

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
 Data File : BN005582.D
 Acq On : 10 May 2019 00:36
 Operator : JU/SJ
 Sample : K2604-10DL 30X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAJ84DL

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	1055185	1773565	19.17%	1.971%
2	8.116	864	872	879	rBV2	40276	80669	0.87%	0.090%
3	10.351	1244	1252	1268	rBV	1524743	2683764	29.02%	2.983%
4	11.887	1502	1513	1526	rVB4	34584	127578	1.38%	0.142%
5	12.245	1567	1574	1585	rBV	78745	152375	1.65%	0.169%
6	13.392	1763	1769	1776	rBV6	33844	81807	0.88%	0.091%
7	13.545	1788	1795	1800	rBV	139560	234720	2.54%	0.261%
8	13.598	1800	1804	1808	rVV2	68136	97375	1.05%	0.108%
9	13.681	1814	1818	1824	rVB2	101213	168999	1.83%	0.188%
10	13.781	1829	1835	1838	rVV	105480	166403	1.80%	0.185%
11	13.945	1853	1863	1873	rBV	762572	1337437	14.46%	1.486%
12	14.222	1904	1910	1917	rVV2	2201499	3544469	38.32%	3.939%
13	14.286	1917	1921	1930	rVV	171472	291346	3.15%	0.324%
14	14.634	1971	1980	1988	rVV	104678	203947	2.20%	0.227%
15	14.710	1988	1993	1999	rVB	131914	193455	2.09%	0.215%
16	14.845	2009	2016	2023	rBV4	188999	458884	4.96%	0.510%
17	14.998	2038	2042	2044	rBV2	64911	86187	0.93%	0.096%
18	15.104	2055	2060	2067	rVB	311458	432975	4.68%	0.481%
19	15.192	2067	2075	2076	rBV3	71439	133135	1.44%	0.148%
20	15.222	2076	2080	2085	rVV	325089	506610	5.48%	0.563%
21	15.281	2085	2090	2102	rVV	678023	1303478	14.09%	1.449%
22	15.404	2108	2111	2115	rVV	142331	215520	2.33%	0.240%
23	15.492	2121	2126	2134	rVV5	88698	200317	2.17%	0.223%
24	15.575	2135	2140	2151	rVB4	81036	193525	2.09%	0.215%
25	15.733	2163	2167	2175	rVB2	79227	160522	1.74%	0.178%
26	15.963	2200	2206	2215	rBV4	181525	342874	3.71%	0.381%
27	16.228	2247	2251	2254	rVV5	47030	80021	0.87%	0.089%
28	16.286	2254	2261	2266	rVV2	341630	726791	7.86%	0.808%
29	16.339	2266	2270	2275	rVV2	217968	348977	3.77%	0.388%
30	16.392	2276	2279	2282	rVV2	64066	90853	0.98%	0.101%
31	16.433	2282	2286	2293	rVB	253328	396849	4.29%	0.441%
32	16.522	2298	2301	2304	rVV5	55901	90774	0.98%	0.101%
33	16.563	2305	2308	2311	rVV2	102559	133916	1.45%	0.149%
34	16.716	2328	2334	2339	rBV5	59253	110826	1.20%	0.123%

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 Title : SVOA CALIBRATION

35	16.798	2344	2348	2358	rVB	378501	619217	6.69%	0.688%
36	16.980	2373	2379	2383	rBV2	2683926	4112890	44.47%	4.571%
37	17.028	2383	2387	2392	rVV	3813772	5394028	58.32%	5.995%
38	17.080	2392	2396	2397	rVV	131133	168069	1.82%	0.187%
39	17.116	2397	2402	2408	rVV	1580952	2234162	24.15%	2.483%
40	17.175	2408	2412	2418	rVV3	112983	223381	2.42%	0.248%
41	17.298	2430	2433	2437	rVB4	56488	79815	0.86%	0.089%
42	17.504	2464	2468	2472	rVB2	334299	417575	4.51%	0.464%
43	17.563	2473	2478	2485	rVB	343384	495643	5.36%	0.551%
44	17.710	2493	2503	2511	rVB2	218299	560538	6.06%	0.623%
45	17.792	2511	2517	2524	rBV4	62517	168412	1.82%	0.187%
46	17.863	2524	2529	2533	rBV	826932	1252573	13.54%	1.392%
47	17.910	2533	2537	2546	rVB	1259823	1681809	18.18%	1.869%
48	17.992	2546	2551	2555	rBV	362025	534707	5.78%	0.594%
49	18.051	2555	2561	2566	rBV2	2183260	3802415	41.11%	4.226%
50	18.092	2566	2568	2578	rVB	819338	994388	10.75%	1.105%
51	18.192	2578	2585	2590	rBV4	77664	180904	1.96%	0.201%
52	18.263	2593	2597	2601	rVB2	121716	154815	1.67%	0.172%
53	18.369	2604	2615	2618	rBV2	323608	563092	6.09%	0.626%
54	18.416	2618	2623	2633	rVB2	343101	667418	7.22%	0.742%
55	18.516	2638	2640	2648	rVB3	75476	162860	1.76%	0.181%
56	18.586	2648	2652	2655	rBV2	92481	154153	1.67%	0.171%
57	18.616	2655	2657	2662	rVB2	111047	132227	1.43%	0.147%
58	18.669	2662	2666	2670	rBV	171758	208197	2.25%	0.231%
59	18.710	2670	2673	2677	rVB2	190074	240808	2.60%	0.268%
60	18.792	2681	2687	2692	rBV2	726978	1213451	13.12%	1.349%
61	18.857	2692	2698	2701	rVV4	394397	771045	8.34%	0.857%
62	18.886	2701	2703	2707	rVB	358186	372596	4.03%	0.414%
63	18.939	2707	2712	2719	rBV4	307232	762992	8.25%	0.848%
64	19.057	2725	2732	2740	rBV	4457613	6237772	67.44%	6.932%
65	19.127	2740	2744	2747	rVV	189669	245568	2.65%	0.273%
66	19.163	2747	2750	2753	rVV2	146186	187662	2.03%	0.209%
67	19.210	2753	2758	2763	rVV	1395226	1823321	19.71%	2.026%
68	19.269	2764	2768	2771	rVV4	83273	123041	1.33%	0.137%
69	19.304	2771	2774	2776	rVV	148949	191753	2.07%	0.213%
70	19.327	2776	2778	2784	rVB	246243	362740	3.92%	0.403%
71	19.427	2785	2795	2804	rBV	6529060	9249368	100.00%	10.279%

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72	19.510	2804	2809	2814	rVB2	174708	277606	3.00%	0.309%
73	19.604	2821	2825	2828	rBV3	97492	150235	1.62%	0.167%
74	19.669	2833	2836	2843	rVB3	92758	149451	1.62%	0.166%
75	19.757	2846	2851	2861	rBV2	475745	989220	10.70%	1.099%
76	19.845	2862	2866	2869	rBV4	96678	140823	1.52%	0.157%
77	19.898	2869	2875	2877	rBV3	458821	776544	8.40%	0.863%
78	19.927	2877	2880	2885	rVB	1000750	1431003	15.47%	1.590%
79	19.998	2889	2892	2894	rBV3	68108	78923	0.85%	0.088%
80	20.033	2894	2898	2903	rVB2	815405	1005212	10.87%	1.117%
81	20.092	2903	2908	2912	rBV	671894	862811	9.33%	0.959%
82	20.192	2920	2925	2927	rBV3	98400	171675	1.86%	0.191%
83	20.233	2928	2932	2936	rVV	484566	646476	6.99%	0.718%
84	20.280	2936	2940	2945	rVB2	592610	788650	8.53%	0.876%
85	20.821	3029	3032	3034	rBV	111780	135732	1.47%	0.151%
86	20.857	3034	3038	3041	rVV	322536	441952	4.78%	0.491%
87	20.892	3041	3044	3048	rVV	433906	506596	5.48%	0.563%
88	20.933	3048	3051	3055	rVV	245922	319339	3.45%	0.355%
89	21.098	3077	3079	3088	rVB	120279	184835	2.00%	0.205%
90	21.216	3092	3099	3103	rBV3	3133330	6341325	68.56%	7.047%
91	21.251	3103	3105	3112	rVB	1640963	2014691	21.78%	2.239%
92	21.427	3132	3135	3145	rVB3	292932	399056	4.31%	0.443%
93	21.768	3190	3193	3197	rVB	322929	376538	4.07%	0.418%
94	21.963	3223	3226	3229	rBV	192927	289964	3.13%	0.322%
95	21.992	3229	3231	3238	rVB2	287913	399811	4.32%	0.444%
96	22.774	3359	3364	3369	rBV	772515	1739942	18.81%	1.934%
97	22.939	3388	3392	3398	rVB	272176	432690	4.68%	0.481%
98	23.233	3438	3442	3448	rVB	520489	886175	9.58%	0.985%
99	23.327	3453	3458	3465	rVB	1012050	1756246	18.99%	1.952%
100	23.427	3469	3475	3480	rBV2	1375990	2392680	25.87%	2.659%

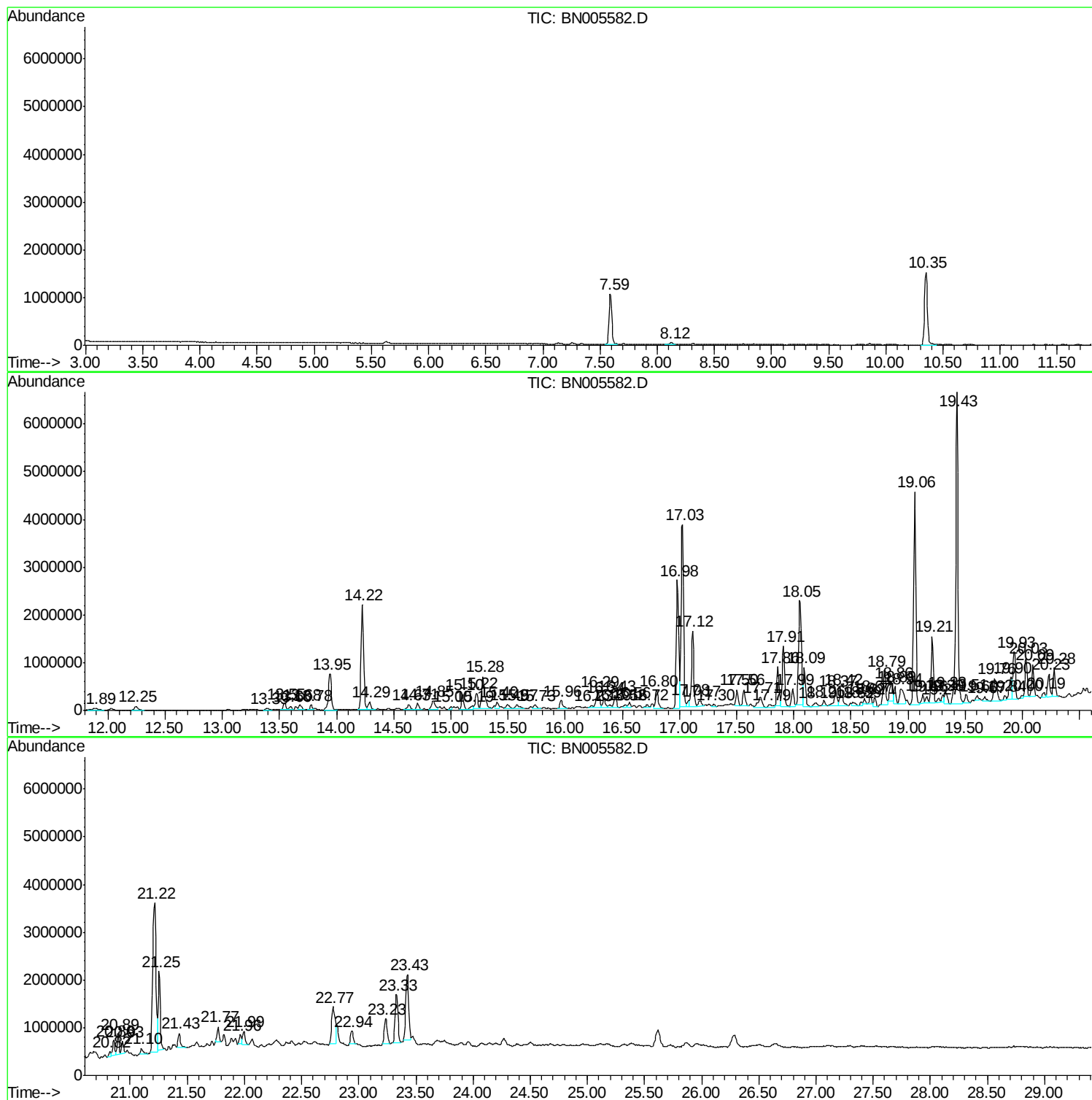
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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



