

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
 Data File : BN005549.D
 Acq On : 09 May 2019 01:12
 Operator : JU/SJ
 Sample : K2604-10 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ84

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	7.587	775	782	793	rBV	1285940	2079790	6.83%	0.708%
2	10.351	1243	1252	1258	rBV	1759700	3064360	10.07%	1.044%
3	12.239	1565	1573	1585	rBV	314684	542587	1.78%	0.185%
4	13.539	1786	1794	1799	rBV	472749	797517	2.62%	0.272%
5	13.675	1814	1817	1824	rVB2	409926	596901	1.96%	0.203%
6	13.775	1828	1834	1838	rBV	368787	544159	1.79%	0.185%
7	13.939	1851	1862	1877	rBV	2630135	4427681	14.55%	1.508%
8	14.222	1904	1910	1916	rBV2	2679506	4041861	13.28%	1.377%
9	14.286	1916	1921	1929	rVB	546522	783656	2.58%	0.267%
10	14.628	1970	1979	1987	rBV	379568	697475	2.29%	0.238%
11	14.704	1987	1992	1998	rVB	458566	662277	2.18%	0.226%
12	14.839	2008	2015	2021	rBV2	589969	1432172	4.71%	0.488%
13	15.098	2055	2059	2066	rVB	1090601	1472620	4.84%	0.502%
14	15.192	2066	2075	2076	rBV3	236712	489981	1.61%	0.167%
15	15.222	2076	2080	2085	rVB	1039756	1507931	4.96%	0.514%
16	15.280	2085	2090	2102	rVB	2381610	4354959	14.31%	1.483%
17	15.486	2120	2125	2134	rVB5	266335	658764	2.16%	0.224%
18	15.575	2134	2140	2151	rBV3	288666	648738	2.13%	0.221%
19	15.733	2162	2167	2174	rVB2	286148	592822	1.95%	0.202%
20	15.963	2200	2206	2210	rBV2	606558	957775	3.15%	0.326%
21	16.286	2254	2261	2266	rVV	1202341	2533252	8.32%	0.863%
22	16.339	2266	2270	2275	rVV2	727233	1171511	3.85%	0.399%
23	16.433	2282	2286	2292	rVB2	878408	1319038	4.33%	0.449%
24	16.557	2304	2307	2311	rVV3	406156	656779	2.16%	0.224%
25	16.716	2330	2334	2339	rVV2	275427	528869	1.74%	0.180%
26	16.798	2344	2348	2358	rVB	1323689	2102241	6.91%	0.716%
27	16.980	2373	2379	2382	rBV	3358722	4851332	15.94%	1.652%
28	17.027	2382	2387	2392	rVV	12491183	18202971	59.82%	6.199%
29	17.080	2392	2396	2397	rVV	426454	547771	1.80%	0.187%
30	17.116	2397	2402	2407	rVV	5421468	7529055	24.74%	2.564%
31	17.174	2407	2412	2418	rVV2	401186	770509	2.53%	0.262%
32	17.504	2463	2468	2472	rVB	1087737	1412852	4.64%	0.481%
33	17.563	2473	2478	2484	rVB	1123313	1608697	5.29%	0.548%
34	17.704	2493	2502	2508	rVB2	760096	1805205	5.93%	0.615%

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35	17.786	2511	2516	2523	rBV3	204344	506296	1.66%	0.172%
36	17.857	2523	2528	2532	rVV	3070804	4263899	14.01%	1.452%
37	17.910	2532	2537	2545	rVB	4040338	5929337	19.49%	2.019%
38	17.992	2545	2551	2555	rBV	1288268	1908502	6.27%	0.650%
39	18.051	2555	2561	2566	rVV2	7432010	13348654	43.87%	4.546%
40	18.092	2566	2568	2577	rVB	2858706	3249289	10.68%	1.107%
41	18.263	2592	2597	2601	rVB2	386519	510288	1.68%	0.174%
42	18.363	2610	2614	2618	rVV2	1093536	1652840	5.43%	0.563%
43	18.416	2618	2623	2627	rVB2	1156195	1856979	6.10%	0.632%
44	18.516	2633	2640	2648	rBV5	222826	738367	2.43%	0.251%
45	18.616	2654	2657	2661	rVV2	464788	624256	2.05%	0.213%
46	18.669	2662	2666	2669	rVV	651284	807045	2.65%	0.275%
47	18.710	2669	2673	2677	rVB2	598501	864199	2.84%	0.294%
48	18.786	2681	2686	2691	rBV2	2425089	4063524	13.35%	1.384%
49	18.851	2691	2697	2700	rVV3	1559873	2934984	9.65%	1.000%
50	18.886	2700	2703	2707	rVB	1219286	1526467	5.02%	0.520%
51	18.939	2707	2712	2719	rBV2	1103359	2756696	9.06%	0.939%
52	19.063	2725	2733	2740	rBV	14613711	20822719	68.43%	7.092%
53	19.127	2740	2744	2747	rVV	616654	794215	2.61%	0.270%
54	19.163	2747	2750	2753	rVV2	488357	692659	2.28%	0.236%
55	19.210	2753	2758	2763	rVV	5054767	6494183	21.34%	2.212%
56	19.263	2764	2767	2770	rVV2	378576	511052	1.68%	0.174%
57	19.304	2770	2774	2776	rVV	530827	775120	2.55%	0.264%
58	19.327	2776	2778	2785	rVB	825179	1179279	3.88%	0.402%
59	19.433	2785	2796	2803	rBV	18157786	30429975	100.00%	10.363%
60	19.504	2803	2808	2814	rVB3	642627	1057034	3.47%	0.360%
61	19.598	2820	2824	2828	rBV2	406011	615202	2.02%	0.210%
62	19.668	2832	2836	2843	rVB3	344226	591330	1.94%	0.201%
63	19.757	2846	2851	2861	rBV2	1672452	3493663	11.48%	1.190%
64	19.892	2869	2874	2877	rBV3	1531665	3015519	9.91%	1.027%
65	19.927	2877	2880	2885	rVB	3748759	4924726	16.18%	1.677%
66	20.033	2893	2898	2903	rBV	2872248	3600284	11.83%	1.226%
67	20.086	2903	2907	2912	rBV	2375724	3127898	10.28%	1.065%
68	20.186	2919	2924	2927	rBV4	367318	674666	2.22%	0.230%
69	20.227	2927	2931	2935	rVV	1819393	2384134	7.83%	0.812%
70	20.274	2935	2939	2944	rVB	2326965	2897770	9.52%	0.987%
71	20.533	2979	2983	2985	rVV	384440	594854	1.95%	0.203%

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72	20.557	2985	2987	2991	rVB2	389266	485541	1.60%	0.165%
73	20.645	2997	3002	3006	rBV	433218	931635	3.06%	0.317%
74	20.821	3028	3032	3034	rBV4	405579	647260	2.13%	0.220%
75	20.851	3034	3037	3040	rVV	1276250	1602640	5.27%	0.546%
76	20.892	3040	3044	3047	rVB	1642564	1893392	6.22%	0.645%
77	20.927	3047	3050	3054	rBV	1081626	1294314	4.25%	0.441%
78	21.092	3075	3078	3088	rVB	470162	769569	2.53%	0.262%
79	21.204	3091	3097	3102	rVV3	8045207	16131591	53.01%	5.494%
80	21.251	3102	3105	3111	rVV	6548414	8213408	26.99%	2.797%
81	21.380	3122	3127	3130	rVV3	447720	1007791	3.31%	0.343%
82	21.421	3130	3134	3148	rVB3	1333827	2385350	7.84%	0.812%
83	21.704	3179	3182	3186	rBV	467152	631367	2.07%	0.215%
84	21.762	3186	3192	3197	rVV	1746353	3142744	10.33%	1.070%
85	21.815	3197	3201	3206	rVV	1030851	1565979	5.15%	0.533%
86	21.880	3207	3212	3214	rVV2	715880	1213507	3.99%	0.413%
87	21.910	3215	3217	3221	rVV	768339	1041886	3.42%	0.355%
88	21.957	3221	3225	3227	rVV2	1011582	1436261	4.72%	0.489%
89	21.986	3227	3230	3235	rVV3	1233372	1784204	5.86%	0.608%
90	22.057	3239	3242	3247	rVB	507242	674380	2.22%	0.230%
91	22.768	3356	3363	3374	rBV	2980478	8808792	28.95%	3.000%
92	22.927	3385	3390	3397	rBV	1101760	1904153	6.26%	0.648%
93	23.227	3435	3441	3447	rBV	2165021	3927883	12.91%	1.338%
94	23.327	3451	3458	3464	rVV	4127000	7379536	24.25%	2.513%
95	23.415	3467	3473	3477	rVV	1926450	3682189	12.10%	1.254%
96	23.462	3478	3481	3490	rVB2	678831	1334916	4.39%	0.455%
97	23.951	3559	3564	3571	rVB2	330501	685819	2.25%	0.234%
98	24.256	3611	3616	3624	rVB2	526918	1080092	3.55%	0.368%
99	25.598	3836	3844	3854	rVB2	1206782	3513783	11.55%	1.197%
100	26.268	3950	3958	3969	rVB	1005618	2845615	9.35%	0.969%

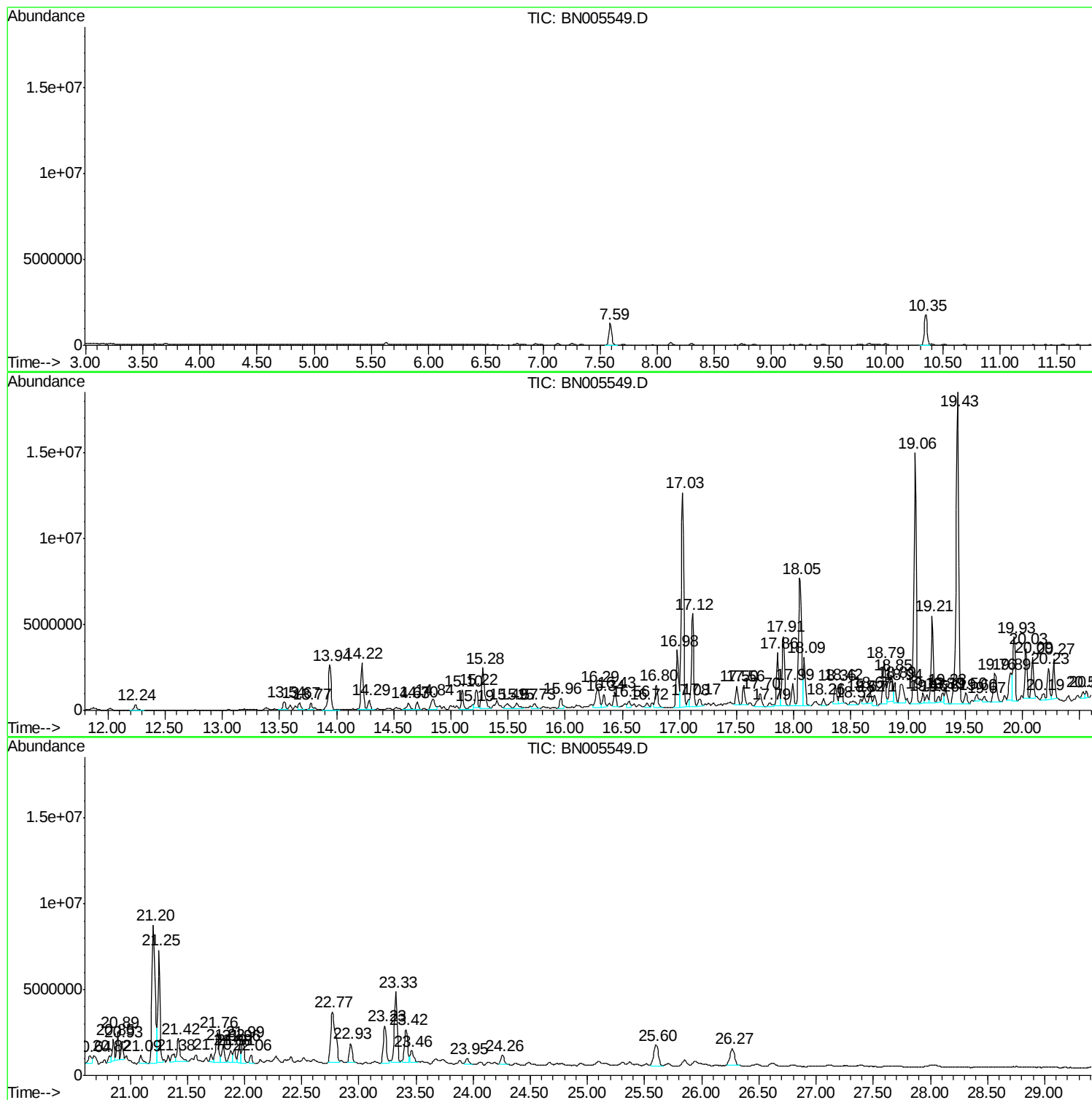
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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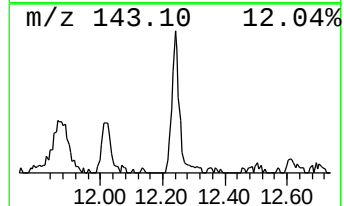
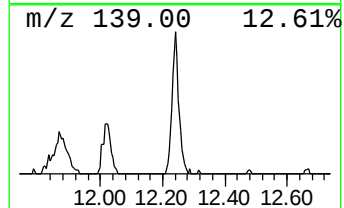
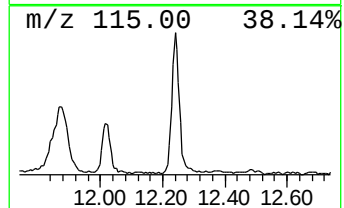
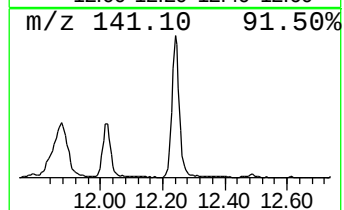
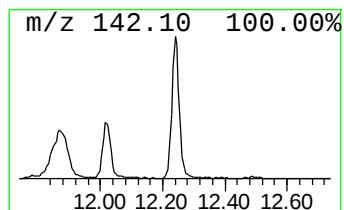
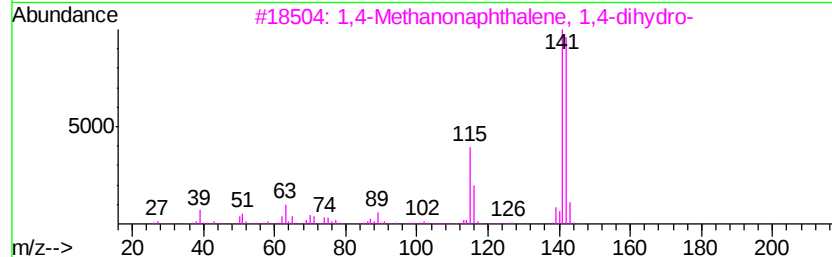
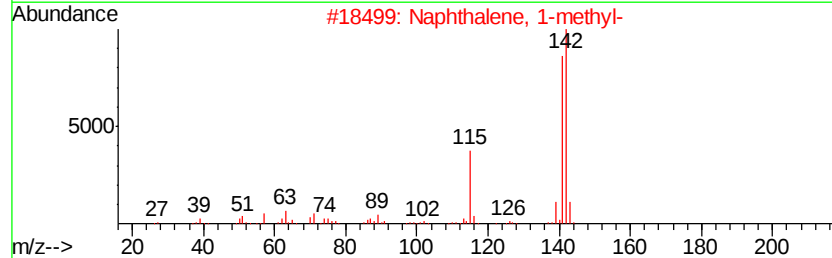
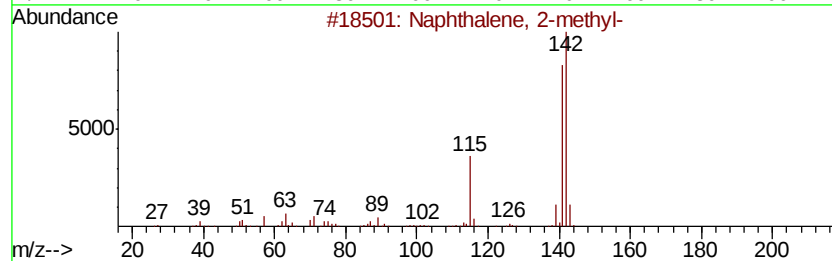
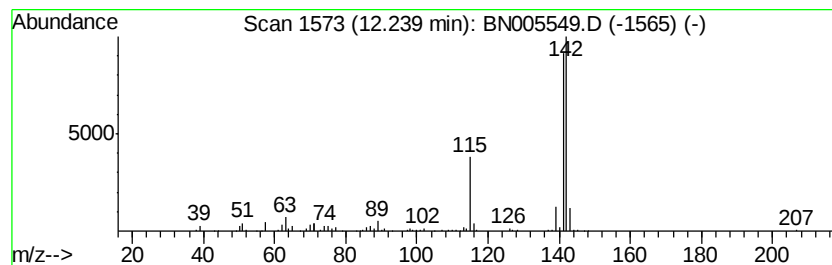
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	3.54 ng/ul	542587	Naphthalene-d8	10.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	91
4		1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91



