

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011438.D
 Acq On : 14 Aug 2020 22:24
 Operator : CG/JU
 Sample : L3631-12
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMM8

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-BN081420MA.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	3.122	19	23	28	rVV4	19188	27781	0.64%	0.055%
2	3.593	99	103	109	rVB	47471	61767	1.42%	0.123%
3	3.705	117	122	128	rVB	26409	40286	0.93%	0.080%
4	3.787	133	136	142	rVB2	11568	18102	0.42%	0.036%
5	4.005	168	173	178	rBV3	15623	24717	0.57%	0.049%
6	4.658	279	284	292	rBV	21951	36787	0.85%	0.073%
7	6.640	615	621	637	rVB	342552	612410	14.07%	1.222%
8	6.799	642	648	659	rBV	295783	469967	10.80%	0.938%
9	6.981	671	679	690	rBV	413063	651657	14.98%	1.300%
10	7.440	750	757	767	rBV	740538	1141209	26.23%	2.277%
11	8.152	871	878	892	rBV	394342	656982	15.10%	1.311%
12	8.575	940	950	963	rBV	340223	578932	13.30%	1.155%
13	9.287	1064	1071	1081	rBV	308458	511141	11.75%	1.020%
14	9.822	1155	1162	1172	rBV	461105	806718	18.54%	1.610%
15	10.181	1215	1223	1230	rBV	942349	1563787	35.94%	3.120%
16	10.228	1230	1231	1236	rVB2	22163	27250	0.63%	0.054%
17	10.334	1241	1249	1263	rBV	340372	643259	14.78%	1.283%
18	11.851	1503	1507	1514	rBV4	11309	19427	0.45%	0.039%
