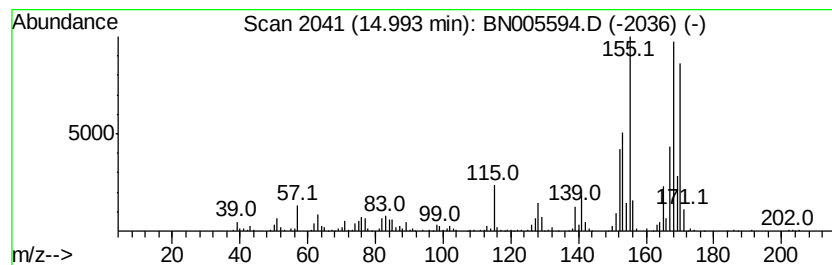
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 1,1'-Biphenyl, 3-methyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD		R.T.
14.99	4.34 ng/ul	912586	Acenaphthene-d10		14.22
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
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Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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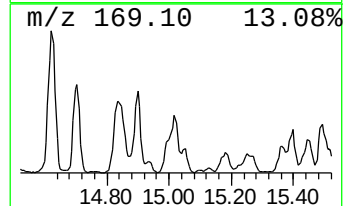
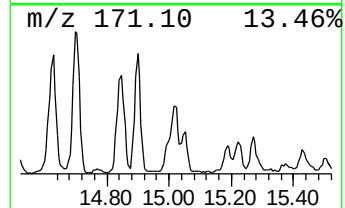
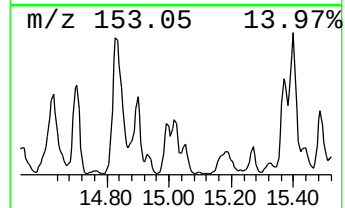
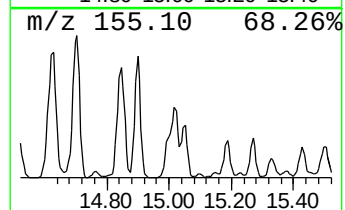
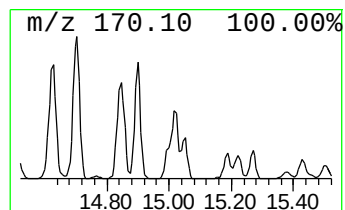
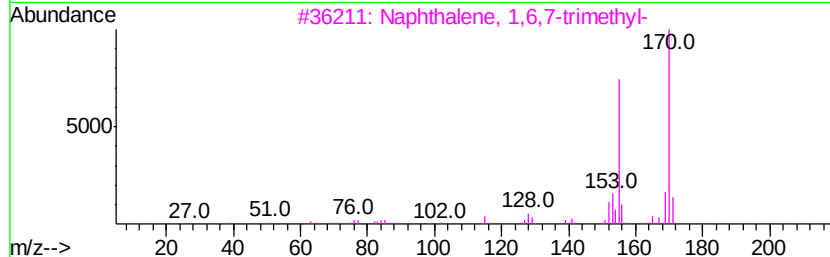
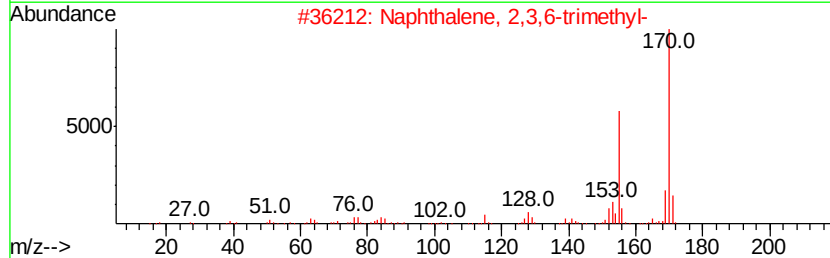
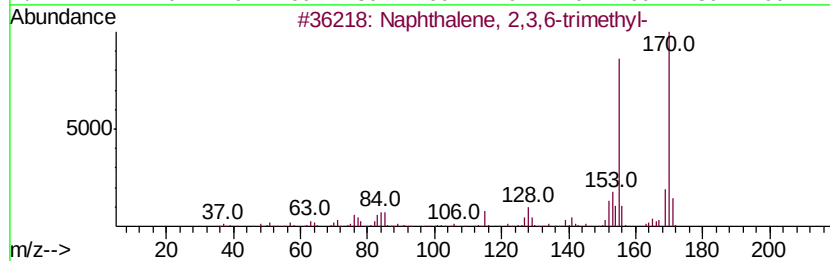
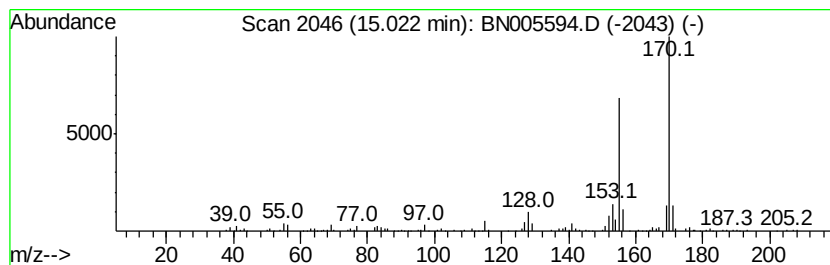
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.02	4.74 ng/ul	996846	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
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Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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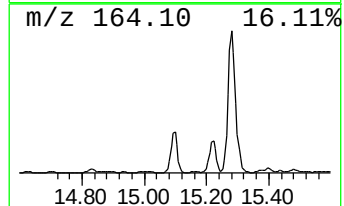
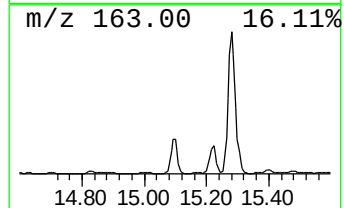
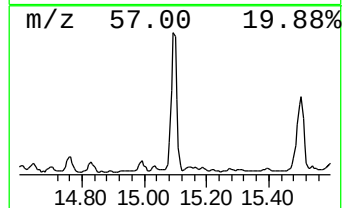
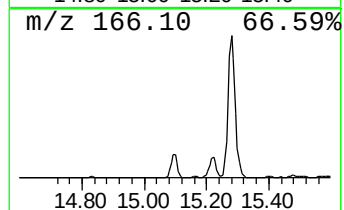
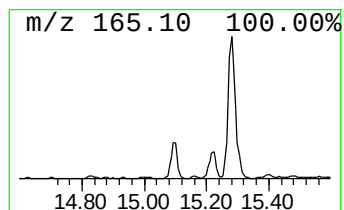
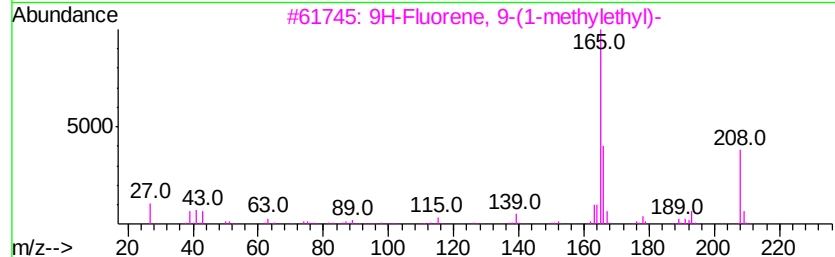
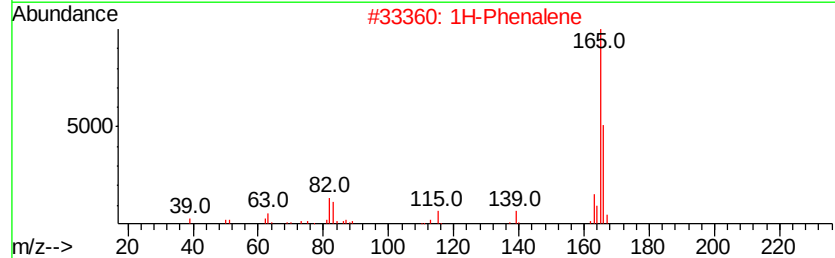
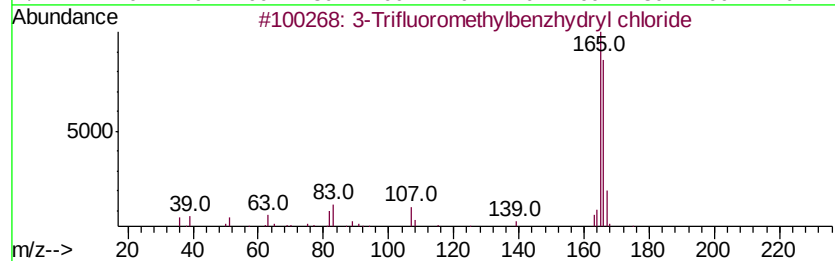
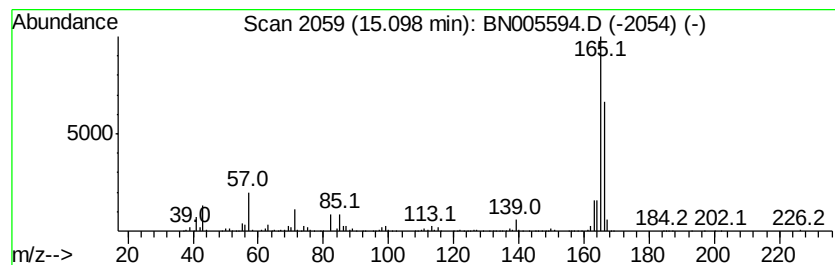
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 3-Trifluoromethylbenzhydryl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	16.10 ng/ul	3384080	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	64
2		1H-Phenylene	166	C13H10	000203-80-5	64
3		9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	59
4		Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	53
5		Fluorene-9-methanol	196	C14H12O	024324-17-2	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
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Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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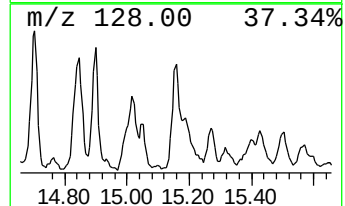
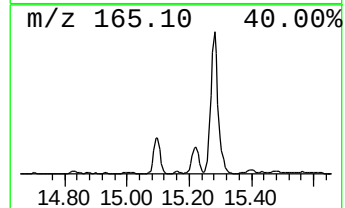
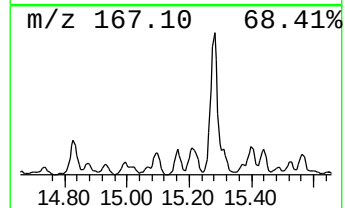
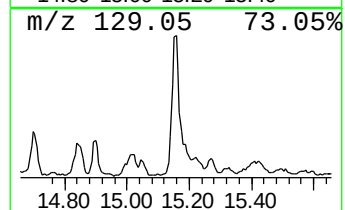
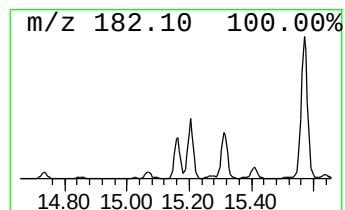
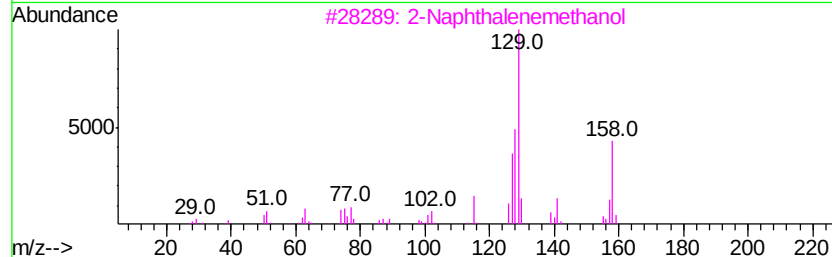
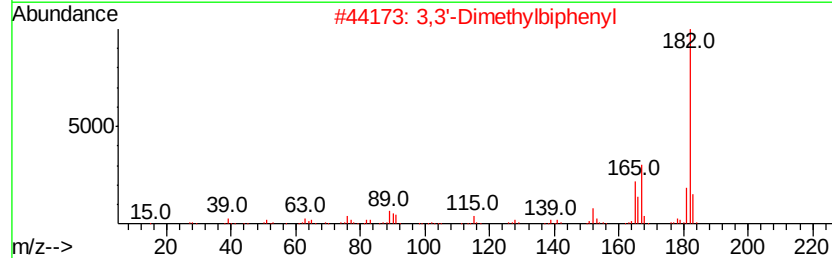
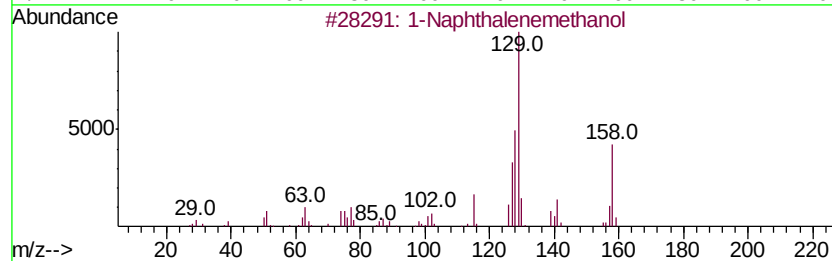
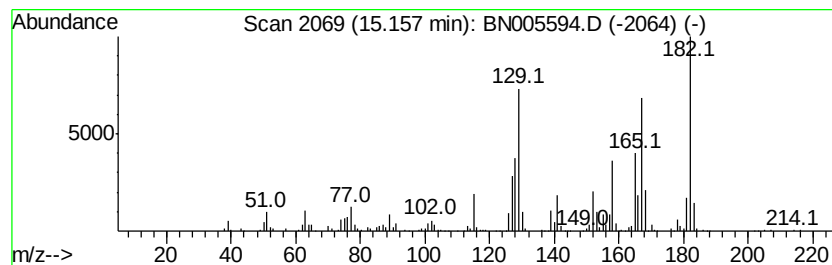
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 1-Naphthalenemethanol Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	5.73 ng/ul	1203810	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenemethanol	158	C11H10O	004780-79-4	91
2			3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	78
3			2-Naphthalenemethanol	158	C11H10O	001592-38-7	68
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	64
5			4-Ethylbiphenyl	182	C14H14	005707-44-8	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
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Acq On : 10 May 2019 18:30
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Misc :
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Instrument :
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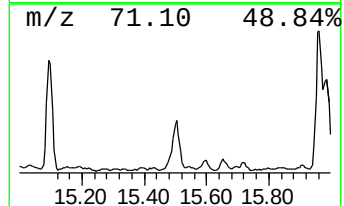
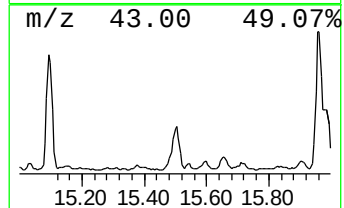
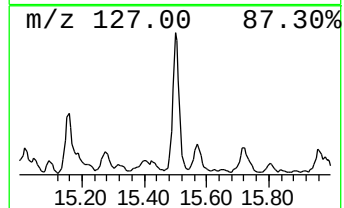
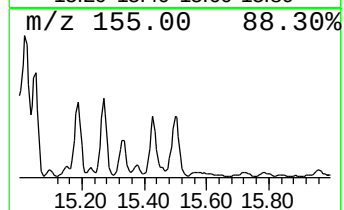
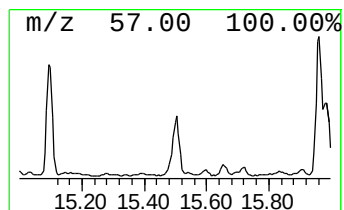
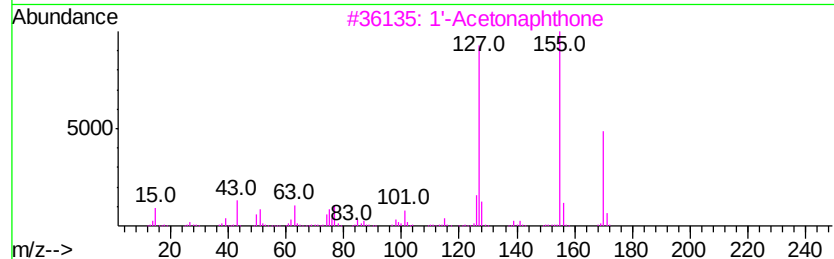
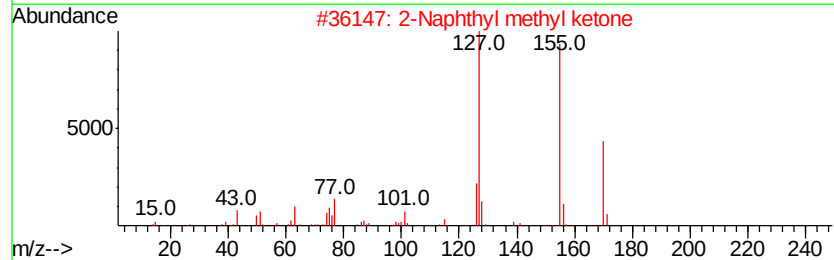
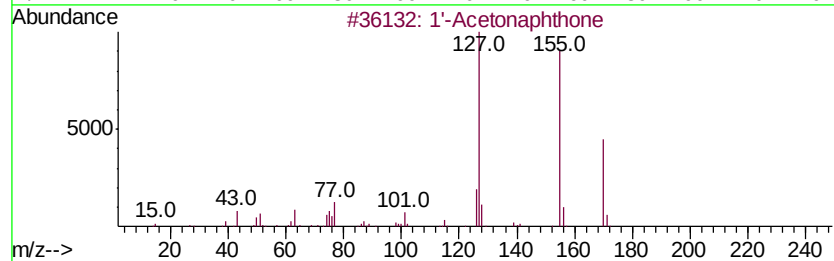
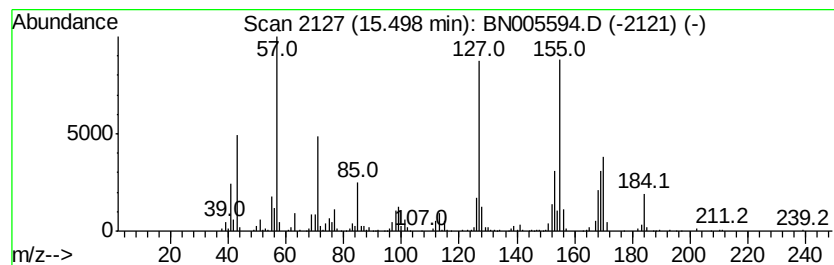
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1'-Acetonaphthone Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	6.13 ng/ul	1288090	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1'-Acetonaphthone	170	C12H10O	000941-98-0	95
2			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	95
3			1'-Acetonaphthone	170	C12H10O	000941-98-0	90
4			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	87
5			2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
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Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