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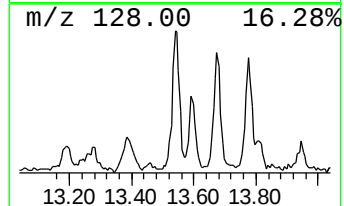
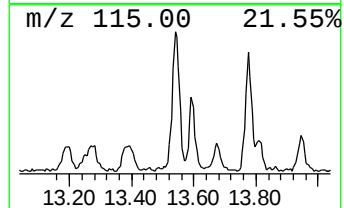
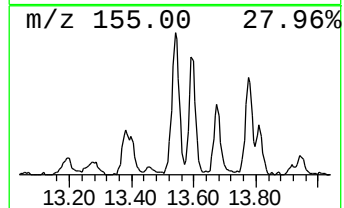
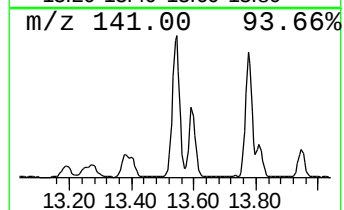
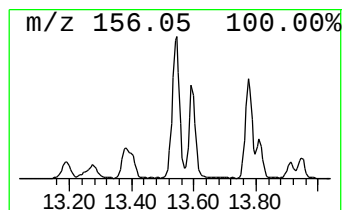
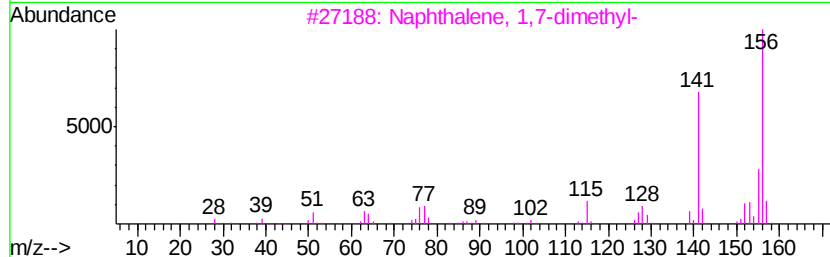
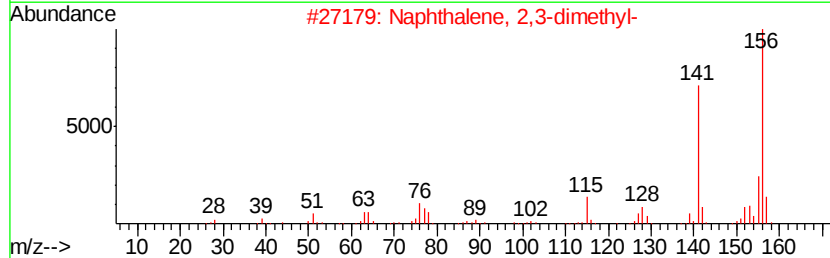
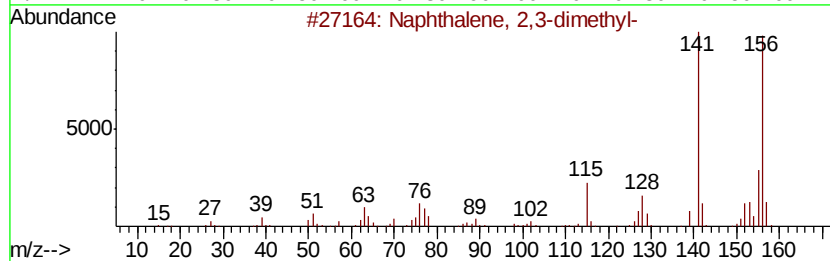
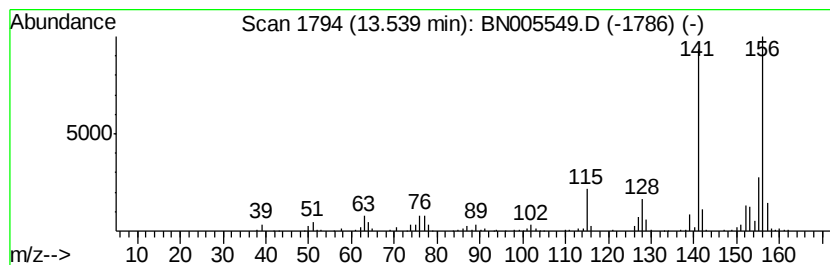
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	3.95 ng/ul	797517	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



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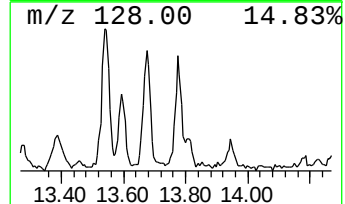
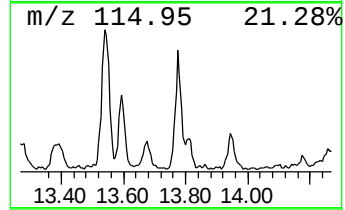
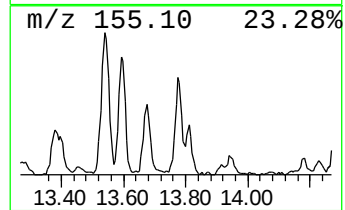
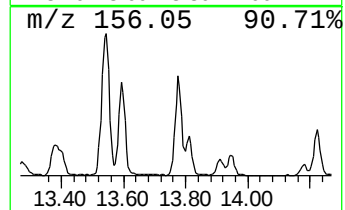
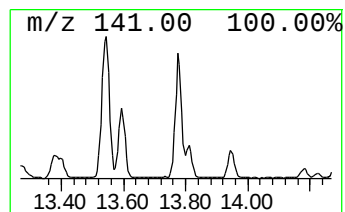
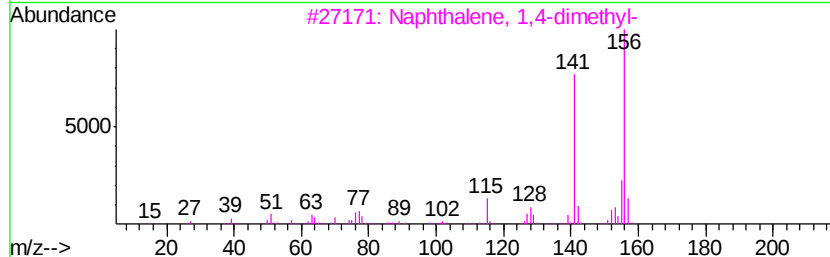
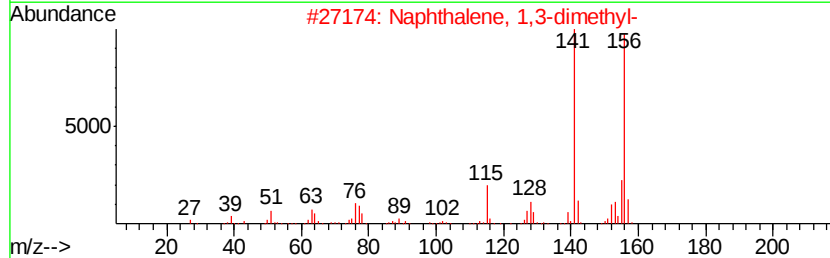
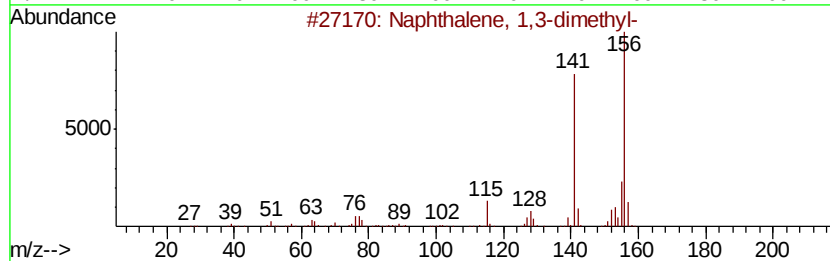
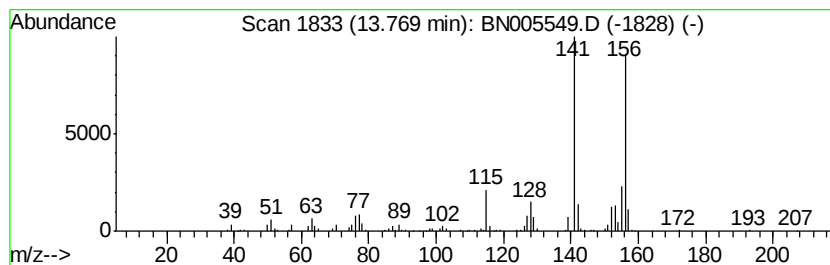
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.77	2.69 ng/ul	544159	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96
3		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ84