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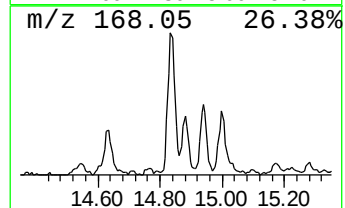
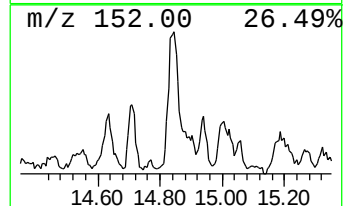
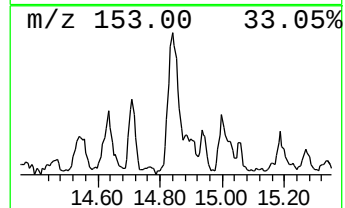
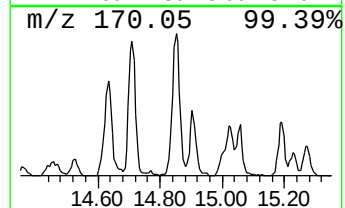
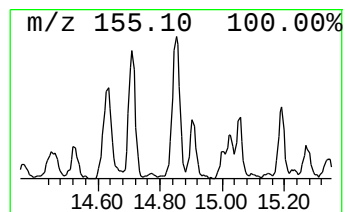
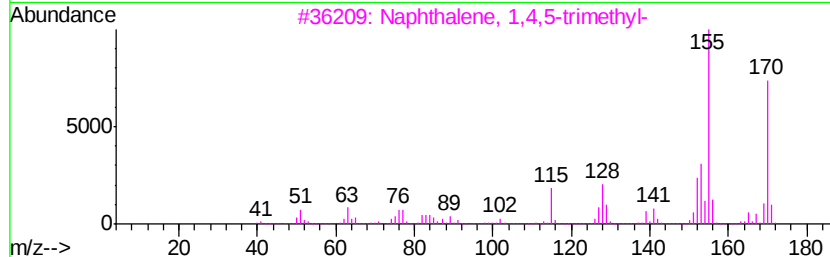
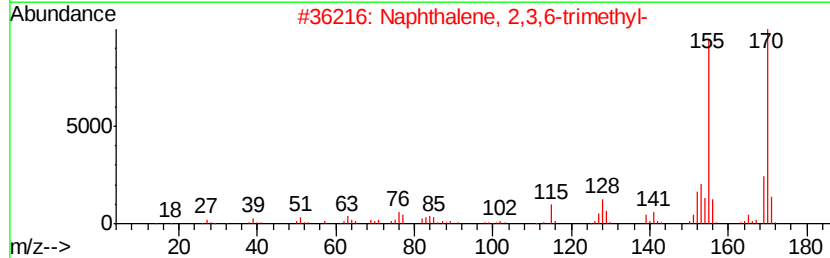
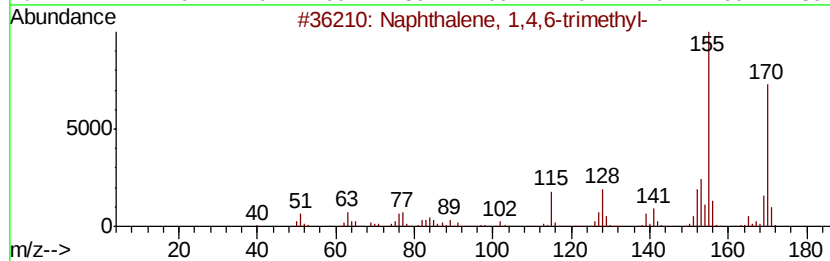
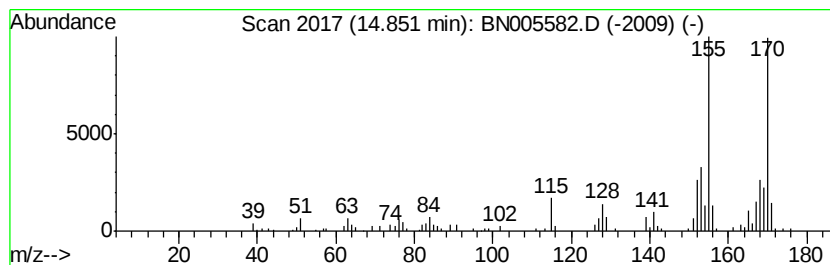
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1,4,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	2.59 ng/ul	458884	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,4,6-trimethyl-	170 C13H14	002131-42-2 95
2		Naphthalene, 2,3,6-trimethyl-	170 C13H14	000829-26-5 95
3		Naphthalene, 1,4,5-trimethyl-	170 C13H14	002131-41-1 92
4		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 83
5		Naphthalene, 1,6,7-trimethyl-	170 C13H14	002245-38-7 78



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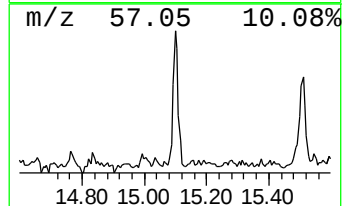
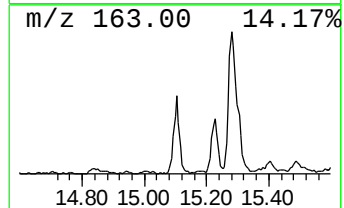
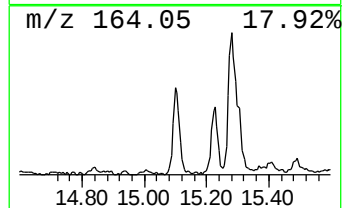
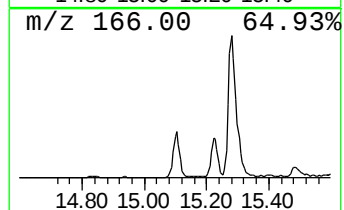
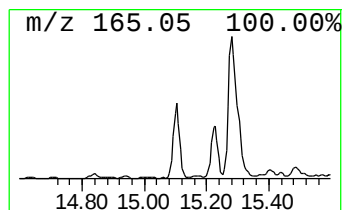
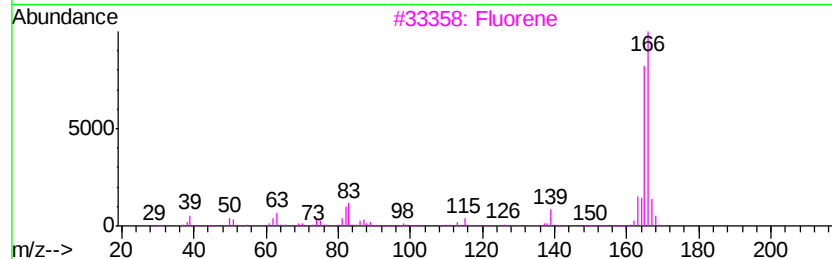
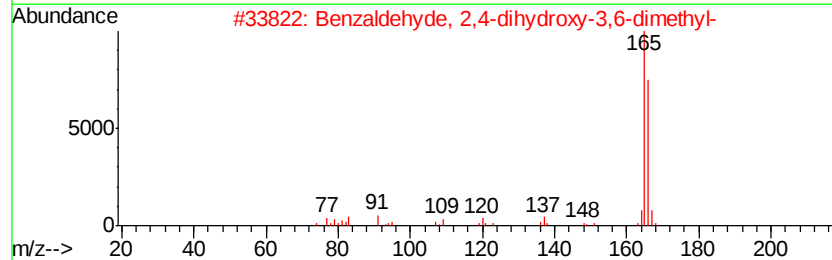
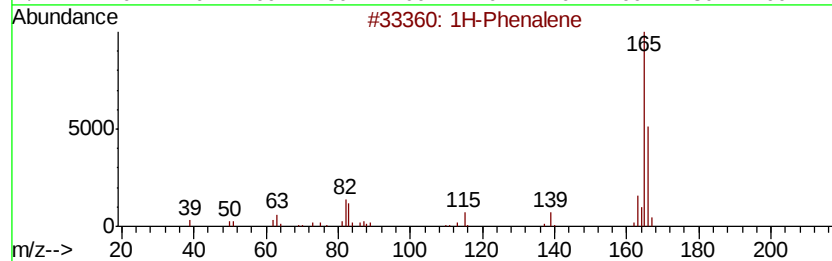
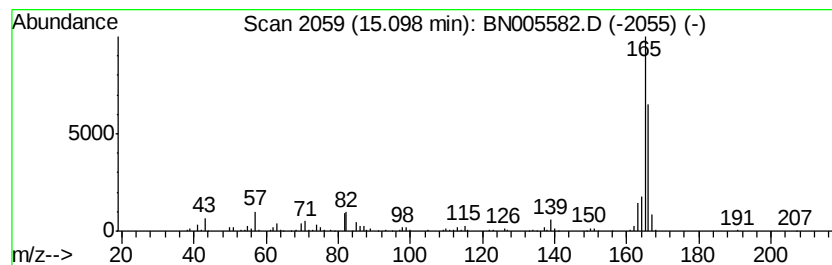
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 1H-Phenalene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	2.44 ng/ul	432975	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	83
2		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	64
3		Fluorene	166	C13H10	000086-73-7	58
4		3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	56
5		Fluorene	166	C13H10	000086-73-7	52



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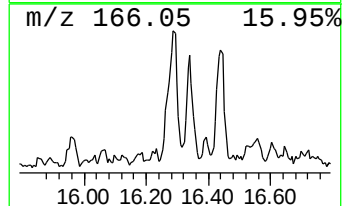
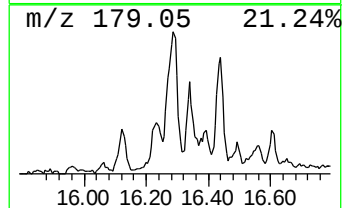
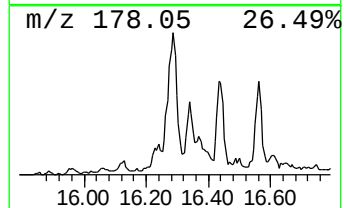
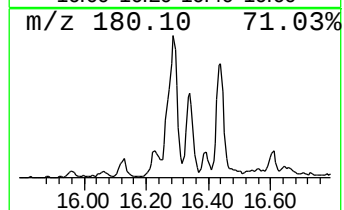
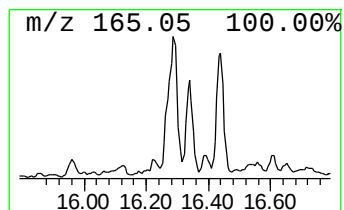
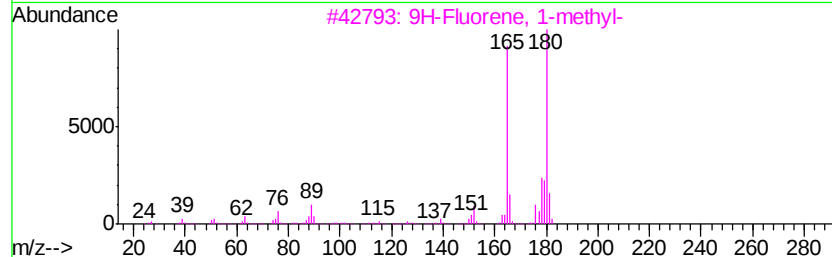
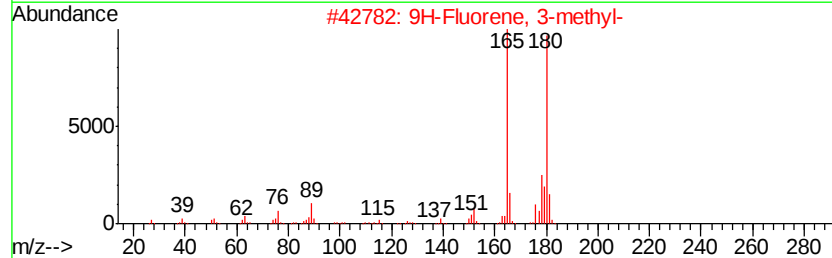
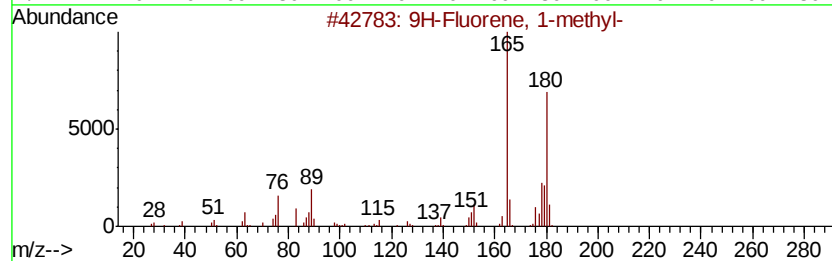
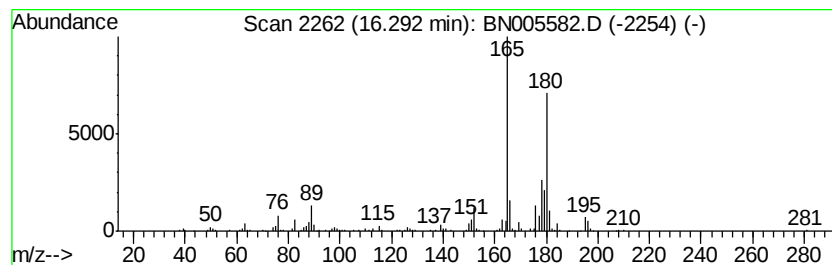
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
16.29	3.53 ng/ul	726791	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene,	1-methyl-	180	C14H12		001730-37-6	95
2	9H-Fluorene,	3-methyl-	180	C14H12		002523-39-9	93
3	9H-Fluorene,	1-methyl-	180	C14H12		001730-37-6	91
4	9H-Fluorene,	1-methyl-	180	C14H12		001730-37-6	91
5	9H-Fluorene,	2-methyl-	180	C14H12		001430-97-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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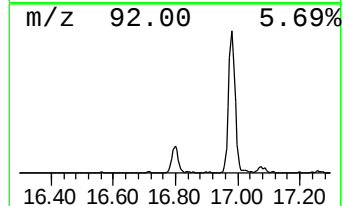
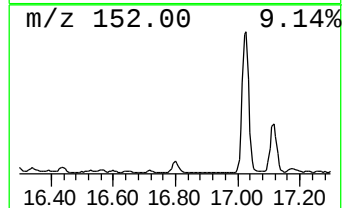
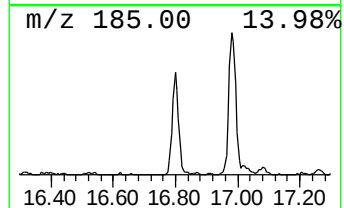
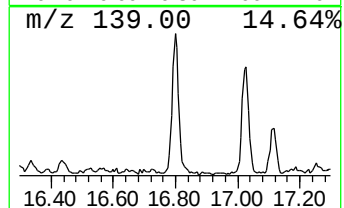
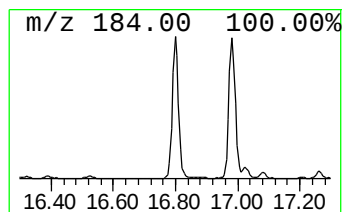
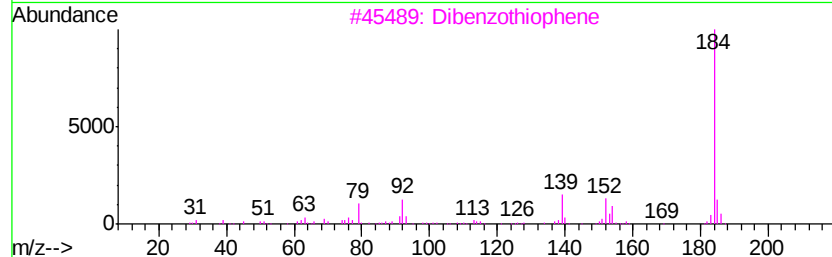
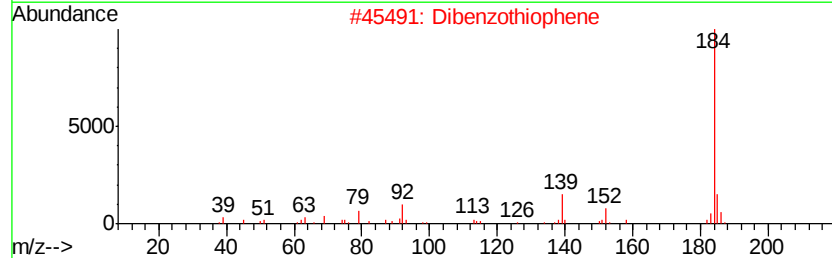
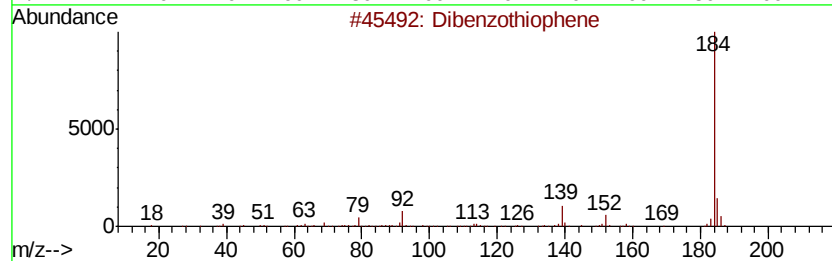
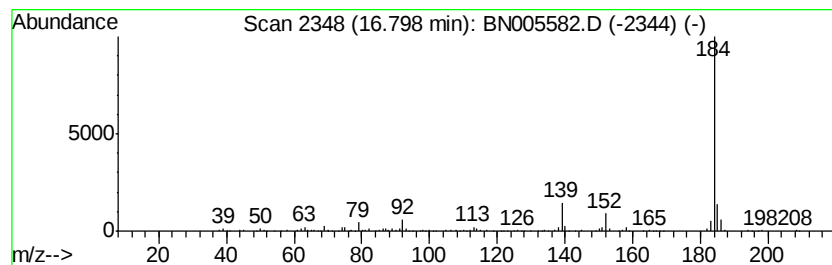
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.01 ng/ul	619217	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene		184	C12H8S	000132-65-0	97
2	Dibenzothiophene		184	C12H8S	000132-65-0	95
3	Dibenzothiophene		184	C12H8S	000132-65-0	94
4	Azuleno(2,1-b)thiophene		184	C12H8S	000248-13-5	91
5	Dibenzothiophene		184	C12H8S	000132-65-0	91