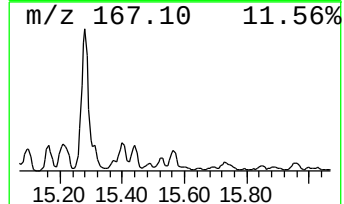
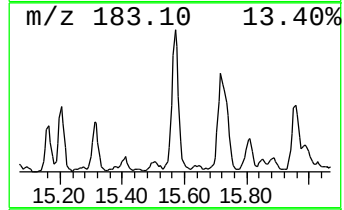
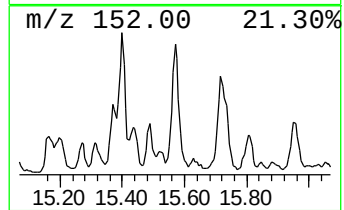
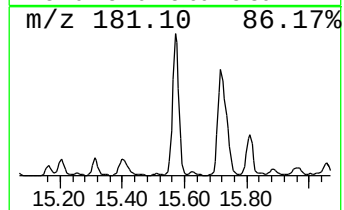
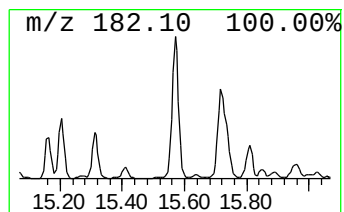
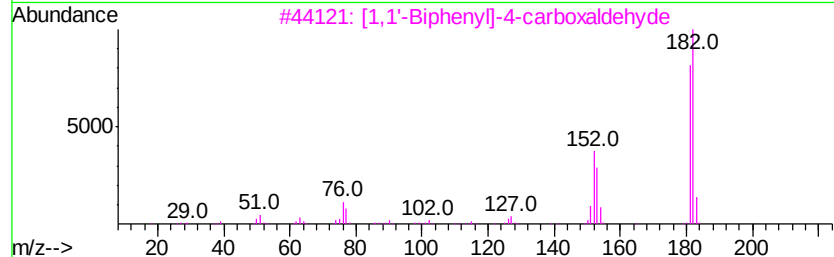
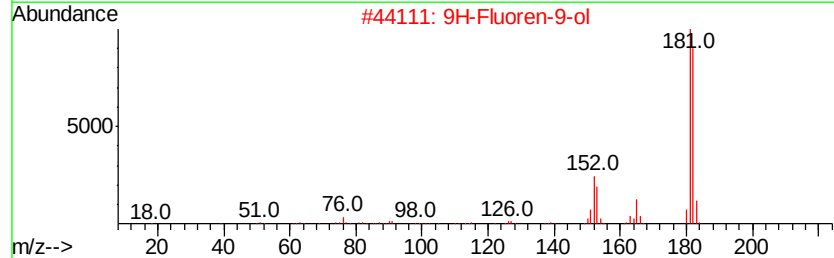
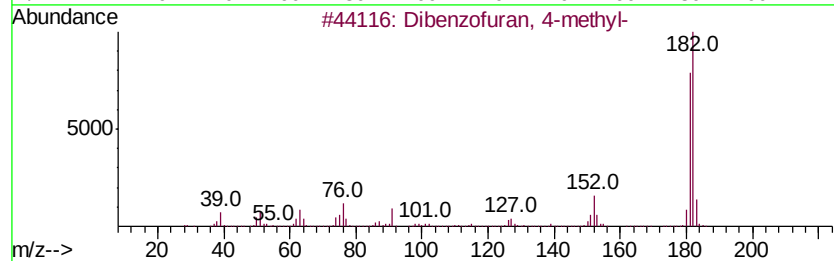
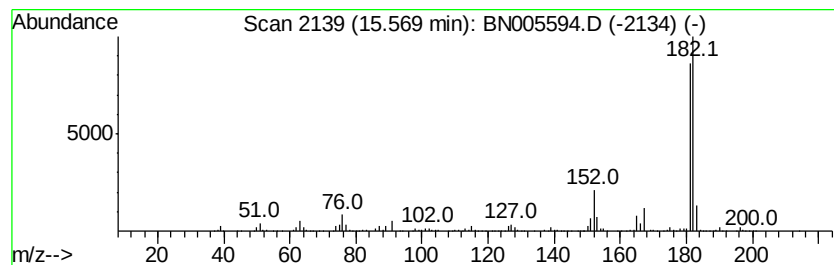
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	8.60 ng/ul	1807370	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Dibenzofuran, 4-methyl-	182 C13H10O	007320-53-8 80
2		9H-Fluoren-9-ol	182 C13H10O	001689-64-1 80
3		[1,1'-Biphenyl]-4-carboxaldehyde	182 C13H10O	003218-36-8 76
4		Benzaldehyde, 4-hydroxy-3,5-dime...	182 C9H10O4	000134-96-3 64
5		2-Fluorenamine	181 C13H11N	000153-78-6 55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

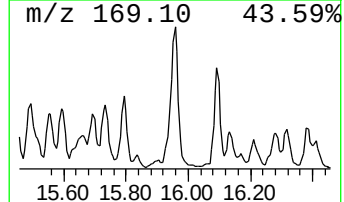
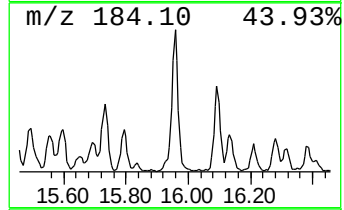
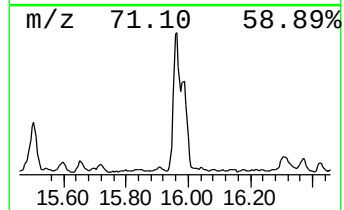
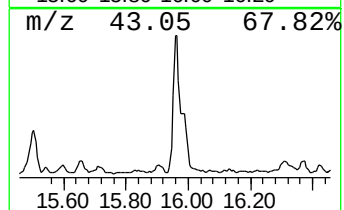
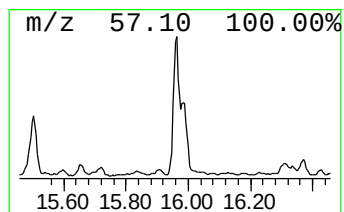
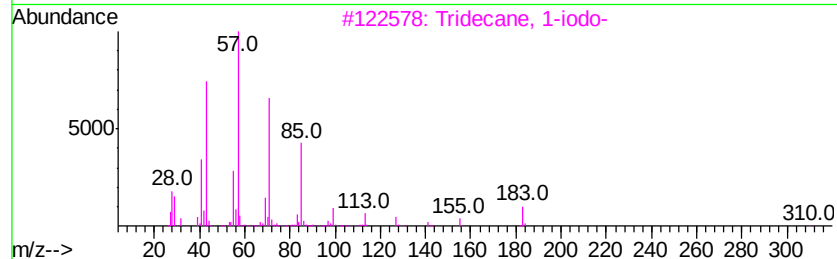
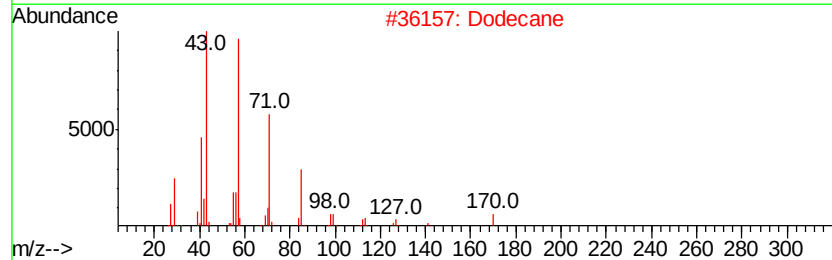
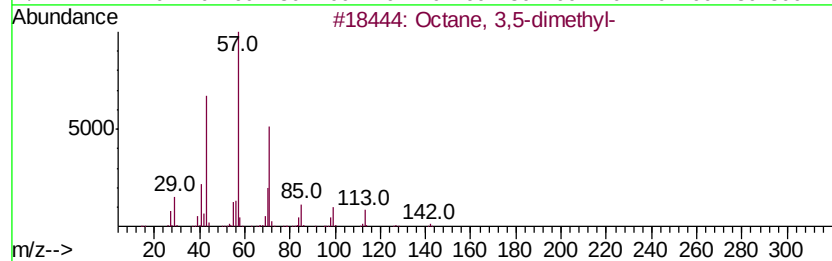
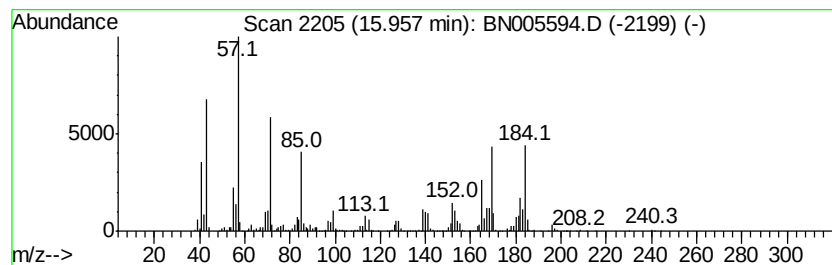
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	25.99 ng/ul	2183680	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	44
2		Dodecane	170	C12H26	000112-40-3	42
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	38
4		Dodecane	170	C12H26	000112-40-3	35
5		Heptacosane	380	C27H56	000593-49-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