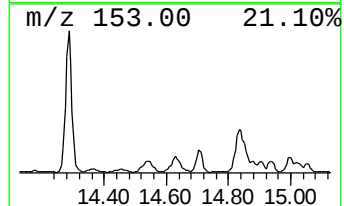
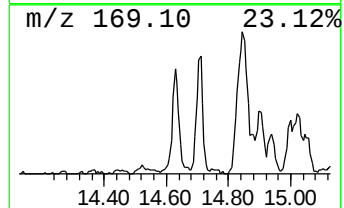
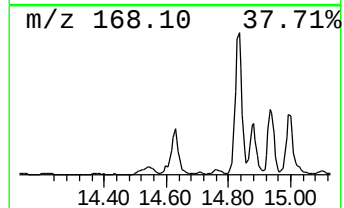
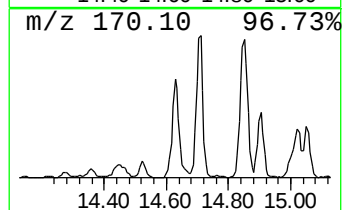
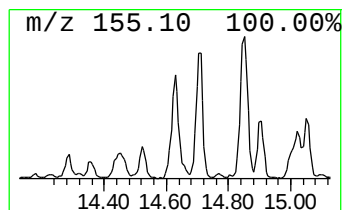
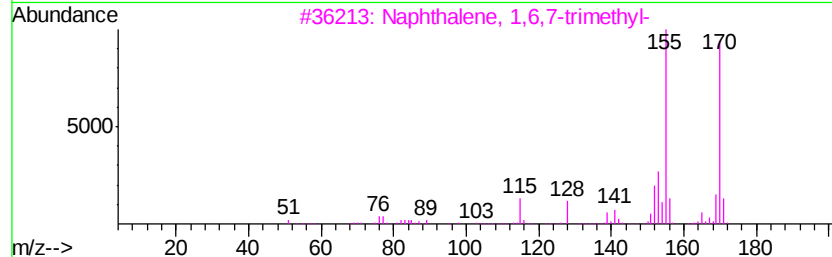
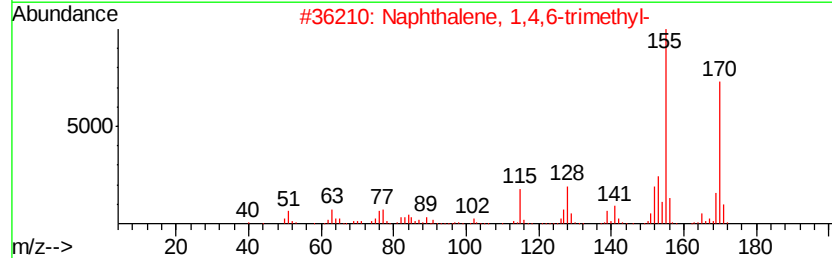
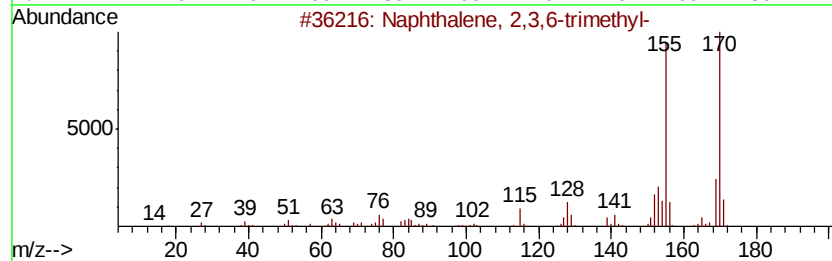
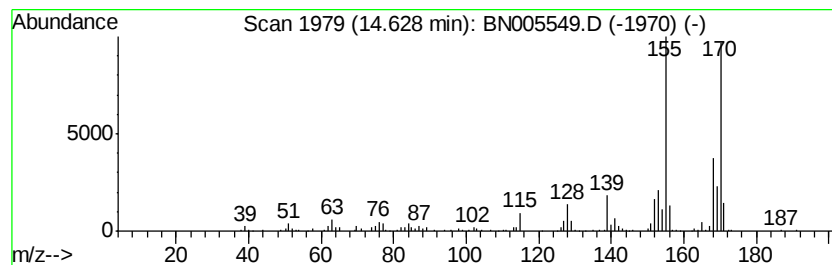
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphthalene, 2,3,6-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.63	3.45 ng/ul	697475	Acenaphthene-d10	14.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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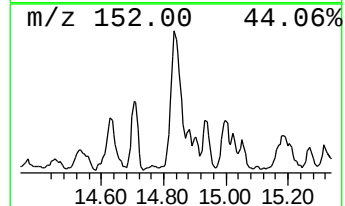
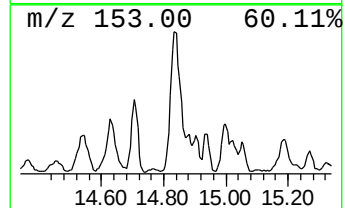
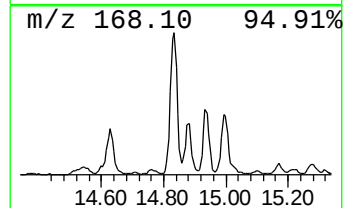
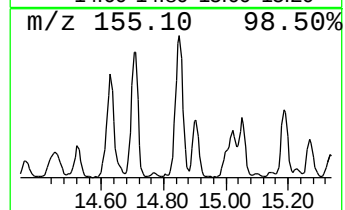
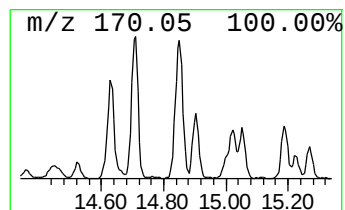
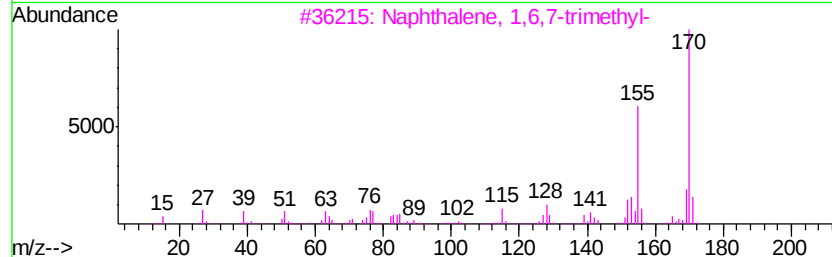
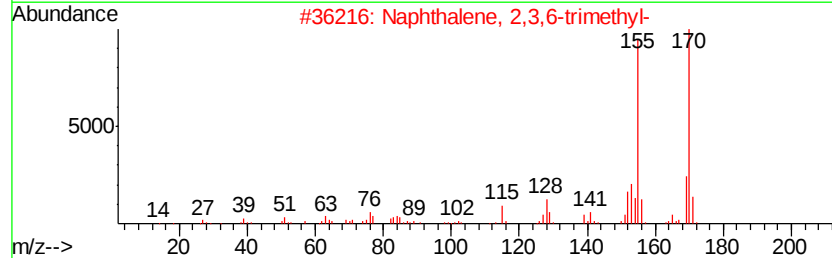
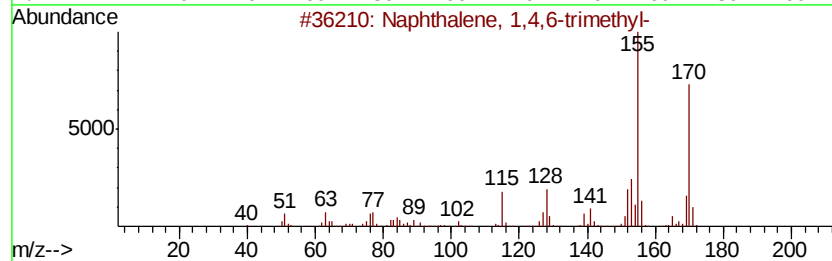
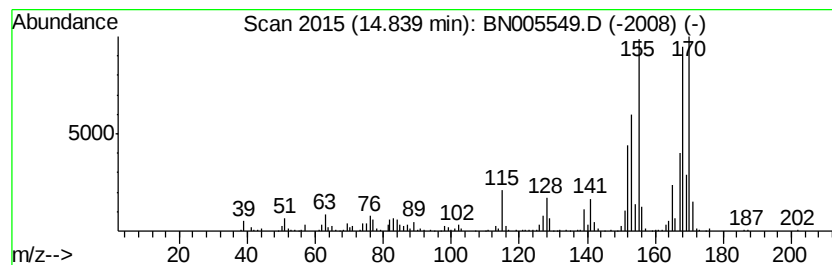
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	7.09 ng/ul	1432170	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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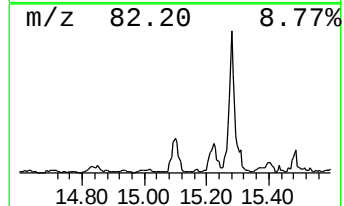
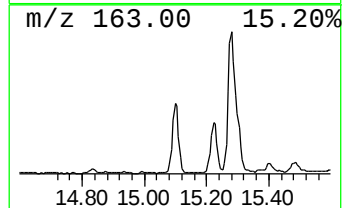
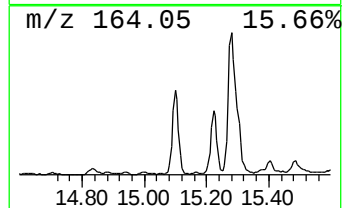
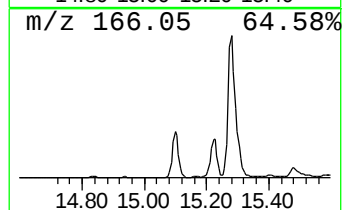
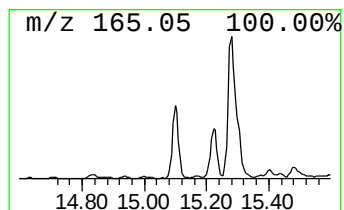
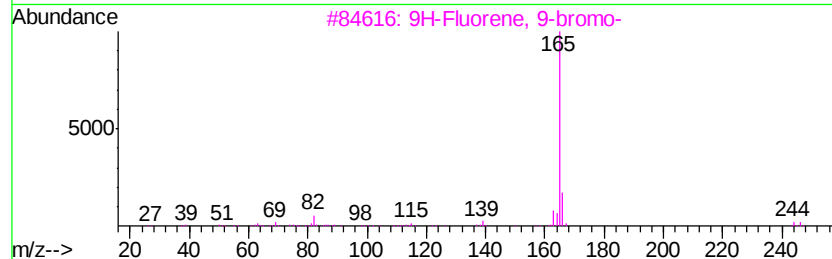
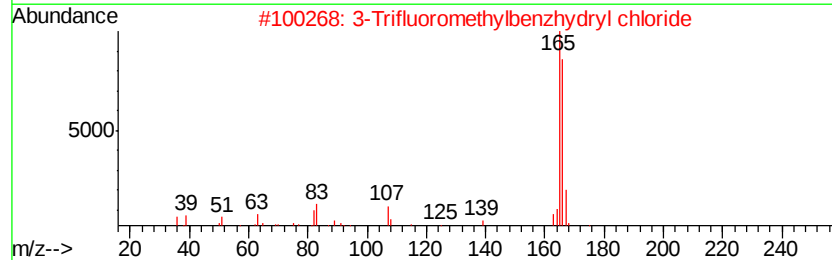
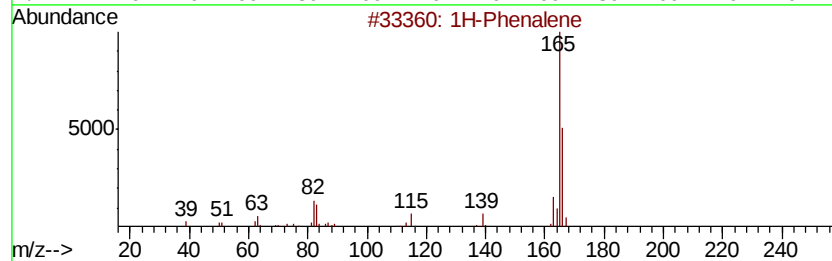
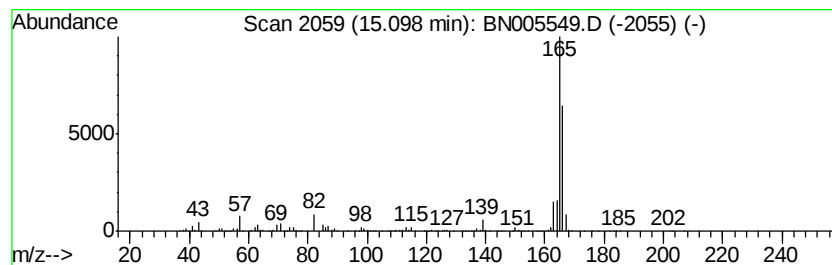
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1H-Phenalene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	7.29 ng/ul	1472620	Acenaphthene-d10	14.22

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Phenalene	166	C13H10	000203-80-5	78
2		3-Trifluoromethylbenzhvdrvl chlo...	270	C14H10ClF3	067240-79-3	56
3		9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	53
4		Fluorene	166	C13H10	000086-73-7	52
5		Fluorene	166	C13H10	000086-73-7	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Sample : K2604-10 10X
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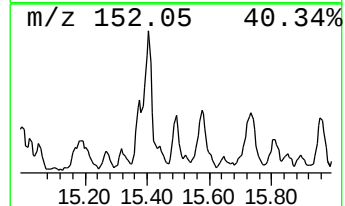
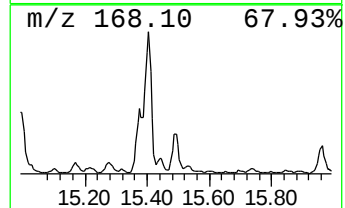
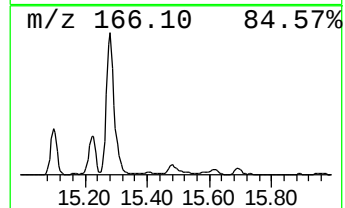
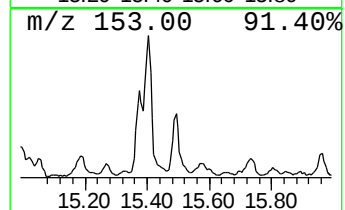
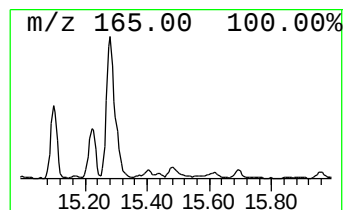
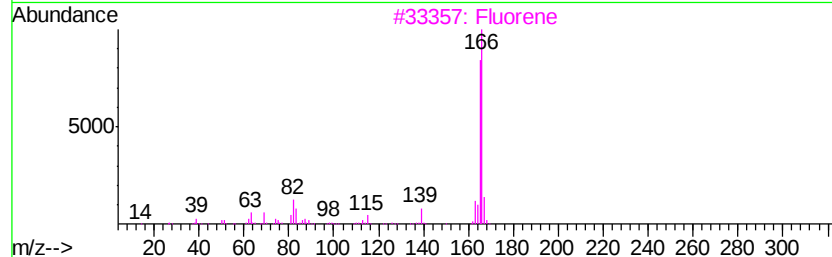
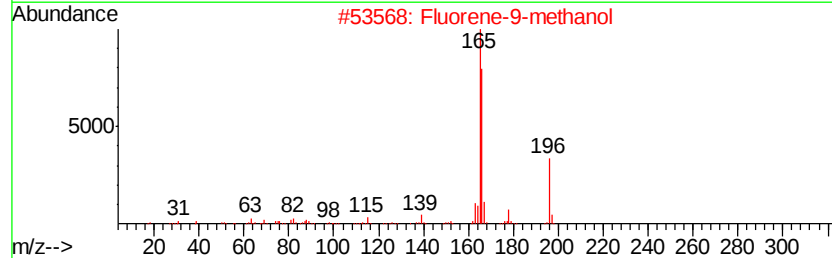
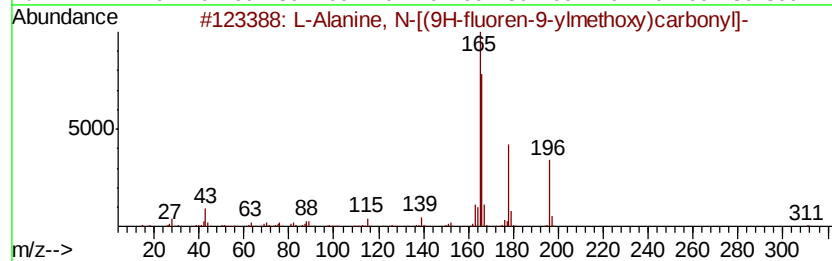
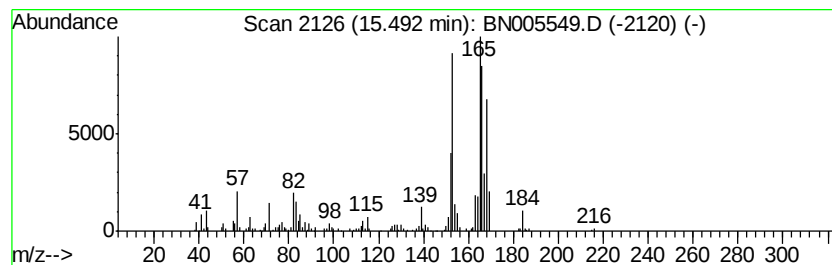
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	3.26 ng/ul	658764	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		L-Alanine, N-[(9H-fluoren-9-ylme...	311 C18H17N04	035661-39-3 47
2		Fluorene-9-methanol	196 C14H12O	024324-17-2 47
3		Fluorene	166 C13H10	000086-73-7 43
4		Fluorene-9-methanol	196 C14H12O	024324-17-2 38
5		3-Trifluoromethylbenzhydryl chlo...	270 C14H10ClF3	067240-79-3 37