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Acq On : 10 May 2019 00:36
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Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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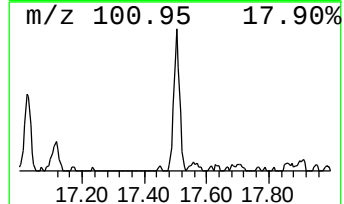
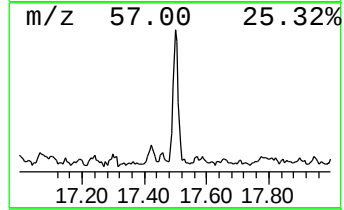
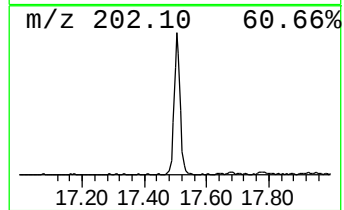
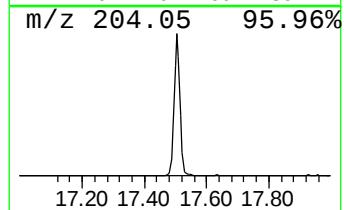
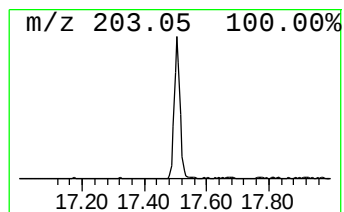
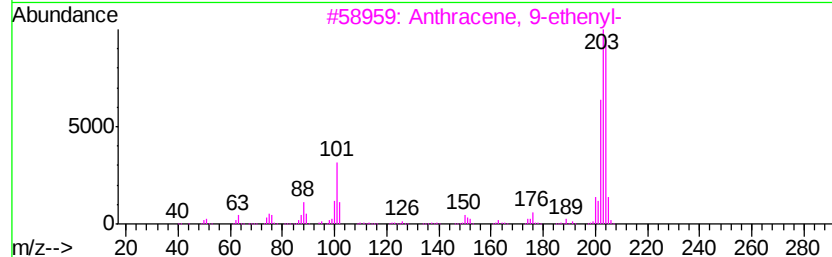
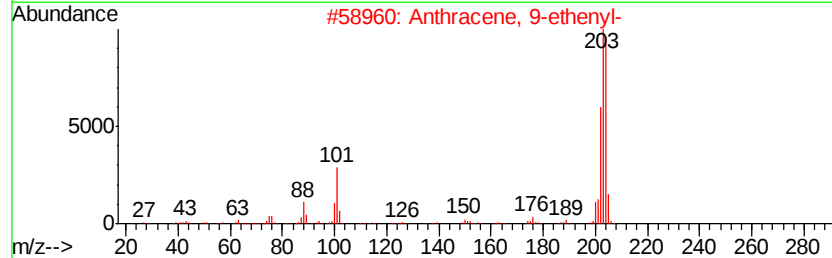
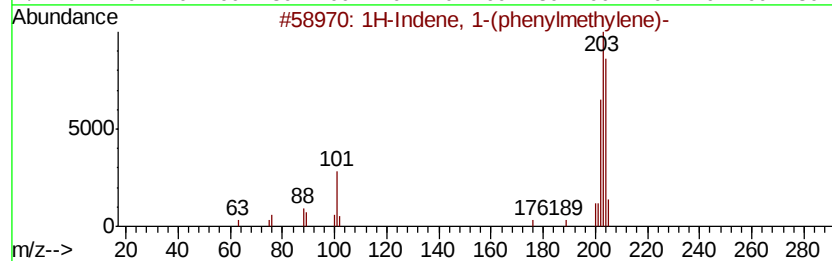
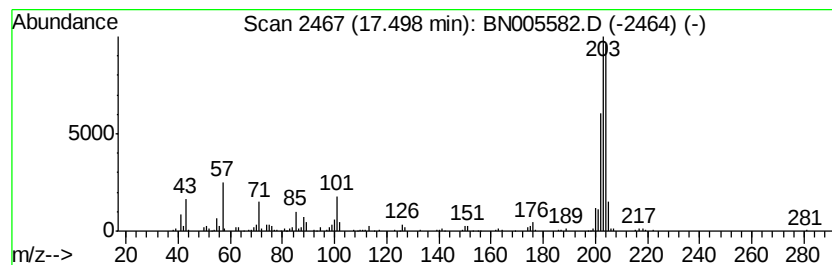
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 1H-Indene, 1-(phenylmethyle... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.50	2.03 ng/ul	417575	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-(phenylmethyle)-	204	C16H12	005394-86-5	94
2		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
3		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	90
4		Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	81
5		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
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Instrument :
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ClientSampleId :
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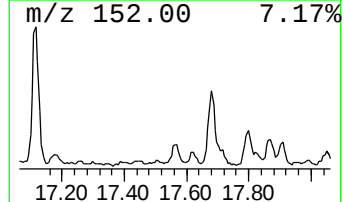
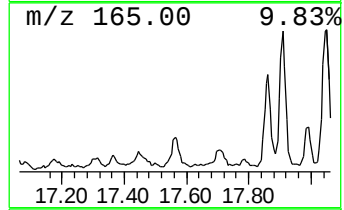
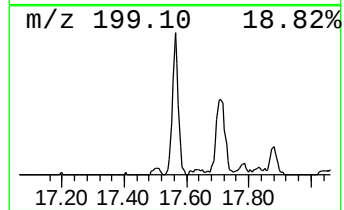
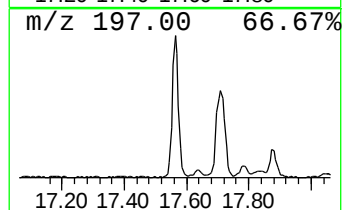
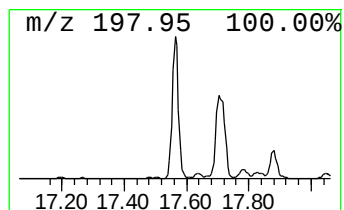
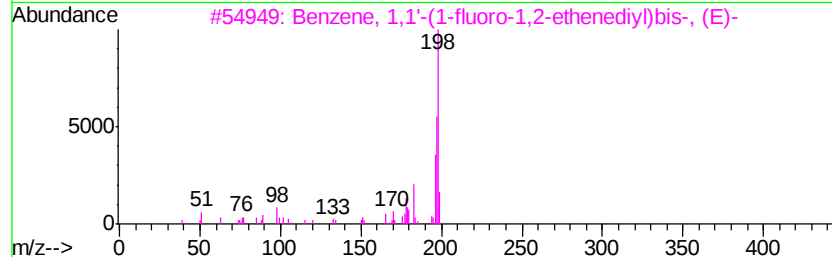
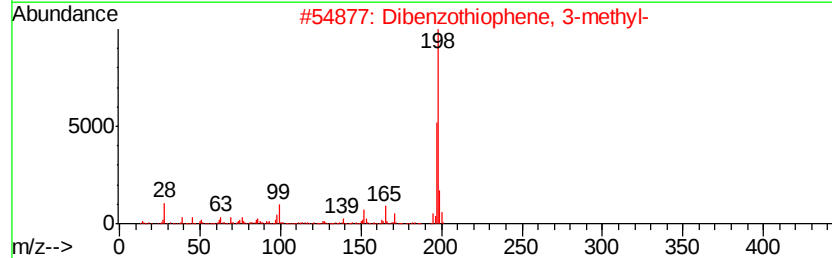
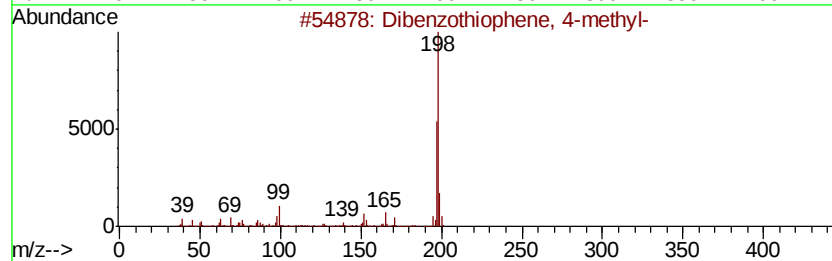
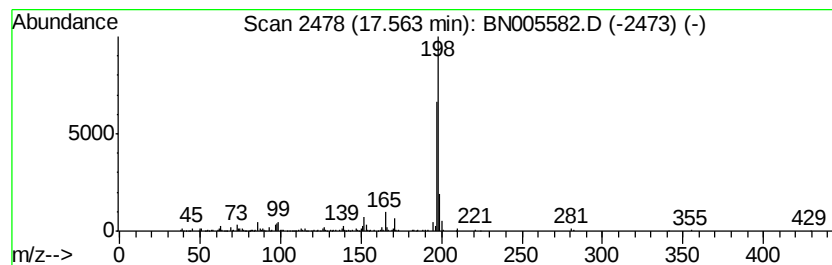
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Dibenzothiophene, 4-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	2.41 ng/ul	495643	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	78
4		Pvridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	72
5		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
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Misc :
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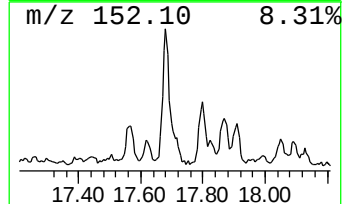
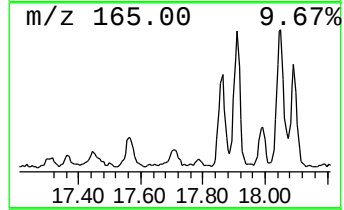
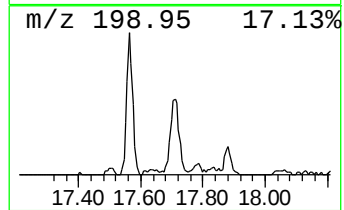
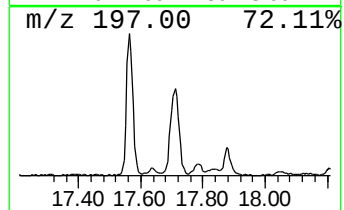
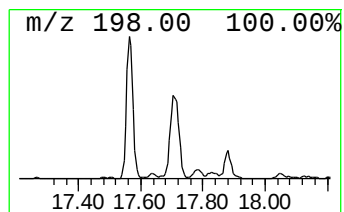
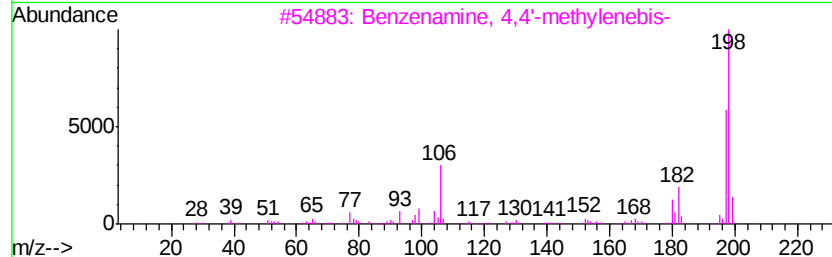
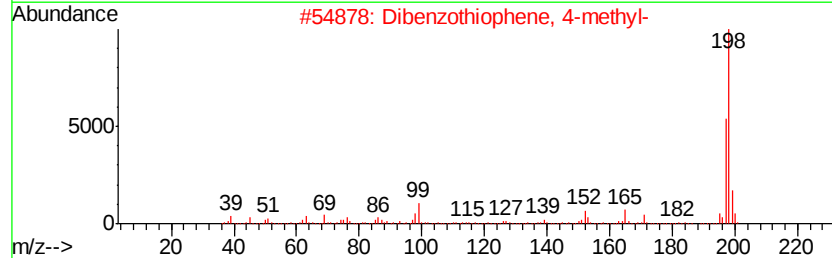
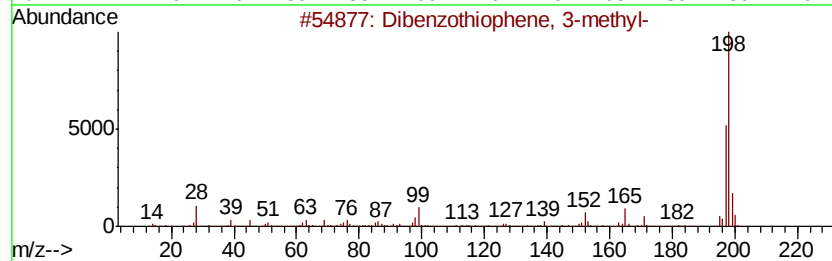
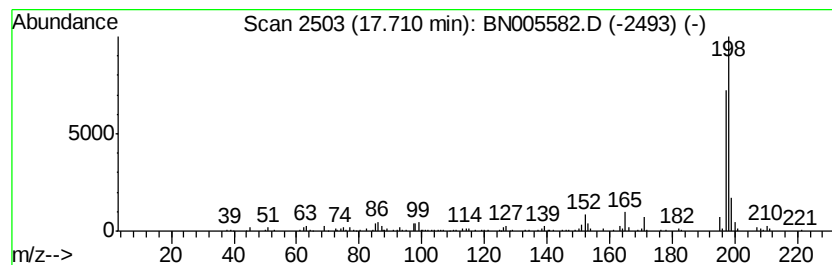
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Dibenzothiophene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.71	2.73 ng/ul	560538	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4		9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	72
5		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
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Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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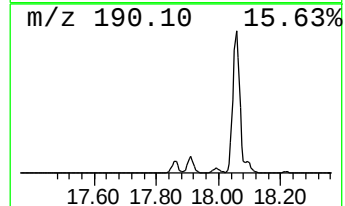
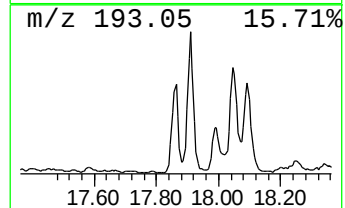
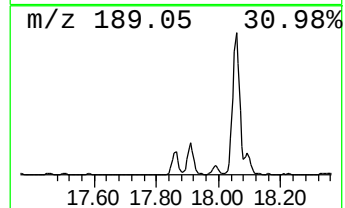
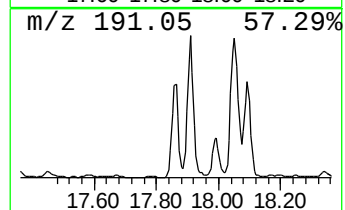
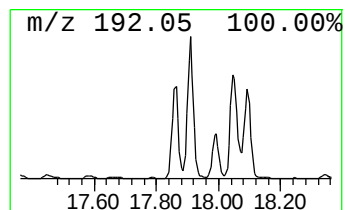
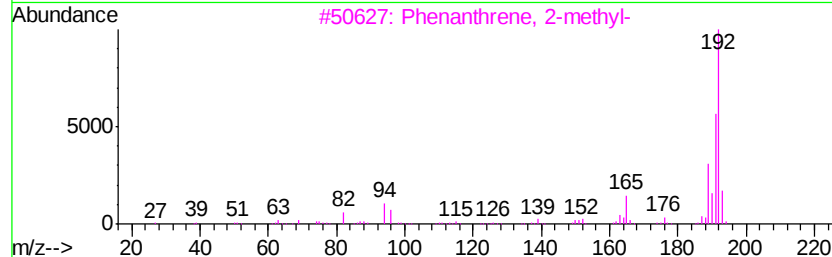
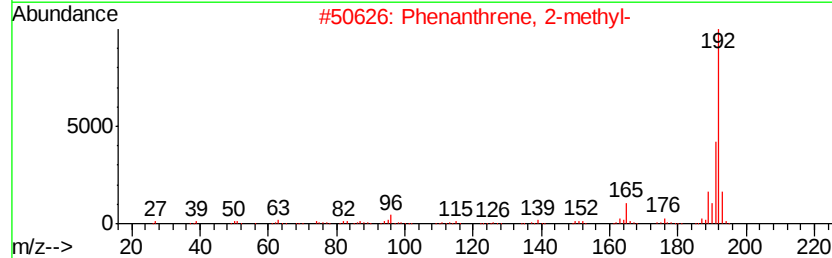
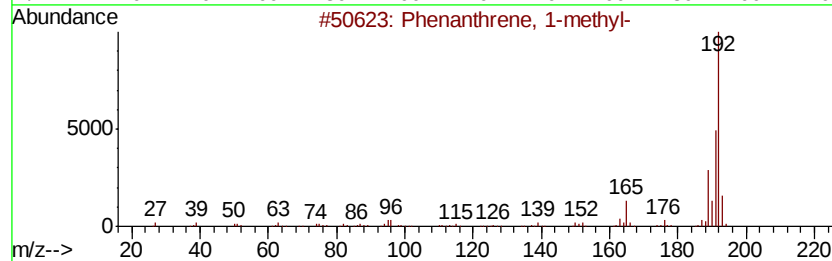
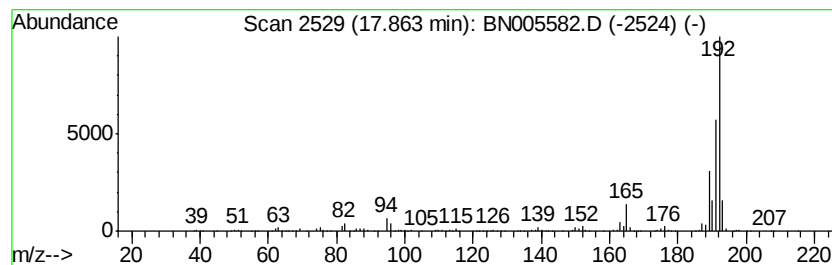
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	6.09 ng/ul	1252570	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005582.D
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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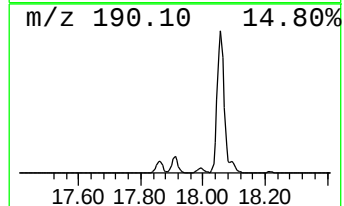
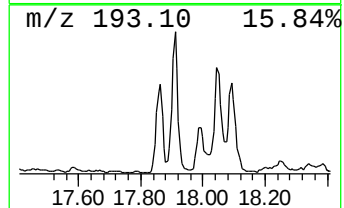
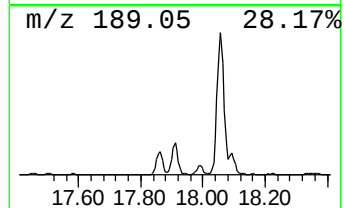
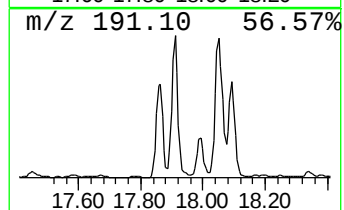
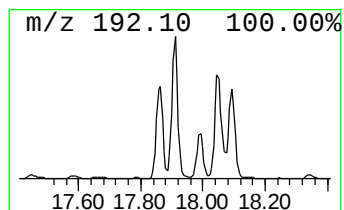
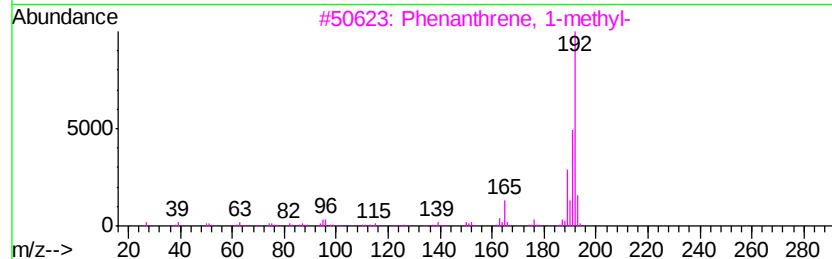
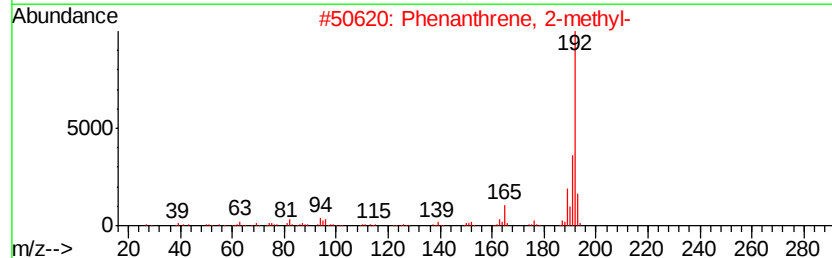
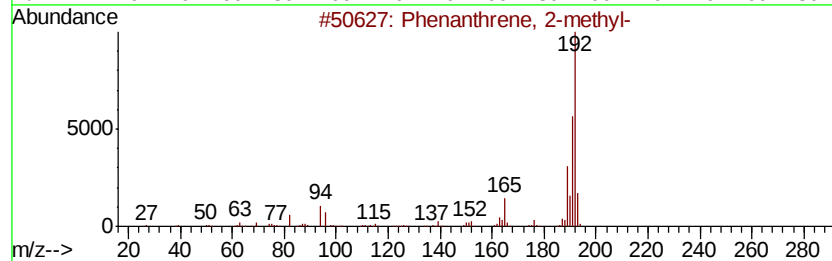
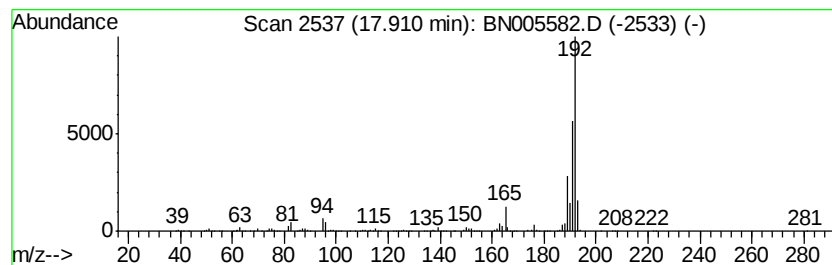
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	8.18 ng/ul	1681810	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	95
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	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAJ84DL

