

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005878.D
 Acq On : 23 May 2019 07:34
 Operator : JU/SJ
 Sample : K2927-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42B0

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-BN051819MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.758	636	641	656	rVB	190092	453894	11.53%	0.901%
2	6.905	661	666	683	rVB	189495	348630	8.86%	0.692%
3	7.105	694	700	711	rBV	253298	465407	11.83%	0.924%
4	7.558	772	777	787	rVB	280770	484633	12.32%	0.962%
5	8.281	894	900	913	rBV	255597	529479	13.46%	1.051%
6	8.710	967	973	985	rBV	280277	517905	13.16%	1.028%
7	9.428	1089	1095	1108	rBV	222374	420090	10.68%	0.834%
8	9.975	1182	1188	1207	rBV	242989	645117	16.39%	1.281%
9	10.322	1240	1247	1253	rBV	431414	758377	19.27%	1.506%
10	10.481	1268	1274	1295	rBV	137601	369433	9.39%	0.733%
11	13.616	1801	1807	1811	rVV	791823	1111846	28.25%	2.207%
12	13.663	1811	1815	1827	rVB	386389	581336	14.77%	1.154%
13	13.887	1846	1853	1867	rBV2	876926	1508154	38.33%	2.994%
14	14.198	1899	1906	1913	rBV2	723782	1123880	28.56%	2.231%
15	14.263	1913	1917	1922	rVV	26997	39573	1.01%	0.079%
16	14.492	1950	1956	1972	rVV5	58250	215817	5.48%	0.428%
17	14.610	1972	1976	1983	rVV	33823	68675	1.75%	0.136%
18	15.204	2070	2077	2083	rVV	1158261	1719974	43.71%	3.415%
19	15.263	2083	2087	2100	rVV2	36049	74752	1.90%	0.148%
20	15.381	2100	2107	2114	rVV2	64057	124374	3.16%	0.247%
21	15.563	2133	2138	2144	rVV3	19825	38287	0.97%	0.076%
22	15.939	2196	2202	2208	rBV5	27314	56669	1.44%	0.113%
23	16.269	2252	2258	2263	rBV5	17323	39240	1.00%	0.078%
24	16.628	2314	2319	2325	rBV2	39087	64494	1.64%	0.128%
25	16.692	2325	2330	2334	rBV3	21910	41021	1.04%	0.081%
26	16.781	2341	2345	2353	rVB	43422	68813	1.75%	0.137%
27	16.957	2369	2375	2379	rBV	1069126	1499348	38.10%	2.977%
28	16.998	2379	2382	2387	rVV	633575	851063	21.63%	1.690%
29	17.057	2387	2392	2397	rVV2	1336012	2002476	50.89%	3.976%
30	17.092	2397	2398	2404	rVB	185628	189300	4.81%	0.376%
31	17.151	2404	2408	2414	rBV6	20770	42929	1.09%	0.085%
32	17.381	2440	2447	2456	rBV2	58175	152530	3.88%	0.303%
33	17.475	2460	2463	2467	rVV3	26122	38617	0.98%	0.077%
34	17.545	2471	2475	2484	rVB5	28802	71670	1.82%	0.142%

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 Title : SVOA CALIBRATION

35	17.686	2484	2499	2504	rBV5	23558	63451	1.61%	0.126%
36	17.839	2519	2525	2528	rBV	137788	202201	5.14%	0.401%
37	17.886	2528	2533	2539	rVV2	254670	488924	12.42%	0.971%
38	17.975	2543	2548	2552	rVV	89399	141037	3.58%	0.280%
39	18.033	2552	2558	2562	rVV2	201671	369119	9.38%	0.733%
40	18.075	2562	2565	2575	rVB	119669	171940	4.37%	0.341%
41	18.163	2575	2580	2584	rBV5	36870	63467	1.61%	0.126%
42	18.245	2590	2594	2598	rVB4	27106	38839	0.99%	0.077%
43	18.345	2606	2611	2617	rVV	115252	188633	4.79%	0.375%
44	18.404	2617	2621	2628	rVB2	104854	163157	4.15%	0.324%
45	18.598	2646	2654	2659	rBV2	55403	118876	3.02%	0.236%
46	18.651	2659	2663	2666	rVV	68043	84979	2.16%	0.169%
47	18.692	2666	2670	2674	rVB2	55687	73029	1.86%	0.145%
48	18.769	2679	2683	2688	rVV	174443	274170	6.97%	0.544%
49	18.833	2688	2694	2697	rVV3	86872	205931	5.23%	0.409%
50	18.863	2697	2699	2703	rVV	73718	88735	2.25%	0.176%
51	18.922	2703	2709	2716	rVV5	110941	228276	5.80%	0.453%
52	19.039	2720	2729	2736	rBV	1600644	2167126	55.07%	4.303%
53	19.104	2737	2740	2743	rVV	56434	69401	1.76%	0.138%
54	19.139	2743	2746	2750	rVV3	46389	65991	1.68%	0.131%
55	19.192	2750	2755	2760	rVV	155342	243789	6.20%	0.484%
56	19.280	2764	2770	2773	rVV3	66700	164169	4.17%	0.326%
57	19.316	2773	2776	2781	rVV2	77495	108150	2.75%	0.215%
58	19.375	2781	2786	2789	rVV2	1892982	2769330	70.37%	5.498%
59	19.404	2789	2791	2800	rVV	1430270	1850923	47.04%	3.675%
60	19.486	2800	2805	2810	rVV2	123496	180503	4.59%	0.358%
61	19.592	2818	2823	2829	rVB	99249	158714	4.03%	0.315%
62	19.657	2829	2834	2842	rVB4	65520	129752	3.30%	0.258%
63	19.739	2842	2848	2856	rBV2	183726	489097	12.43%	0.971%
64	19.827	2860	2863	2866	rVB3	33152	39859	1.01%	0.079%
65	19.880	2866	2872	2874	rBV3	163126	305052	7.75%	0.606%
66	19.910	2874	2877	2881	rVB	273113	386716	9.83%	0.768%
67	20.016	2891	2895	2898	rVV	142299	180656	4.59%	0.359%
68	20.075	2899	2905	2910	rVV2	245373	420268	10.68%	0.834%
69	20.157	2916	2919	2924	rBV3	55303	98249	2.50%	0.195%
70	20.216	2925	2929	2933	rVV	166937	224611	5.71%	0.446%
71	20.263	2933	2937	2941	rVV2	147803	220480	5.60%	0.438%

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72	20.363	2951	2954	2956	rBV2	35464	51388	1.31%	0.102%
73	20.510	2976	2979	2983	rBV5	53235	70771	1.80%	0.141%
74	20.545	2983	2985	2989	rVB2	58091	70039	1.78%	0.139%
75	20.680	3004	3008	3013	rBV	278343	366695	9.32%	0.728%
76	20.839	3031	3035	3038	rBV	207187	263757	6.70%	0.524%
77	20.874	3038	3041	3044	rVB	184869	195616	4.97%	0.388%
78	20.916	3044	3048	3057	rBV3	323793	573974	14.59%	1.140%
79	20.986	3057	3060	3065	rVB	240769	312919	7.95%	0.621%
80	21.086	3069	3077	3079	rBV2	97256	229951	5.84%	0.457%
81	21.116	3079	3082	3087	rVB	328722	361432	9.18%	0.718%
82	21.198	3089	3096	3100	rVV2	1930097	3935156	100.00%	7.813%
83	21.233	3100	3102	3113	rVB	1112665	1447281	36.78%	2.873%
84	21.357	3119	3123	3126	rBV3	157383	201418	5.12%	0.400%
85	21.422	3130	3134	3140	rBV4	161305	281267	7.15%	0.558%
86	21.522	3147	3151	3156	rBV4	106299	190194	4.83%	0.378%
87	21.698	3178	3181	3184	rBV	88991	114163	2.90%	0.227%
88	21.751	3187	3190	3194	rVV	361652	459531	11.68%	0.912%
89	21.798	3195	3198	3206	rVB2	191302	340419	8.65%	0.676%
90	21.945	3220	3223	3227	rBV3	177565	273525	6.95%	0.543%
91	22.245	3270	3274	3278	rBV2	203524	302175	7.68%	0.600%
92	22.510	3316	3319	3324	rVB2	135074	196549	4.99%	0.390%
93	22.757	3354	3361	3366	rBV	1028764	2522474	64.10%	5.008%
94	22.921	3384	3389	3394	rBV	244114	419561	10.66%	0.833%
95	23.221	3434	3440	3443	rBV	495857	856281	21.76%	1.700%
96	23.268	3443	3448	3452	rVV	1034195	1943065	49.38%	3.858%
97	23.310	3452	3455	3465	rVB	805219	1476306	37.52%	2.931%
98	23.404	3466	3471	3477	rBV	752993	1411941	35.88%	2.803%
99	25.598	3837	3844	3853	rVB2	394985	1052624	26.75%	2.090%
100	26.268	3954	3958	3968	rVB2	187994	491598	12.49%	0.976%