19	12.087	1541	1547	1551	rBV	11220	17309	0.40%	0.035%
20	13.392	1761	1769	1774	rBV5	16265	27334	0.63%	0.055%
21	13.498	1781	1787	1791	rVV	867234	1248842	28.70%	2.492%
22	13.545	1791	1795	1805	rVV	162358	249248	5.73%	0.497%
23	13.757	1824	1831	1846	rVB	1002231	1570096	36.08%	3.133%
24	14.069	1878	1884	1891	rBV	1406534	2091425	48.06%	4.173%
25	14.134	1891	1895	1899	rVB2	27609	40231	0.92%	0.080%
26	14.304	1918	1924	1934	rBV	209205	393107	9.03%	0.784%
27	14.481	1949	1954	1958	rBV3	30969	46639	1.07%	0.093%
28	15.075	2049	2055	2061	rVV	1311773	1841236	42.31%	3.674%
29	15.128	2061	2064	2072	rVV2	47743	81933	1.88%	0.163%
30	15.210	2072	2078	2085	rVV	277161	418609	9.62%	0.835%
31	15.310	2089	2095	2102	rVV7	14911	39016	0.90%	0.078%
32	15.428	2110	2115	2119	rVV	24634	34566	0.79%	0.069%
33	15.575	2137	2140	2147	rVB3	22447	40094	0.92%	0.080%
34	16.145	2234	2237	2241	rVV4	15997	25726	0.59%	0.051%

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35	16.381	2272	2277	2279	rVV2	21090	29863	0.69%	0.060%
36	16.410	2279	2282	2285	rVV2	17653	24602	0.57%	0.049%
37	16.486	2291	2295	2302	rVB	62078	94614	2.17%	0.189%
38	16.563	2305	2308	2314	rBV6	20621	38874	0.89%	0.078%
39	16.645	2314	2322	2327	rVV2	35928	59487	1.37%	0.119%