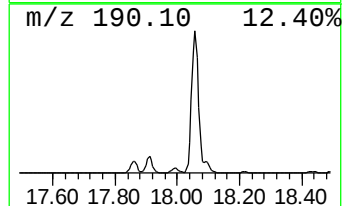
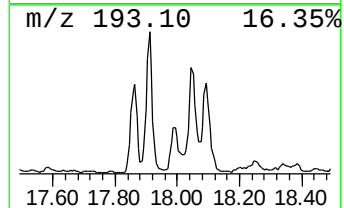
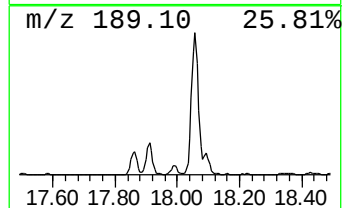
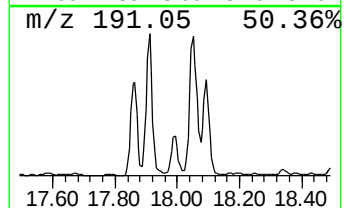
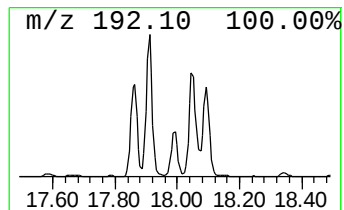
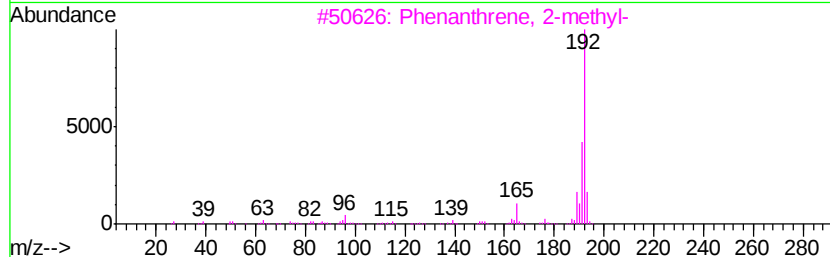
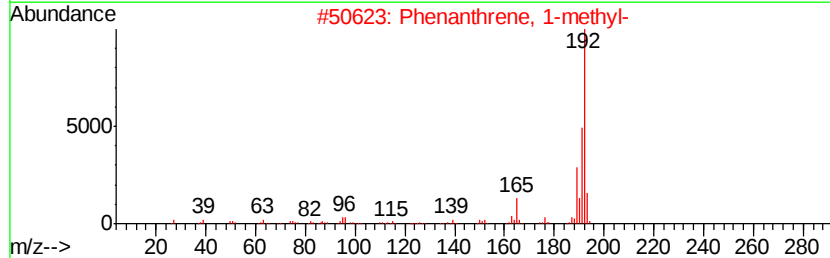
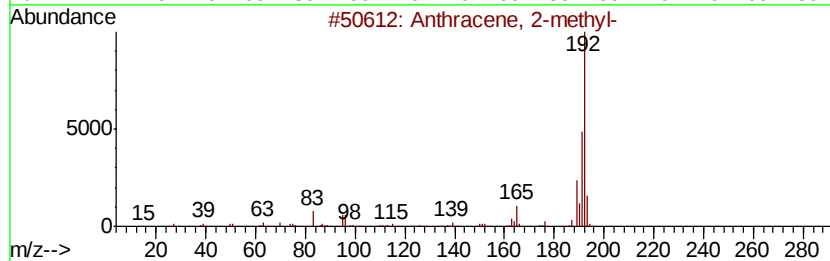
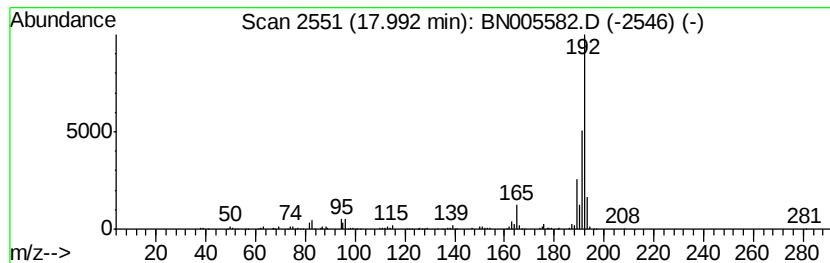
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.60 ng/ul	534707	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