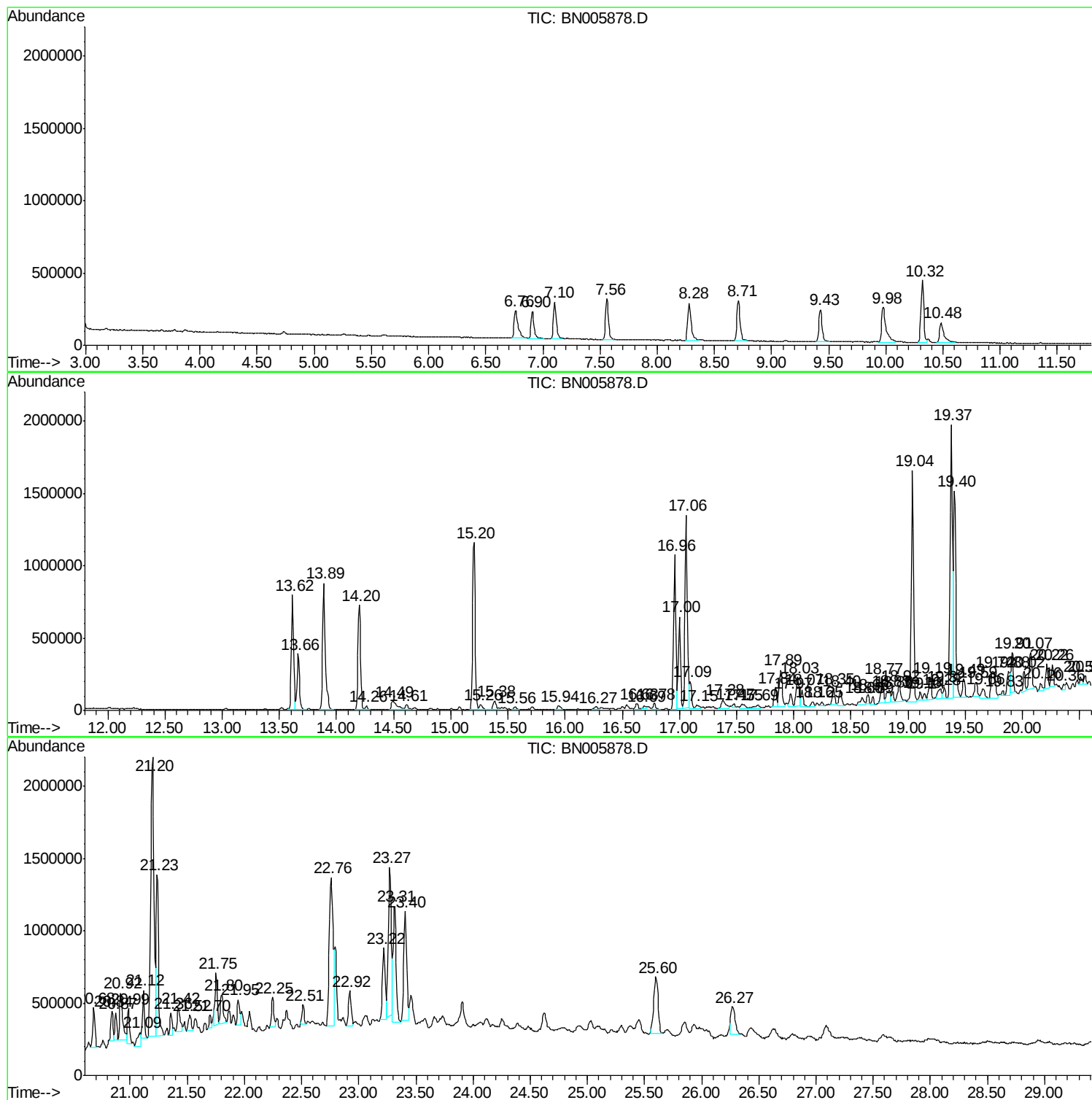
Sum of corrected areas: 50367473

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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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



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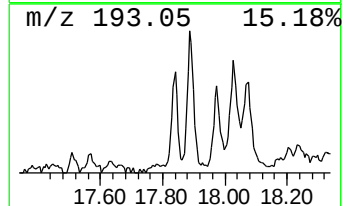
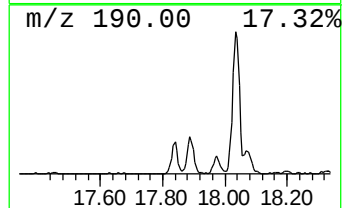
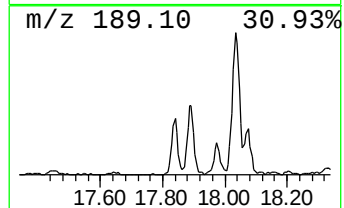
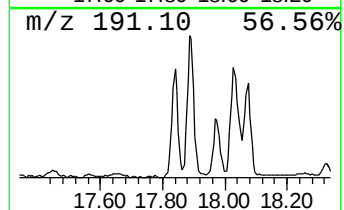
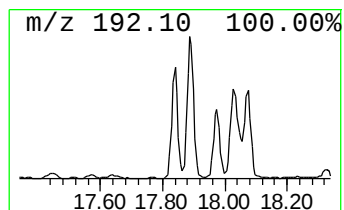
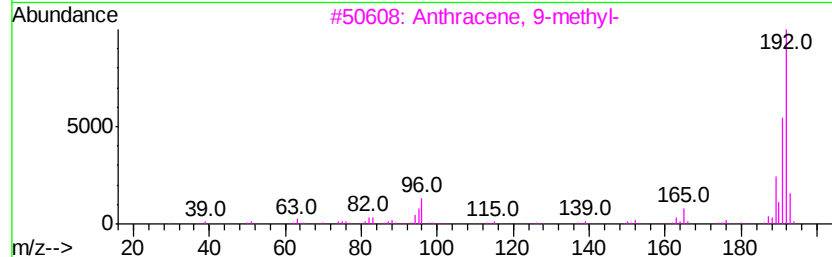
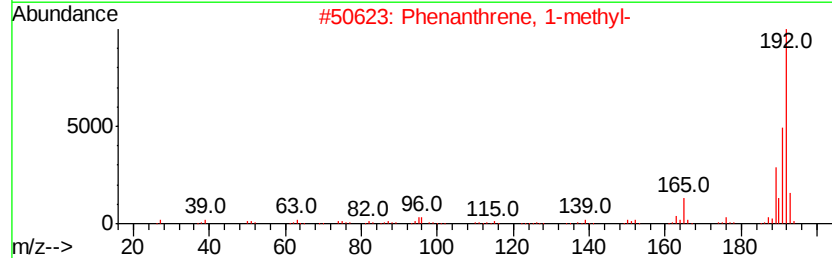
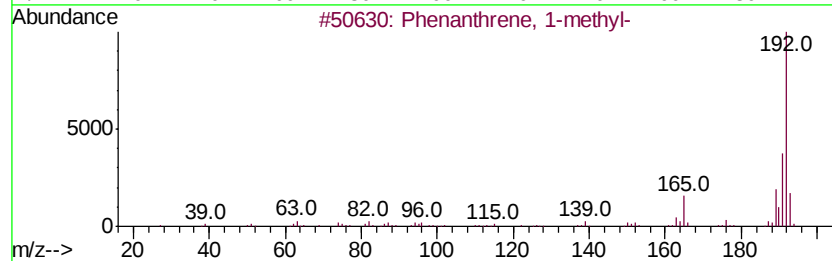
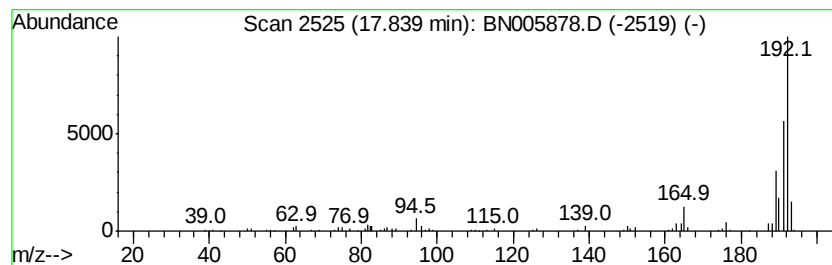
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.84	2.70 ng/ul	202201	Phenanthrene-d10		16.96
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