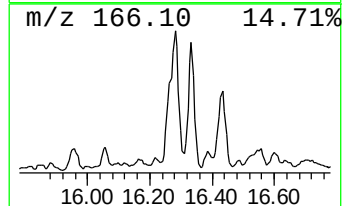
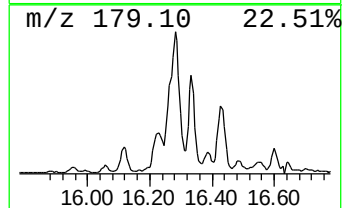
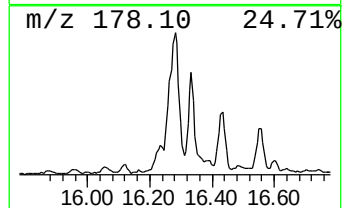
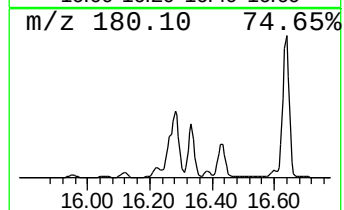
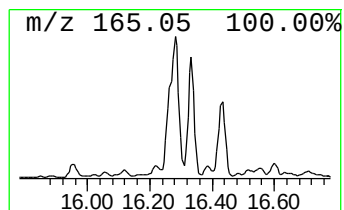
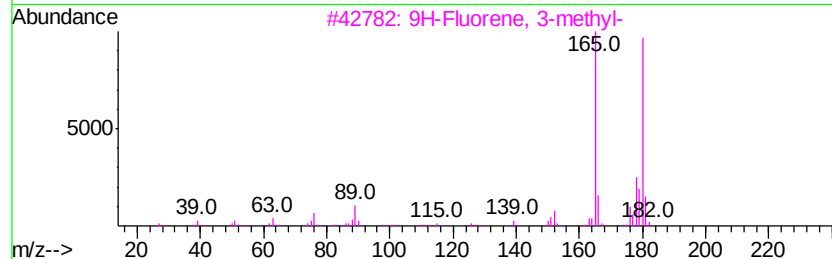
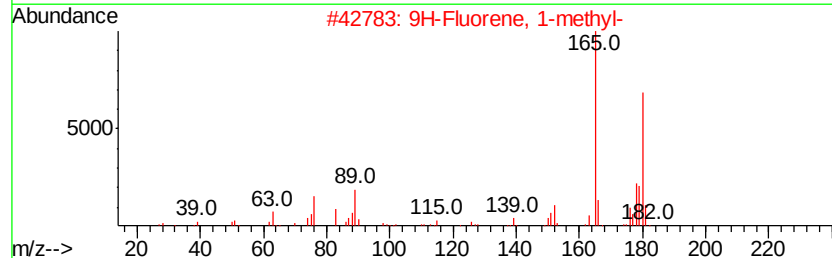
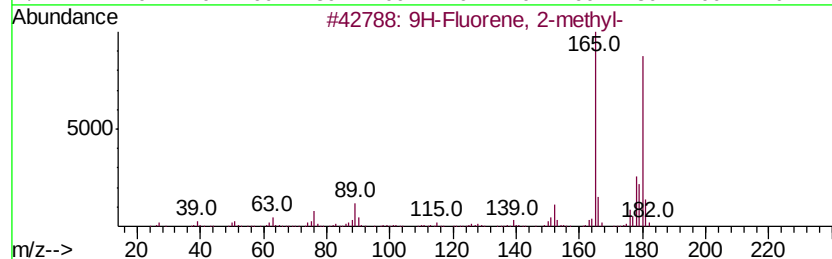
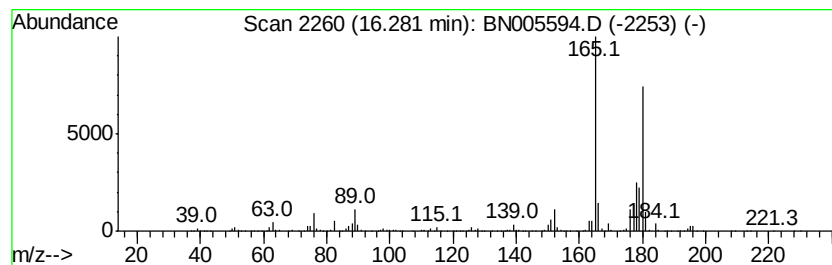
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9H-Fluorene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	55.25 ng/ul	4641700	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	92
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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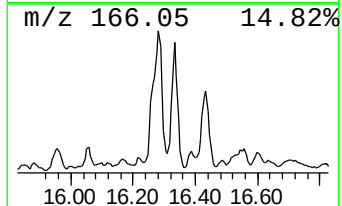
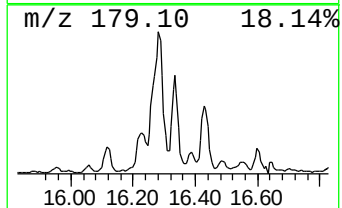
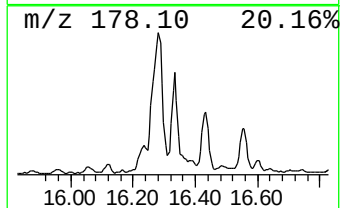
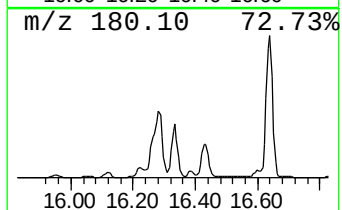
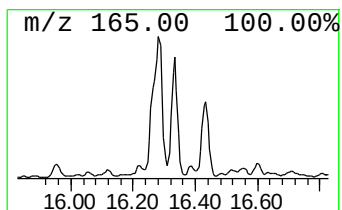
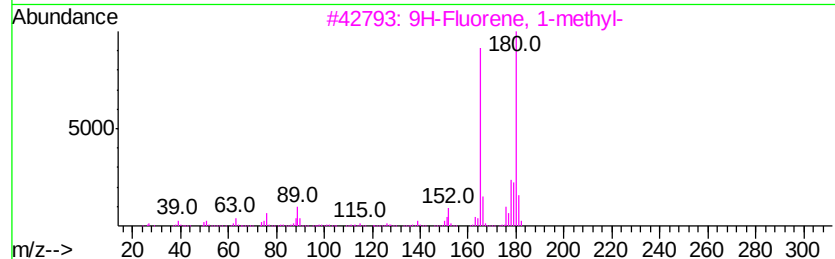
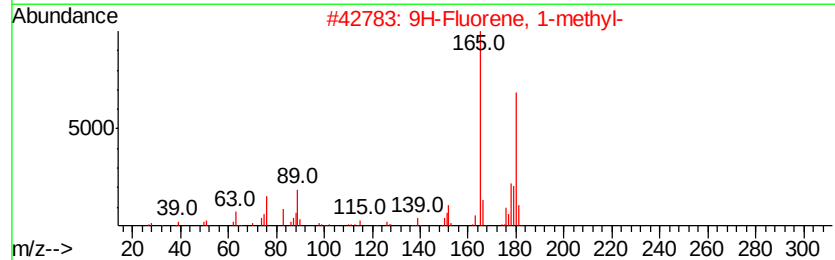
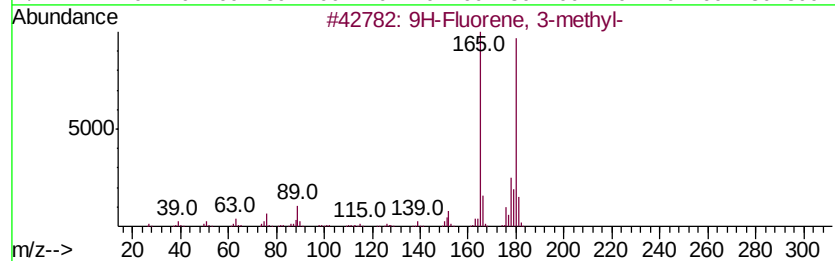
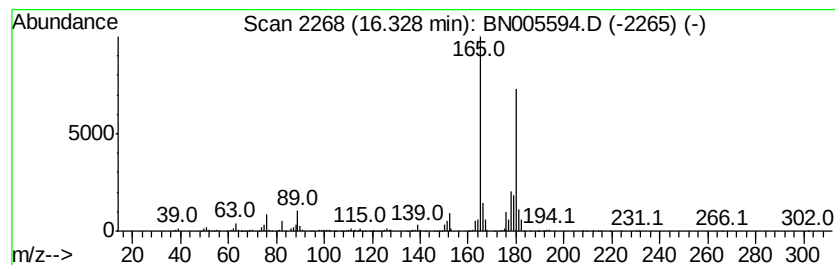
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.33	28.17 ng/ul	2366670	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
5		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