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
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ClientSampleId :
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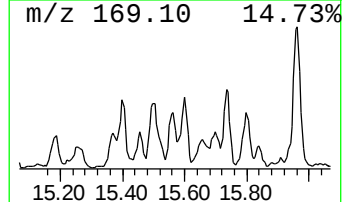
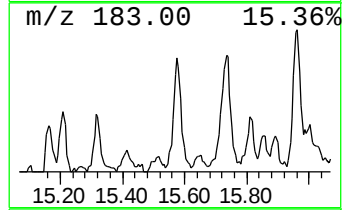
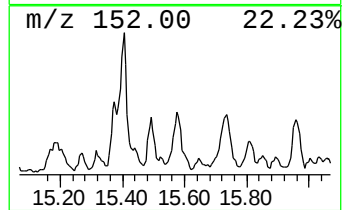
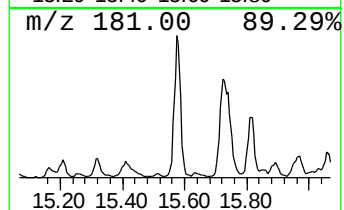
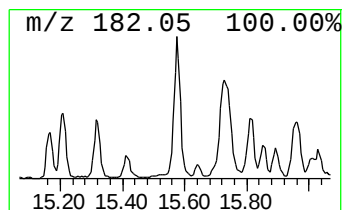
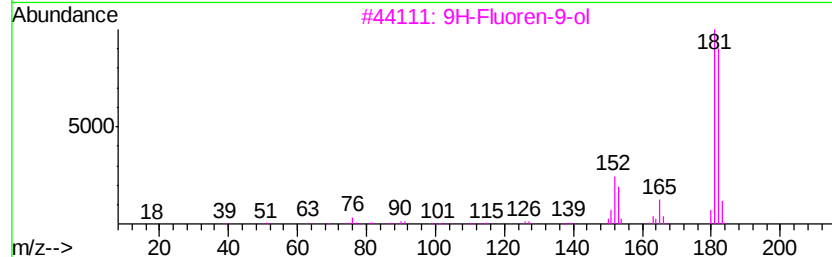
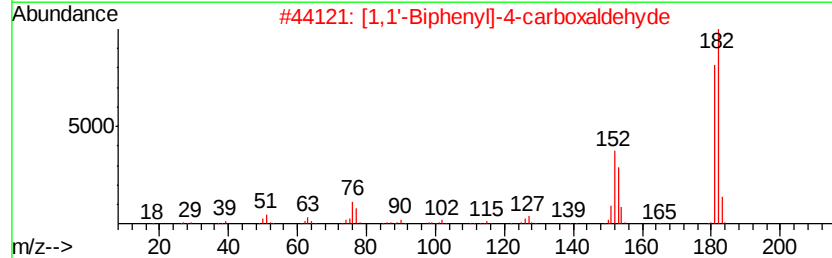
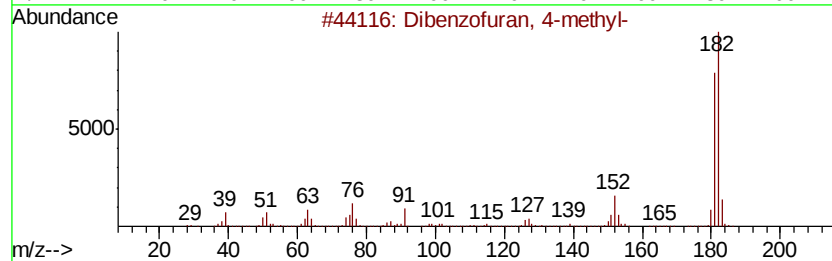
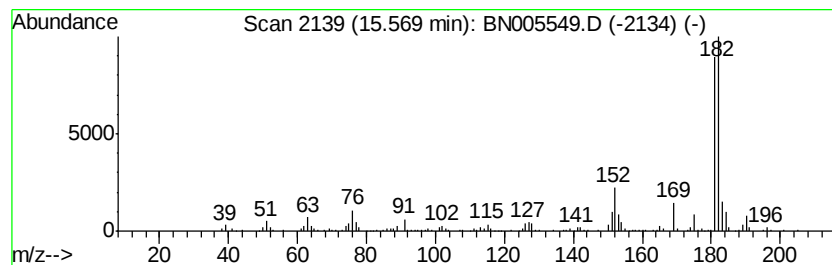
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dibenzofuran, 4-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	3.21 ng/ul	648738	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5		9H-Xanthene	182	C13H10O	000092-83-1	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
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Misc :
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ClientSampleId :
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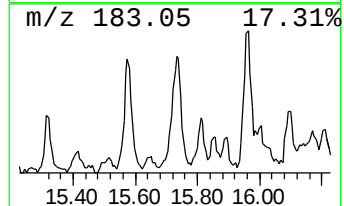
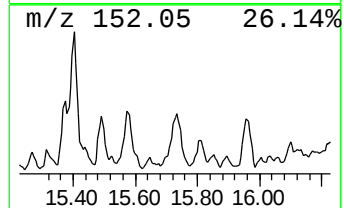
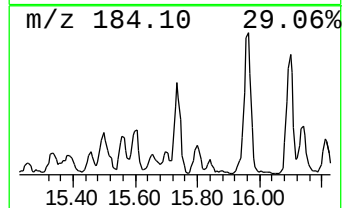
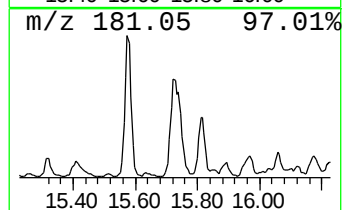
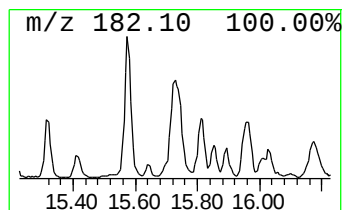
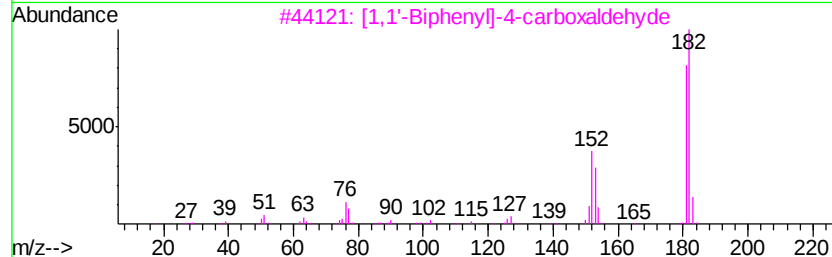
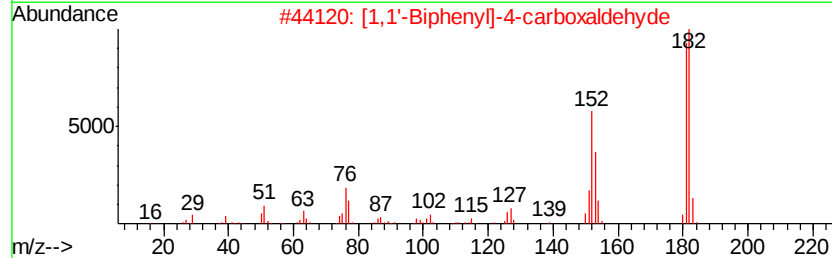
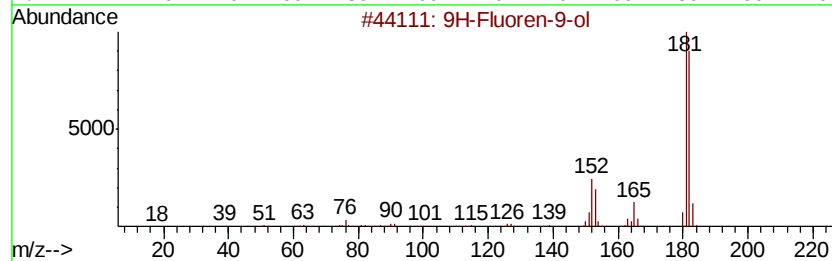
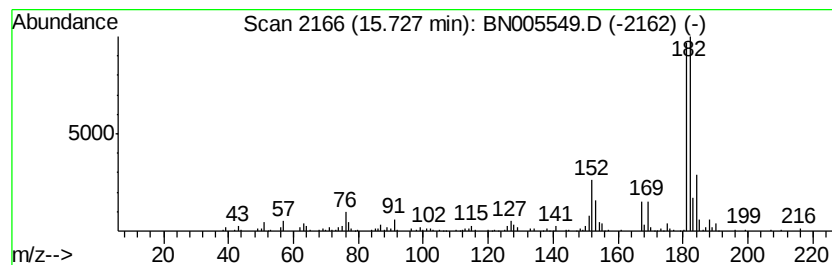
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 9H-Fluoren-9-ol Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	2.44 ng/ul	592822	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	58
2		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	58
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	55
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	50
5		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
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Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

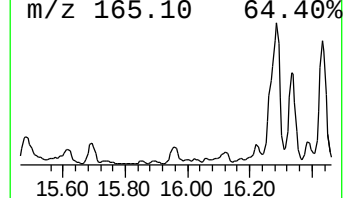
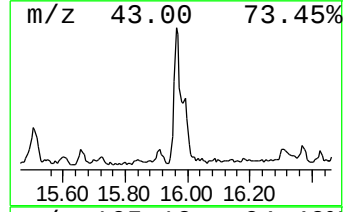
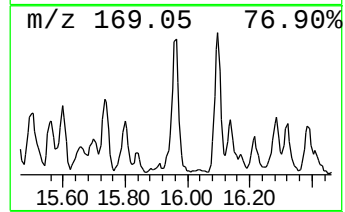
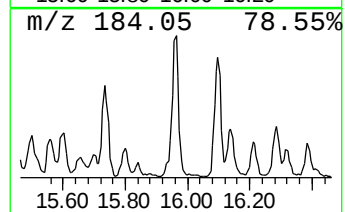
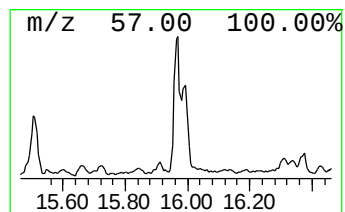
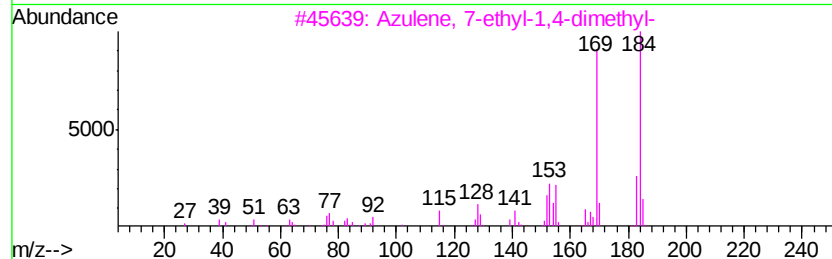
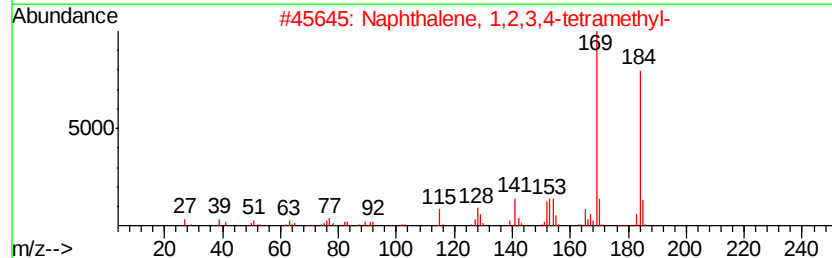
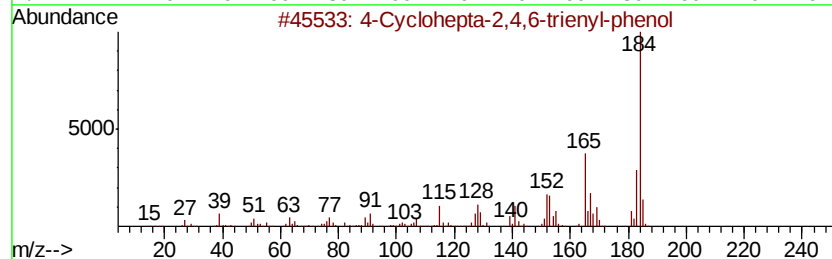
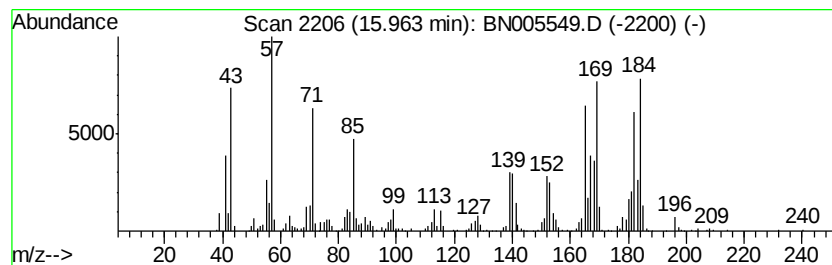
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.96	3.95 ng/ul	957775	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	91
2	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
3	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	45
4	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43
5	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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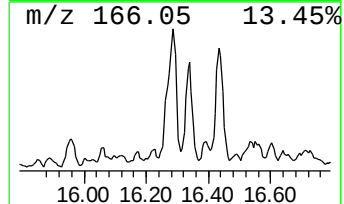
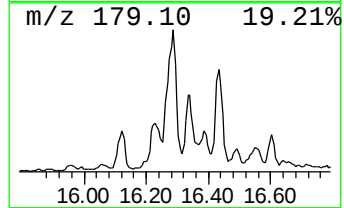
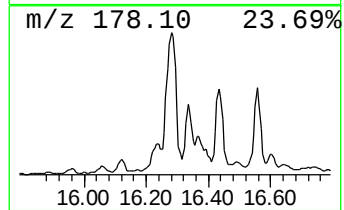
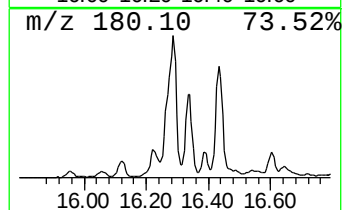
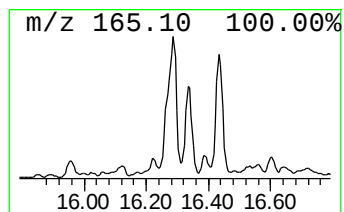
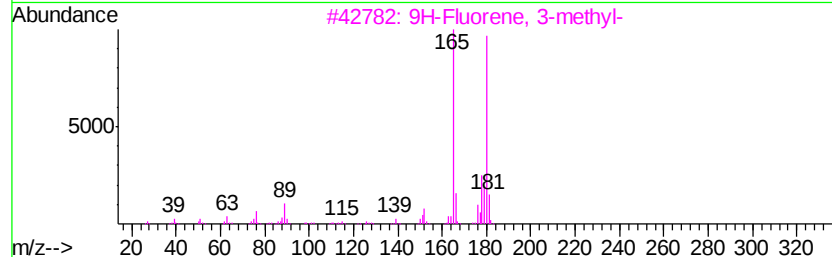
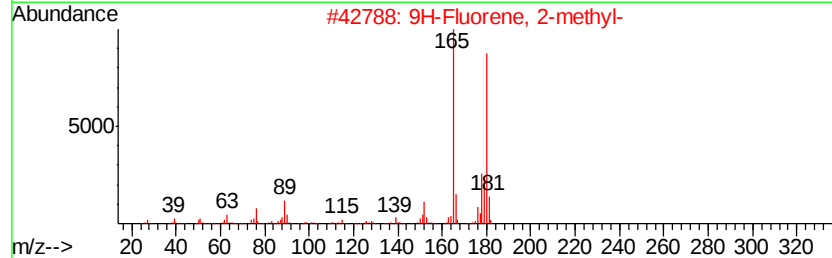
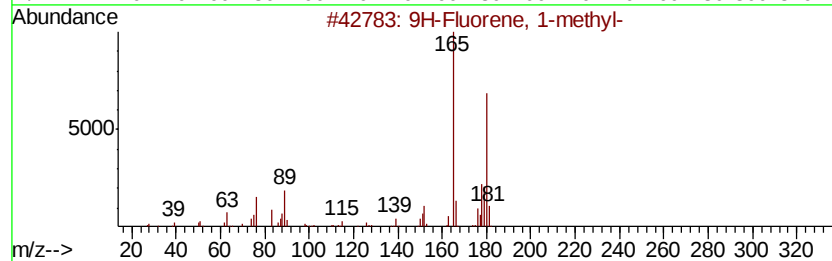
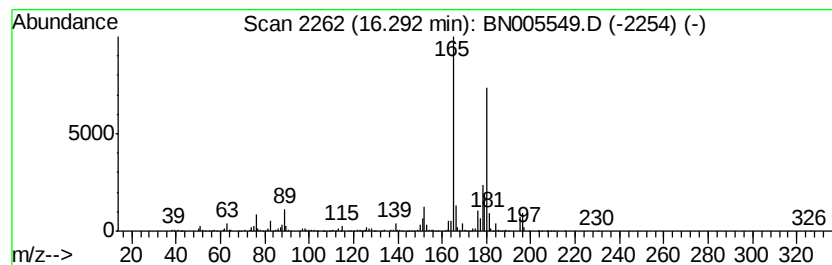
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	10.44 ng/ul	2533250	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
5		4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

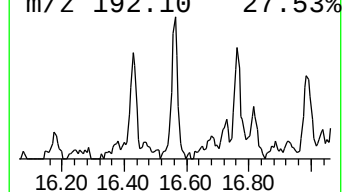
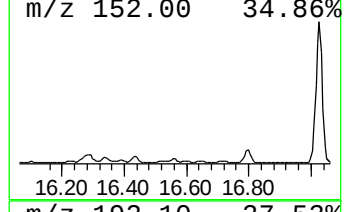
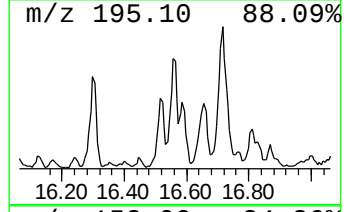
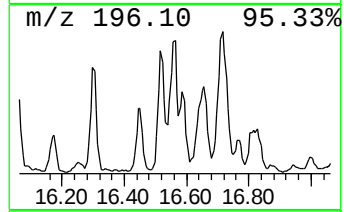
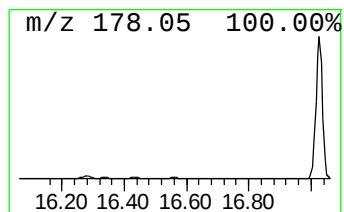
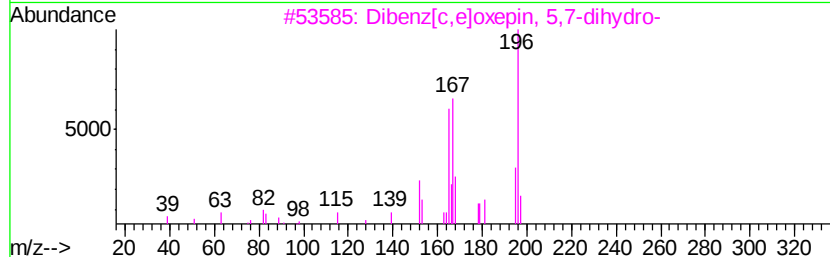
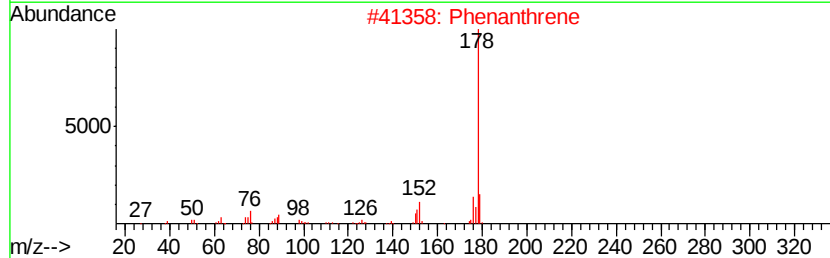
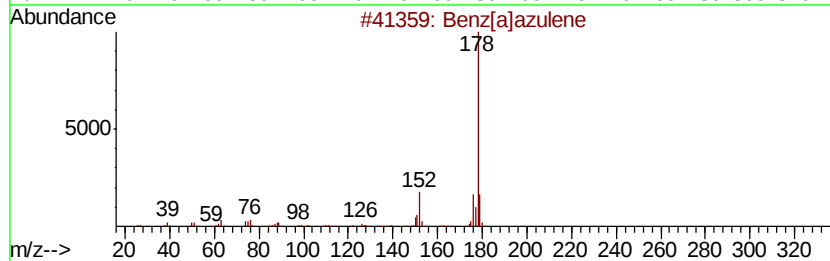
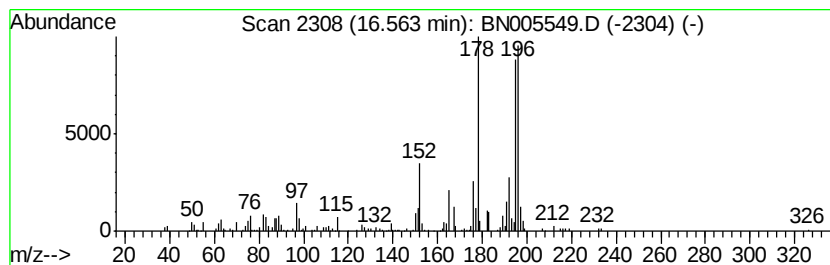
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-02 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.56	2.71 ng/ul	656779	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]azulene	178	C14H10	000246-02-6	42
2			Phenanthrene	178	C14H10	000085-01-8	38
3			Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	38
4			Diphenylethyne	178	C14H10	000501-65-5	30
5			9H-Fluorene, 9-methylene-	178	C14H10	004425-82-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