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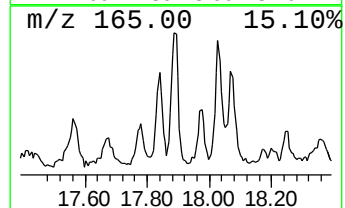
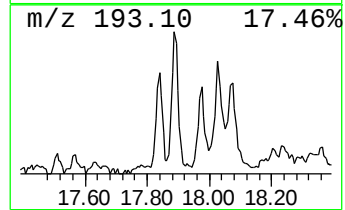
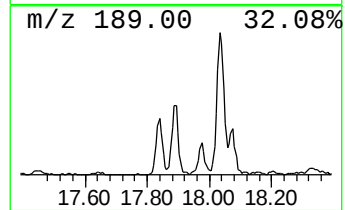
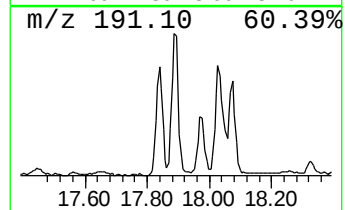
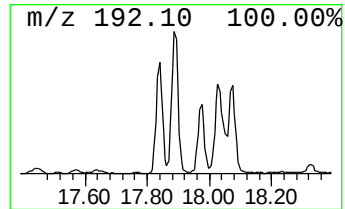
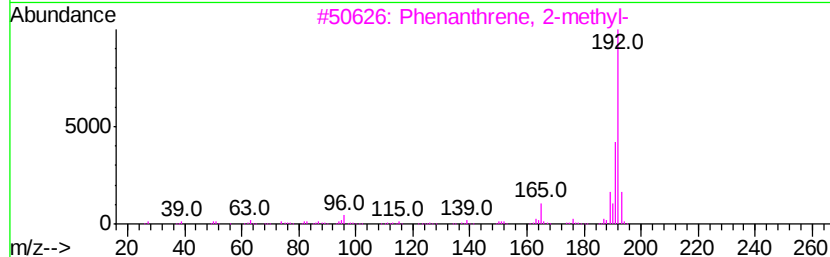
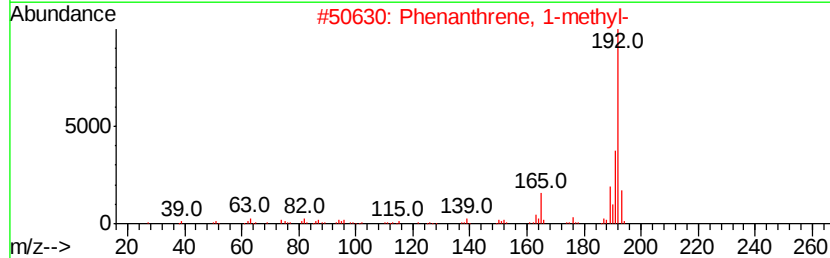
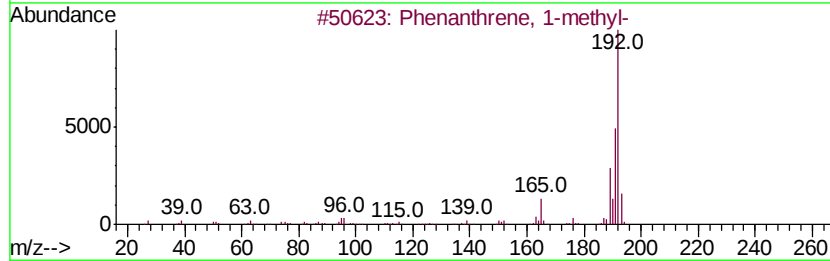
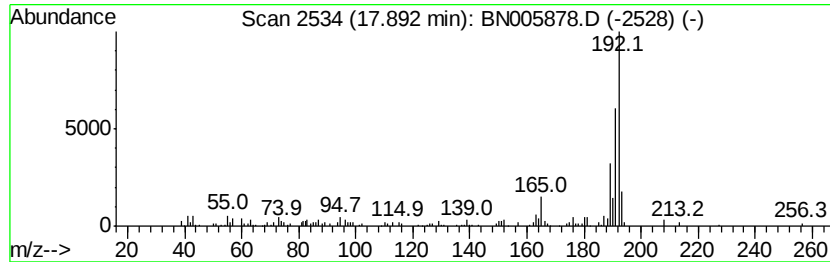
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.89	6.52 ng/ul	488924	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
2	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	94
4	1H-Cyclopropa[1,1]phenanthrene,1a,...		192	C15H12	000949-41-7	94
5	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	94



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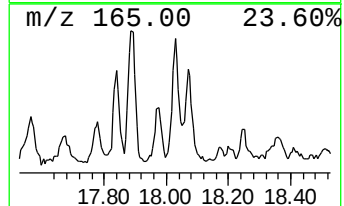
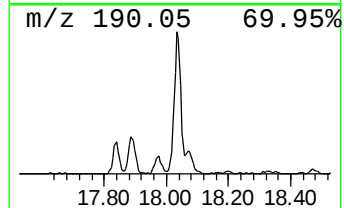
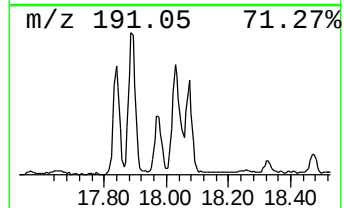
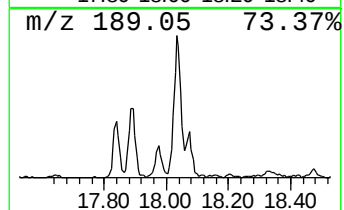
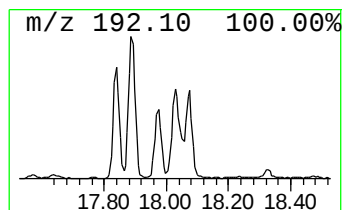
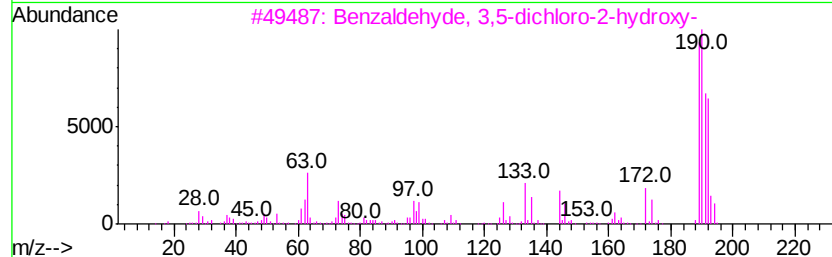
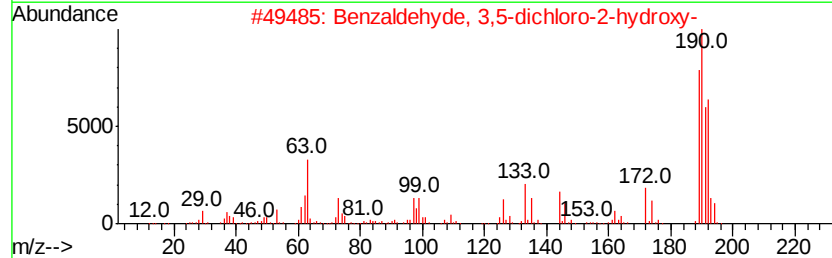
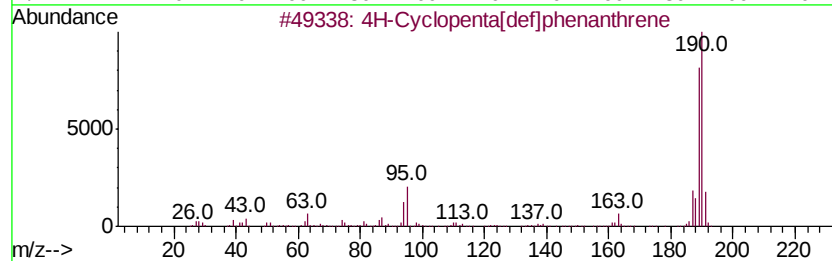
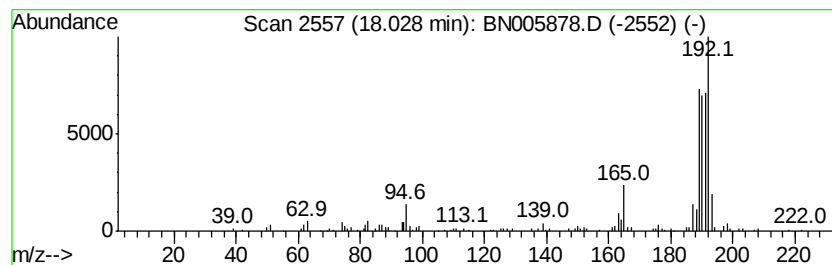
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	4.92 ng/ul	369119	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	41



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Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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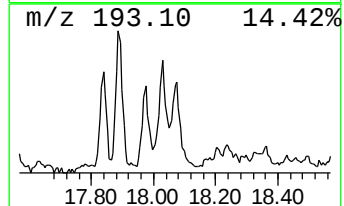
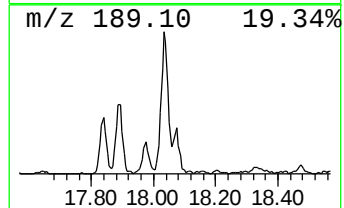
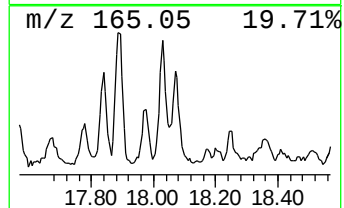
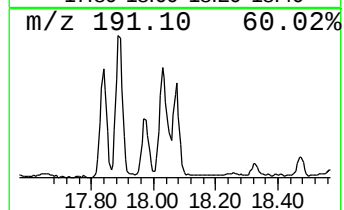
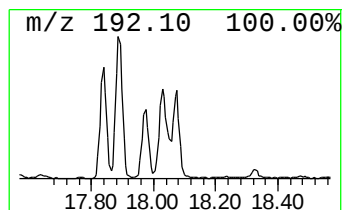
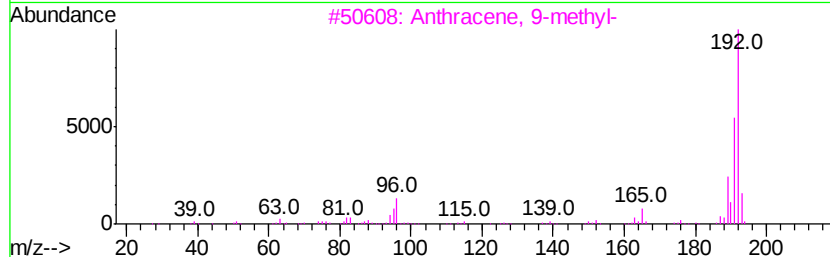
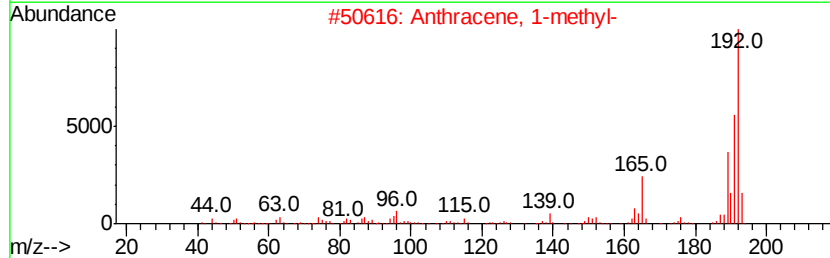
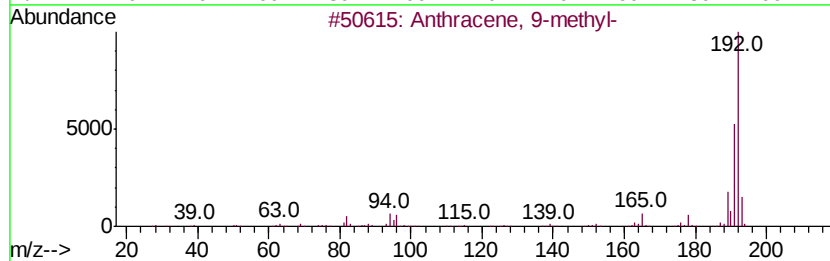
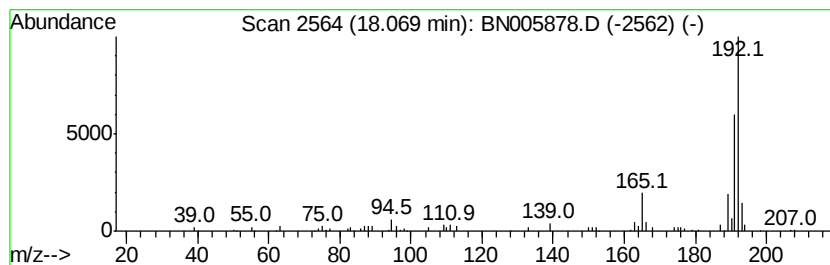
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	2.29 ng/ul	171940	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
4		Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	81