40	16.828	2346	2353	2357	rBV	1795777	2473656	56.85%	4.936%
41	16.869	2357	2360	2365	rVV	906079	1144007	26.29%	2.283%
42	16.922	2365	2369	2374	rVV	1329958	1937536	44.53%	3.866%
43	16.957	2374	2375	2381	rVV	159751	153439	3.53%	0.306%
44	17.022	2383	2386	2394	rVB5	29073	48561	1.12%	0.097%
45	17.145	2404	2407	2412	rVB5	13484	19069	0.44%	0.038%
46	17.239	2418	2423	2427	rVV	58225	81957	1.88%	0.164%
47	17.363	2439	2444	2448	rBV3	27697	40538	0.93%	0.081%
48	17.410	2448	2452	2455	rBV2	24662	32386	0.74%	0.065%
49	17.551	2473	2476	2482	rVB4	13878	21745	0.50%	0.043%
50	17.628	2485	2489	2493	rBV2	14246	20308	0.47%	0.041%
51	17.704	2496	2502	2506	rBV	138954	190571	4.38%	0.380%
52	17.757	2506	2511	2519	rVV2	224910	349732	8.04%	0.698%
53	17.833	2519	2524	2528	rVB2	59102	88806	2.04%	0.177%
54	17.892	2528	2534	2538	rBV2	181072	305481	7.02%	0.610%
55	17.933	2538	2541	2545	rVB	101261	134682	3.10%	0.269%
56	18.027	2550	2557	2559	rBV7	13601	29916	0.69%	0.060%
57	18.057	2559	2562	2567	rVV6	28552	42426	0.98%	0.085%
58	18.104	2567	2570	2575	rVB7	11862	17941	0.41%	0.036%
59	18.216	2584	2589	2592	rVV	122183	183389	4.21%	0.366%
60	18.251	2592	2595	2602	rVB	147675	198322	4.56%	0.396%
61	18.469	2627	2632	2636	rBV4	41156	56806	1.31%	0.113%