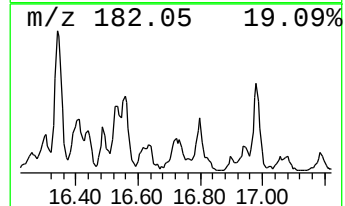
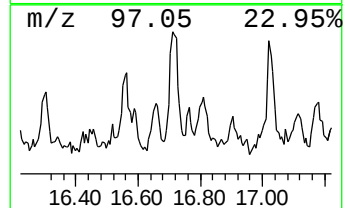
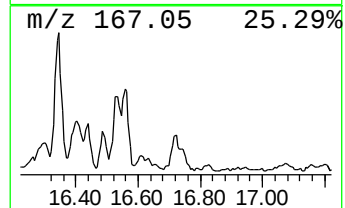
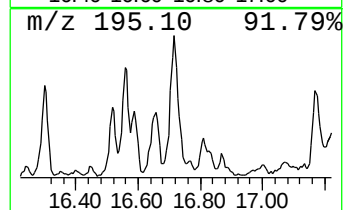
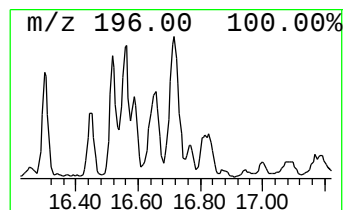
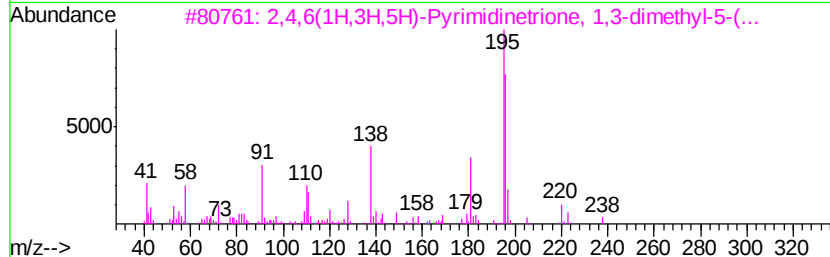
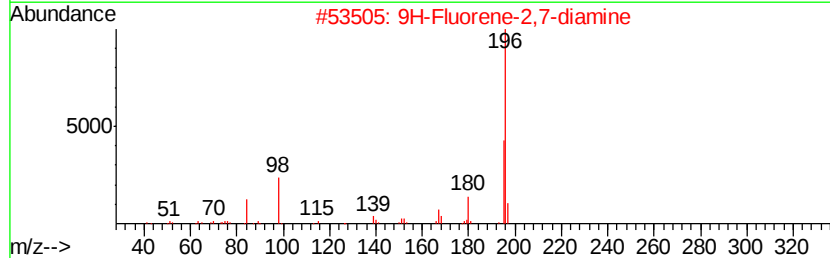
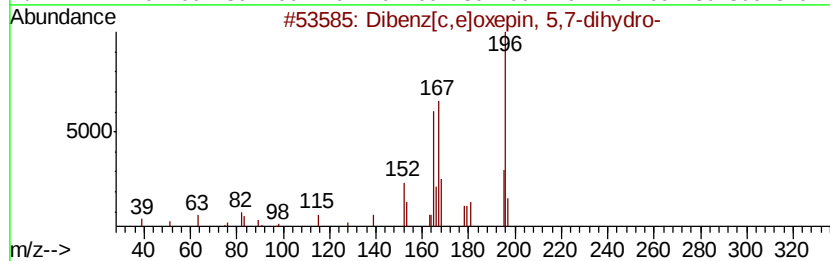
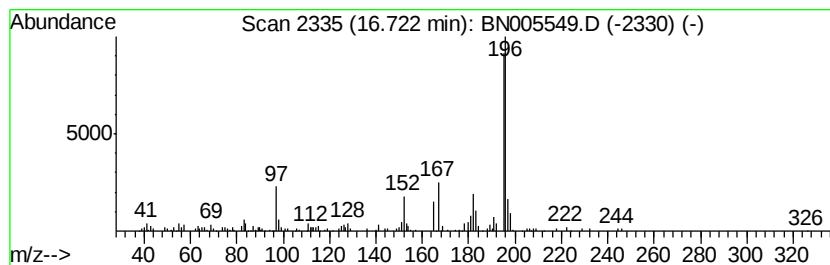
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-03 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.72	2.18 ng/ul	528869	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenz[c,e]oxepin, 5,7-dihydro-	196	C14H12O	001136-22-7	43
2		9H-Fluorene-2,7-diamine	196	C13H12N2	000525-64-4	43
3		2,4,6(1H,3H,5H)-Pyrimidinetrione...	238	C12H18N2O3	027509-65-5	42
4		1-Aza-2-sila-5-boracyclopent-3-e...	211	C10H22BNOSi	088636-31-1	37
5		Boron, [2-[[dimethyl(1-methyl-1-...	225	C11H24BNOSi	129363-69-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
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Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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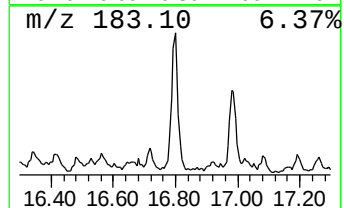
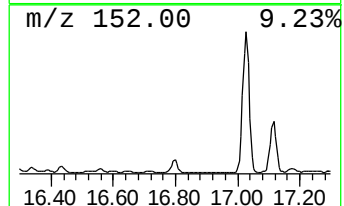
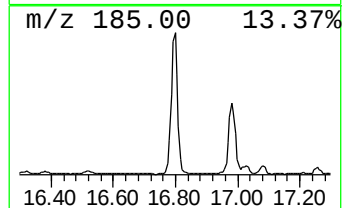
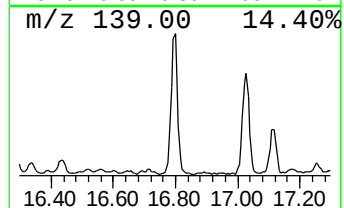
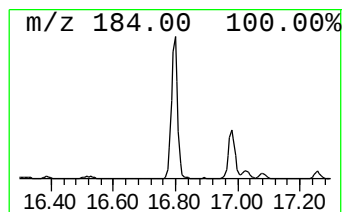
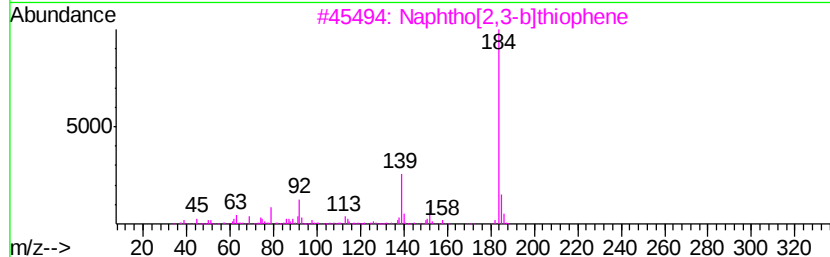
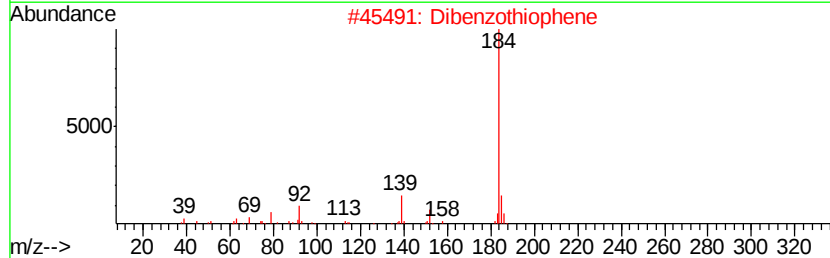
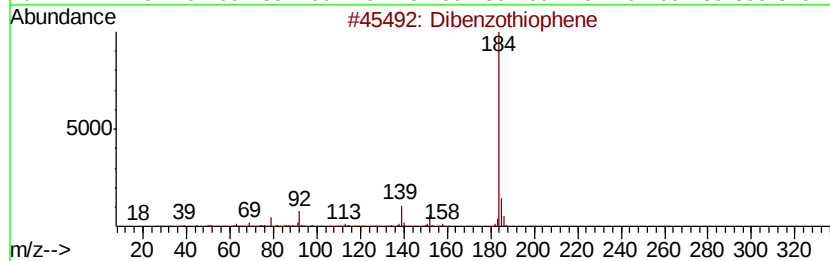
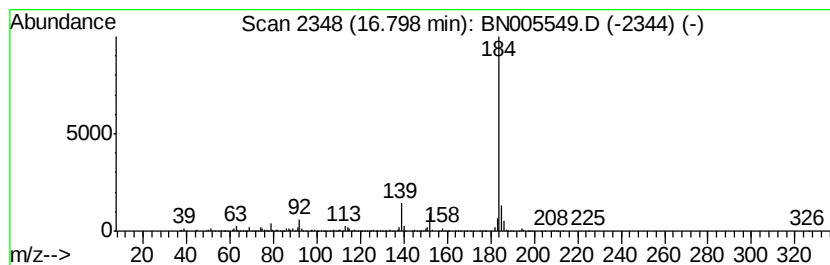
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Dibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	8.67 ng/ul	2102240	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4			Dibenzothiophene	184	C12H8S	000132-65-0	94
5			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