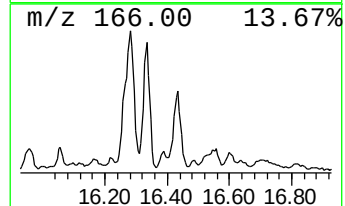
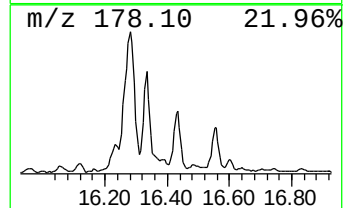
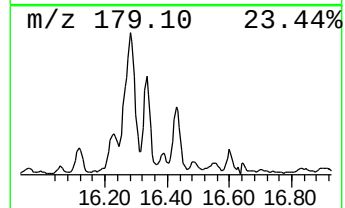
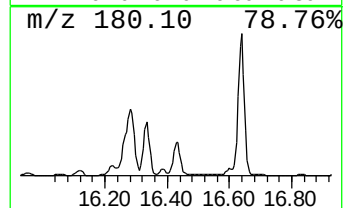
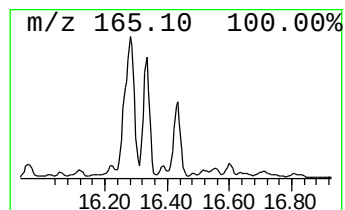
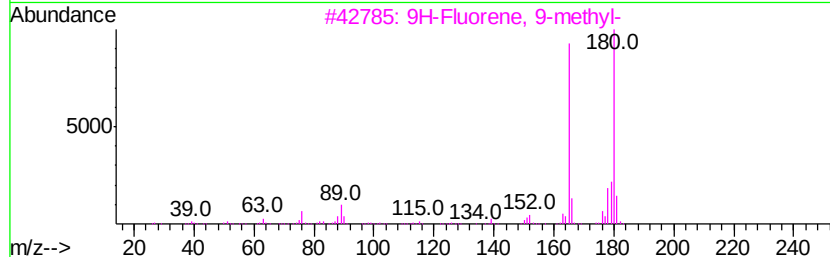
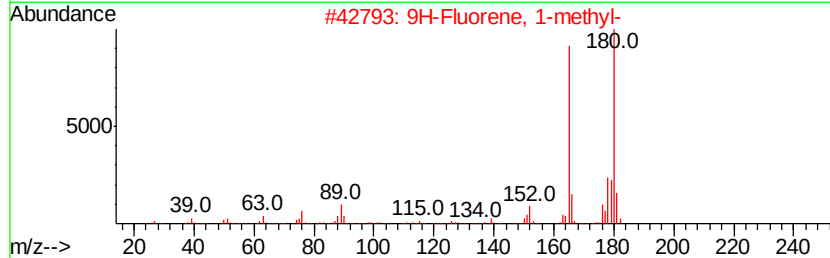
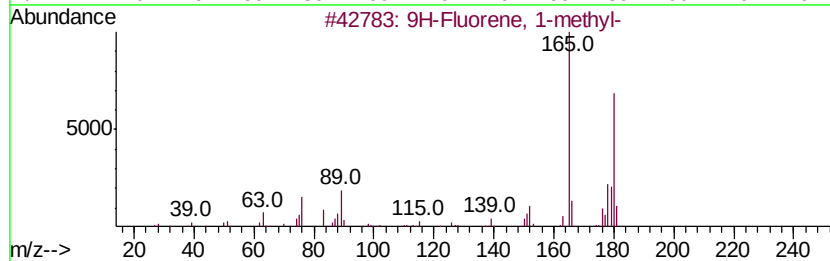
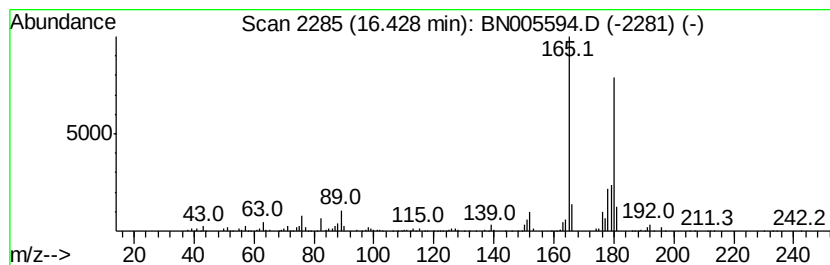
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.43	19.34 ng/ul	1624780	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96	
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95	
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	87	
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83	
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	81	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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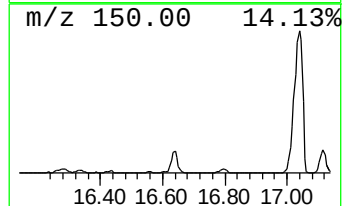
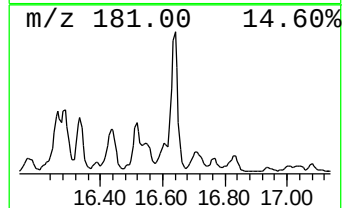
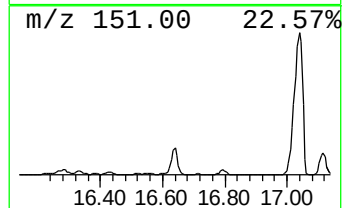
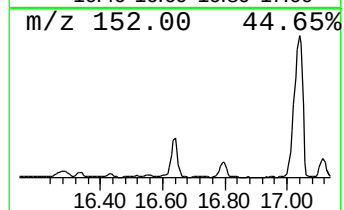
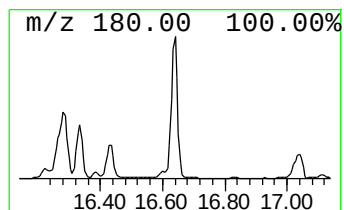
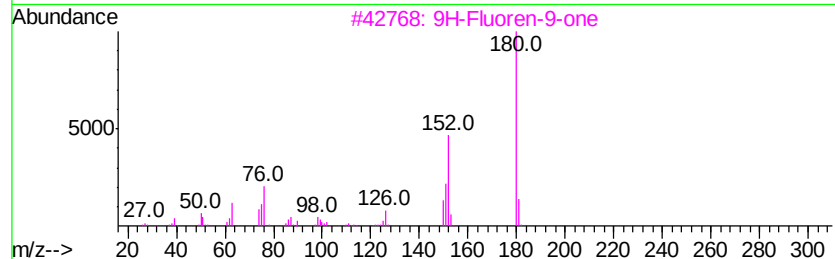
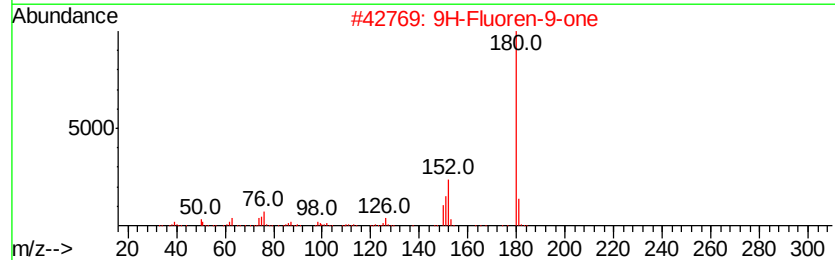
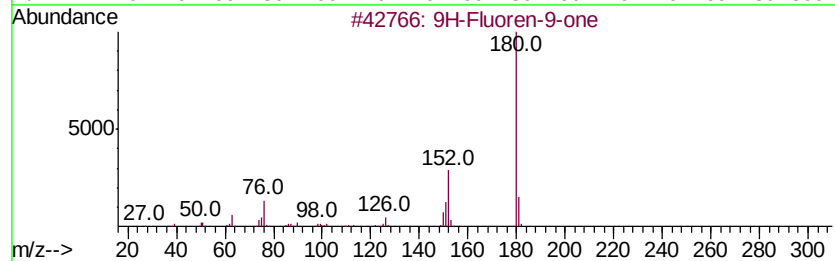
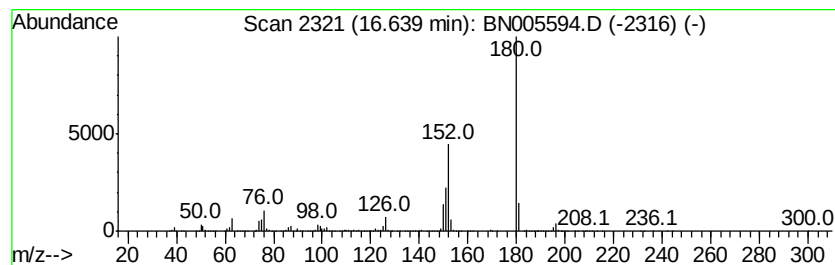
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	41.87 ng/ul	3517450	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2		9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
5		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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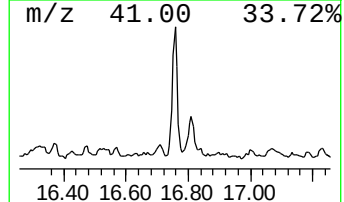
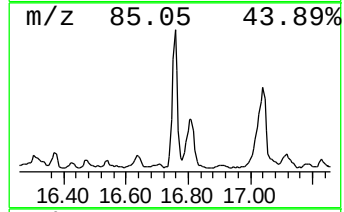
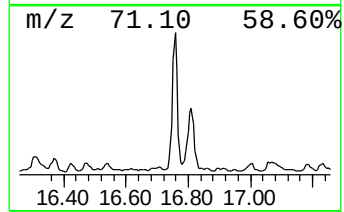
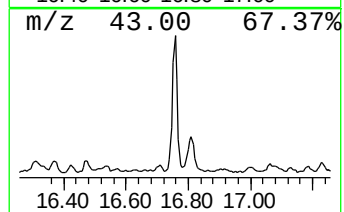
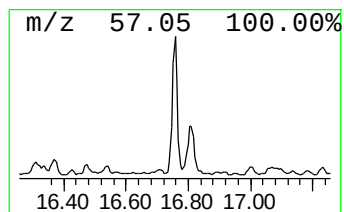
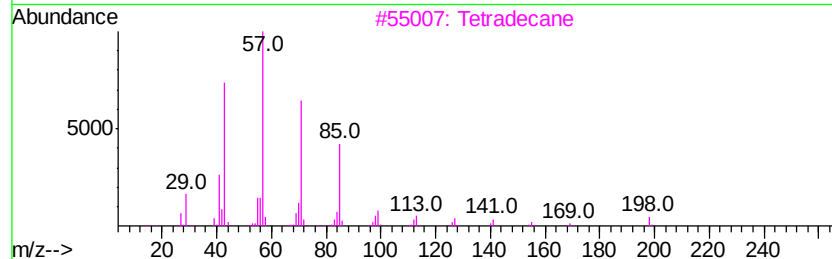
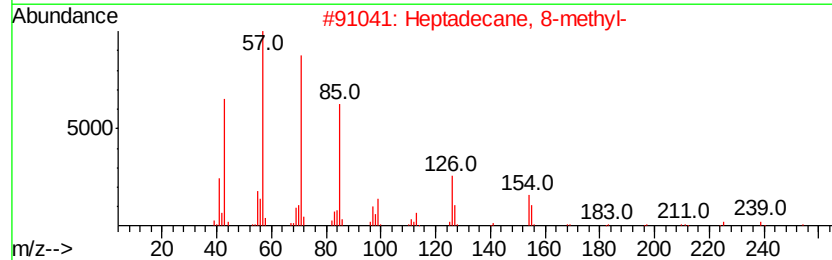
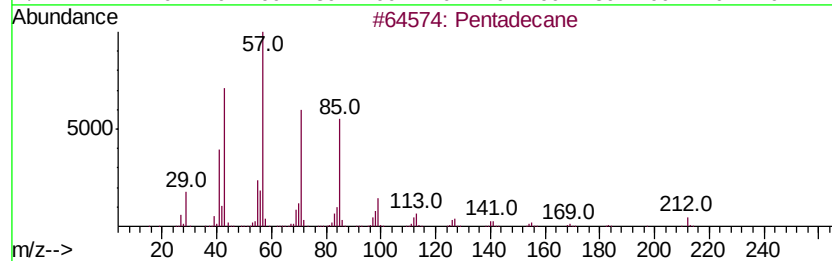
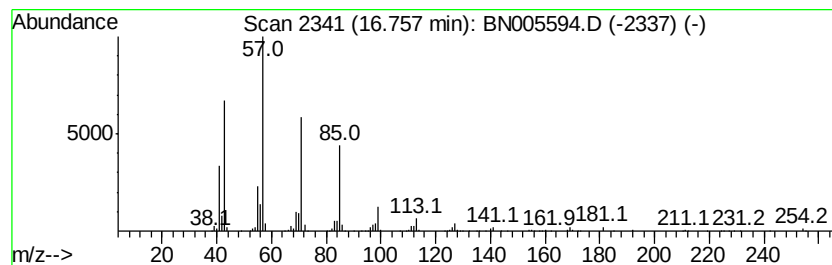
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	12.47 ng/ul	1047270	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	93
2		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
3		Tetradecane	198	C14H30	000629-59-4	91
4		Pentadecane	212	C15H32	000629-62-9	91
5		Tetradecane	198	C14H30	000629-59-4	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
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ALS Vial : 9 Sample Multiplier: 1

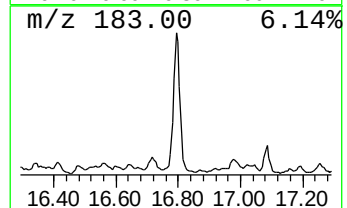
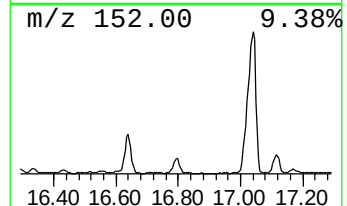
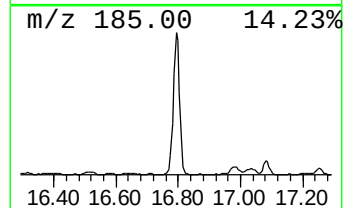
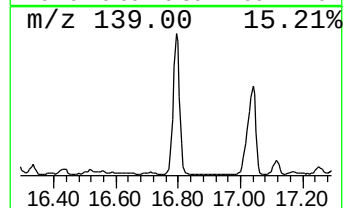
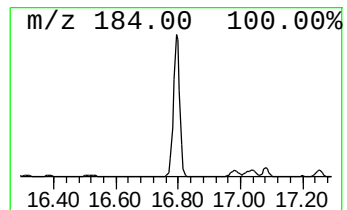
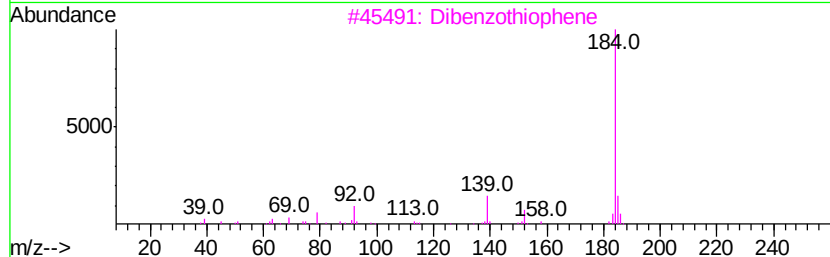
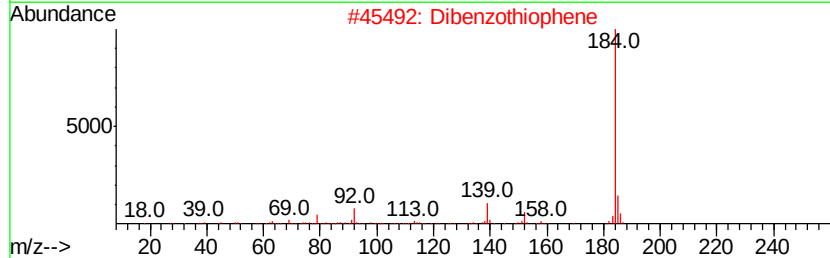
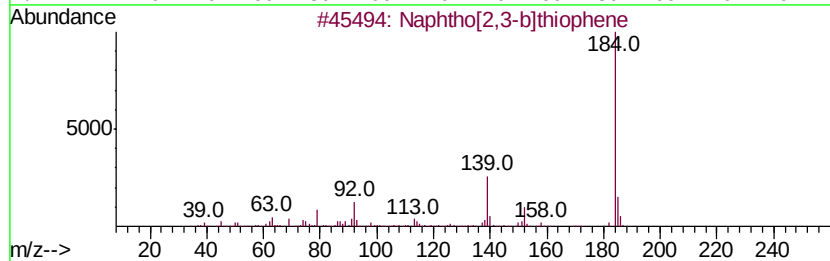
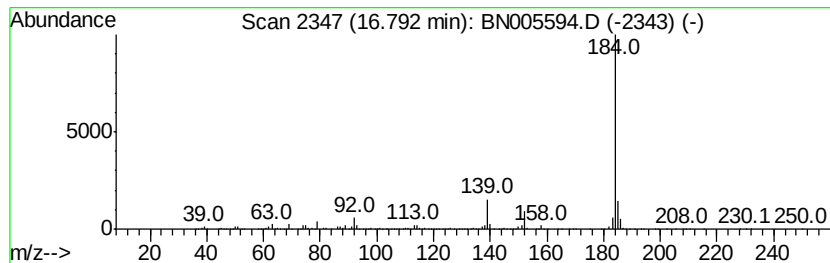
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphtho[2,3-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.79	65.81 ng/ul	5528610	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