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Sample : K2927-13
Misc :
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Instrument :
BNA_N
ClientSampleId :
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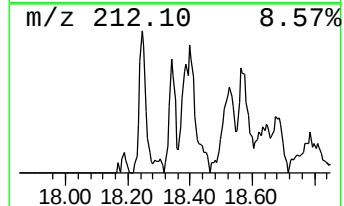
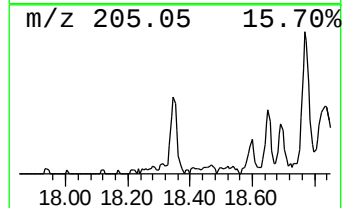
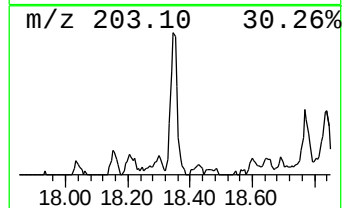
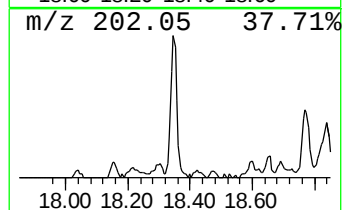
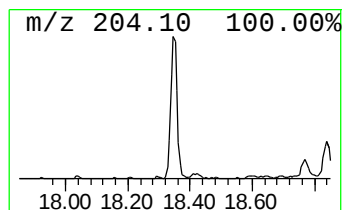
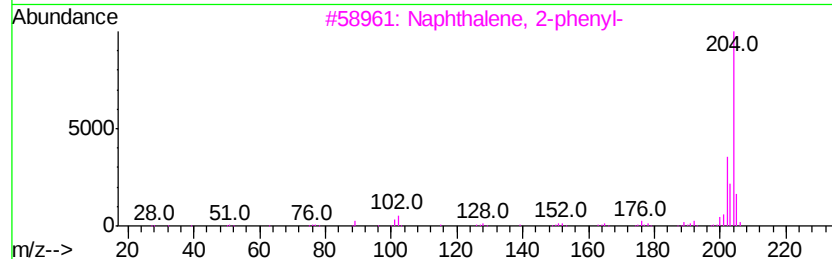
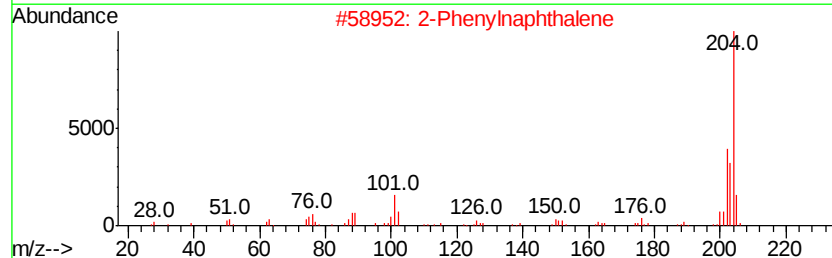
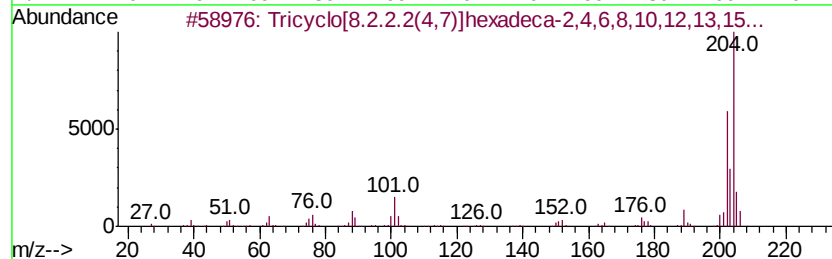
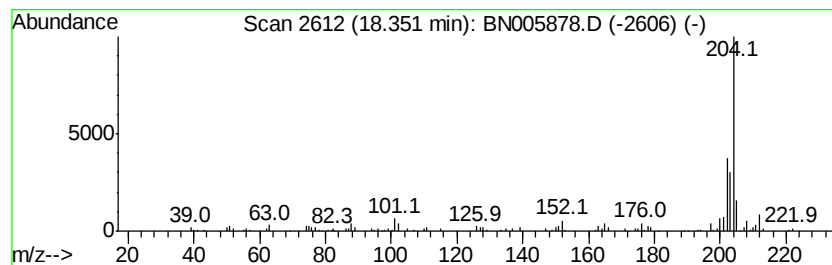
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.52 ng/ul	188633	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
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	53
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53