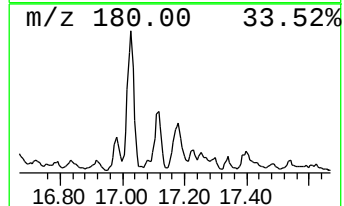
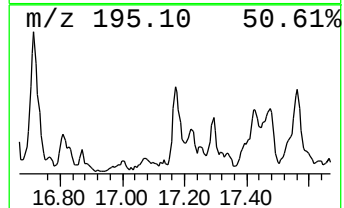
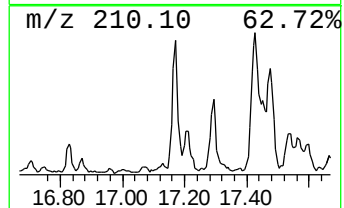
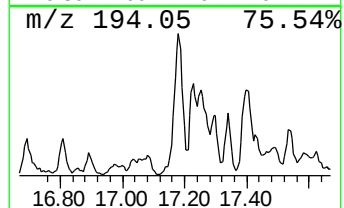
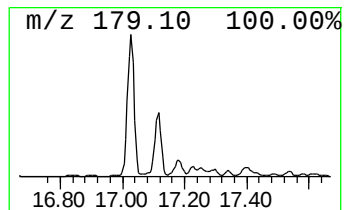
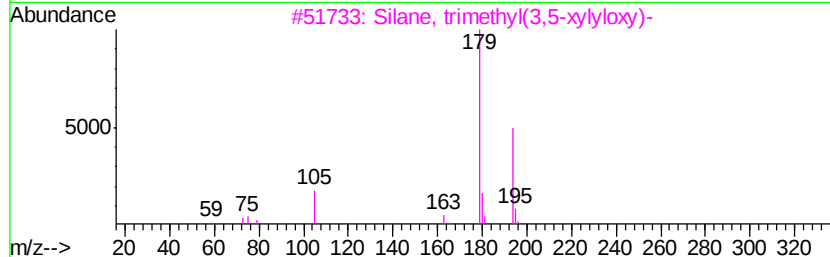
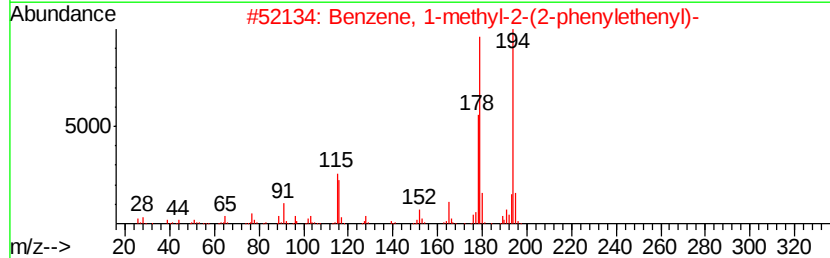
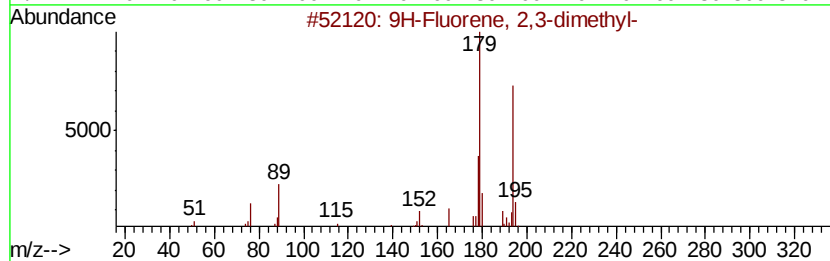
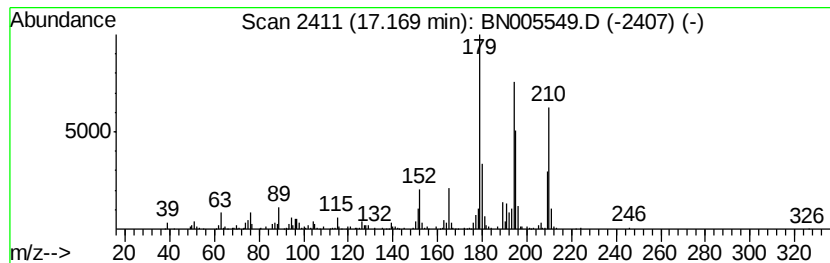
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 9H-Fluorene, 2,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.17	3.18 ng/ul	770509	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	86
2	Benzene, 1-methyl-2-(2-phenyleth...	194	C15H14	074685-42-0	58
3	Silane, trimethyl(3,5-xylvloxy)-	194	C11H18OSi	017994-05-7	52
4	Phenanthrene, 9,10-dihydro-1-met...	194	C15H14	095676-48-5	52
5	Benzo[h]quinoline	179	C13H9N	000230-27-3	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
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Acq On : 09 May 2019 01:12
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Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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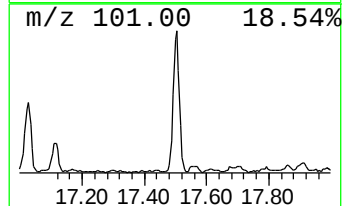
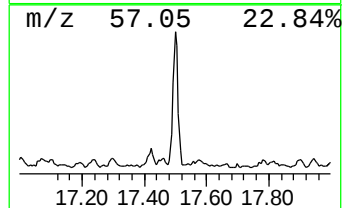
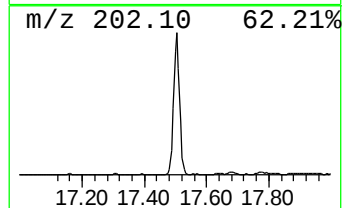
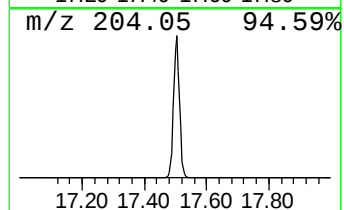
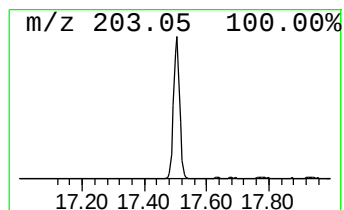
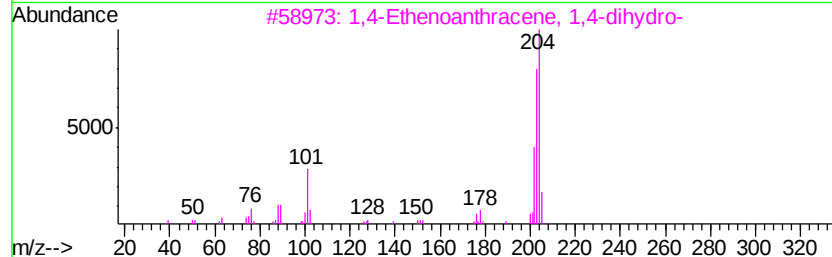
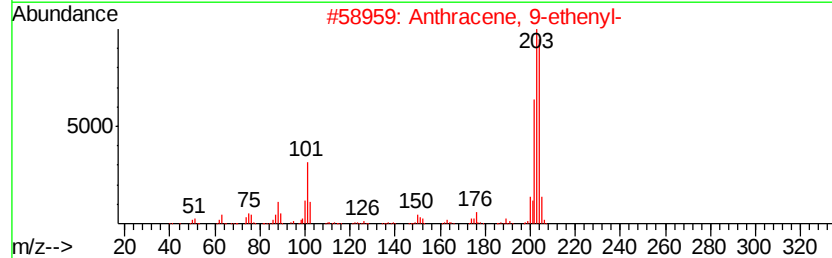
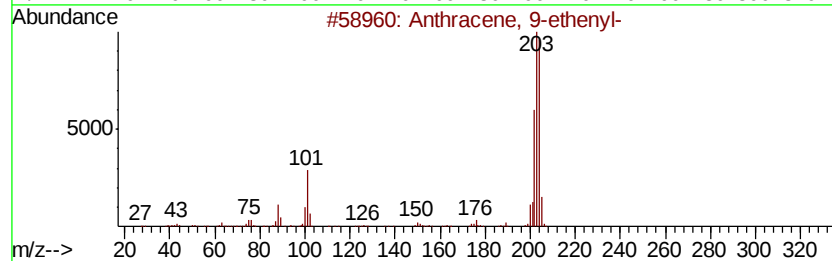
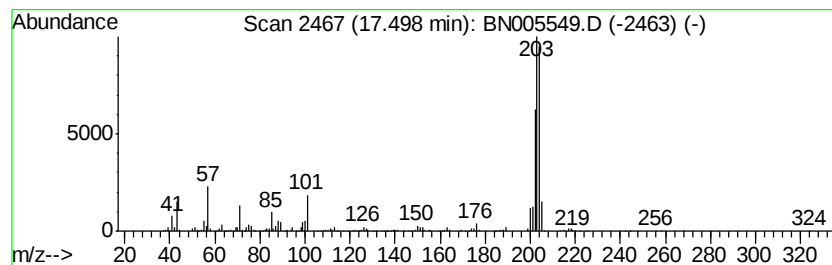
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Anthracene, 9-ethenyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	5.82 ng/ul	1412850	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3		1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	76
4		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
5		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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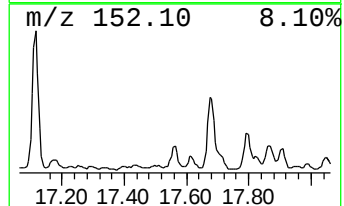
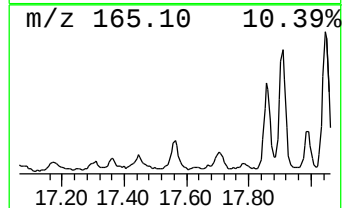
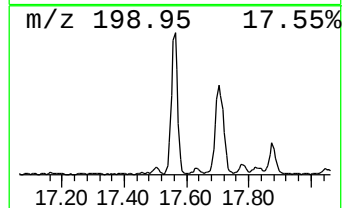
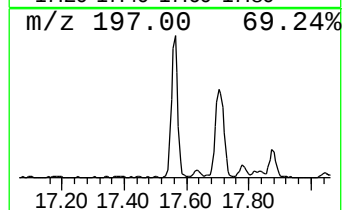
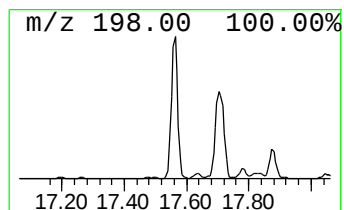
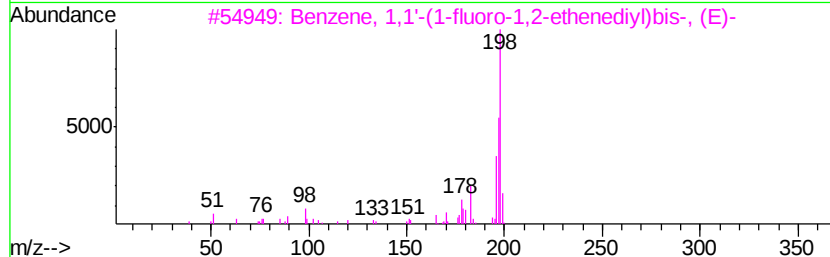
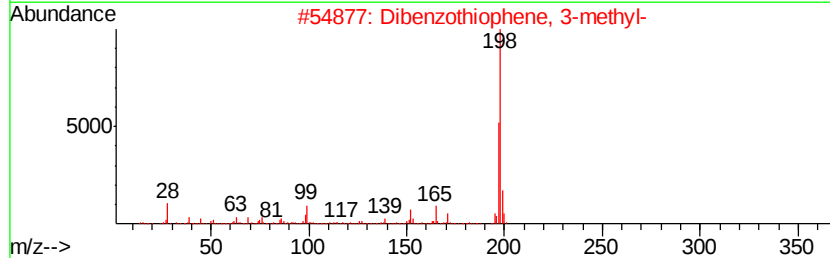
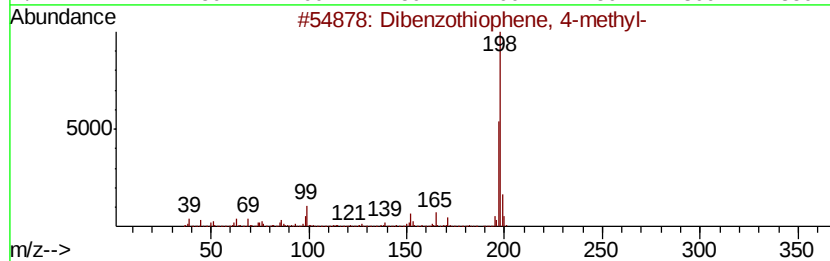
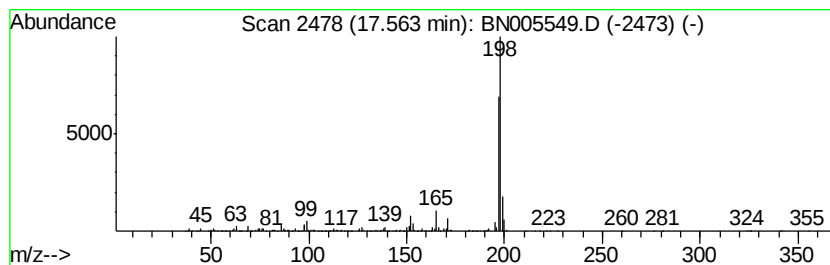
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Dibenzothiophene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	6.63 ng/ul	1608700	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	94
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
3			Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
4			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
5			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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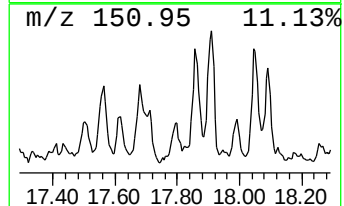
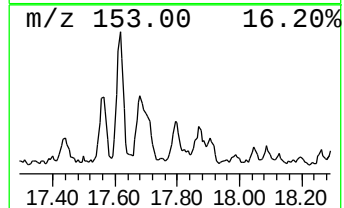
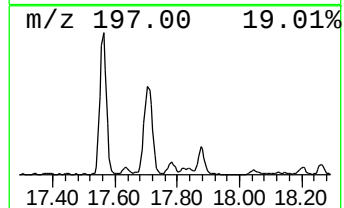
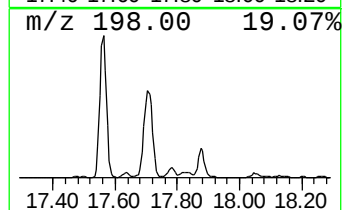
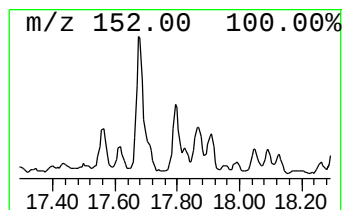
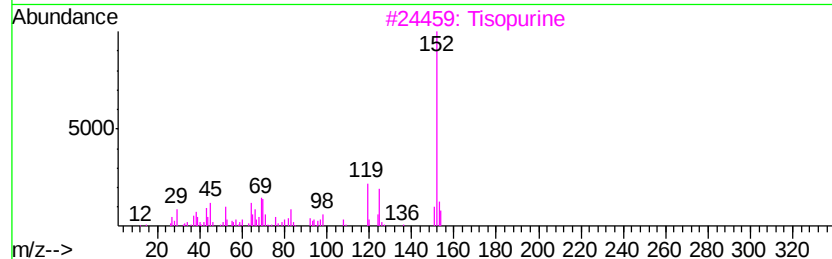
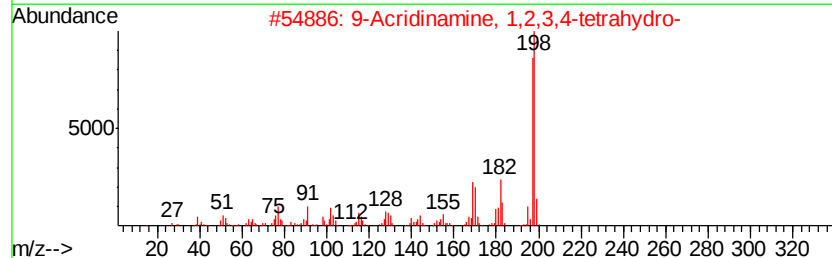
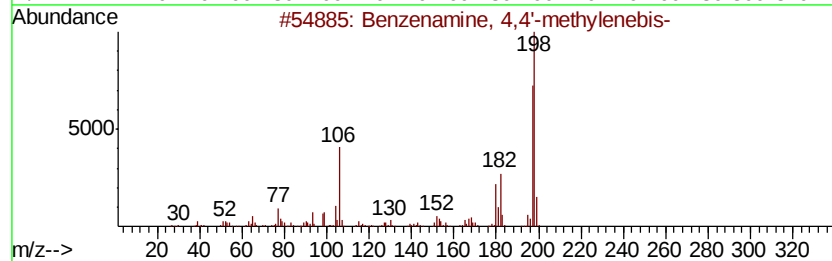
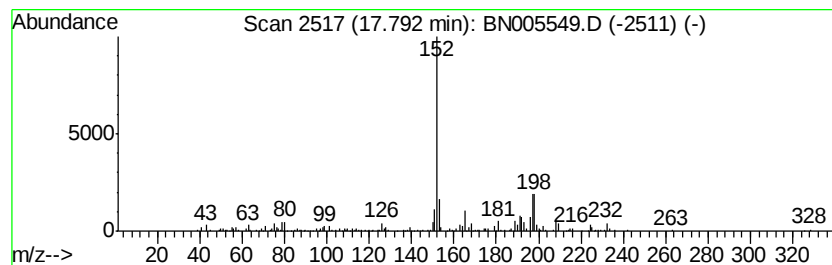
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 unknown-04 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	2.09 ng/ul	506296	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	30
2		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	27
3		Tisopurine	152	C5H4N4S	005334-23-6	25
4		4-Hydrazono-5-hydroxvimino-4,5,6...	197	C6H7N5O3	303194-86-7	25
5		Methanethione, diphenyl-	198	C13H10S	001450-31-3	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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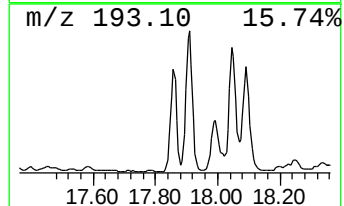
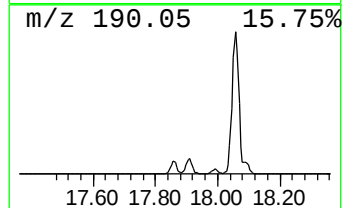
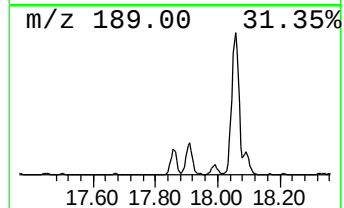
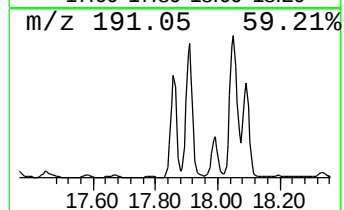
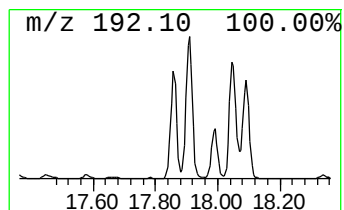
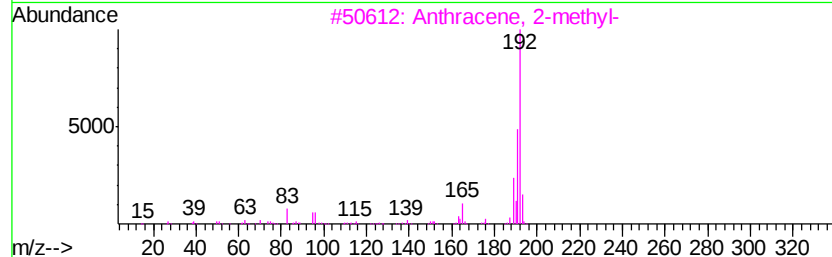
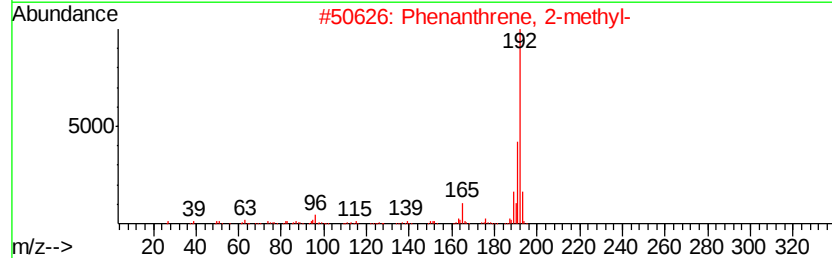
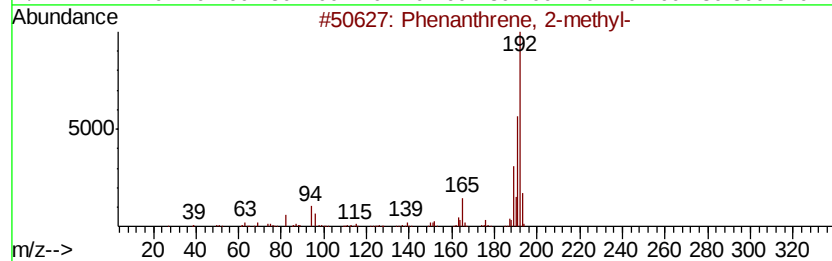
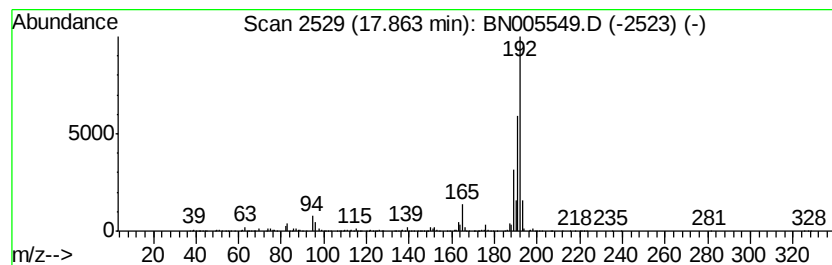
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	17.58 ng/ul	4263900	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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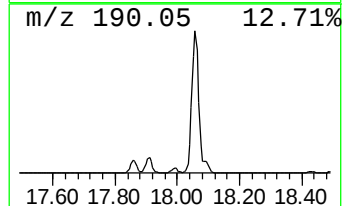
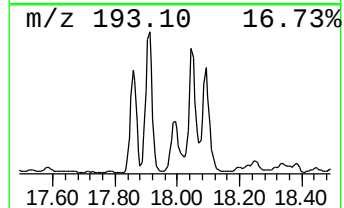
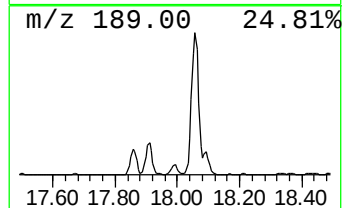
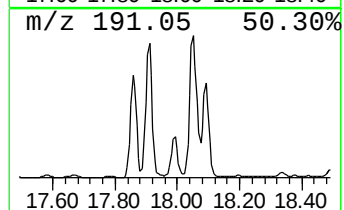
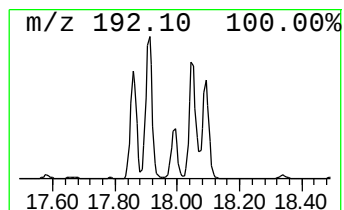
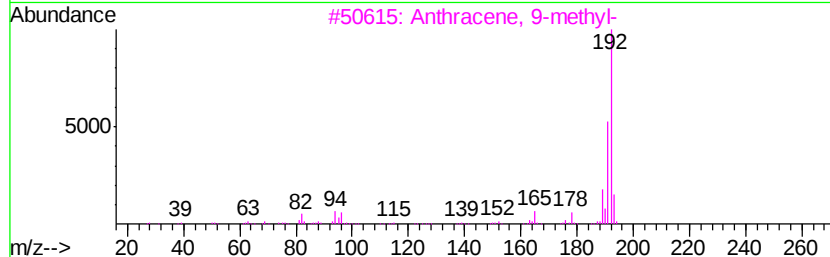
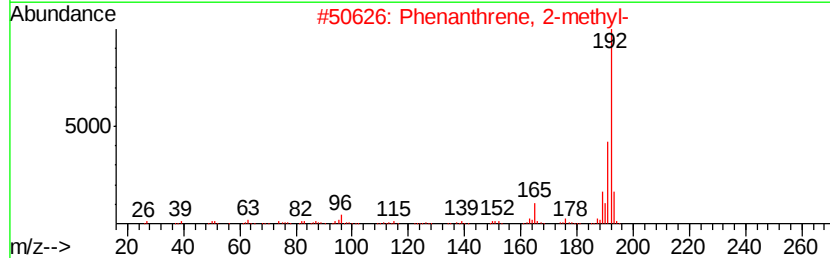
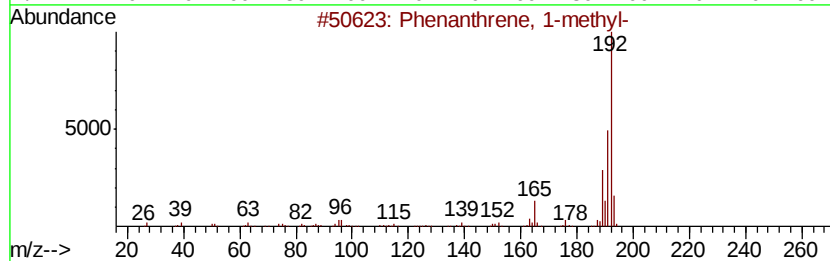
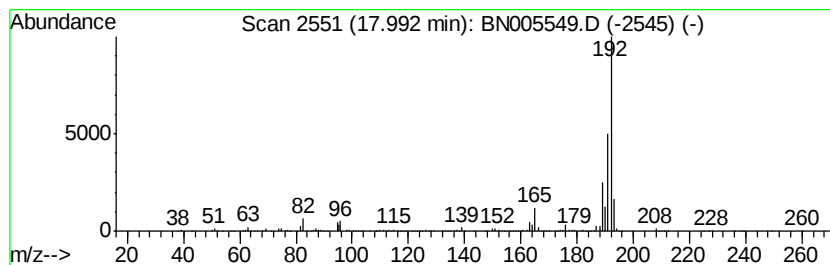
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	7.87 ng/ul	1908500	Phenanthrene-d10	16.98