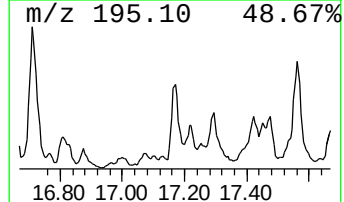
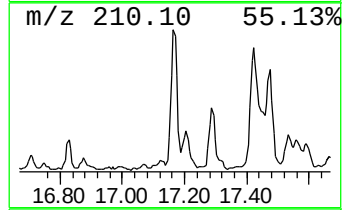
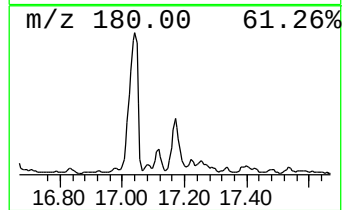
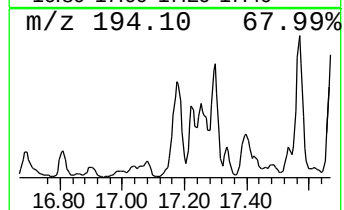
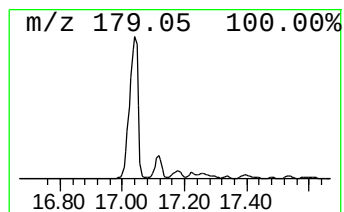
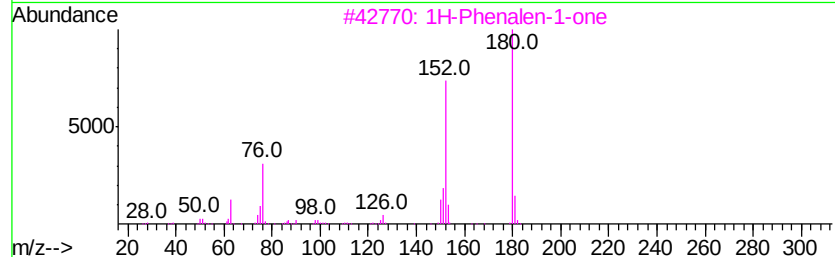
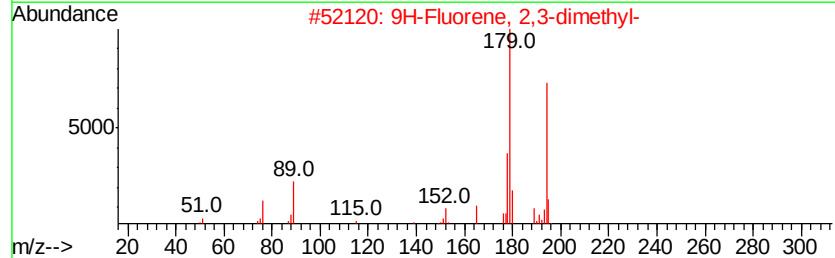
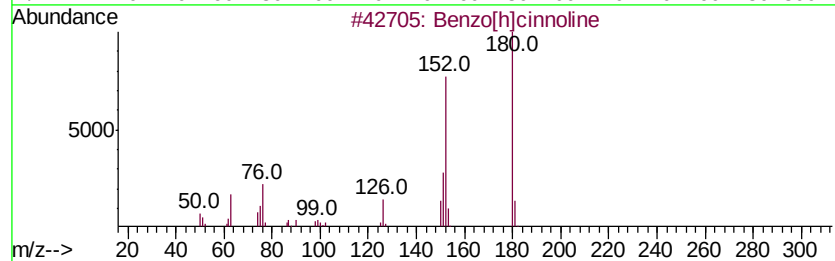
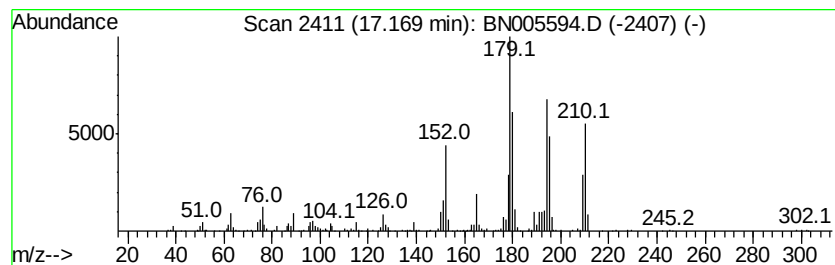
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Benzo[h]cinnoline Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.17	15.11 ng/ul	1269420	Phenanthrene-d10		16.98	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
2		9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	45
3		1H-Phenalen-1-one	180	C13H8O	000548-39-0	45
4		Benzo[flquinoline	179	C13H9N	000085-02-9	38
5		Phenanthridine, 5-oxide	195	C13H9NO	014548-01-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

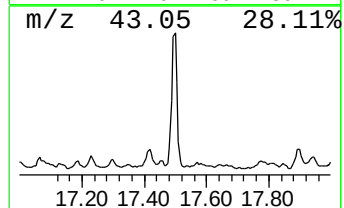
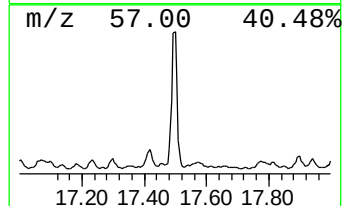
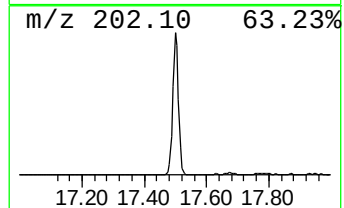
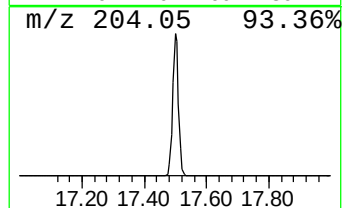
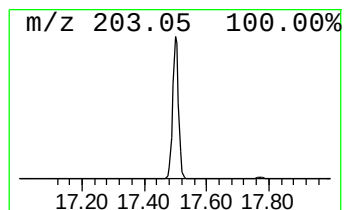
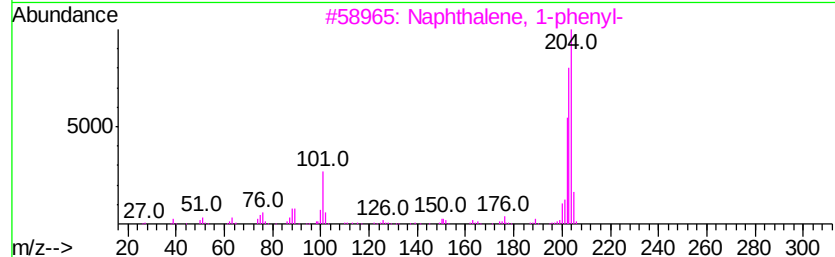
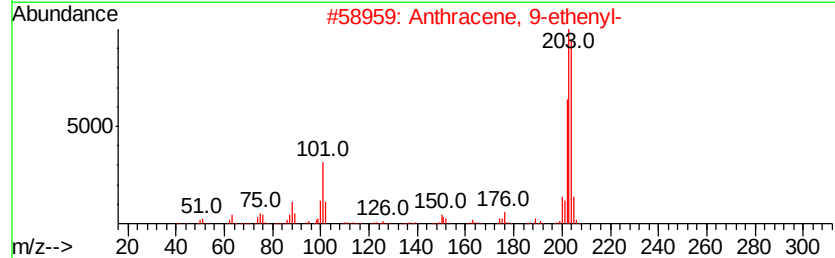
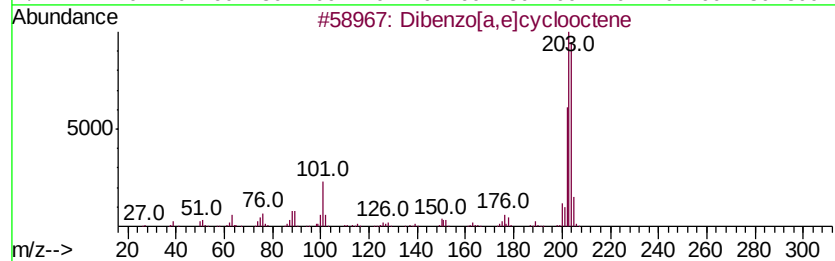
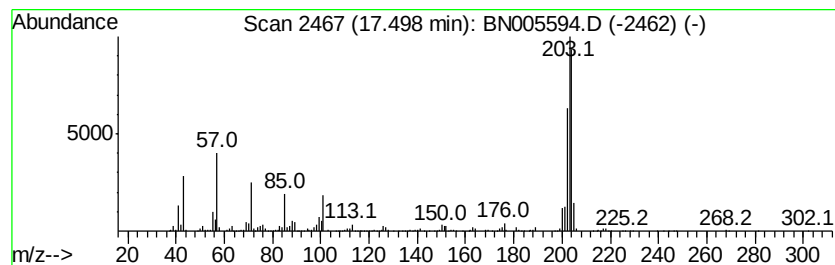
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Dibenzo[a,e]cyclooctene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	29.19 ng/ul	2451990	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	83
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	64
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
4		1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	64
5		Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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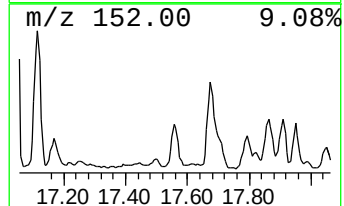
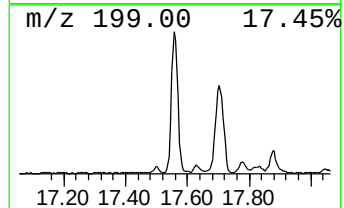
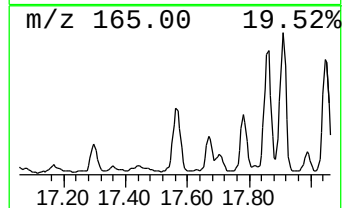
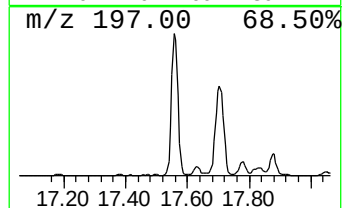
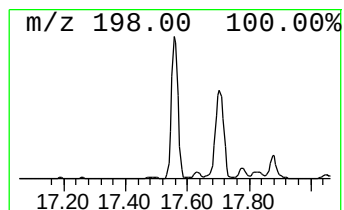
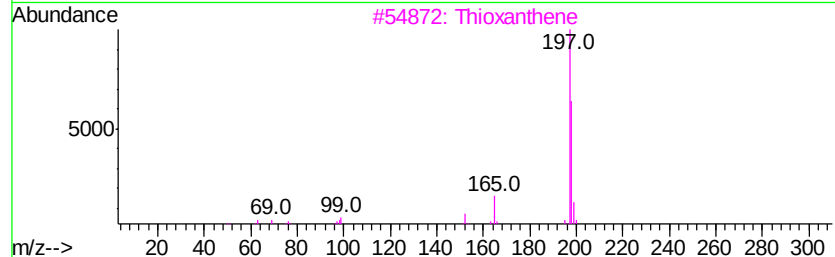
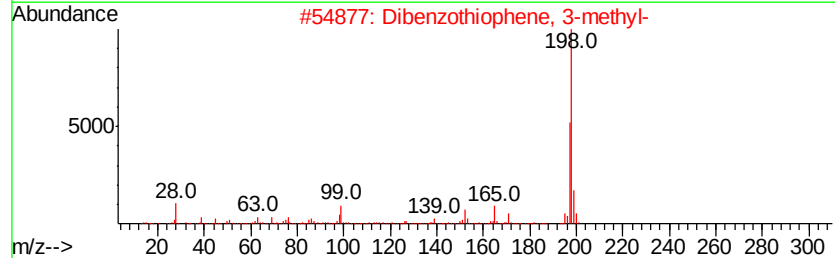
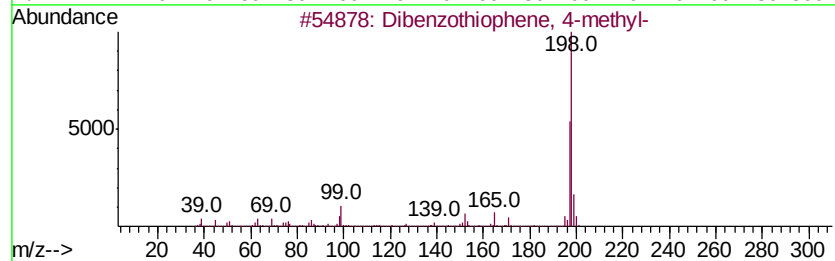
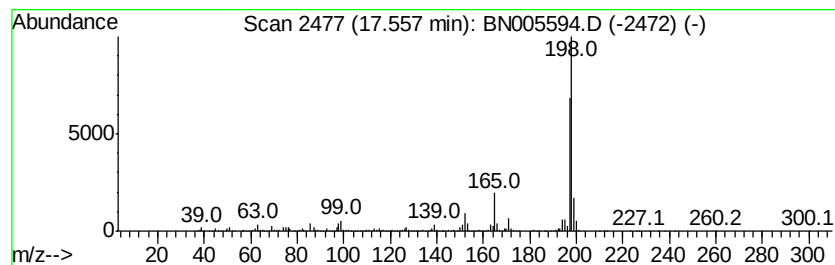
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Dibenzothiophene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	43.87 ng/ul	3685290	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3		Thioxanthene	198	C13H10S	000261-31-4	64
4		Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64
5		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
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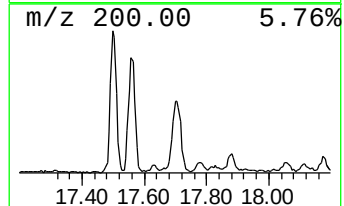
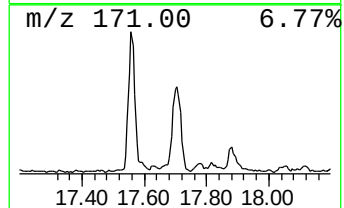
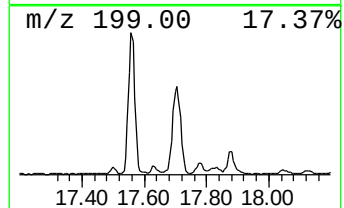
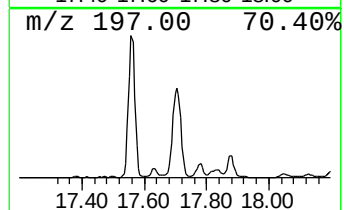
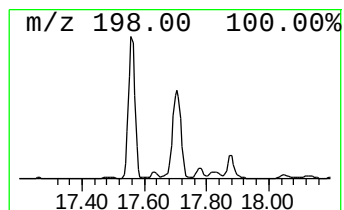
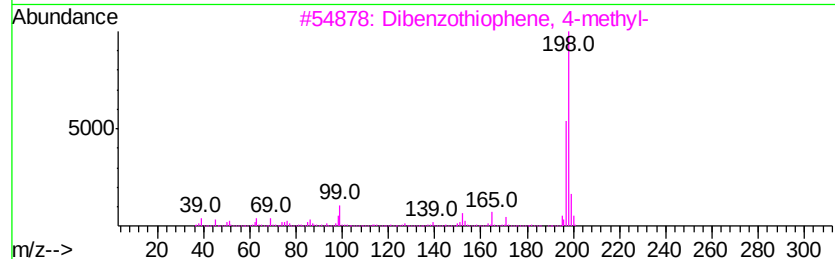
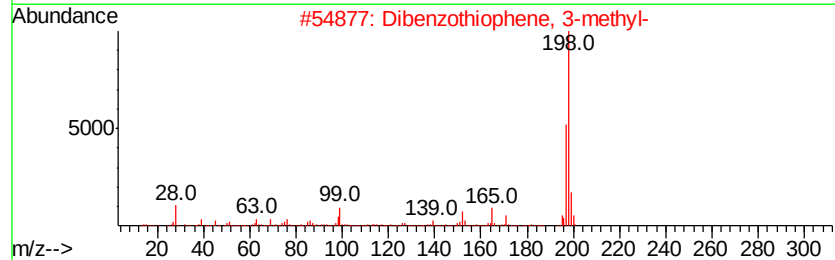
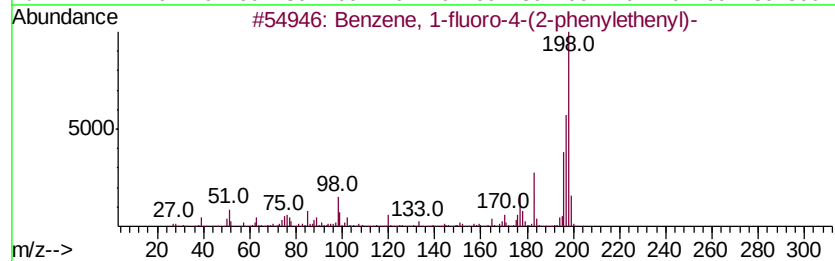
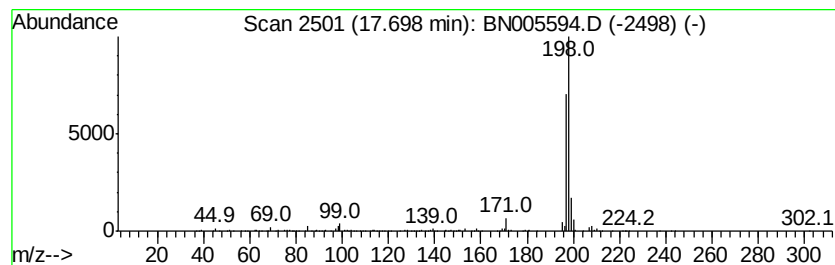
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzene, 1-fluoro-4-(2-phen... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	26.12 ng/ul	2194070	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	80
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	78
3		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	78
4		Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJ58ME