62	18.516	2636	2640	2643	rBV2	29896	40299	0.93%	0.080%
63	18.557	2643	2647	2651	rVB2	35570	48460	1.11%	0.097%
64	18.639	2655	2661	2666	rBV2	115472	205410	4.72%	0.410%
65	18.698	2666	2671	2674	rBV3	43807	78071	1.79%	0.156%
66	18.727	2674	2676	2679	rVB2	34897	33220	0.76%	0.066%
67	18.775	2679	2684	2693	rVB2	116328	207097	4.76%	0.413%
68	18.898	2697	2705	2712	rVB	1693477	2215476	50.92%	4.420%
69	18.969	2714	2717	2720	rBV3	25494	37790	0.87%	0.075%
70	19.022	2720	2726	2728	rBV5	55654	101432	2.33%	0.202%
71	19.051	2728	2731	2735	rVB	129881	160861	3.70%	0.321%

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72	19.110	2737	2741	2744	rBV5	34228	67863	1.56%	0.135%
73	19.233	2756	2762	2765	rBV2	1918719	2946573	67.72%	5.879%
74	19.263	2765	2767	2772	rVV	1763630	1859313	42.73%	3.710%
75	19.339	2776	2780	2787	rVB2	87979	160041	3.68%	0.319%
76	19.445	2795	2798	2805	rBV	76969	113789	2.62%	0.227%
77	19.510	2805	2809	2815	rVB2	76739	123470	2.84%	0.246%
78	19.580	2815	2821	2823	rBV4	153186	250358	5.75%	0.500%
79	19.733	2842	2847	2849	rBV4	115815	183638	4.22%	0.366%
80	19.769	2850	2853	2858	rVB	177737	238690	5.49%	0.476%
81	19.874	2867	2871	2874	rBV2	83332	109678	2.52%	0.219%
82	19.927	2874	2880	2884	rBV2	198650	312151	7.17%	0.623%