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Data File : BN005878.D
Acq On : 23 May 2019 07:34
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Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampled :
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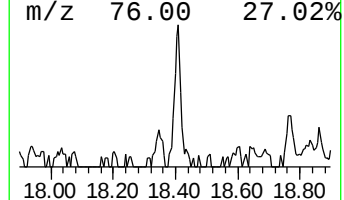
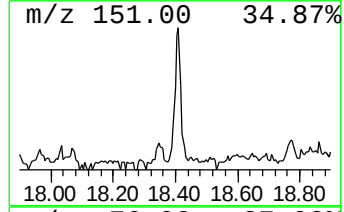
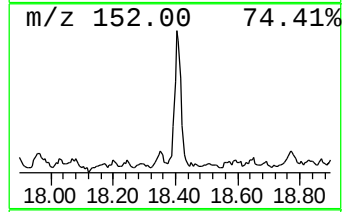
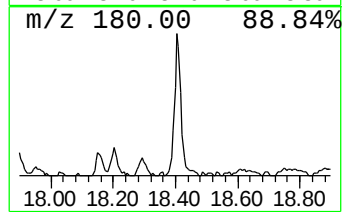
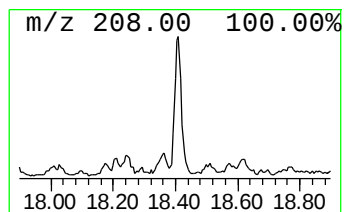
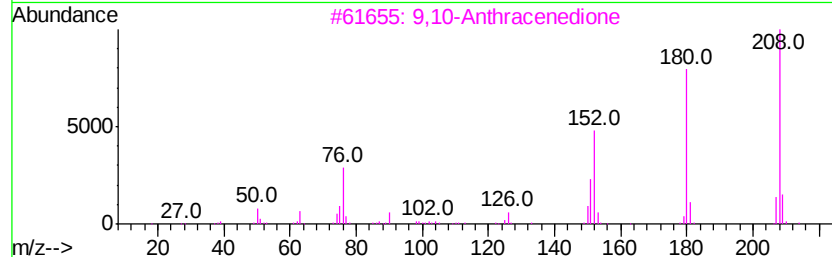
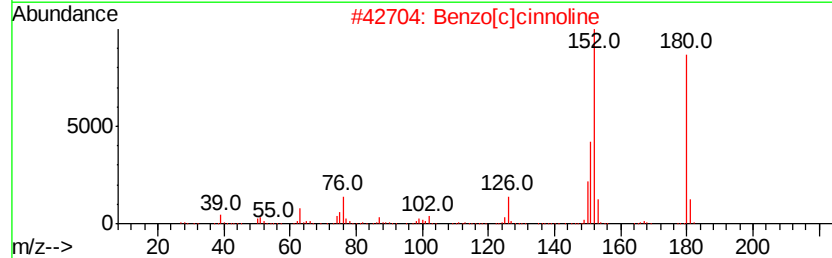
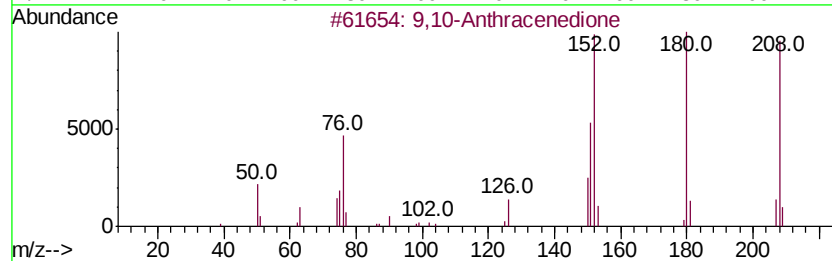
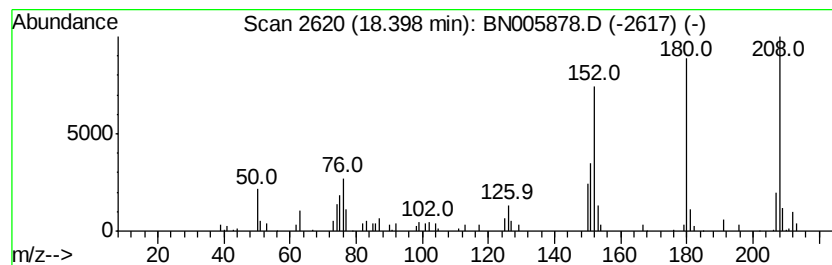
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	2.18 ng/ul	163157	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4		9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
5		9,10-Anthracenedione	208	C14H8O2	000084-65-1	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005878.D
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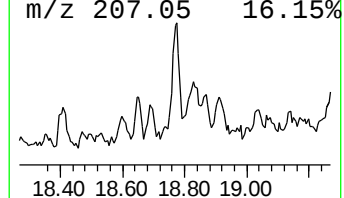
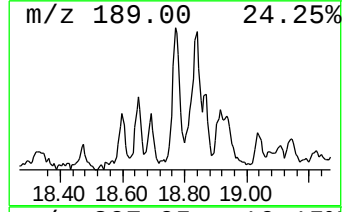
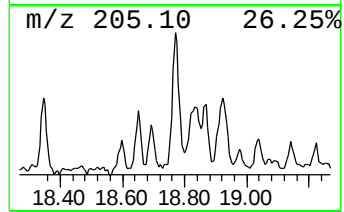
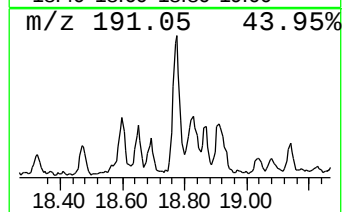
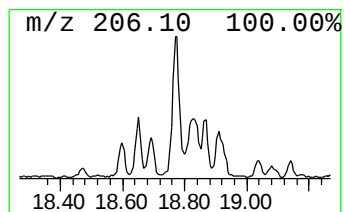
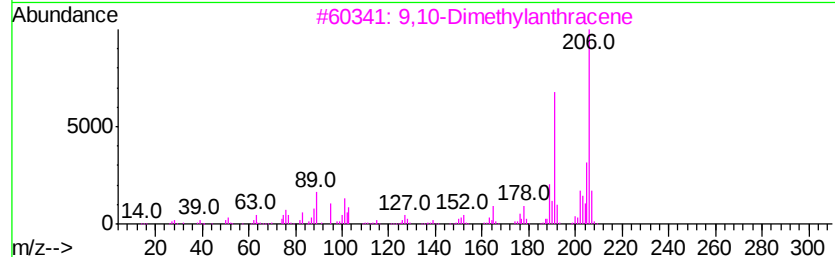
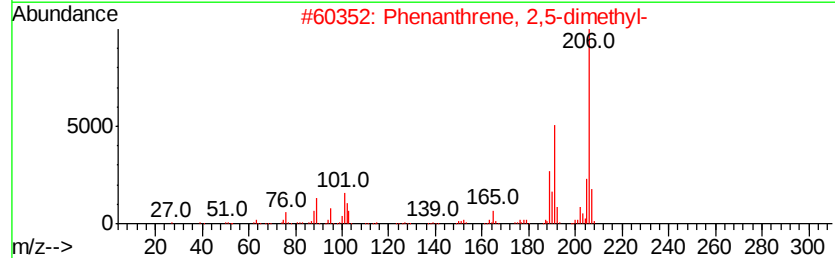
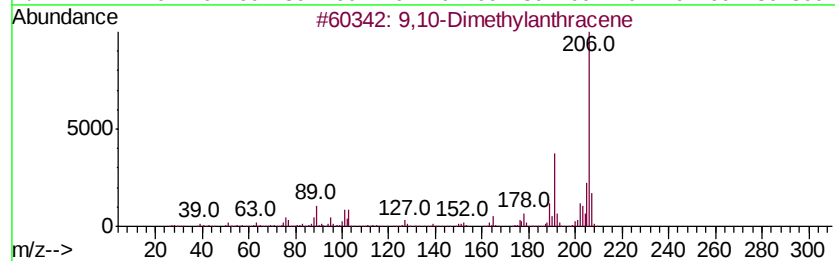
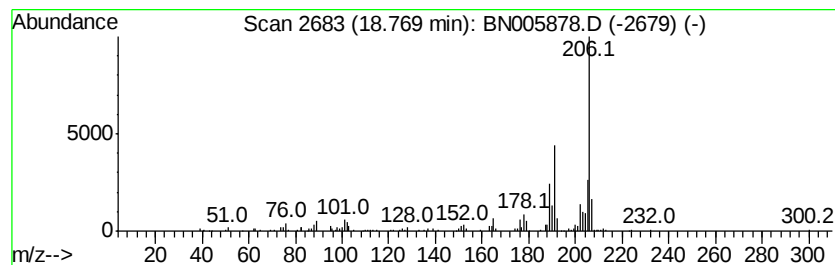
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	3.66 ng/ul	274170	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	87
4			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
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Sample : K2927-13
Misc :
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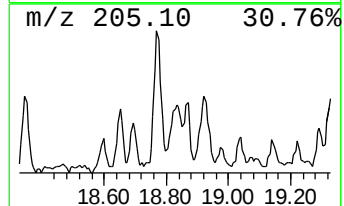
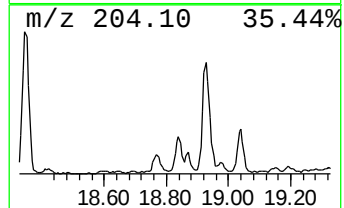
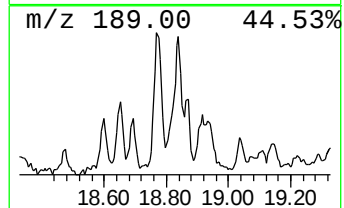
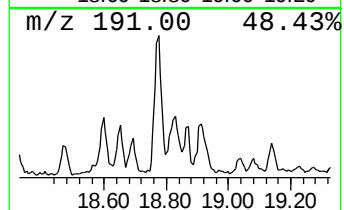
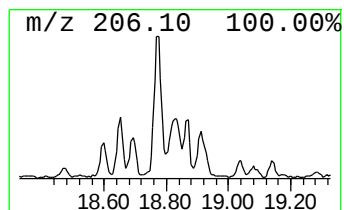
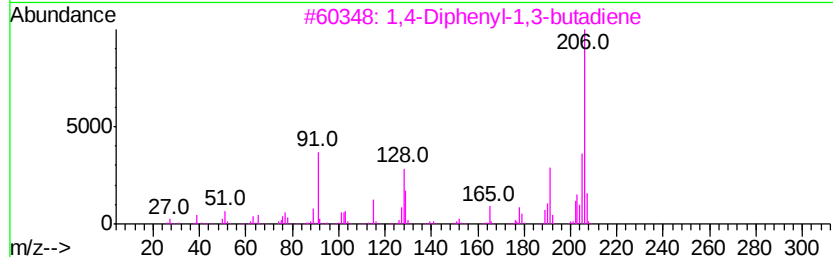
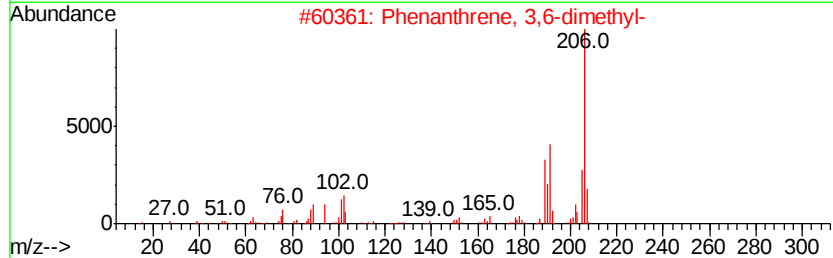
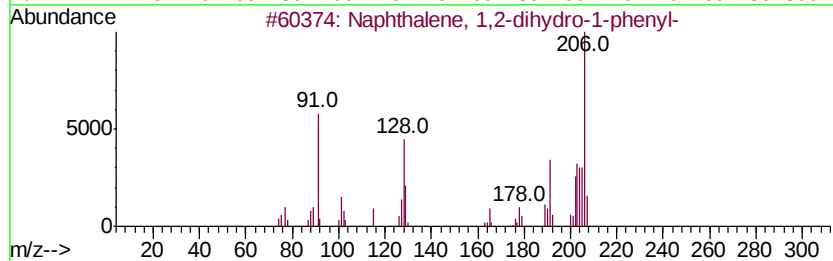
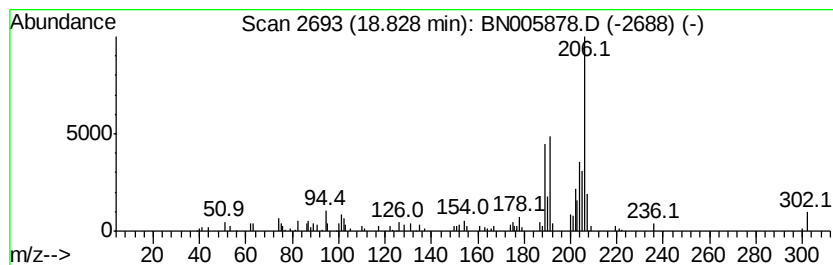
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.83	2.75 ng/ul	205931	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	46
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	45
3		1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	41
4		1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	41
5		Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	41