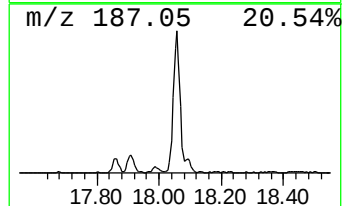
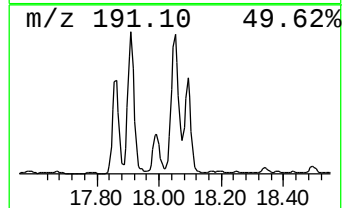
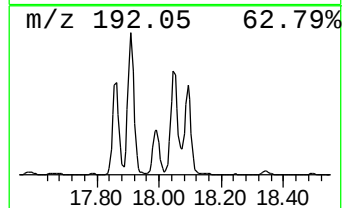
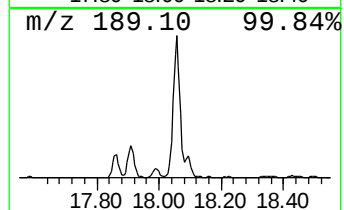
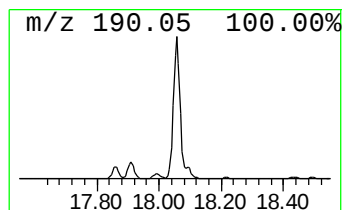
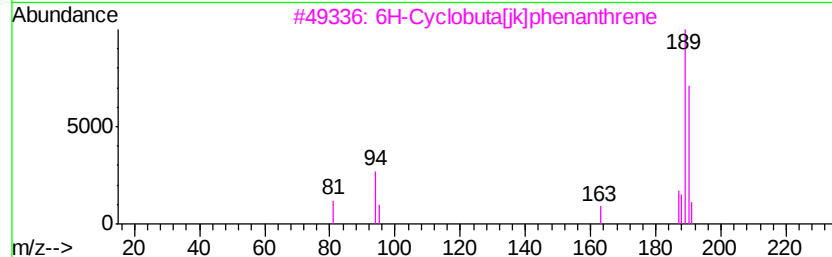
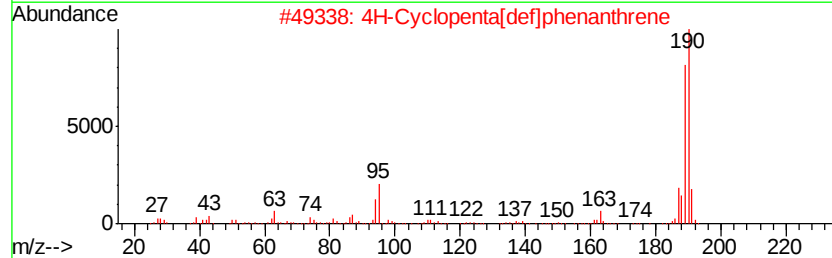
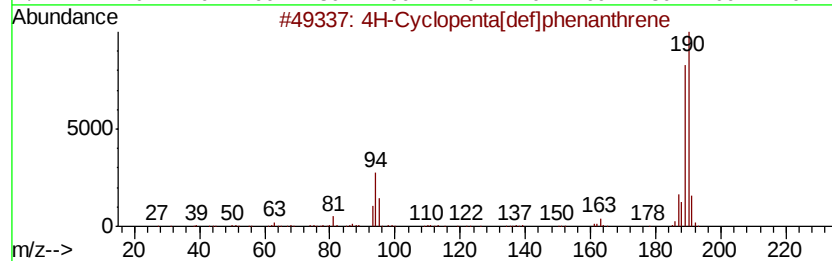
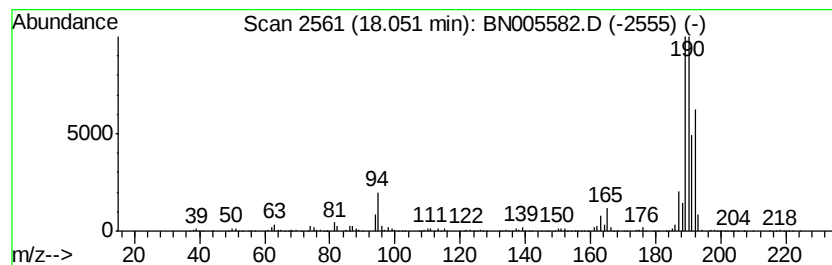
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	18.49 ng/ul	3802420	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	60
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	40
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	38
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
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Instrument :
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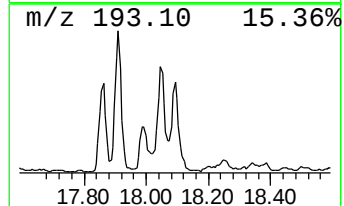
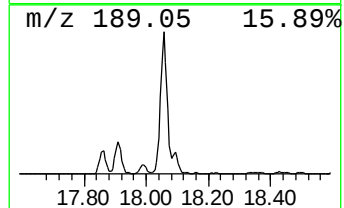
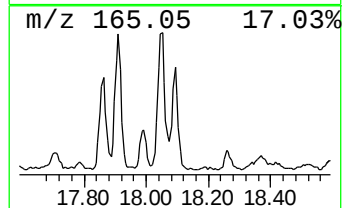
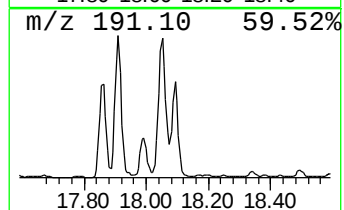
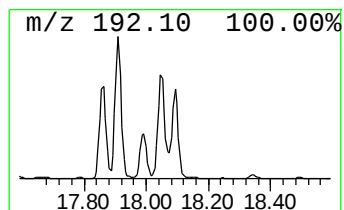
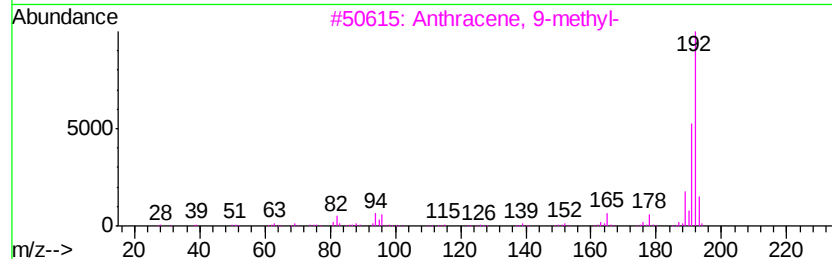
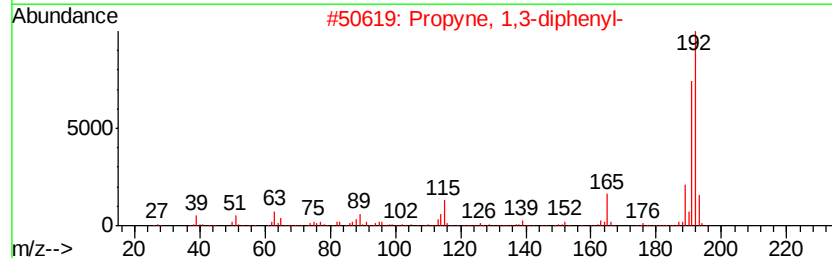
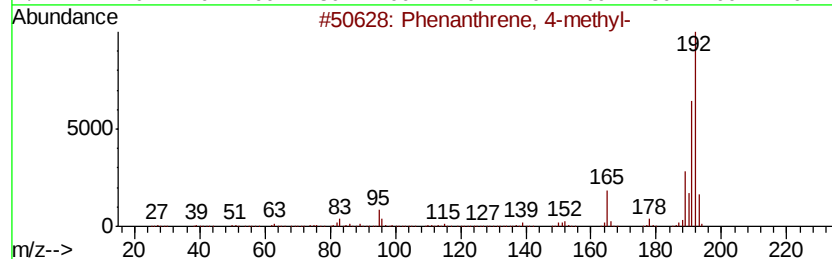
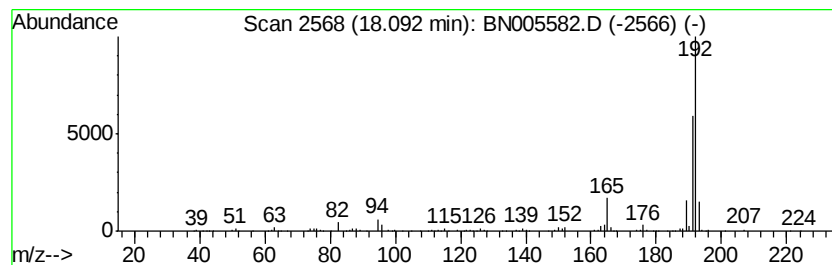
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	4.84 ng/ul	994388	Phenanthrene-d10	16.98

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	90
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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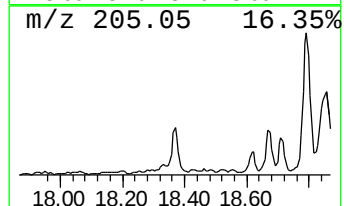
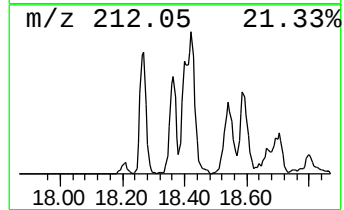
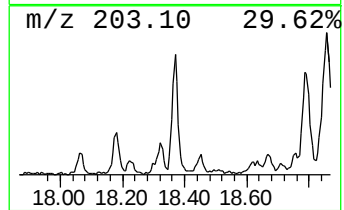
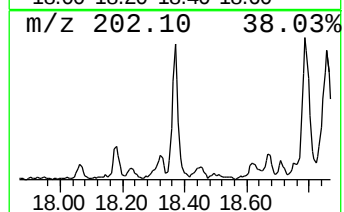
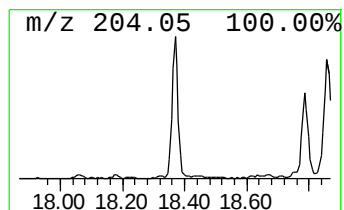
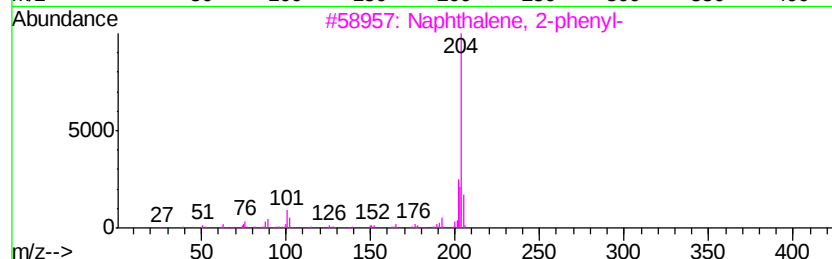
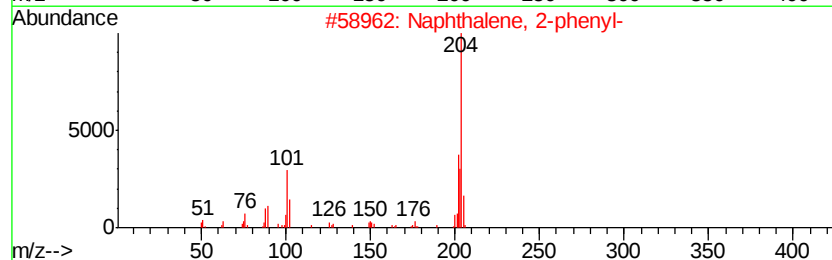
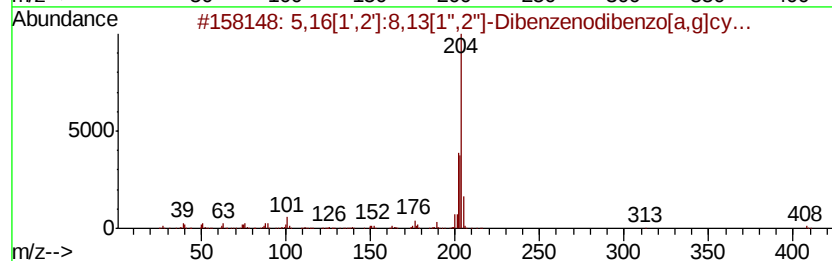
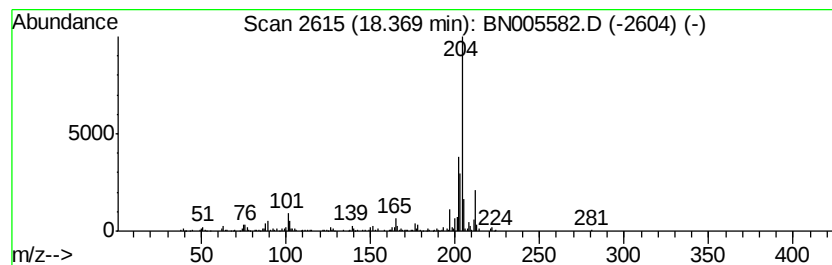
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	2.74 ng/ul	563092	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	68
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
3		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	60
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