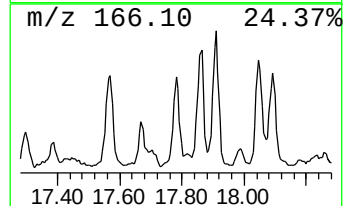
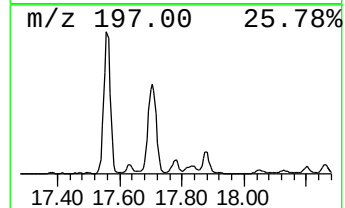
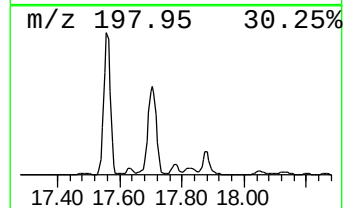
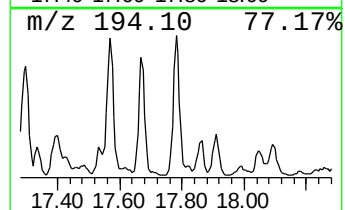
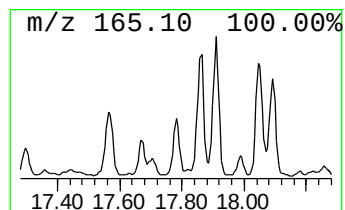
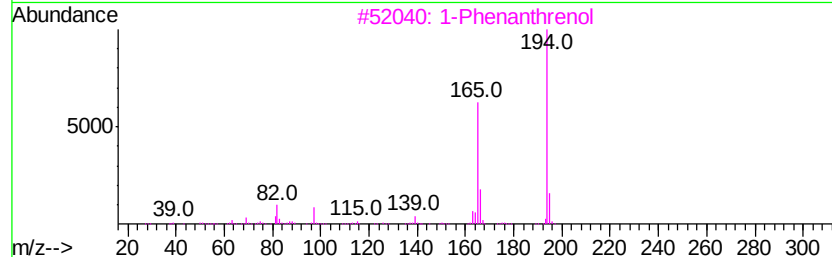
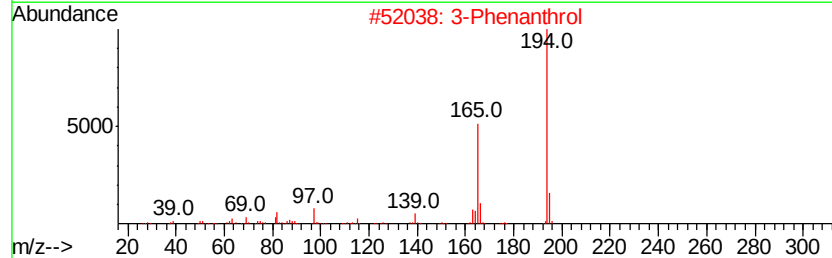
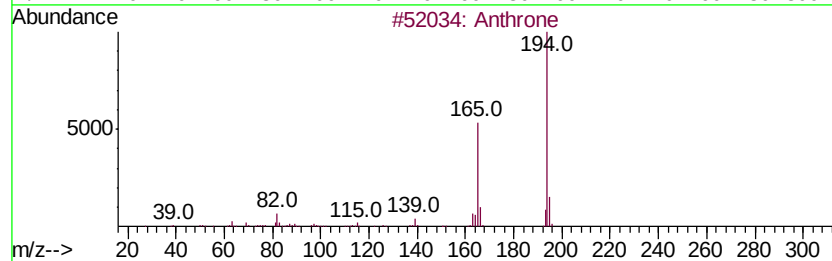
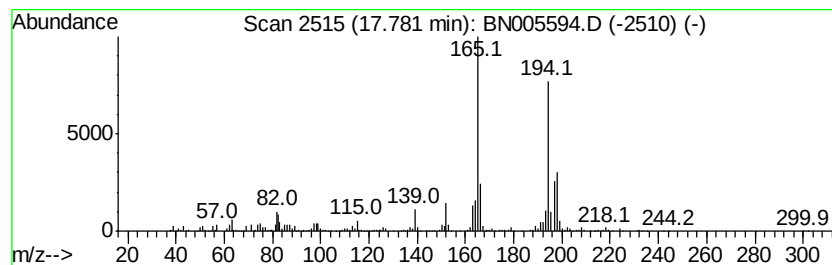
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthrone Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	13.57 ng/ul	1140240	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthrone	194	C14H10O	000090-44-8	90
2		3-Phenanthrol	194	C14H10O	000605-87-8	81
3		1-Phenanthrenol	194	C14H10O	002433-56-9	81
4		Anthrone	194	C14H10O	000090-44-8	81
5		9-Phenanthrenol	194	C14H10O	000484-17-3	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

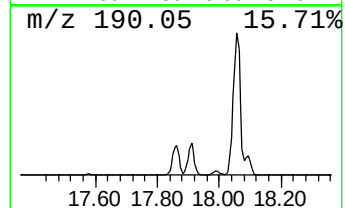
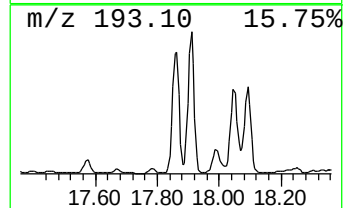
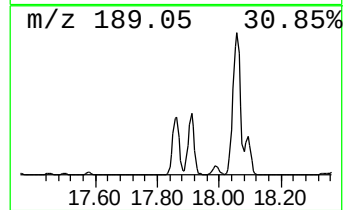
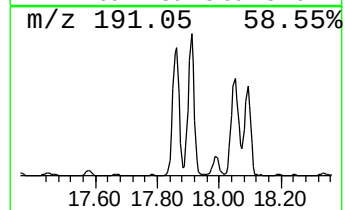
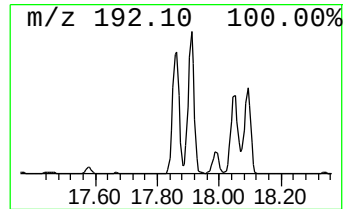
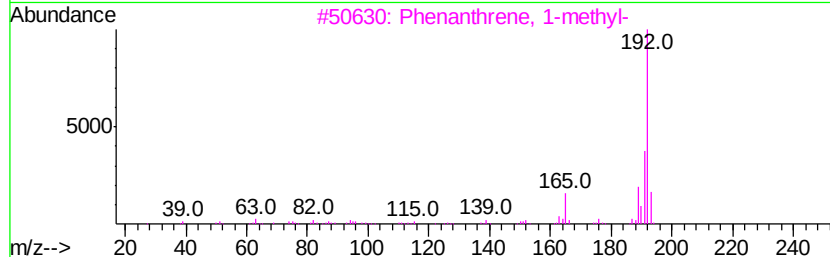
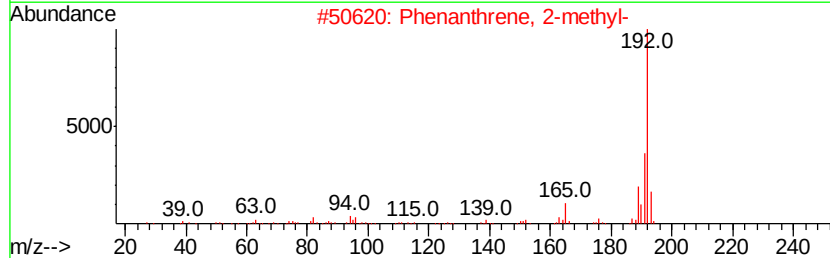
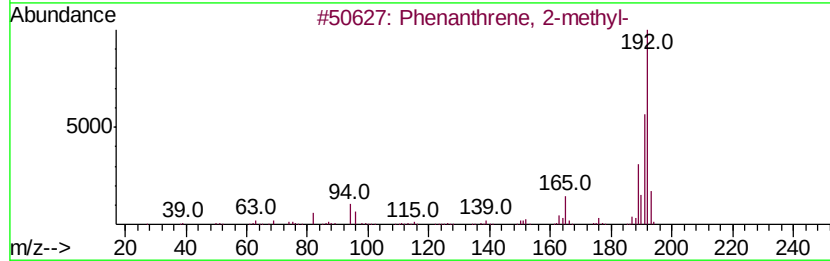
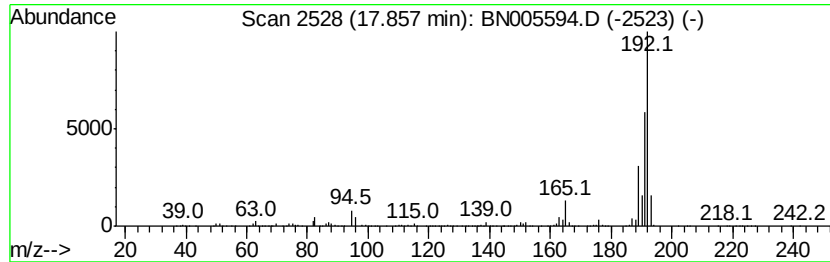
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	124.70 ng/ul	10475600	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