83	20.010	2892	2894	2897	rBV3	30491	33256	0.76%	0.066%
84	20.063	2900	2903	2907	rBV	107150	132195	3.04%	0.264%
85	20.110	2908	2911	2917	rVV2	112884	145464	3.34%	0.290%
86	20.286	2937	2941	2945	rBV	288902	308887	7.10%	0.616%
87	20.521	2977	2981	2988	rVB	206672	261024	6.00%	0.521%
88	20.680	3005	3008	3013	rVB3	139219	210532	4.84%	0.420%
89	20.727	3013	3016	3019	rBV	156543	174213	4.00%	0.348%
90	20.763	3019	3022	3024	rBV	123662	165857	3.81%	0.331%
91	20.786	3024	3026	3030	rBV4	179671	239052	5.49%	0.477%
92	21.039	3063	3069	3073	rBV2	2684760	4351320	100.00%	8.682%
93	21.080	3073	3076	3083	rVB	951841	1188167	27.31%	2.371%
94	21.580	3159	3161	3165	rVB	200463	226575	5.21%	0.452%
95	21.892	3211	3214	3219	rVB	683588	812753	18.68%	1.622%
96	22.533	3318	3323	3328	rBV	762355	1789324	41.12%	3.570%
97	22.974	3394	3398	3401	rBV	386803	611345	14.05%	1.220%
98	23.021	3401	3406	3410	rVV	1212779	2063165	47.41%	4.117%
99	23.063	3410	3413	3421	rVB	672071	1143344	26.28%	2.281%
100	23.157	3422	3429	3434	rBV	1611680	2892137	66.47%	5.771%

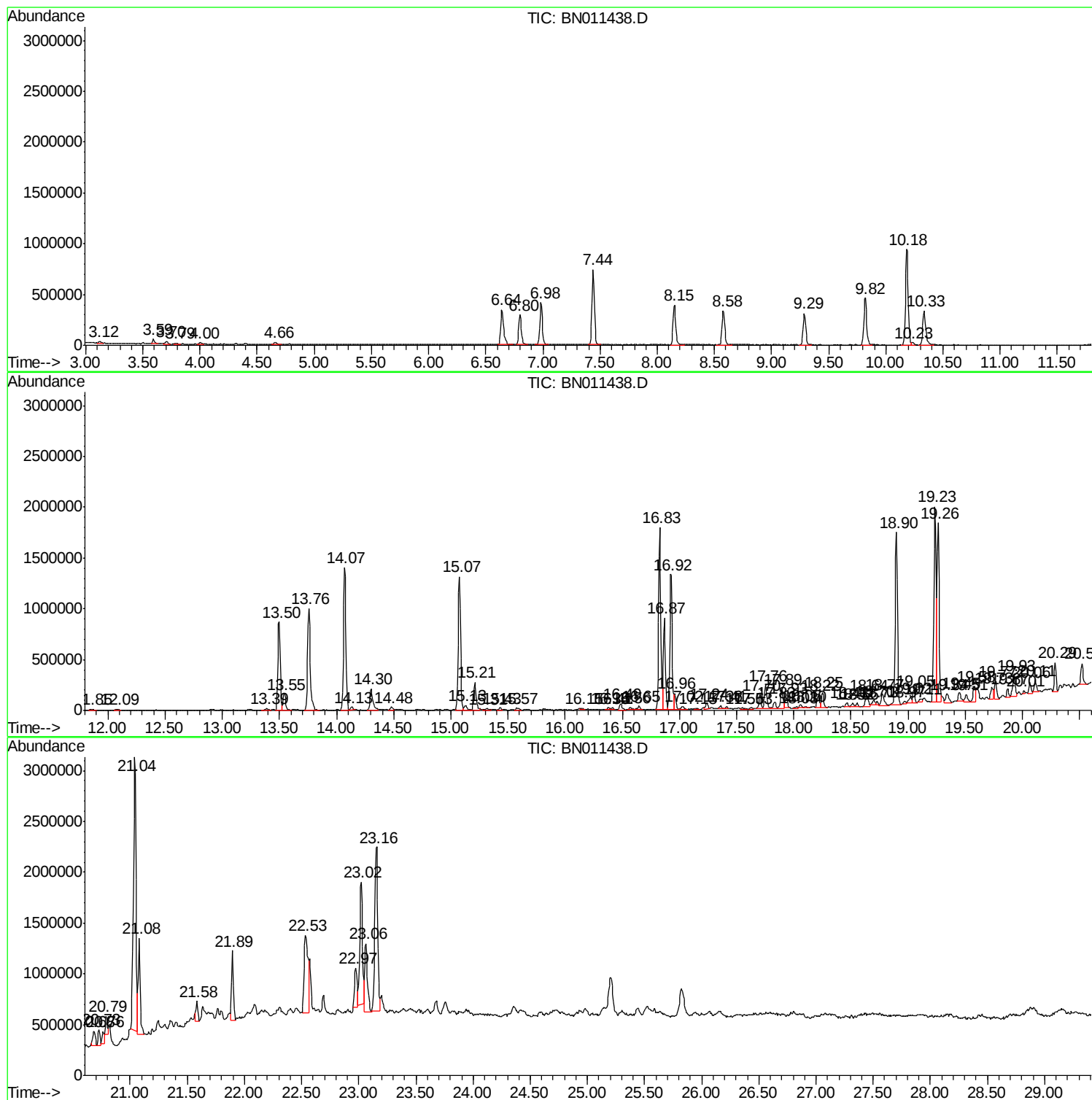
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ClientSampled :
BFMM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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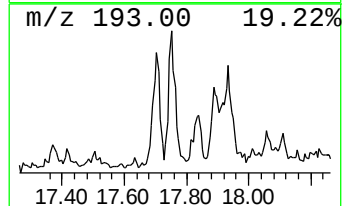