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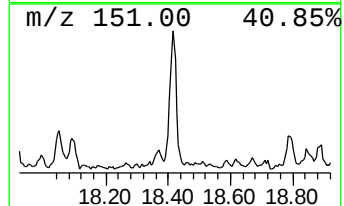
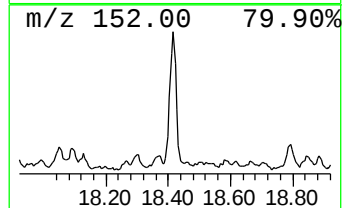
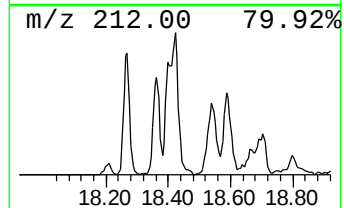
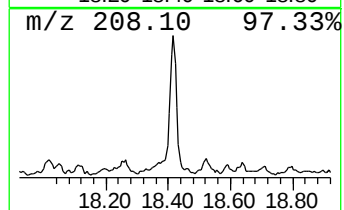
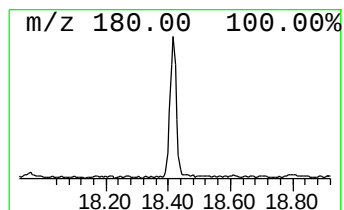
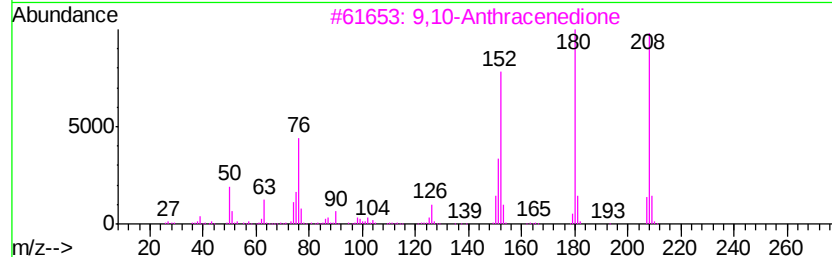
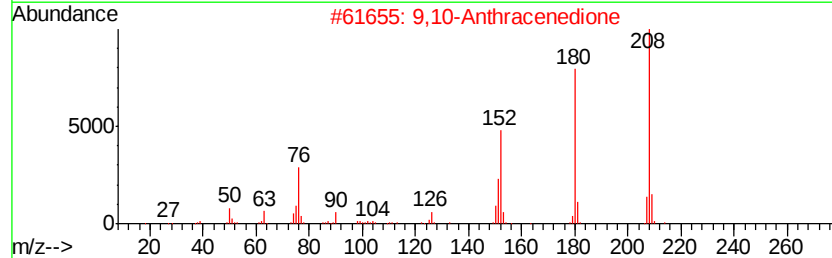
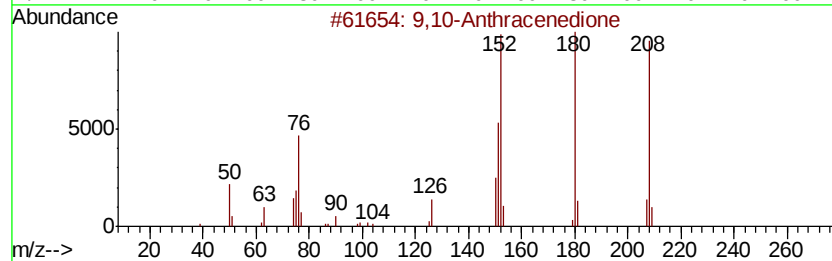
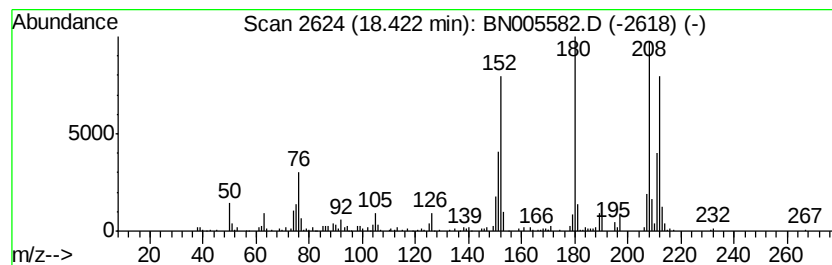
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.25 ng/ul	667418	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	90
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	83
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	60



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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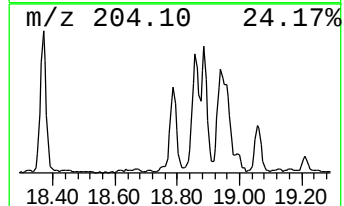
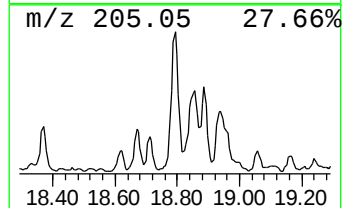
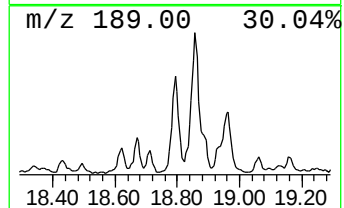
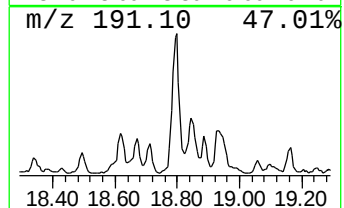
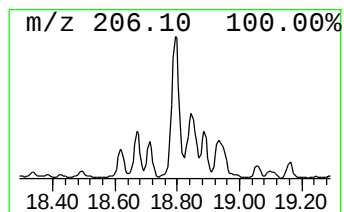
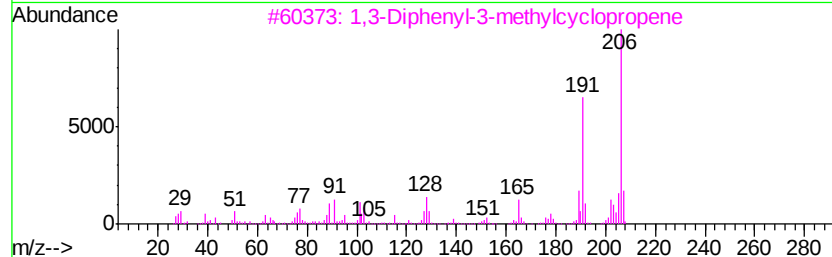
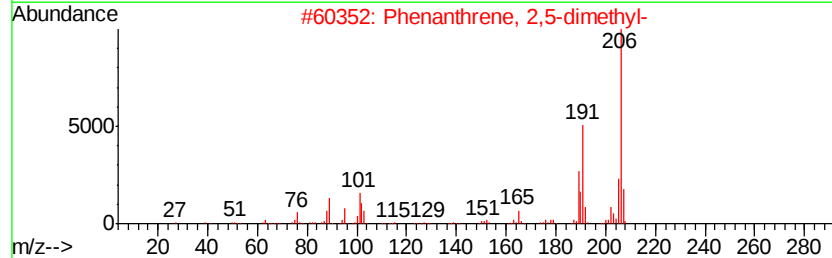
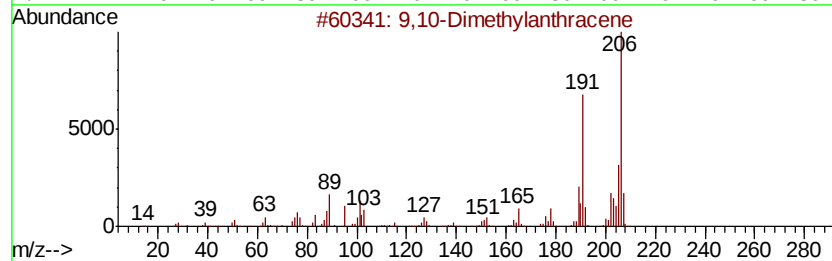
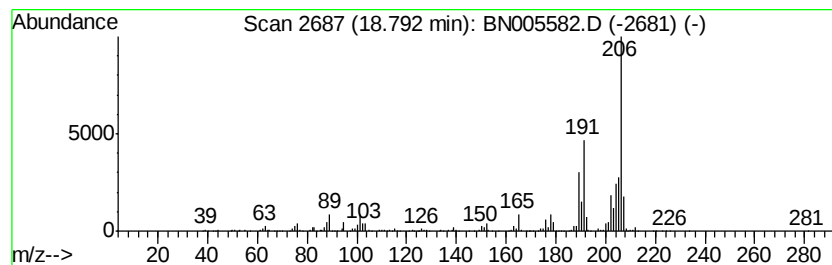
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 9,10-Dimethylantracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.79	5.90 ng/ul	1213450	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	93
3		1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
4		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Acq On : 10 May 2019 00:36
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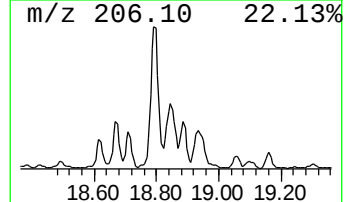
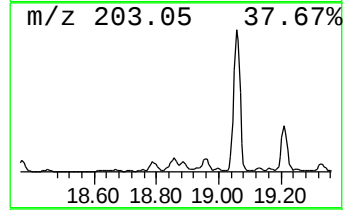
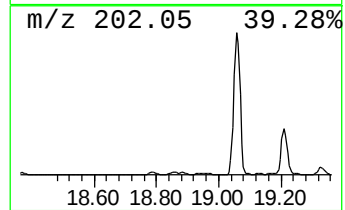
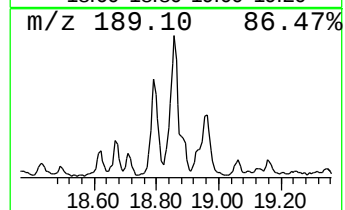
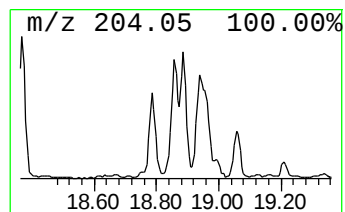
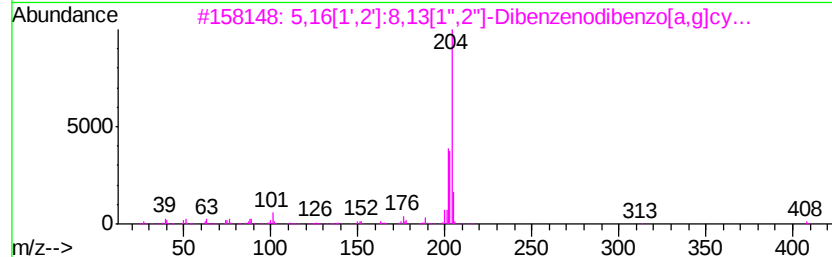
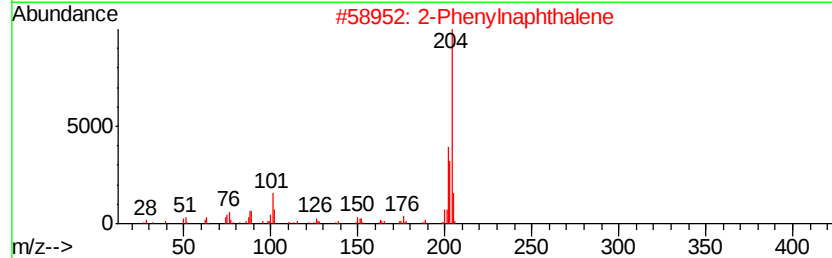
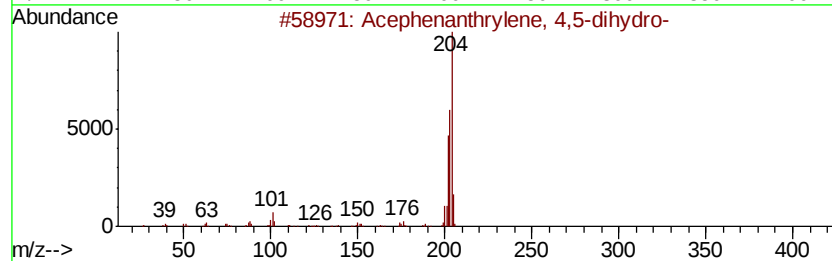
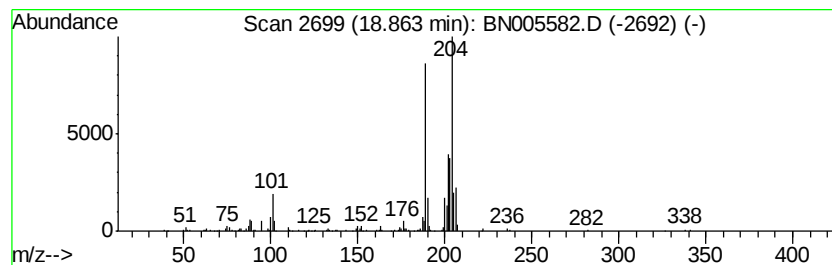
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	3.75 ng/ul	771045	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	46
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	46
3		5,16[1',2']8,13[1',2']-Dibenz...	408	C32H24	005672-97-9	43
4		Toluene, 3-(2-cyano-2-phenylethe...	219	C16H13N	067366-25-0	35
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
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Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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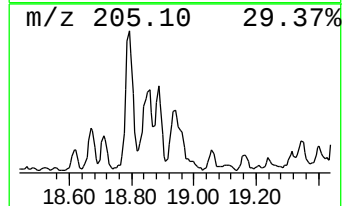
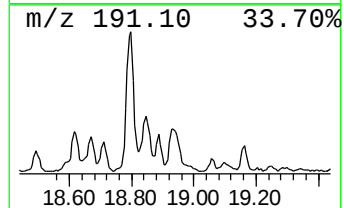
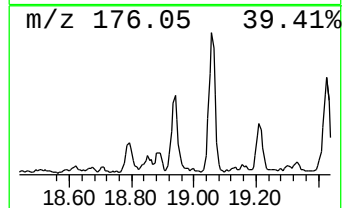
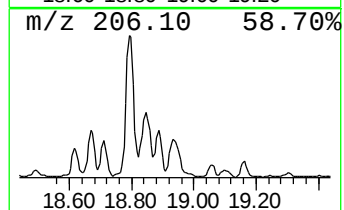
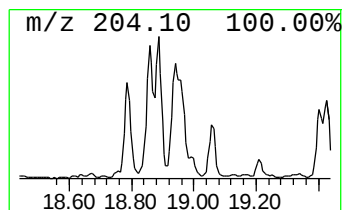
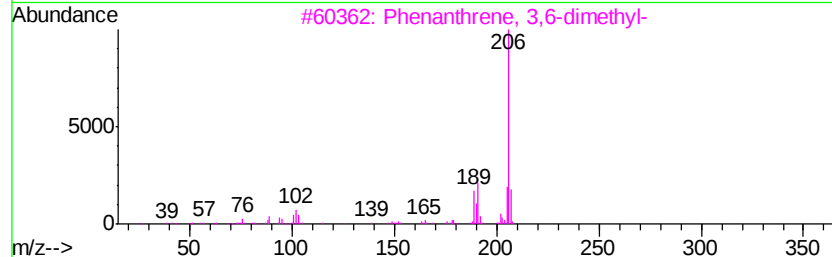
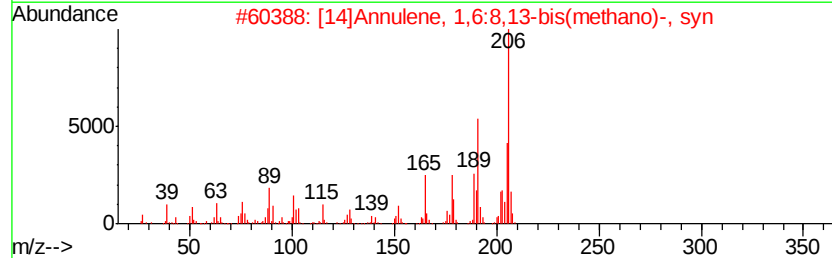
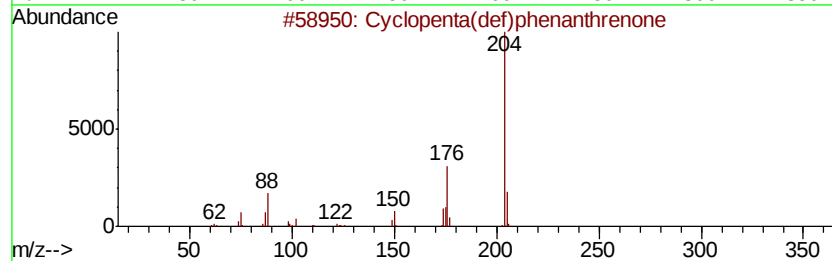
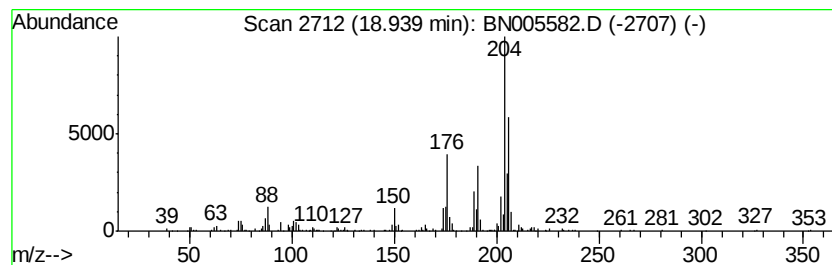
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	3.71 ng/ul	762992	Phenanthrene-d10	16.98