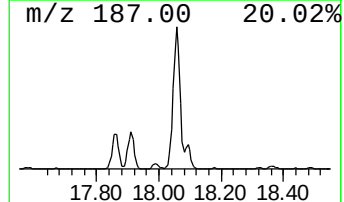
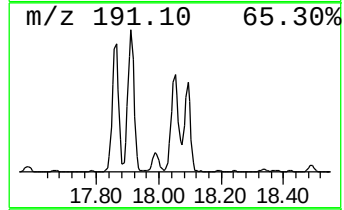
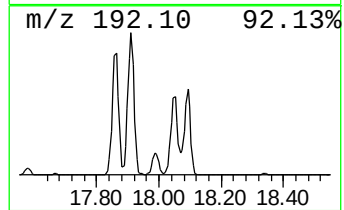
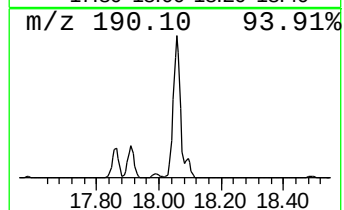
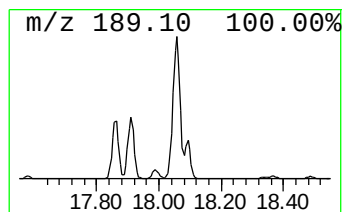
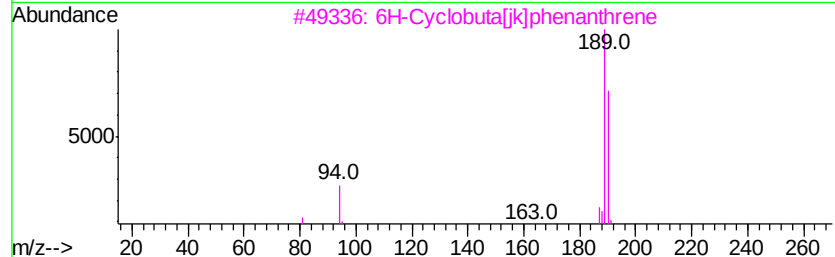
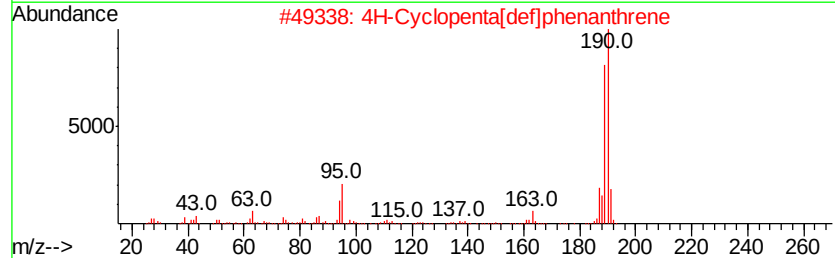
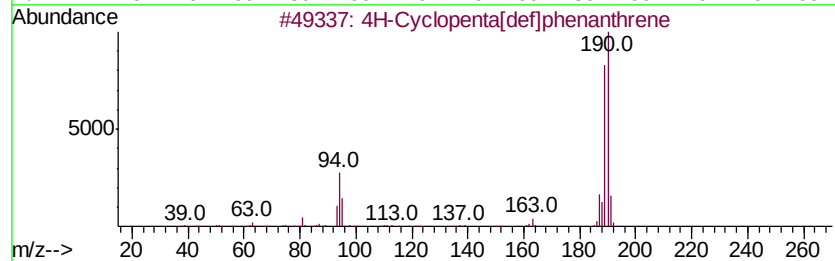
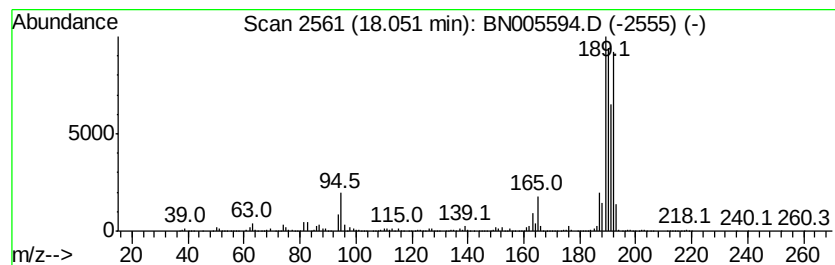
Instrument :
BNA_N
ClientSampleId :
GAJ58ME

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 30 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.05	176.34 ng/ul	14814600	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		6H-Cyclobuta[ikl]phenanthrene	190	C15H10	083469-43-6	49
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

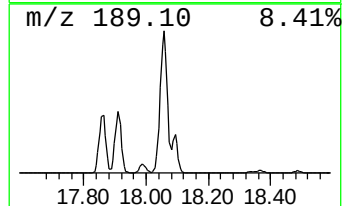
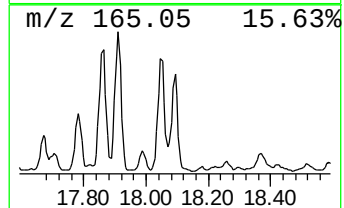
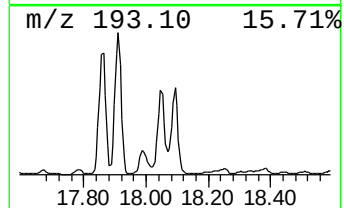
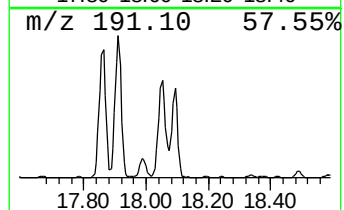
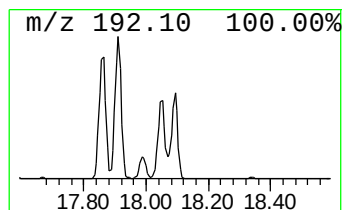
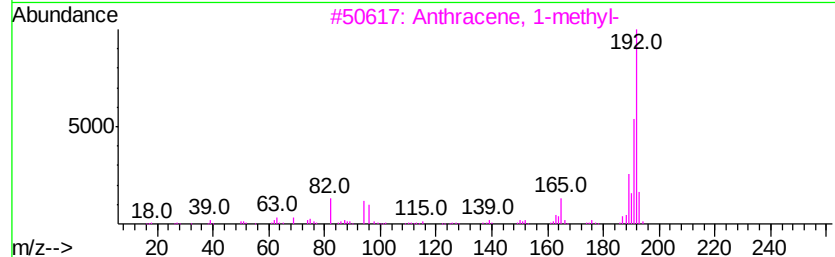
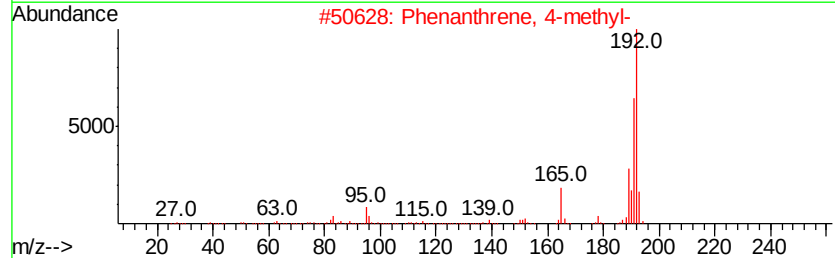
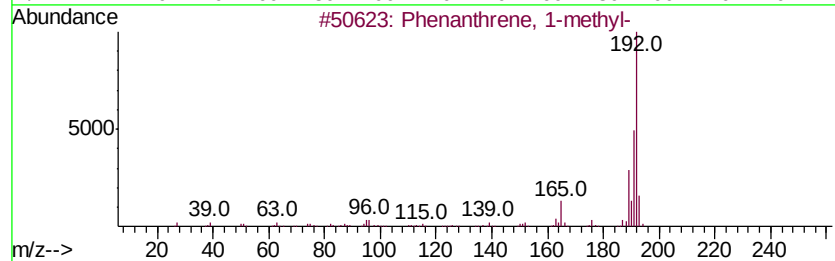
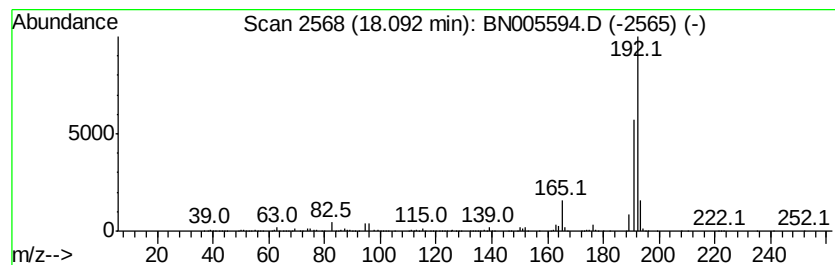
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Quant Title : SVOA CALIBRATION

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

Peak Number 31 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	75.68 ng/ul	6357980	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

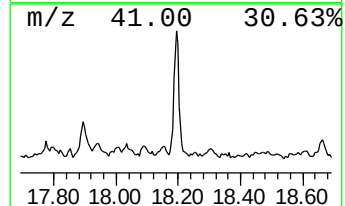
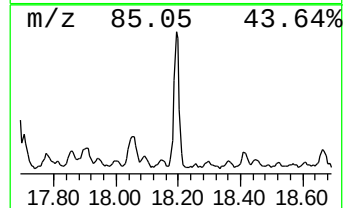
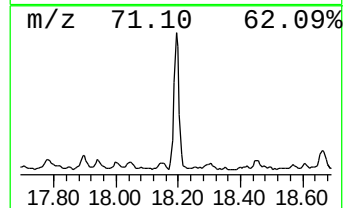
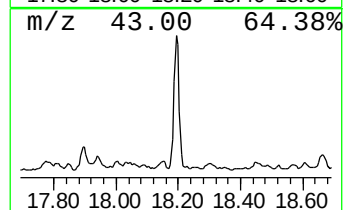
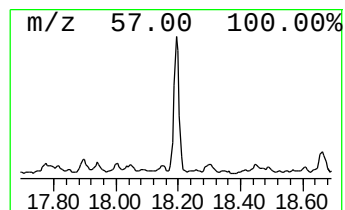
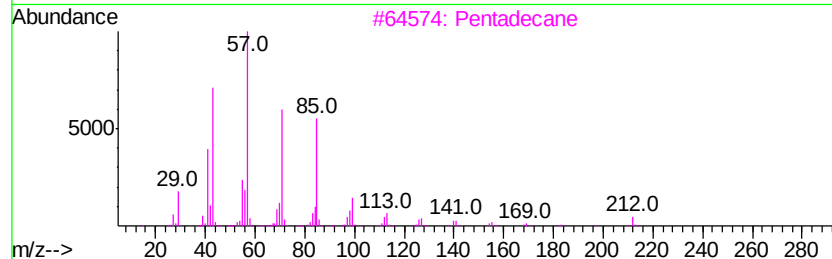
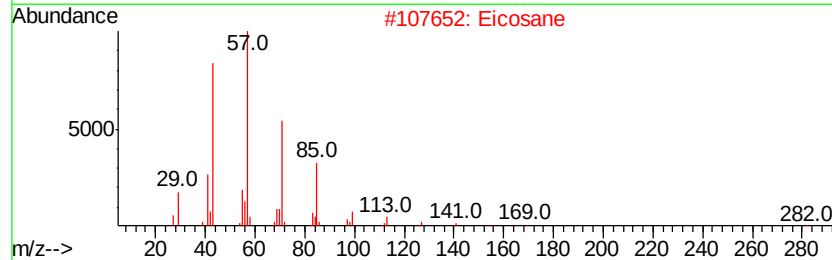
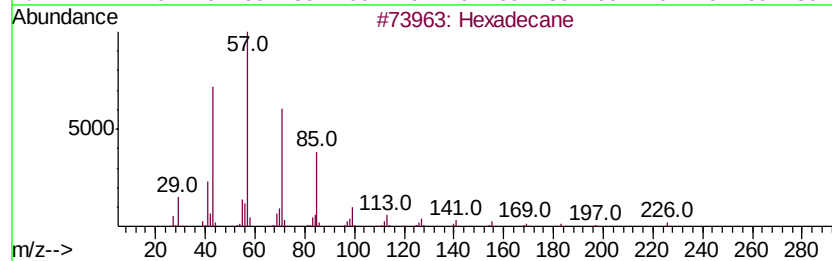
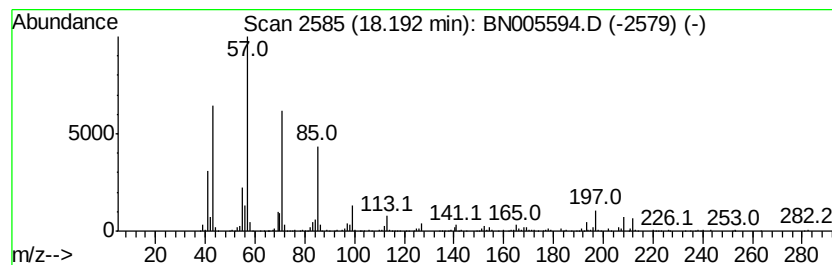
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Quant Title : SVOA CALIBRATION