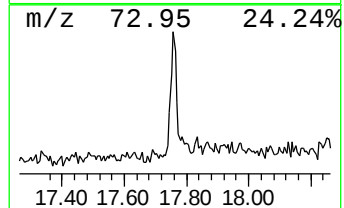
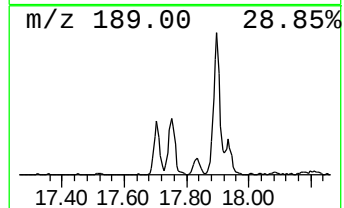
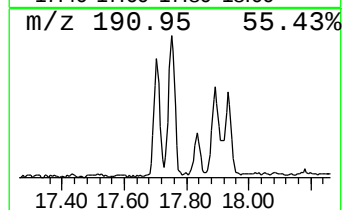
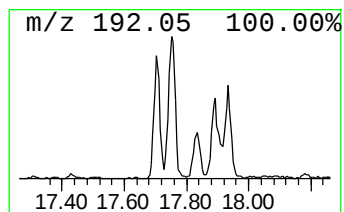
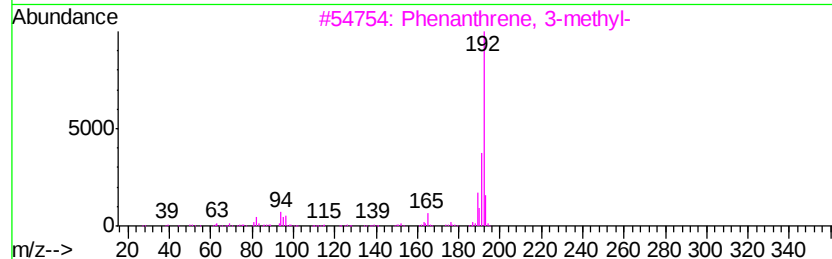
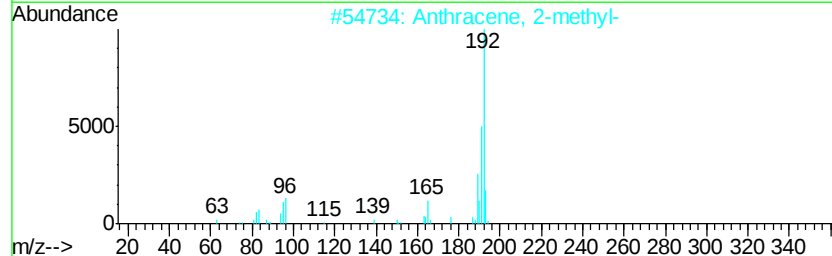
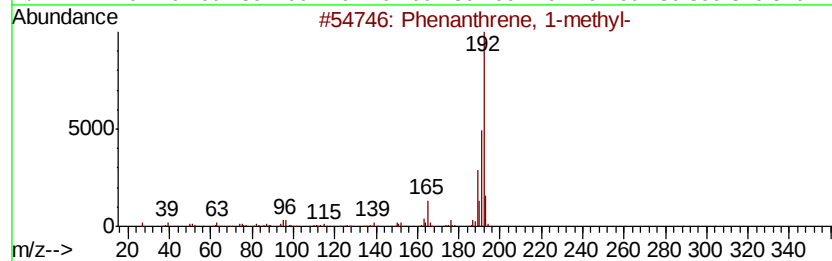
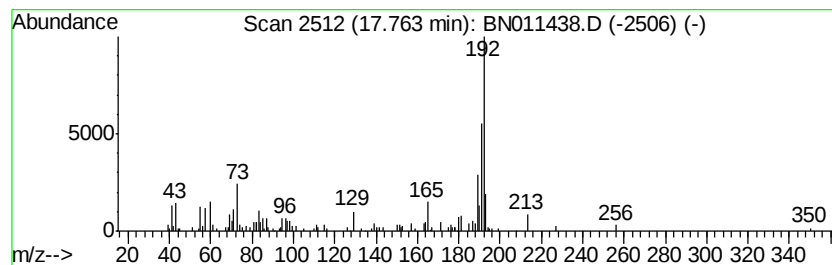
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.76	2.83 ng/ul	349732	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	92



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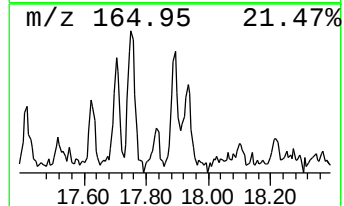
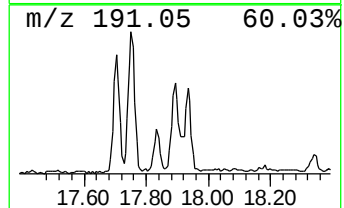
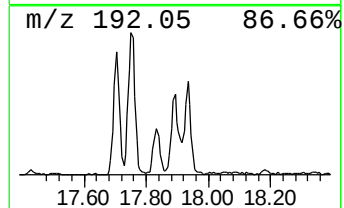
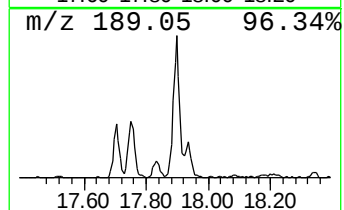
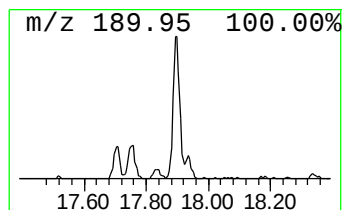
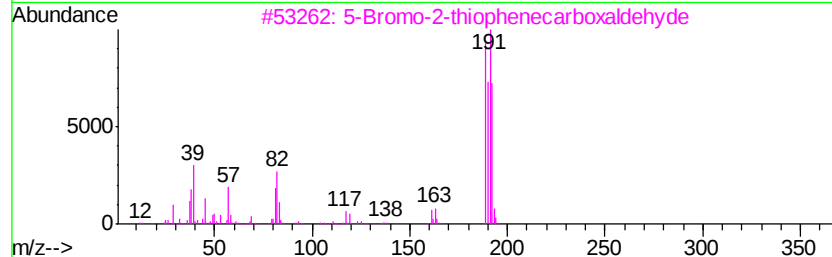
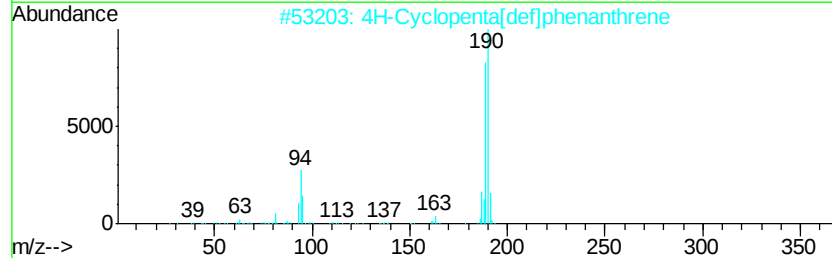
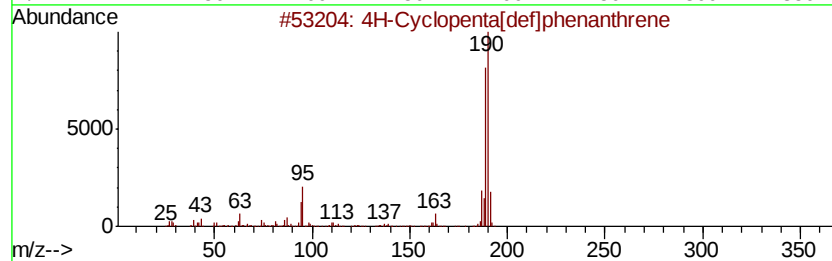
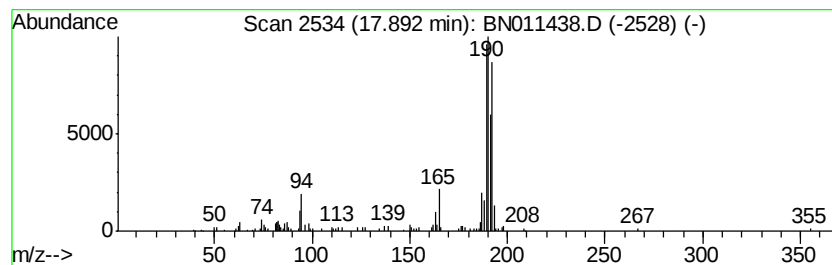
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.47 ng/ul	305481	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		5-Bromo-2-thiophenecarboxaldehyde	190	C5H3BrOS	004701-17-1	50
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42