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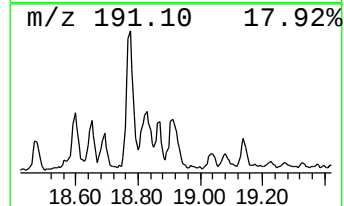
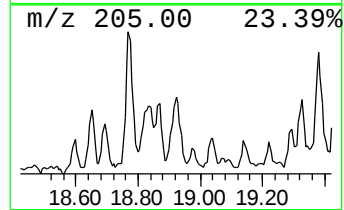
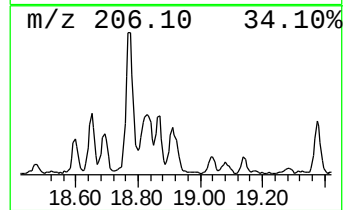
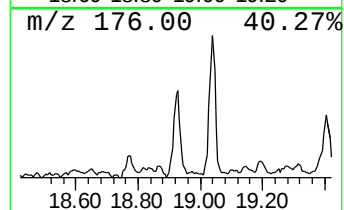
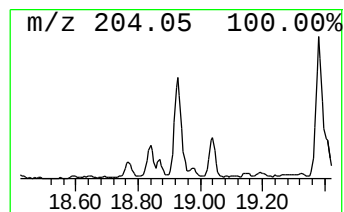
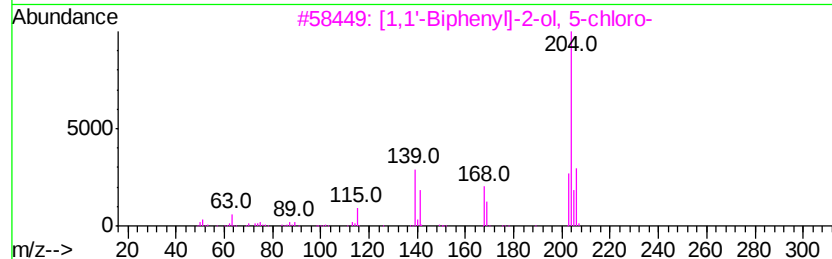
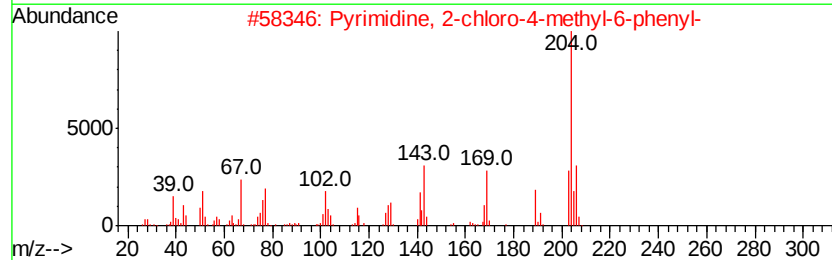
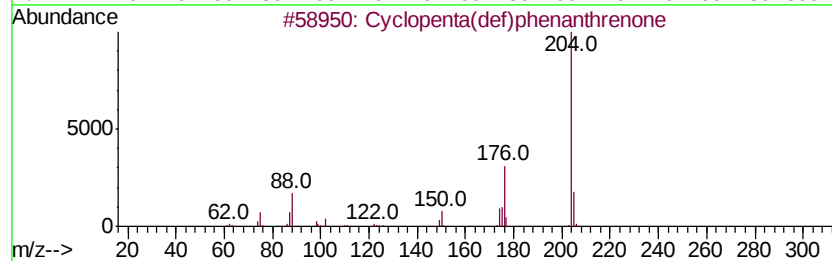
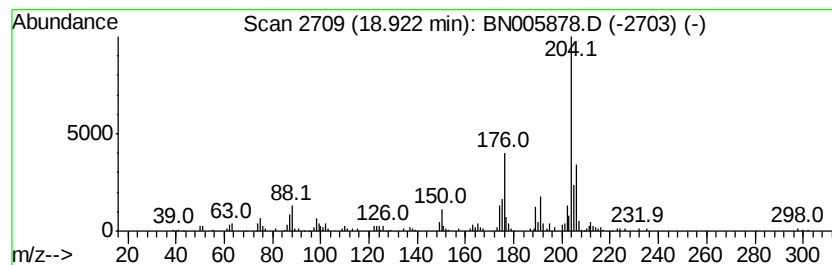
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	3.05 ng/ul	228276	Phenanthrene-d10	16.96

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	64
2		Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	45
5		Benzene, 1-chloro-3-phenoxy-	204	C12H9ClO	006452-49-9	43



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ClientSampleId :
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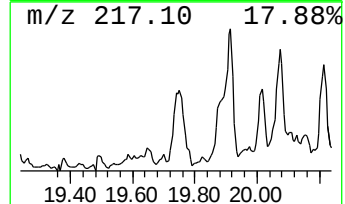
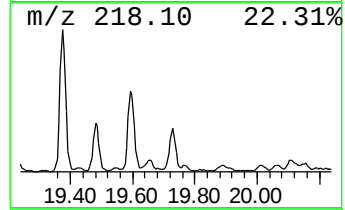
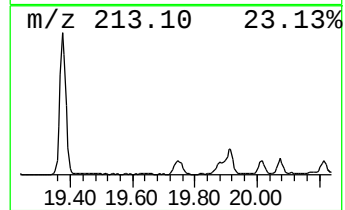
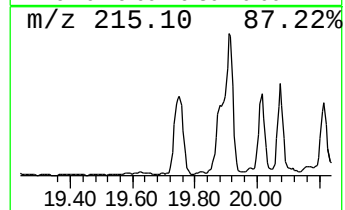
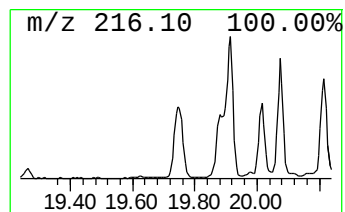
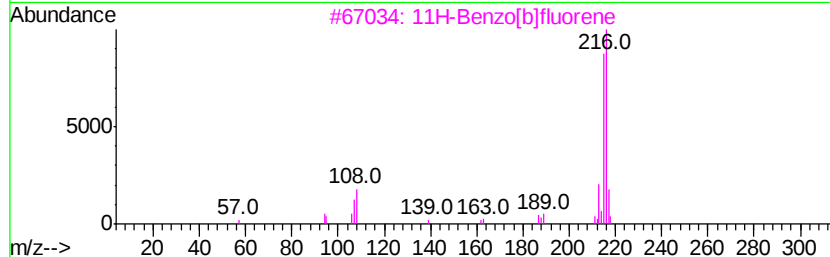
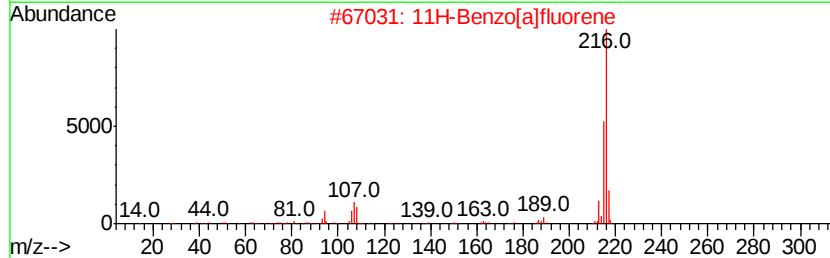
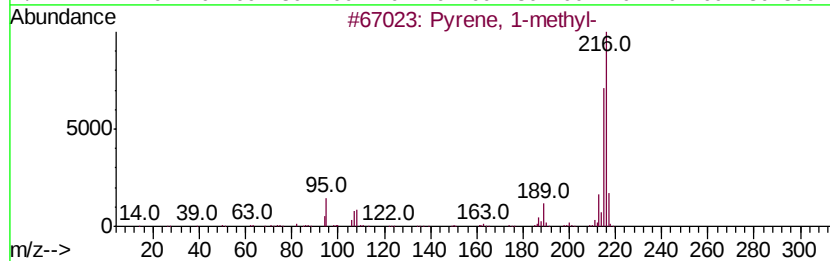
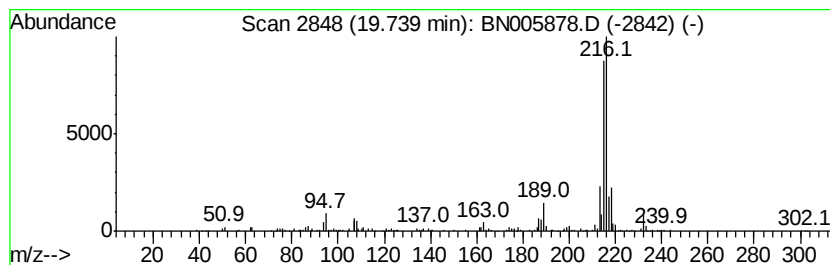
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.74	2.49 ng/ul	489097	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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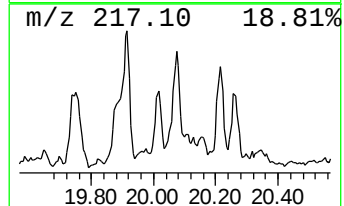
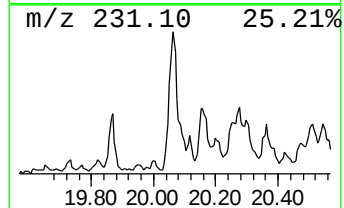
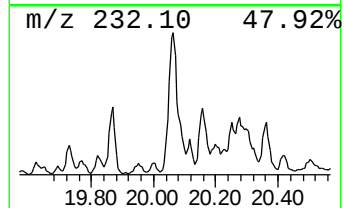
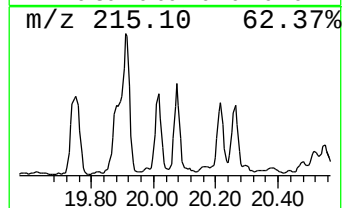
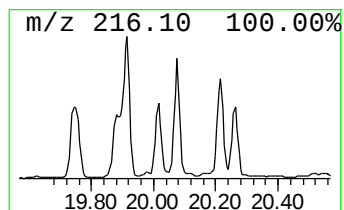
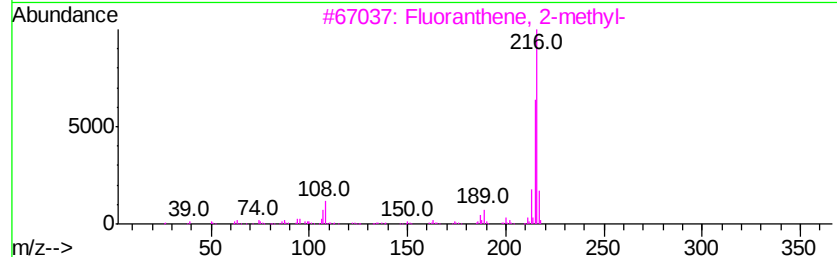
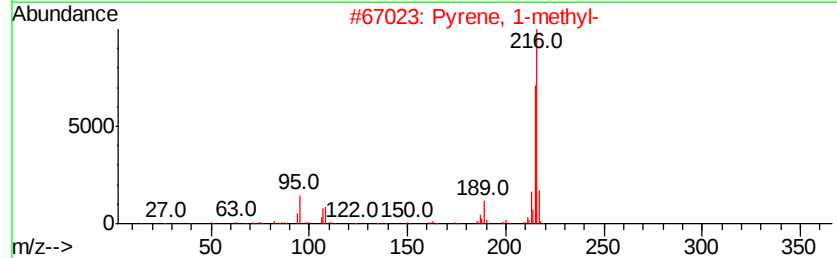
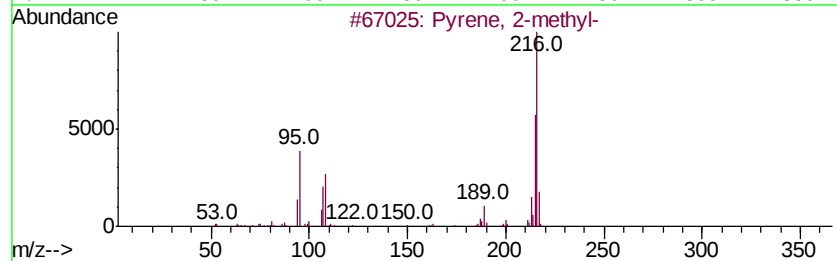
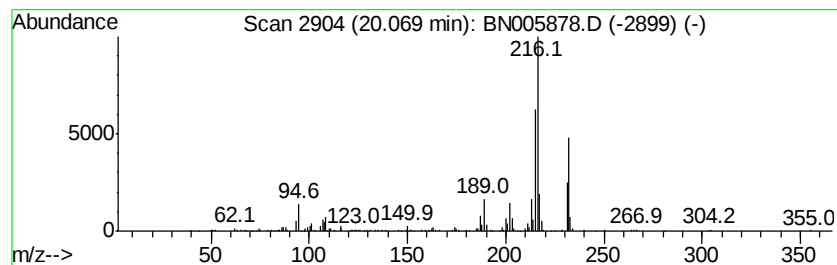
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Pyrene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.07	2.14 ng/ul	420268	Chrysene-d12	21.20