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	41
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	38
5		1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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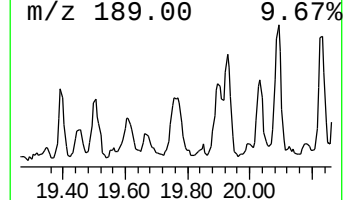
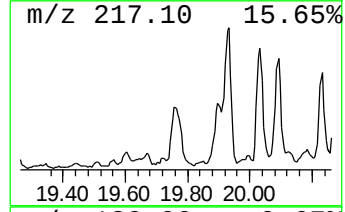
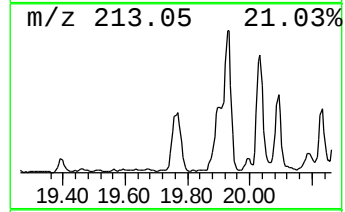
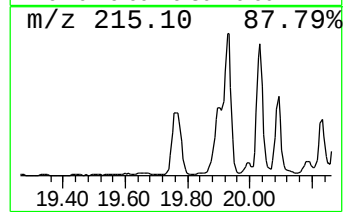
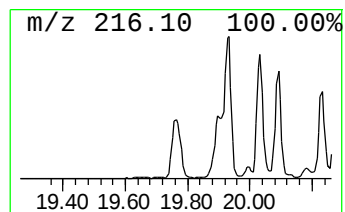
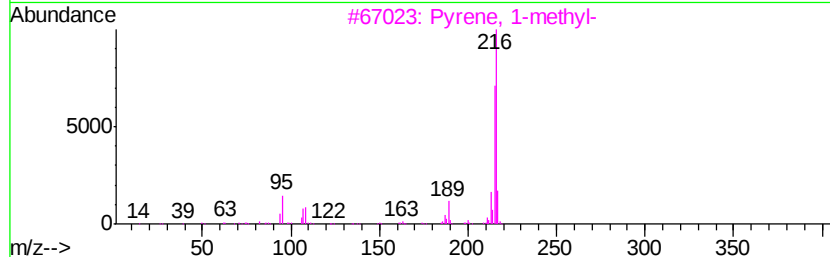
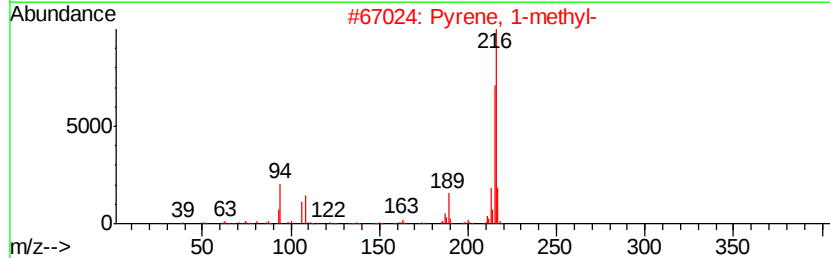
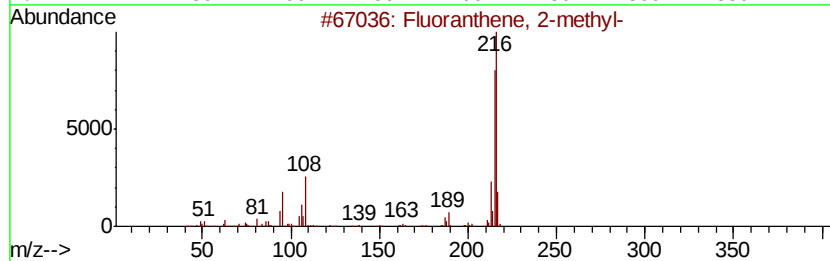
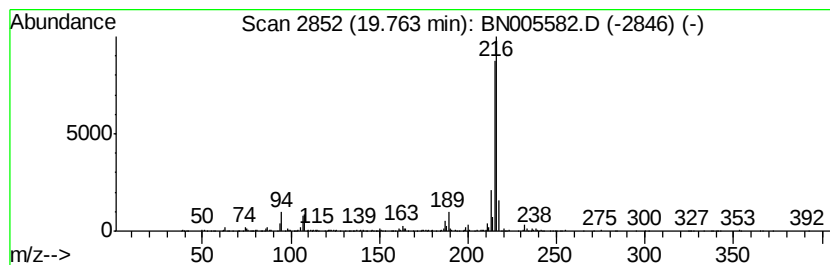
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	3.12 ng/ul	989220	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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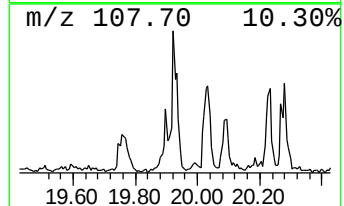
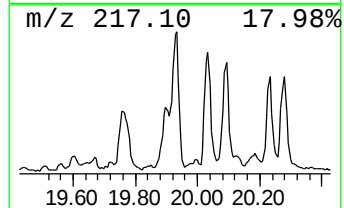
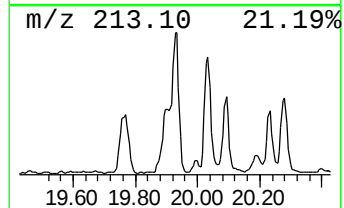
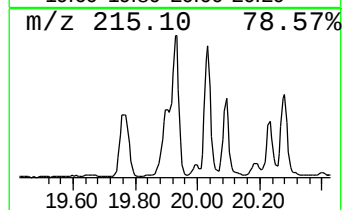
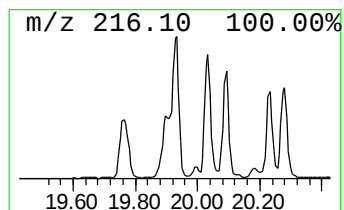
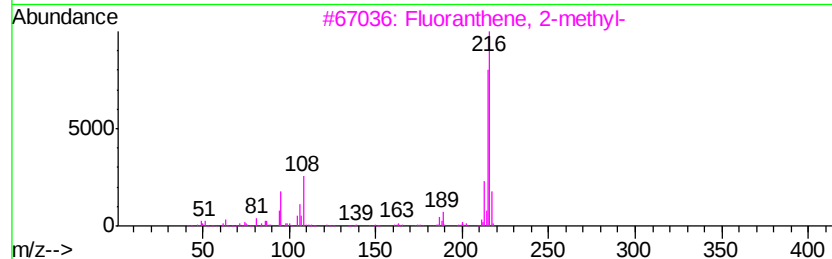
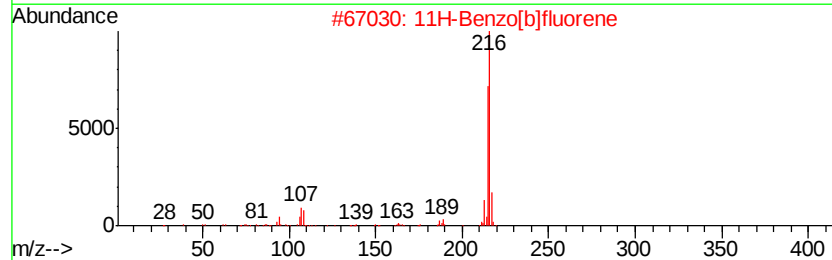
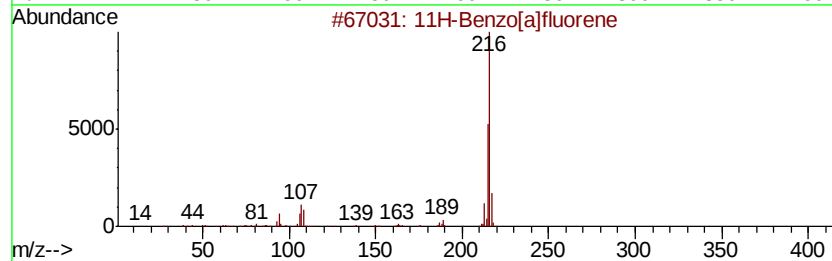
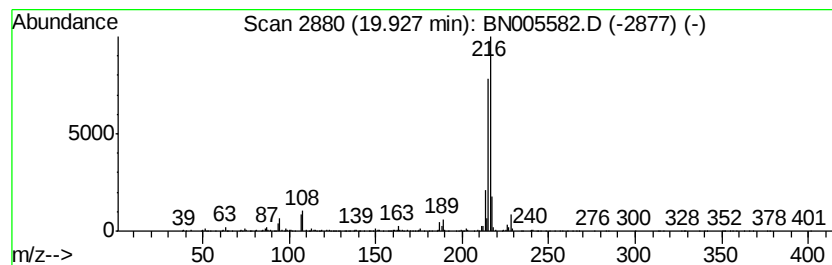
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.93	4.51 ng/ul	1431000	Chrysene-d12	21.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