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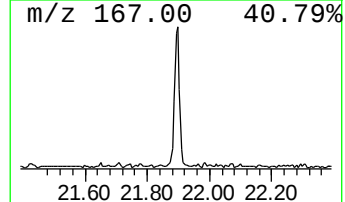
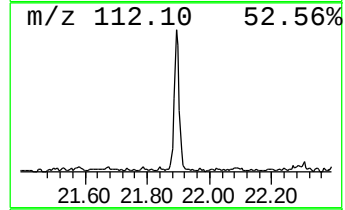
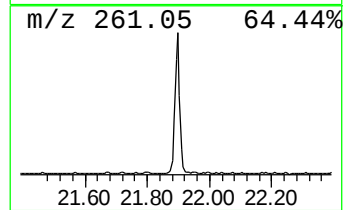
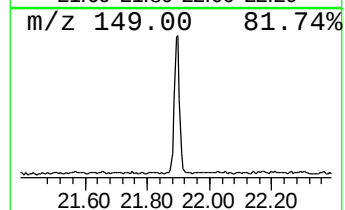
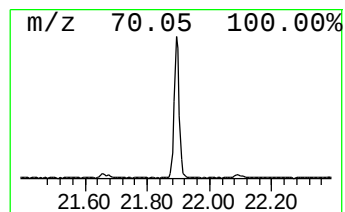
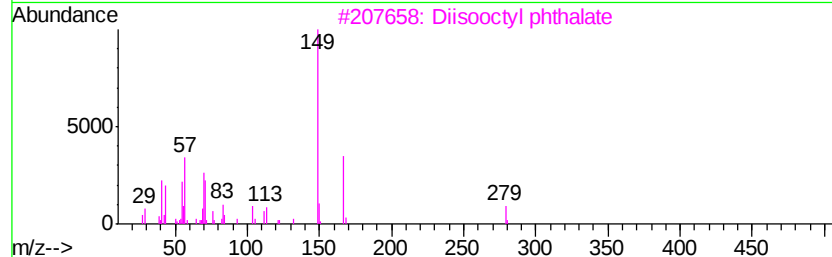
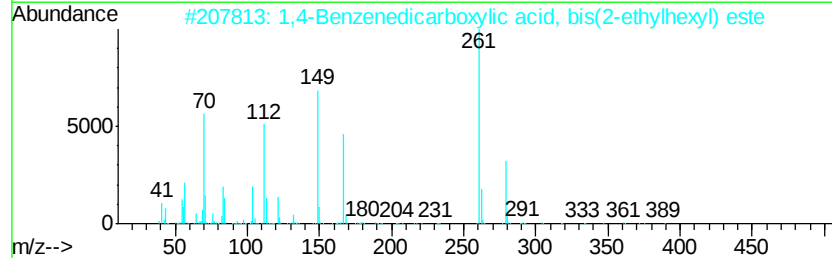
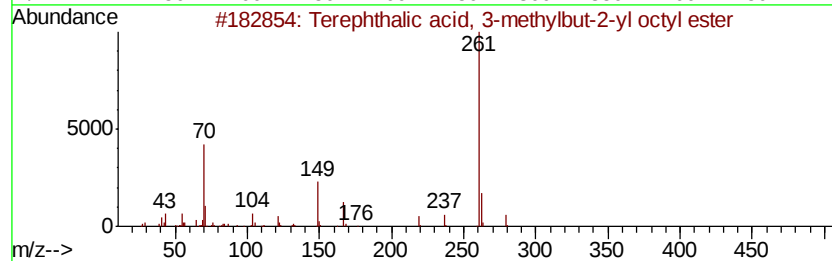
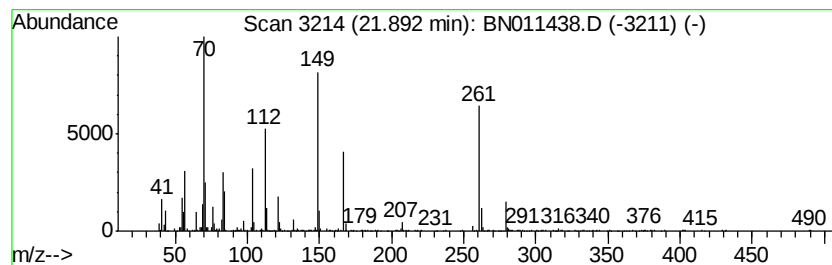
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Terephthalic acid, 3-methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.89	3.74 ng/ul	812753	Chrysene-d12	21.05

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	64
2		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	49
3		Diisooctyl phthalate	390	C24H38O4	000131-20-4	43
4		1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	35
5		Phthalic acid, 6-ethyloct-3-yl 2...	418	C26H42O4	1000315-53-8	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081420\
Data File : BN011438.D
Acq On : 14 Aug 2020 22:24
Operator : CG/JU
Sample : L3631-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1-m...	17.76	2.8	ng/ul	349732	4	16.83	2473660	20.0
4H-Cyclopenta[def...	17.89	2.5	ng/ul	305481	4	16.83	2473660	20.0
Terephthalic acid...	21.89	3.7	ng/ul	812753	5	21.05	4351320	20.0