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

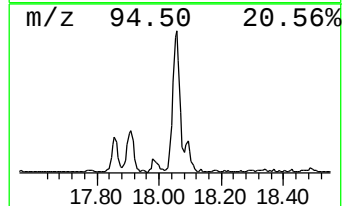
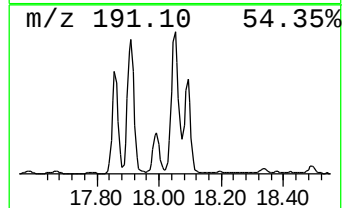
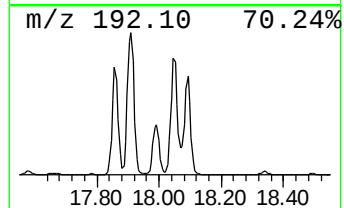
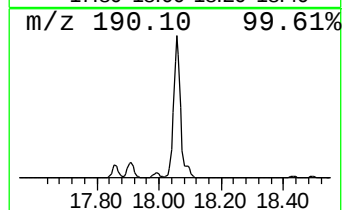
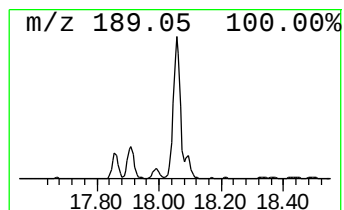
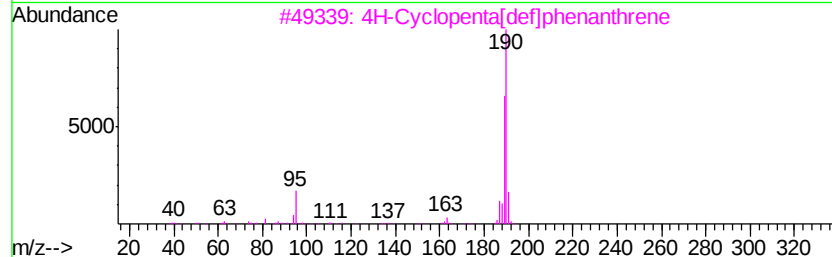
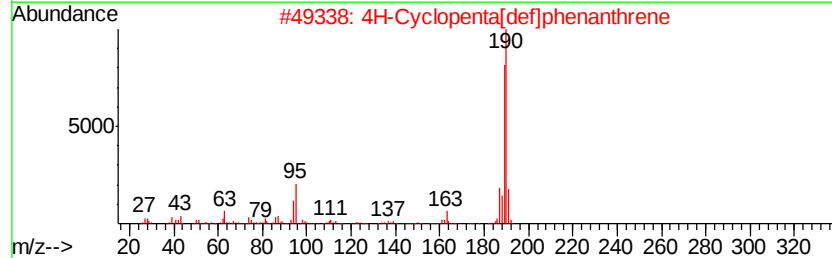
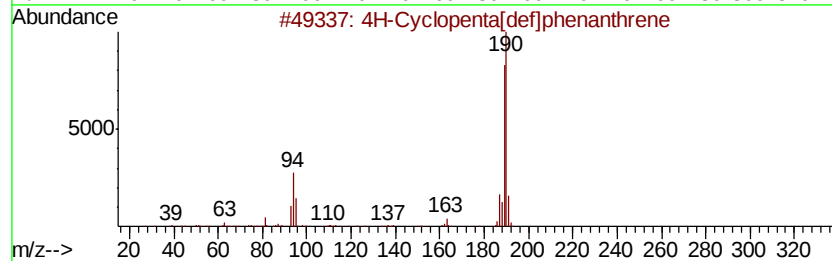
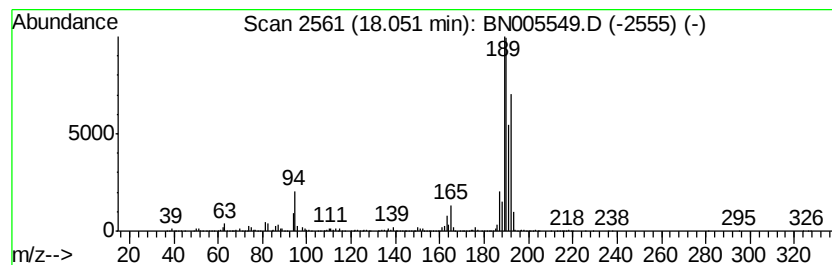
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	55.03 ng/ul	13348700	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
4	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
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Sample : K2604-10 10X
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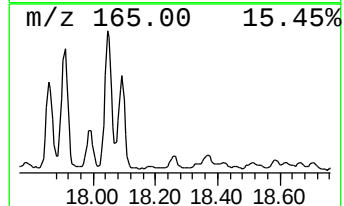
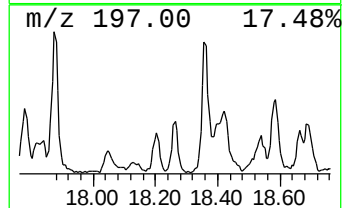
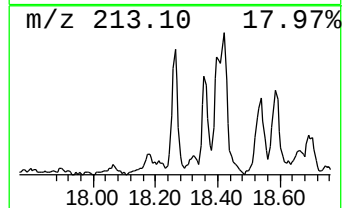
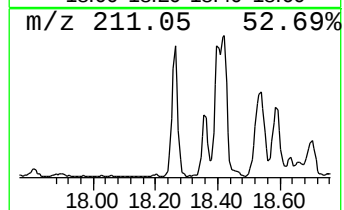
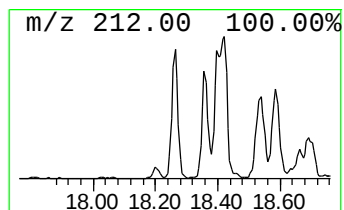
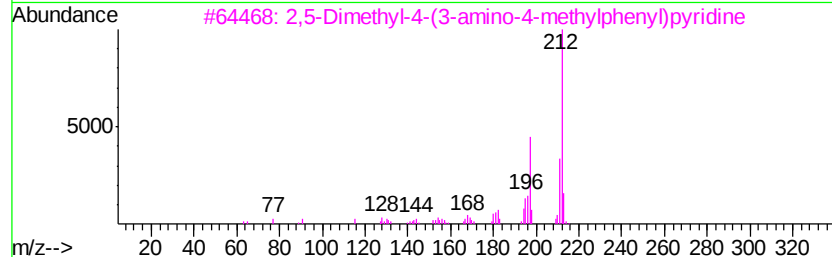
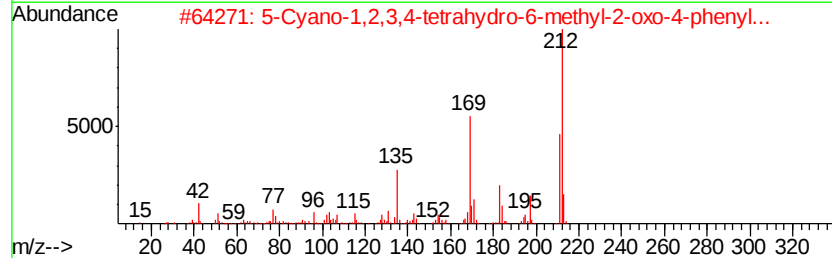
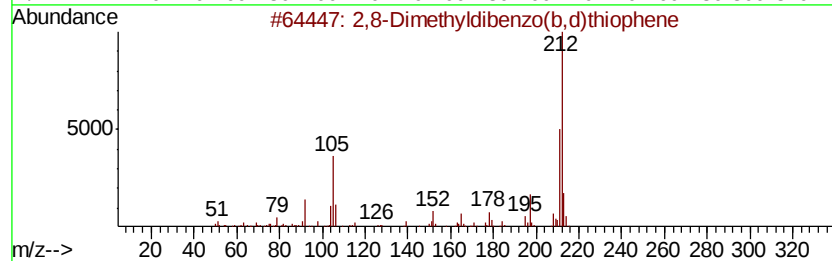
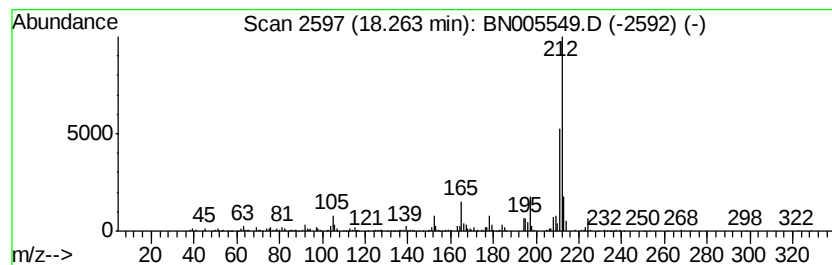
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 2,8-Dimethyldibenzo(b,d)thi... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.26	2.10 ng/ul	510288	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,8-Dimethyldibenzo(b,d)thiophene	212	C14H12S	001207-15-4	97	
2	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	80	
3	2,5-Dimethyl-4-(3-amino-4-methyl...	212	C14H16N2	071153-33-8	64	
4	2,5-Dimethoxy-4-(methylthio)-ben...	212	C10H12O3S	061638-04-8	50	
5	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	50	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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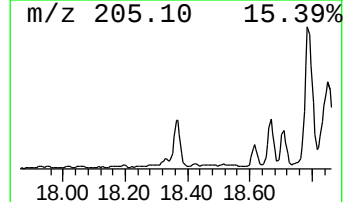
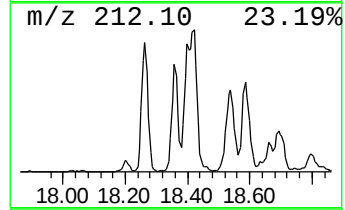
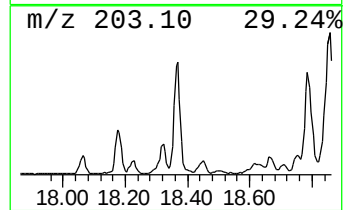
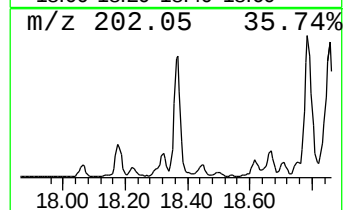
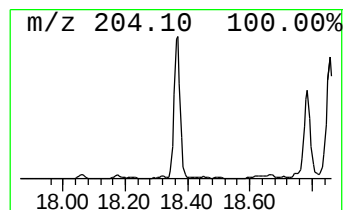
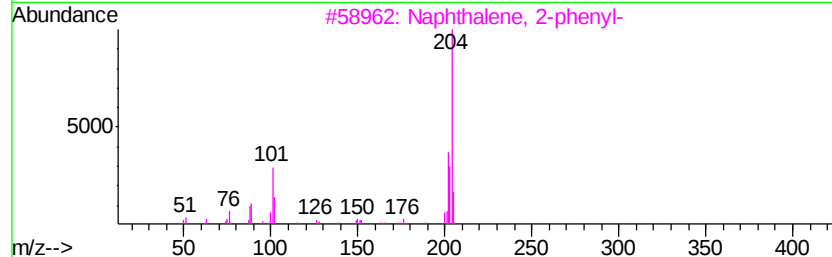
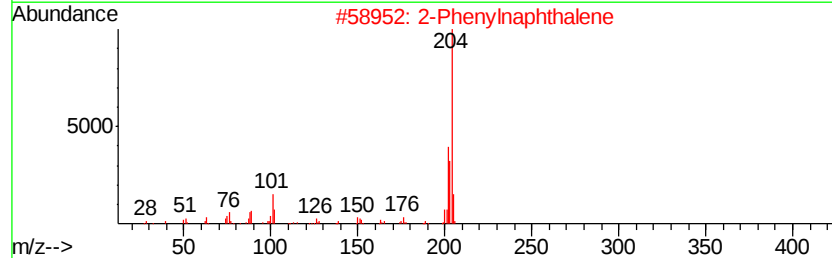
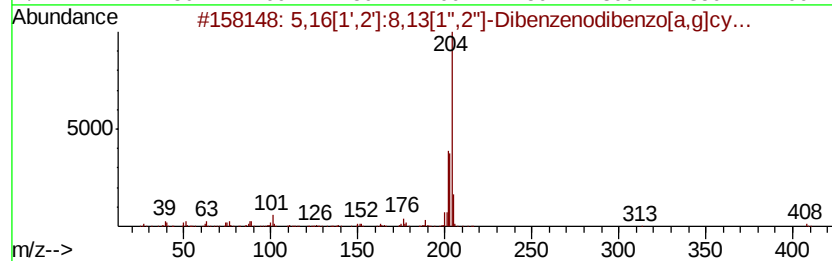
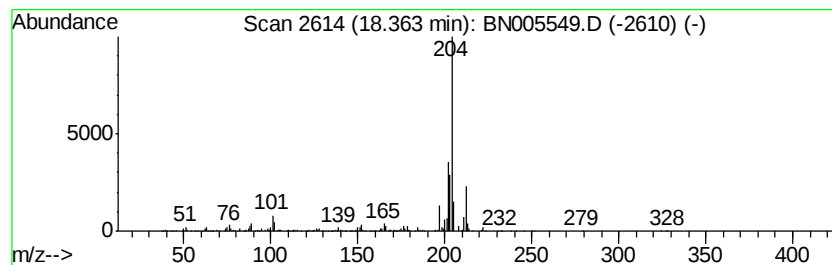
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	6.81 ng/ul	1652840	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
2			2-Phenylnaphthalene	204	C16H12	035465-71-5	60
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAJ84