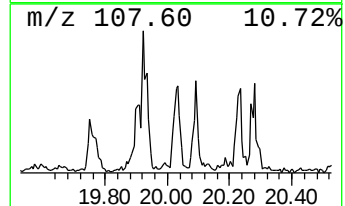
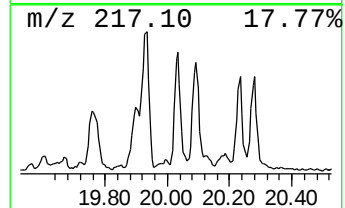
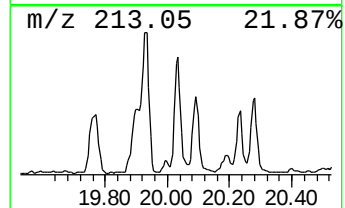
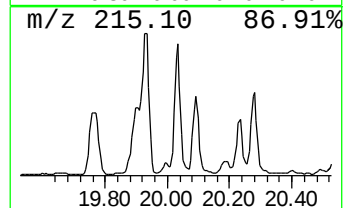
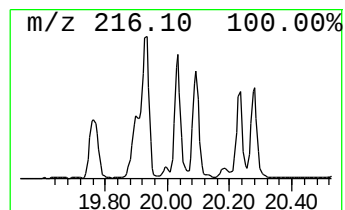
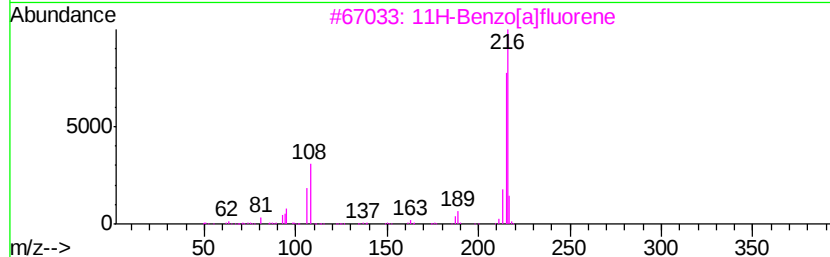
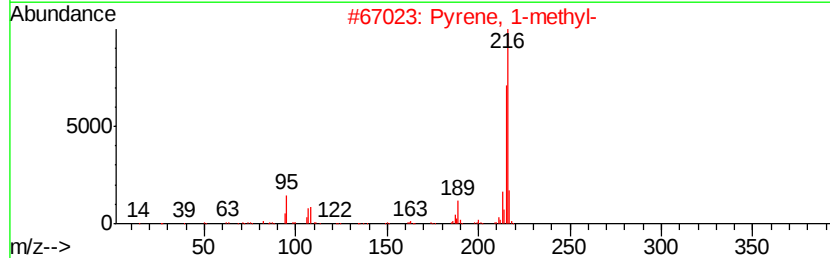
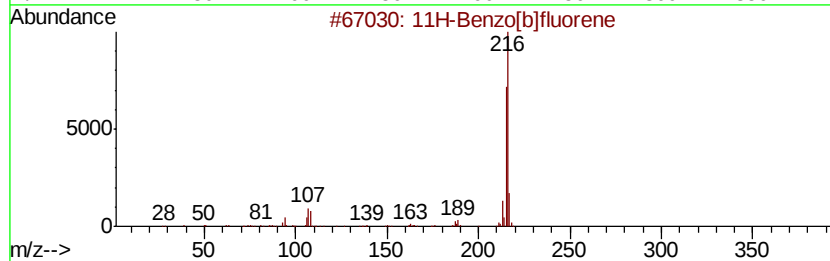
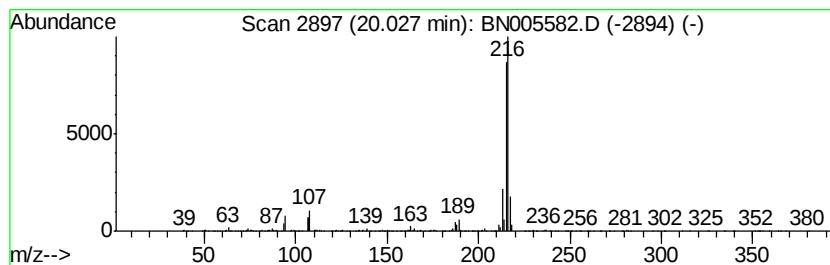
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.03	3.17 ng/ul	1005210	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 94
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 94
3		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 93
4		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
5		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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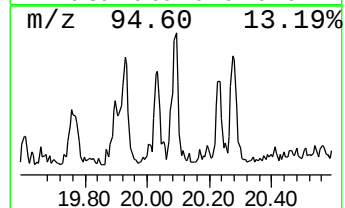
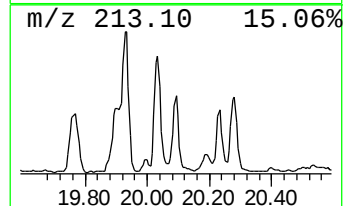
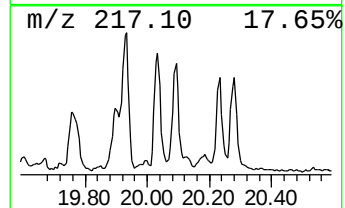
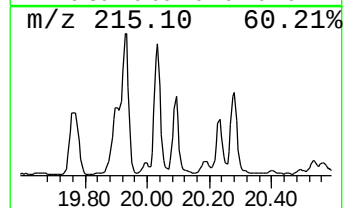
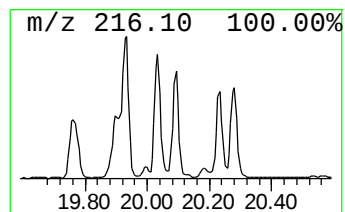
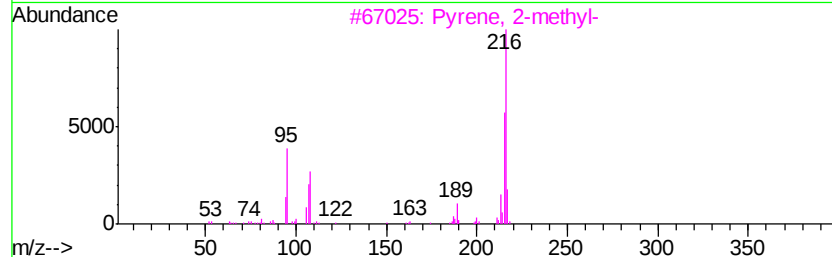
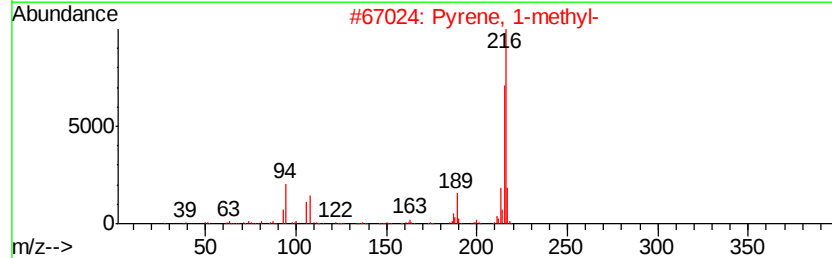
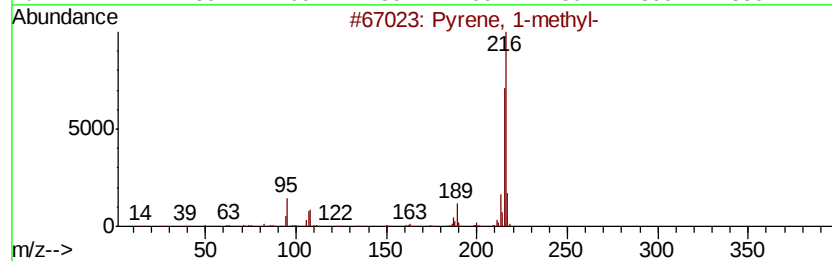
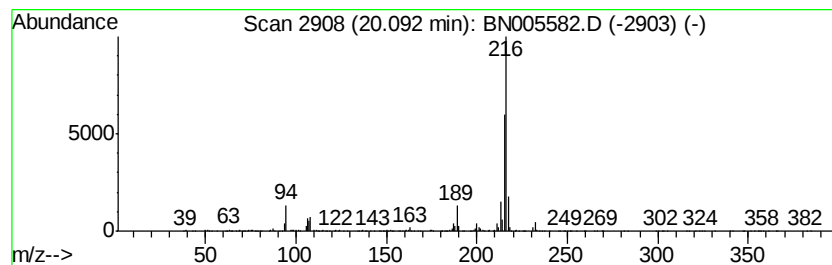
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.09	2.72 ng/ul	862811	Chrysene-d12	21.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050919\
Data File : BN005582.D
Acq On : 10 May 2019 00:36
Operator : JU/SJ
Sample : K2604-10DL 30X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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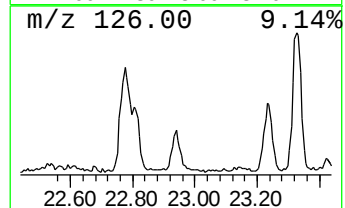
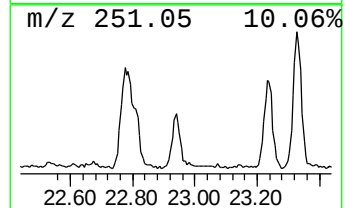
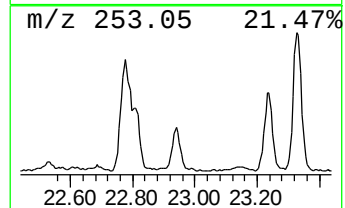
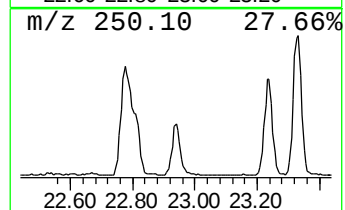
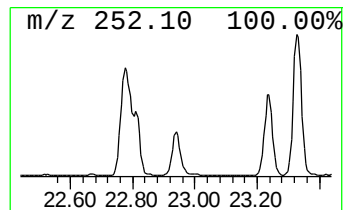
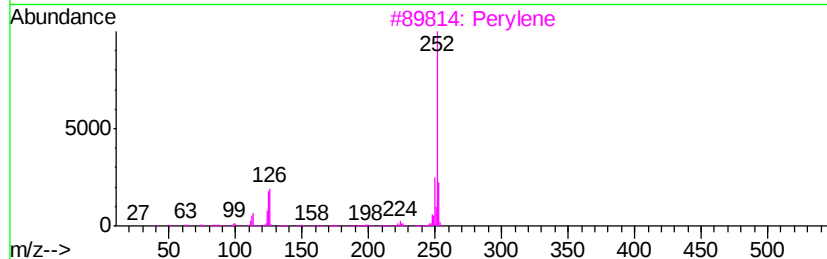
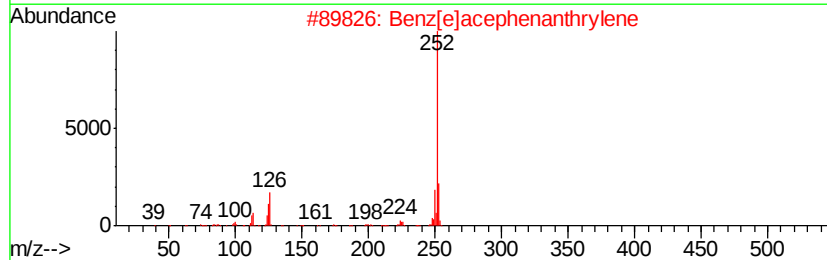
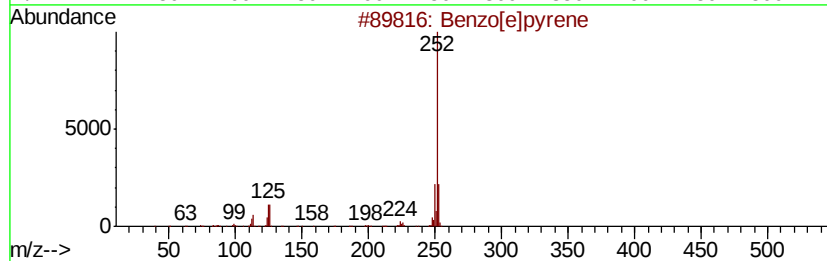
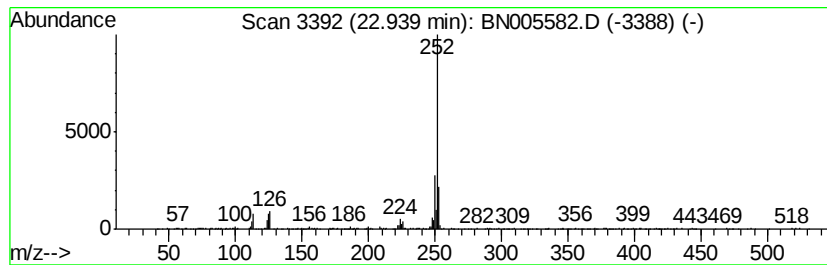
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	3.62 ng/ul	432690	Perylene-d12	23.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
3		Perylene	252	C20H12	000198-55-0	93
4		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050919\
 Data File : BN005582.D
 Acq On : 10 May 2019 00:36
 Operator : JU/SJ
 Sample : K2604-10DL 30X
 Misc :
 ALS Vial : 25 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1,4,...	14.85	2.6	ng/ul	458884	3	14.22	3544470	20.0
1H-Phenylene	15.10	2.4	ng/ul	432975	3	14.22	3544470	20.0
9H-Fluorene, 1-me...	16.29	3.5	ng/ul	726791	4	16.98	4112890	20.0
Dibenzothiophene	16.80	3.0	ng/ul	619217	4	16.98	4112890	20.0
1H-Indene, 1-(phe...	17.50	2.0	ng/ul	417575	4	16.98	4112890	20.0
Dibenzothiophene,...	17.56	2.4	ng/ul	495643	4	16.98	4112890	20.0
Dibenzothiophene,...	17.71	2.7	ng/ul	560538	4	16.98	4112890	20.0
Phenanthrene, 1-m...	17.86	6.1	ng/ul	1252570	4	16.98	4112890	20.0
Phenanthrene, 2-m...	17.91	8.2	ng/ul	1681810	4	16.98	4112890	20.0
Anthracene, 2-met...	17.99	2.6	ng/ul	534707	4	16.98	4112890	20.0
4H-Cyclopenta[def...	18.05	18.5	ng/ul	3802420	4	16.98	4112890	20.0
Phenanthrene, 4-m...	18.09	4.8	ng/ul	994388	4	16.98	4112890	20.0
5,16[1',2']:8,13[...	18.37	2.7	ng/ul	563092	4	16.98	4112890	20.0
9,10-Anthracenedione	18.42	3.3	ng/ul	667418	4	16.98	4112890	20.0
9,10-Dimethylanthe...	18.79	5.9	ng/ul	1213450	4	16.98	4112890	20.0
unknown-01	18.86	3.8	ng/ul	771045	4	16.98	4112890	20.0
Cyclopenta(def)ph...	18.94	3.7	ng/ul	762992	4	16.98	4112890	20.0
Fluoranthene, 2-m...	19.76	3.1	ng/ul	989220	5	21.22	6341330	20.0
11H-Benzo[a]fluorene	19.93	4.5	ng/ul	1431000	5	21.22	6341330	20.0
11H-Benzo[b]fluorene	20.03	3.2	ng/ul	1005210	5	21.22	6341330	20.0
Pyrene, 1-methyl-	20.09	2.7	ng/ul	862811	5	21.22	6341330	20.0
Benzo[e]pyrene	22.94	3.6	ng/ul	432690	6	23.43	2392680	20.0