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

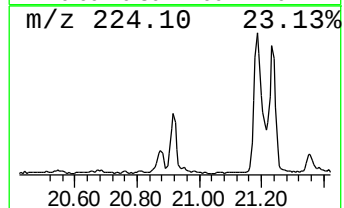
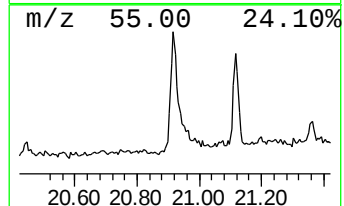
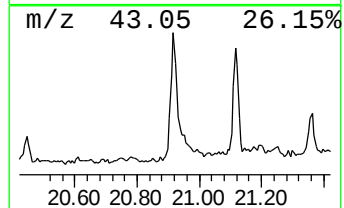
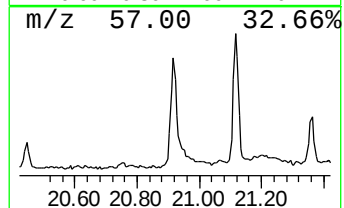
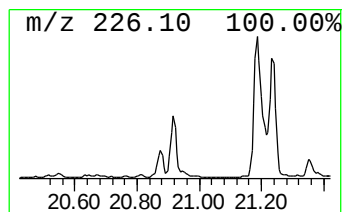
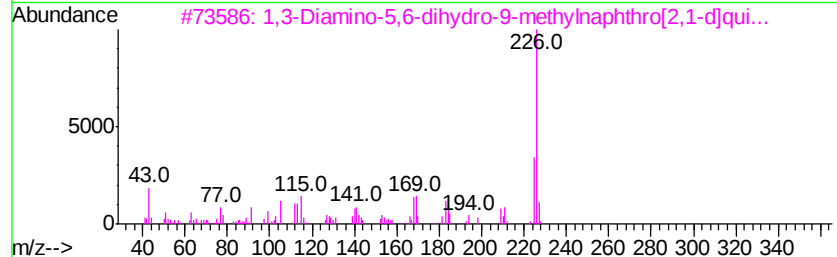
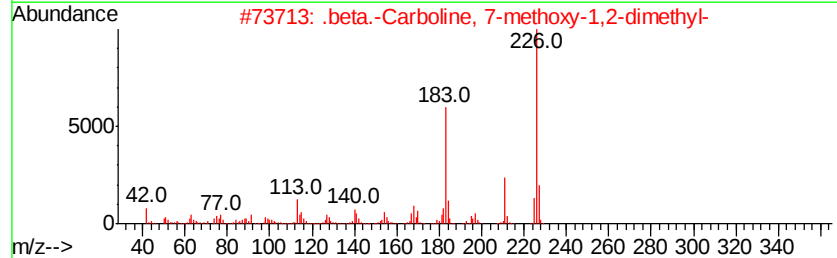
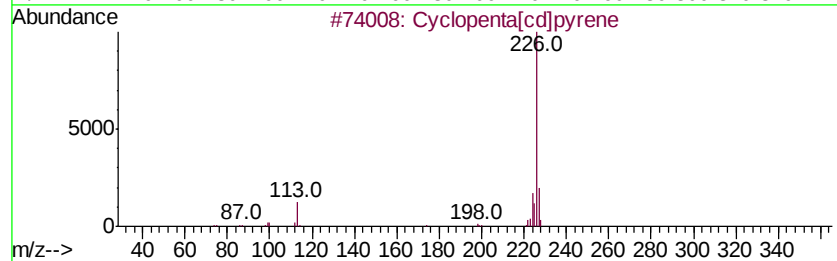
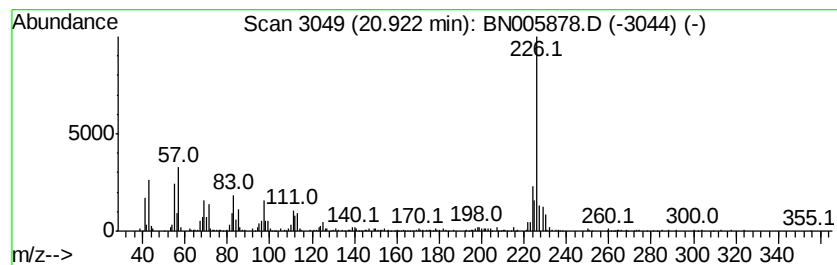
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Cyclopenta[cd]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	2.92 ng/ul	573974	Chrysene-d12	21.20
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclopenta[cd]pyrene	226 C18H10	027208-37-3 64
2		.beta.-Carboline, 7-methoxy-1,2-...	226 C14H14N2O	006519-18-2 50
3		1,3-Diamino-5,6-dihydro-9-methyl...	226 C13H14N4	037436-39-8 47
4		9H-Xanthen-9-one, 2-methoxy-	226 C14H10O3	001214-20-6 28
5		1,3-Diamino-5,6-dihydro-7-methyl...	226 C13H14N4	037436-37-6 28