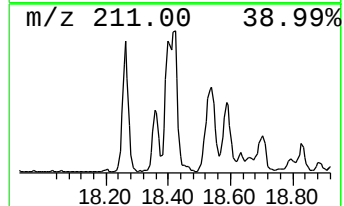
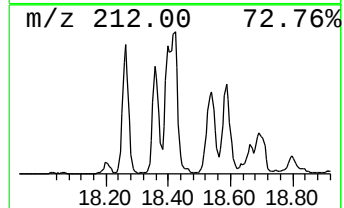
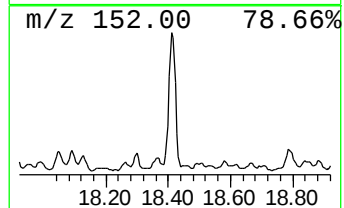
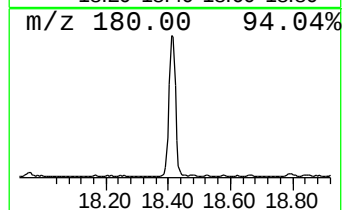
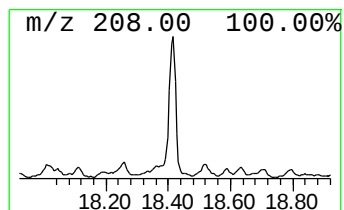
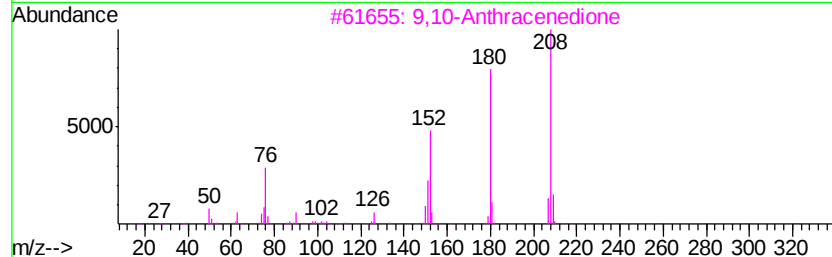
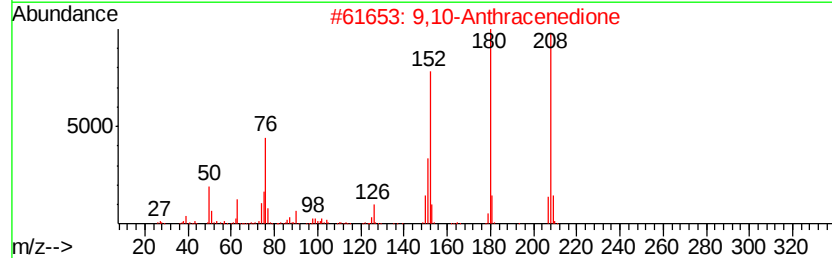
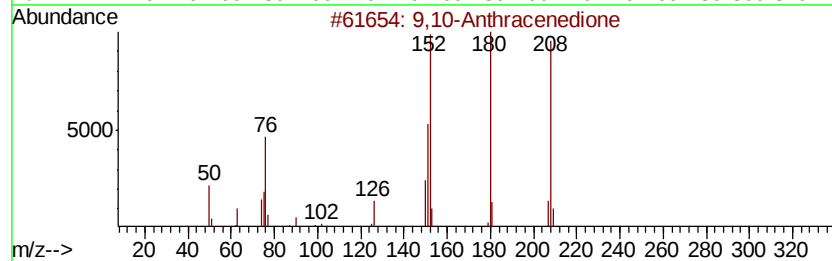
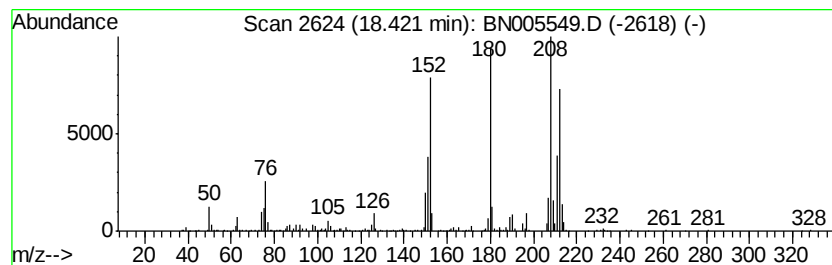
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	7.66 ng/ul	1856980	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	92
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050819\
Data File : BN005549.D
Acq On : 09 May 2019 01:12
Operator : JU/SJ
Sample : K2604-10 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

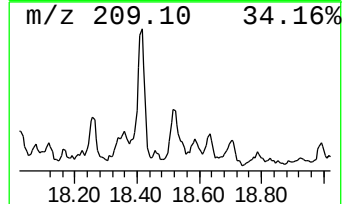
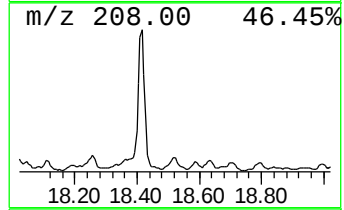
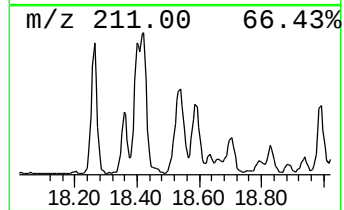
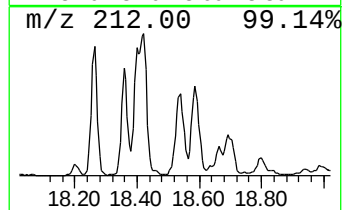
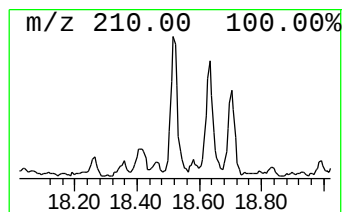
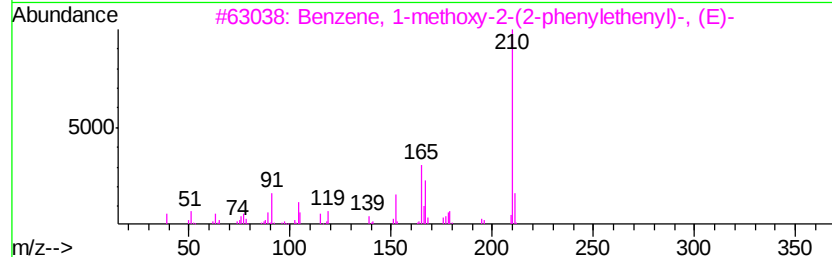
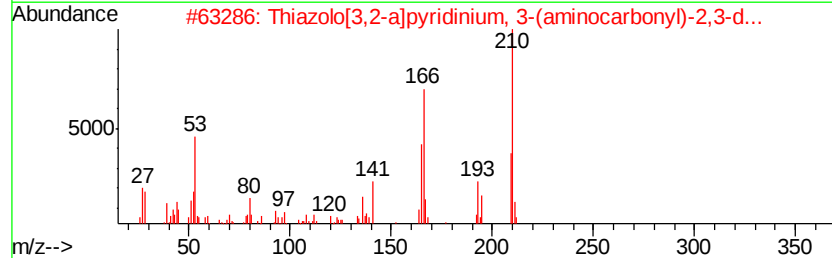
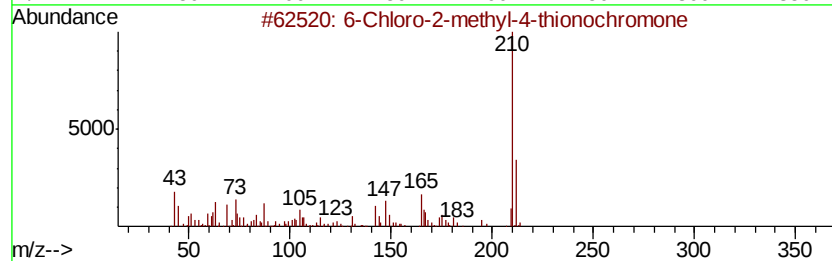
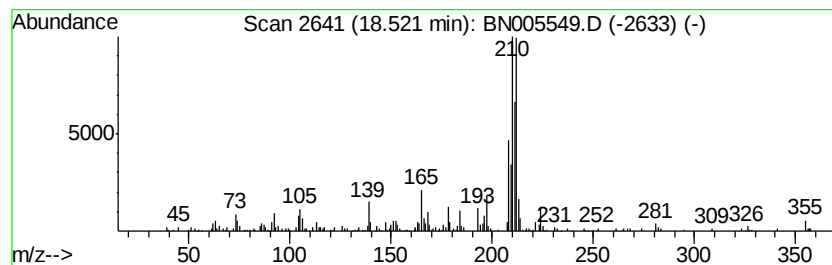
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 unknown-05 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.52	3.04 ng/ul	738367	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Chloro-2-methyl-4-thionochromone	210	C10H7ClOS	133406-31-2	43	
2	Thiazolo[3,2-a]pyridinium, 3-(am...	210	C9H10N2O2S	023099-03-8	35	
3	Benzene, 1-methoxy-2-(2-phenylet...	210	C15H14O	052805-92-2	35	
4	1,2,3-Thiadiazole, 4,5-diphenyl-	238	C14H10N2S	005393-99-7	32	
5	5-Naphthalen-1-yl-2H-pyrazol-3-ol	210	C13H10N2O	1000274-79-5	30	



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050819\
 Data File : BN005549.D
 Acq On : 09 May 2019 01:12
 Operator : JU/SJ
 Sample : K2604-10 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ84

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...	12.24	3.5	ng/ul	542587	2	10.35	3064360	20.0
Naphthalene, 2,3-...	13.54	4.0	ng/ul	797517	3	14.22	4041860	20.0
Naphthalene, 1,3-...	13.77	2.7	ng/ul	544159	3	14.22	4041860	20.0
Naphthalene, 2,3,...	14.63	3.5	ng/ul	697475	3	14.22	4041860	20.0
Naphthalene, 1,4,...	14.84	7.1	ng/ul	1432170	3	14.22	4041860	20.0
1H-Phenalene	15.10	7.3	ng/ul	1472620	3	14.22	4041860	20.0
unknown-01	15.49	3.3	ng/ul	658764	3	14.22	4041860	20.0
Dibenzofuran, 4-m...	15.57	3.2	ng/ul	648738	3	14.22	4041860	20.0
9H-Fluoren-9-ol	15.73	2.4	ng/ul	592822	4	16.98	4851330	20.0
4-Cyclohepta-2,4,...	15.96	4.0	ng/ul	957775	4	16.98	4851330	20.0
9H-Fluorene, 1-me...	16.29	10.4	ng/ul	2533250	4	16.98	4851330	20.0
unknown-02	16.56	2.7	ng/ul	656779	4	16.98	4851330	20.0
unknown-03	16.72	2.2	ng/ul	528869	4	16.98	4851330	20.0
Dibenzothiophene	16.80	8.7	ng/ul	2102240	4	16.98	4851330	20.0
9H-Fluorene, 2,3-...	17.17	3.2	ng/ul	770509	4	16.98	4851330	20.0
Anthracene, 9-eth...	17.50	5.8	ng/ul	1412850	4	16.98	4851330	20.0
Dibenzothiophene,...	17.56	6.6	ng/ul	1608700	4	16.98	4851330	20.0
unknown-04	17.79	2.1	ng/ul	506296	4	16.98	4851330	20.0
Phenanthrene, 2-m...	17.86	17.6	ng/ul	4263900	4	16.98	4851330	20.0
Phenanthrene, 1-m...	17.99	7.9	ng/ul	1908500	4	16.98	4851330	20.0
4H-Cyclopenta[def...	18.05	55.0	ng/ul	13348700	4	16.98	4851330	20.0
2,8-Dimethyldiben...	18.26	2.1	ng/ul	510288	4	16.98	4851330	20.0
5,16[1',2']:8,13[...	18.36	6.8	ng/ul	1652840	4	16.98	4851330	20.0
9,10-Anthracenedione	18.42	7.7	ng/ul	1856980	4	16.98	4851330	20.0
unknown-05	18.52	3.0	ng/ul	738367	4	16.98	4851330	20.0