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

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.19	11.55 ng/ul	970302	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	93
2			Eicosane	282	C20H42	000112-95-8	91
3			Pentadecane	212	C15H32	000629-62-9	81
4			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
5			3,5-Dimethyldodecane	198	C14H30	107770-99-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ58ME

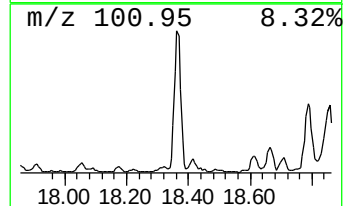
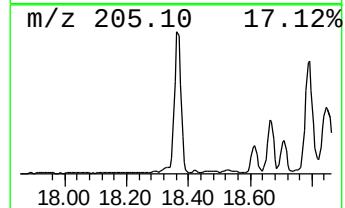
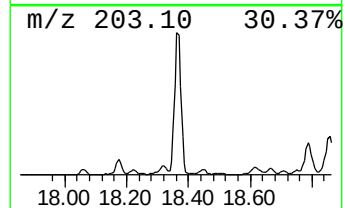
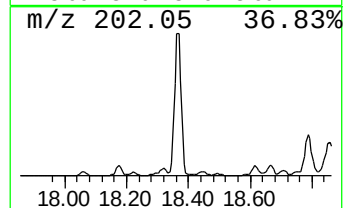
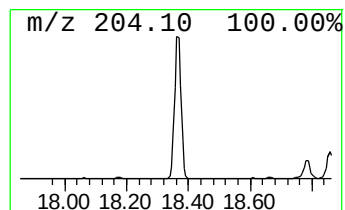
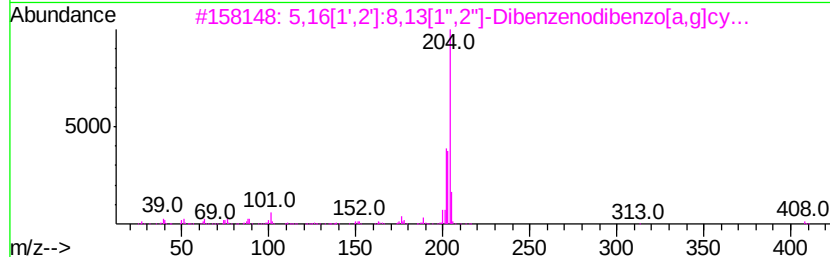
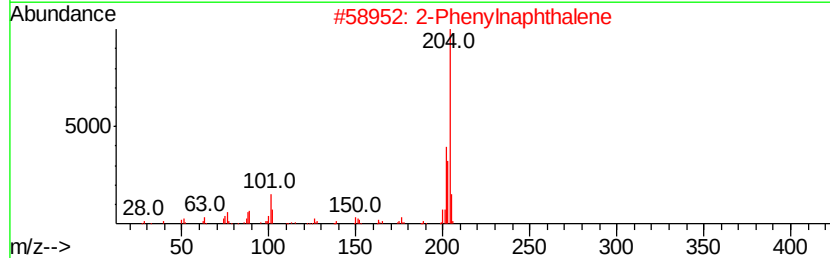
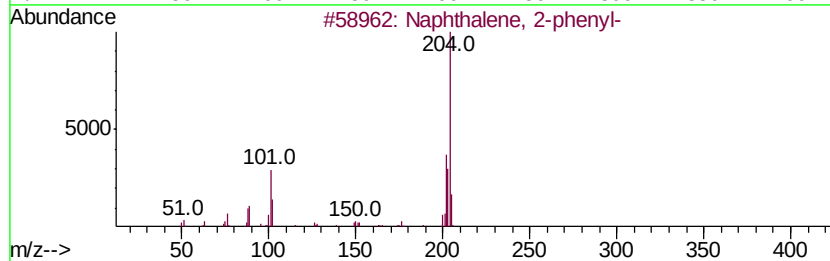
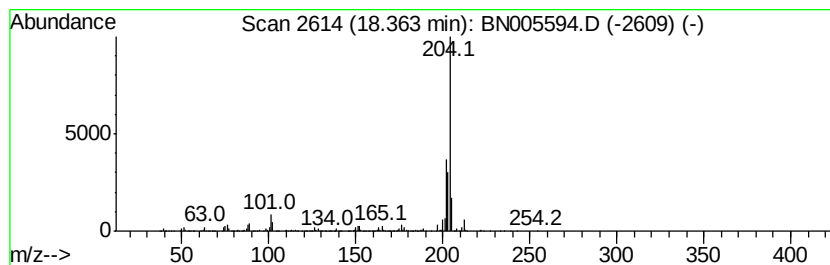
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	67.15 ng/ul	5641150	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	89
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051019\
Data File : BN005594.D
Acq On : 10 May 2019 18:30
Operator : JU/SJ
Sample : K2603-06ME
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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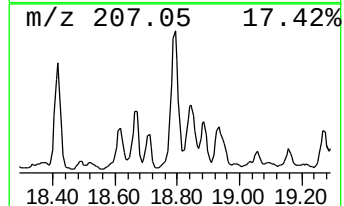
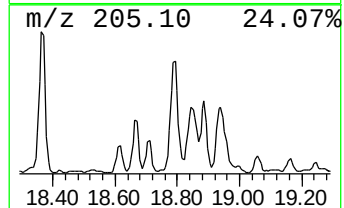
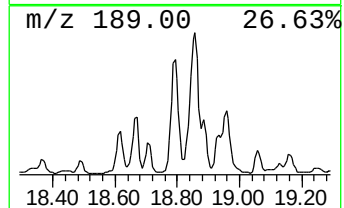
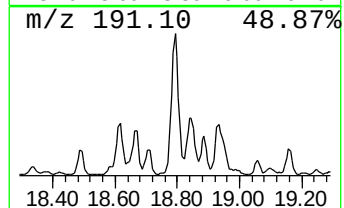
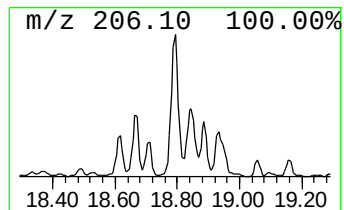
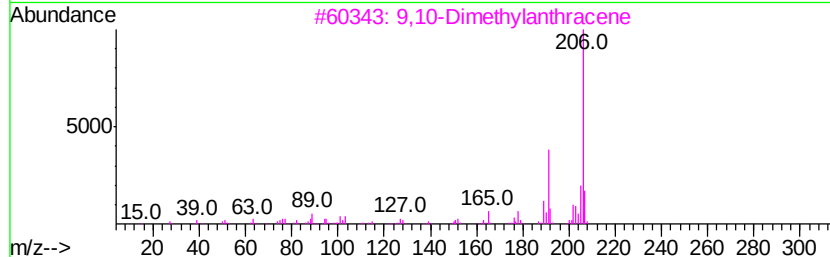
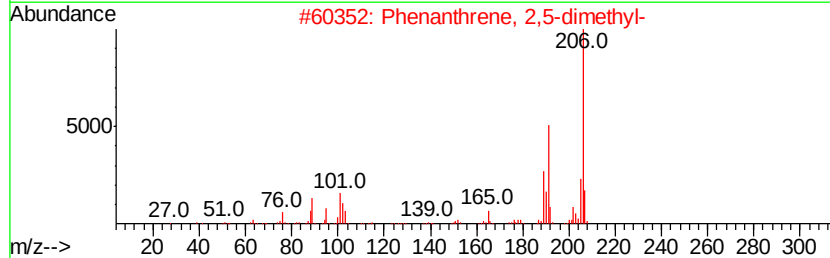
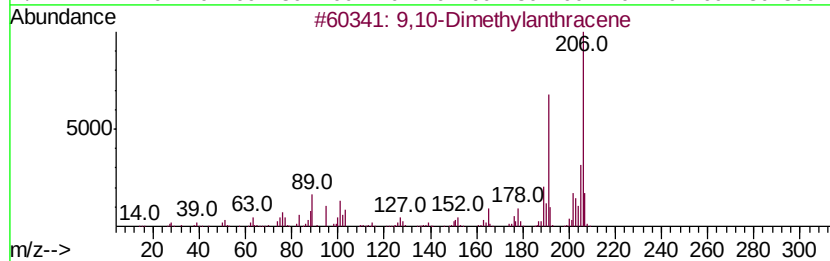
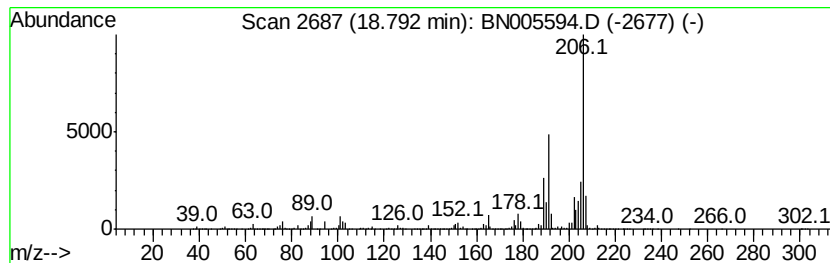
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Quant Title : SVOA CALIBRATION

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

Peak Number 38 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	71.77 ng/ul	6029490	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Dimethylantracene	206	C16H14	000781-43-1	95
2		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051019\
 Data File : BN005594.D
 Acq On : 10 May 2019 18:30
 Operator : JU/SJ
 Sample : K2603-06ME
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ58ME

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
Naphthalene, 1-me...	12.23	32.5	ng/ul	1929880	2	10.34	1188540	20.0
Naphthalene, 1,6-...	13.38	10.7	ng/ul	2241200	3	14.22	4205090	20.0
Naphthalene, 2,3-...	13.54	28.9	ng/ul	6077440	3	14.22	4205090	20.0
Naphthalene, 1,6,...	14.90	6.9	ng/ul	1456260	3	14.22	4205090	20.0
1,1'-Biphenyl, 3-...	14.99	4.3	ng/ul	912586	3	14.22	4205090	20.0
Naphthalene, 2,3,...	15.02	4.7	ng/ul	996846	3	14.22	4205090	20.0
3-Trifluoromethyl...	15.10	16.1	ng/ul	3384080	3	14.22	4205090	20.0
1-Naphthalenemeth...	15.16	5.7	ng/ul	1203810	3	14.22	4205090	20.0
1'-Acetonaphthone	15.50	6.1	ng/ul	1288090	3	14.22	4205090	20.0
Dibenzofuran, 4-m...	15.57	8.6	ng/ul	1807370	3	14.22	4205090	20.0
(DEL) Alkane: Str...	15.96	26.0	ng/ul	2183680	4	16.98	1680200	20.0
9H-Fluorene, 2-me...	16.28	55.3	ng/ul	4641700	4	16.98	1680200	20.0
9H-Fluorene, 3-me...	16.33	28.2	ng/ul	2366670	4	16.98	1680200	20.0
9H-Fluorene, 1-me...	16.43	19.3	ng/ul	1624780	4	16.98	1680200	20.0
9H-Fluoren-9-one	16.64	41.9	ng/ul	3517450	4	16.98	1680200	20.0
(DEL) Alkane: Str...	16.76	12.5	ng/ul	1047270	4	16.98	1680200	20.0
Naphtho[2,3-b]thi...	16.79	65.8	ng/ul	5528610	4	16.98	1680200	20.0
Benzo[h]cinnoline	17.17	15.1	ng/ul	1269420	4	16.98	1680200	20.0
Dibenzo[a,e]cyclo...	17.50	29.2	ng/ul	2451990	4	16.98	1680200	20.0
Dibenzothiophene,...	17.56	43.9	ng/ul	3685290	4	16.98	1680200	20.0
Benzene, 1-fluoro...	17.70	26.1	ng/ul	2194070	4	16.98	1680200	20.0
Anthrone	17.78	13.6	ng/ul	1140240	4	16.98	1680200	20.0
Phenanthrene, 2-m...	17.86	124.7	ng/ul	10475600	4	16.98	1680200	20.0
4H-Cyclopenta[def...	18.05	176.3	ng/ul	14814600	4	16.98	1680200	20.0
Phenanthrene, 1-m...	18.09	75.7	ng/ul	6357980	4	16.98	1680200	20.0
(DEL) Alkane: Str...	18.19	11.6	ng/ul	970302	4	16.98	1680200	20.0
Naphthalene, 2-ph...	18.36	67.2	ng/ul	5641150	4	16.98	1680200	20.0
9,10-Dimethylanth...	18.79	71.8	ng/ul	6029490	4	16.98	1680200	20.0