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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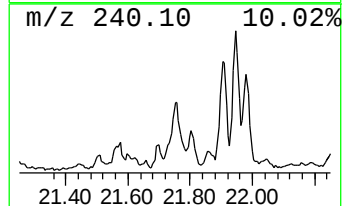
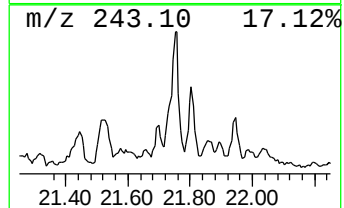
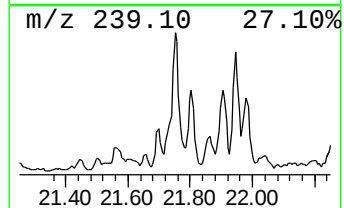
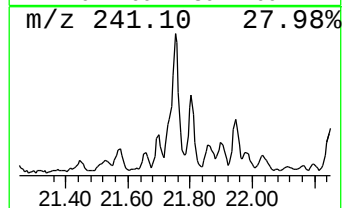
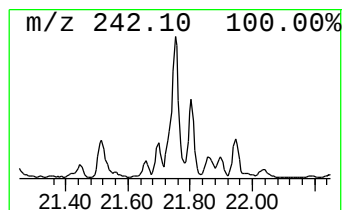
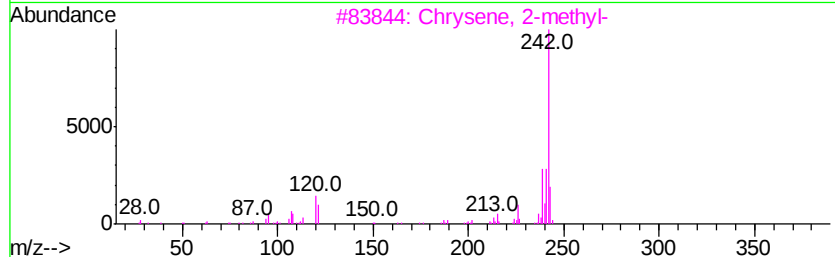
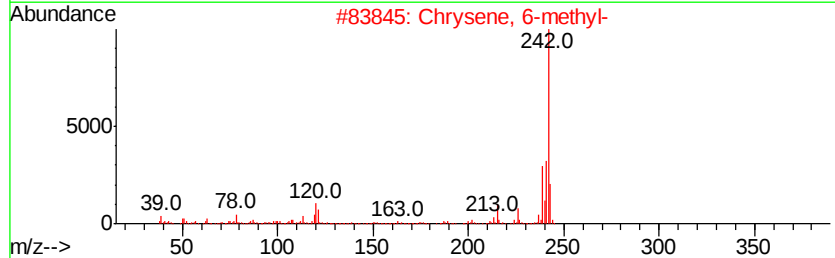
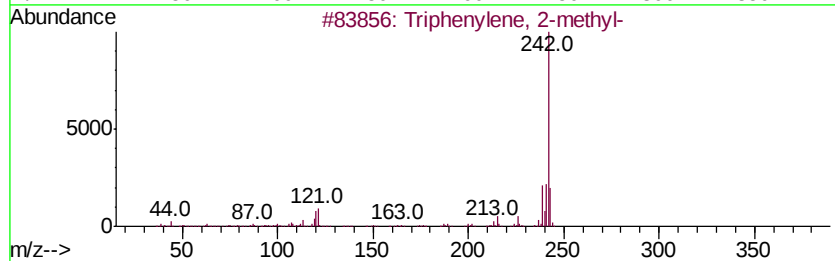
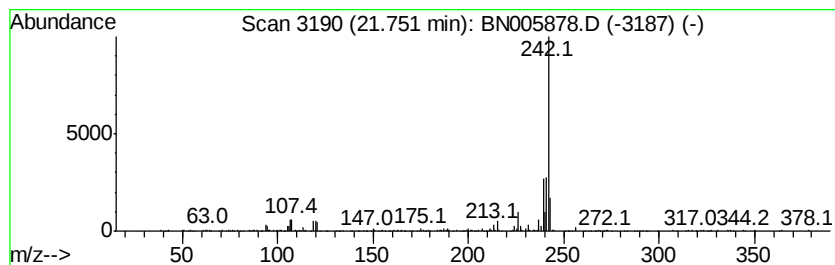
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Triphenylene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.75	2.34 ng/ul	459531	Chrysene-d12	21.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
2		Chrysene, 6-methyl-	242	C19H14	003697-24-3	90
3		Chrysene, 2-methyl-	242	C19H14	003351-32-4	90
4		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	81
5		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
Data File : BN005878.D
Acq On : 23 May 2019 07:34
Operator : JU/SJ
Sample : K2927-13
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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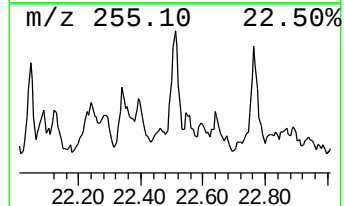
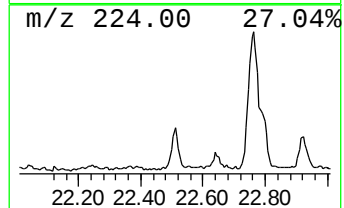
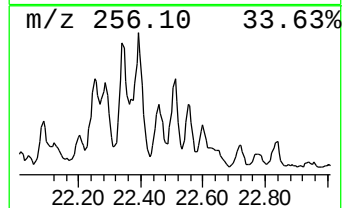
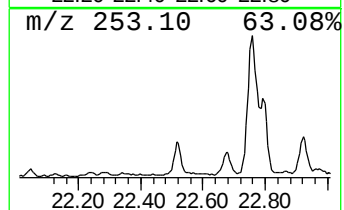
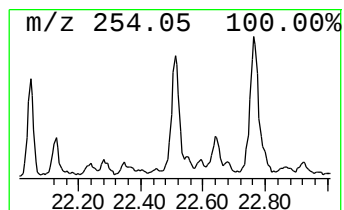
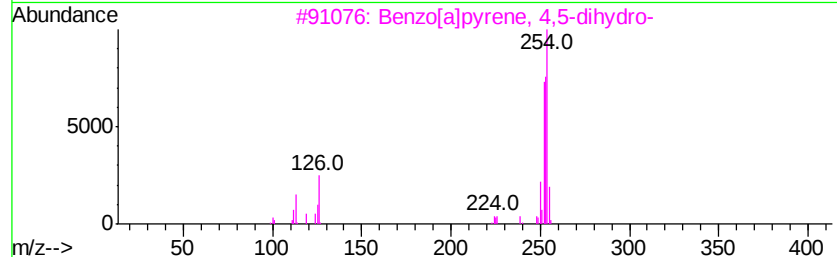
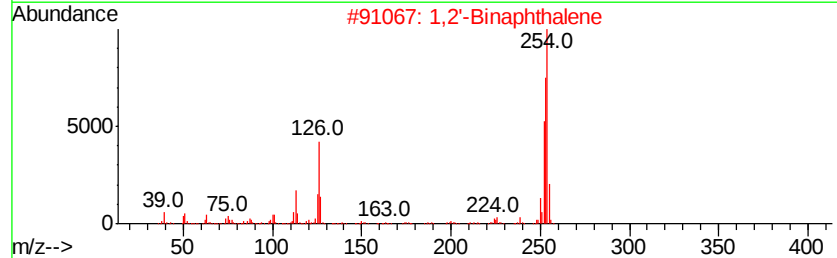
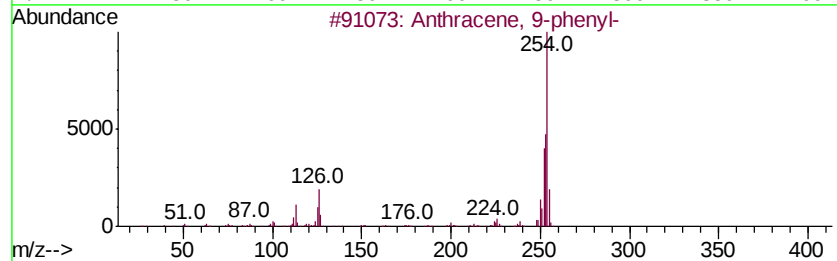
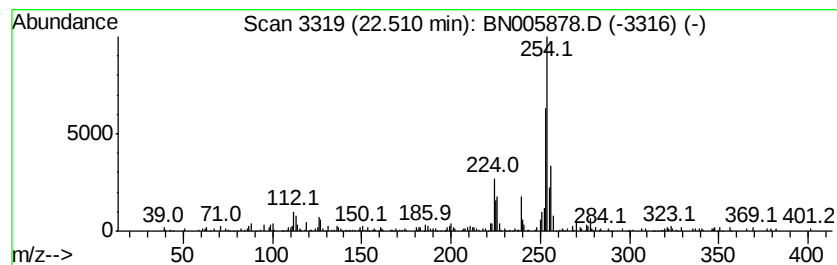
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Anthracene, 9-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.51	2.78 ng/ul	196549	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
2		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
3		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	64
4		1,2'-Binaphthalene	254	C20H14	004325-74-0	64
5		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052219\
 Data File : BN005878.D
 Acq On : 23 May 2019 07:34
 Operator : JU/SJ
 Sample : K2927-13
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.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
Phenanthrene, 1-m...	17.84	2.7	ng/ul	202201	4	16.96	1499350	20.0
Phenanthrene, 2-m...	17.89	6.5	ng/ul	488924	4	16.96	1499350	20.0
4H-Cyclopenta[def...	18.03	4.9	ng/ul	369119	4	16.96	1499350	20.0
Anthracene, 9-met...	18.07	2.3	ng/ul	171940	4	16.96	1499350	20.0
Tricyclo[8.2.2.2(...	18.35	2.5	ng/ul	188633	4	16.96	1499350	20.0
9,10-Anthracenedione	18.40	2.2	ng/ul	163157	4	16.96	1499350	20.0
9,10-Dimethylanth...	18.77	3.7	ng/ul	274170	4	16.96	1499350	20.0
unknown-01	18.83	2.8	ng/ul	205931	4	16.96	1499350	20.0
Cyclopenta(def)ph...	18.92	3.0	ng/ul	228276	4	16.96	1499350	20.0
Pyrene, 1-methyl-	19.74	2.5	ng/ul	489097	5	21.20	3935160	20.0
Pyrene, 2-methyl-	20.07	2.1	ng/ul	420268	5	21.20	3935160	20.0
Cyclopenta[cd]pyrene	20.92	2.9	ng/ul	573974	5	21.20	3935160	20.0
Triphenylene, 2-m...	21.75	2.3	ng/ul	459531	5	21.20	3935160	20.0
Anthracene, 9-phe...	22.51	2.8	ng/ul	196549	6	23.41	1411940	20.0