

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011441.D
 Acq On : 15 Aug 2020 00:11
 Operator : CG/JU
 Sample : L3631-15
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMN1

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	25	rBV	18099	25324	0.66%	0.057%
2	3.505	84	88	92	rBV4	9577	13092	0.34%	0.029%
3	3.593	100	103	111	rVB	44987	56742	1.47%	0.128%
4	3.705	117	122	128	rVB2	27679	44283	1.15%	0.100%
5	3.787	132	136	139	rBV2	11271	15106	0.39%	0.034%
6	4.658	280	284	291	rBV	18577	27679	0.72%	0.062%
7	6.640	611	621	631	rBV2	319136	573839	14.91%	1.290%
8	6.799	641	648	660	rBV	291635	470492	12.23%	1.058%
9	6.981	673	679	689	rBV	456002	712168	18.51%	1.601%
10	7.440	750	757	765	rBV	758473	1170551	30.42%	2.631%
11	8.146	872	877	891	rBV	393880	639710	16.62%	1.438%
12	8.575	944	950	958	rBV	318148	520528	13.53%	1.170%
13	9.287	1065	1071	1081	rBV	299639	472888	12.29%	1.063%
14	9.816	1152	1161	1174	rBV	437521	768892	19.98%	1.728%
15	10.181	1212	1223	1230	rBV	901793	1491484	38.76%	3.352%
16	10.334	1243	1249	1262	rBV	332771	616641	16.02%	1.386%
17	11.781	1490	1495	1502	rVB3	9290	13101	0.34%	0.029%
18	12.081	1542	1546	1556	rVB3	7910	15367	0.40%	0.035%
19	13.381	1763	1767	1773	rBV5	11293	21738	0.56%	0.049%
20	13.498	1780	1787	1791	rVV	892594	1257281	32.67%	2.826%
21	13.545	1791	1795	1802	rVV	171543	255336	6.63%	0.574%
22	13.757	1824	1831	1843	rBV	975138	1462617	38.00%	3.288%
23	14.069	1878	1884	1891	rVV	1402540	1992030	51.76%	4.477%
24	14.134	1891	1895	1901	rVB2	20298	32550	0.85%	0.073%
25	14.304	1918	1924	1935	rBV	205041	381401	9.91%	0.857%
26	14.481	1949	1954	1958	rBV2	18831	29840	0.78%	0.067%
27	15.075	2048	2055	2061	rBV	1339959	1879123	48.83%	4.224%
28	15.128	2061	2064	2070	rVV2	32165	49137	1.28%	0.110%
29	15.210	2073	2078	2085	rVV	264792	362564	9.42%	0.815%
30	15.316	2093	2096	2100	rVV4	10839	17034	0.44%	0.038%
31	15.369	2100	2105	2110	rVB5	15048	19154	0.50%	0.043%
32	15.428	2110	2115	2120	rBV	15968	21611	0.56%	0.049%
33	15.581	2136	2141	2148	rVB3	15427	32750	0.85%	0.074%
34	15.675	2151	2157	2162	rVB6	6322	15332	0.40%	0.034%

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35	15.816	2176	2181	2187	rBV5	9460	21126	0.55%	0.047%
36	16.145	2233	2237	2242	rVV5	11013	20428	0.53%	0.046%
37	16.375	2273	2276	2279	rVV	19062	24887	0.65%	0.056%
38	16.410	2279	2282	2287	rVV4	18515	29216	0.76%	0.066%
39	16.486	2290	2295	2305	rVB	38690	61176	1.59%	0.138%
40	16.575	2305	2310	2315	rBV4	16495	35281	0.92%	0.079%
41	16.645	2318	2322	2326	rVV	22109	35527	0.92%	0.080%
42	16.828	2346	2353	2357	rBV	1673691	2350288	61.07%	5.283%
43	16.869	2357	2360	2364	rVB	596399	723572	18.80%	1.626%
44	16.928	2364	2370	2374	rBV	1272636	1805048	46.90%	4.057%
45	17.028	2381	2387	2392	rVB4	25388	36893	0.96%	0.083%
46	17.239	2413	2423	2427	rBV2	46461	87191	2.27%	0.196%
47	17.281	2427	2430	2433	rVV3	12386	13849	0.36%	0.031%
48	17.357	2439	2443	2448	rVB4	25250	37290	0.97%	0.084%
49	17.416	2448	2453	2458	rBV4	19398	35247	0.92%	0.079%
50	17.551	2473	2476	2483	rVB5	11341	19403	0.50%	0.044%
51	17.628	2484	2489	2492	rBV3	12059	17798	0.46%	0.040%
52	17.704	2492	2502	2506	rBV	118610	185876	4.83%	0.418%
53	17.751	2506	2510	2519	rVV	221547	357866	9.30%	0.804%
54	17.833	2519	2524	2529	rVV2	59510	95512	2.48%	0.215%
55	17.892	2529	2534	2538	rVV2	146168	267224	6.94%	0.601%
56	17.933	2538	2541	2547	rVV2	91269	133066	3.46%	0.299%
57	18.016	2550	2555	2559	rBV7	12891	22939	0.60%	0.052%
58	18.057	2559	2562	2566	rVV4	20969	26647	0.69%	0.060%
59	18.216	2584	2589	2590	rBV	87066	117551	3.05%	0.264%
60	18.333	2607	2609	2613	rBV3	8022	13729	0.36%	0.031%
61	18.463	2628	2631	2636	rVB4	30038	40336	1.05%	0.091%
62	18.516	2636	2640	2643	rBV3	36071	43021	1.12%	0.097%
63	18.551	2643	2646	2652	rVB4	32208	35312	0.92%	0.079%
64	18.639	2653	2661	2666	rBV2	101506	189981	4.94%	0.427%
65	18.704	2666	2672	2674	rBV5	37998	64184	1.67%	0.144%
66	18.728	2674	2676	2680	rVB2	33844	34104	0.89%	0.077%
67	18.775	2680	2684	2692	rVB	83661	148049	3.85%	0.333%
68	18.898	2694	2705	2713	rBV	1163816	1593060	41.39%	3.581%
69	18.975	2713	2718	2720	rBV5	20361	30944	0.80%	0.070%
70	19.010	2720	2724	2727	rVB6	30270	44277	1.15%	0.100%
71	19.051	2727	2731	2735	rVB2	109253	131712	3.42%	0.296%

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72	19.110	2735	2741	2745	rBV4	45599	97607	2.54%	0.219%
73	19.233	2756	2762	2765	rBV	1855511	2703359	70.24%	6.076%
74	19.263	2765	2767	2776	rVB	1021315	1155453	30.02%	2.597%
75	19.339	2776	2780	2788	rVB2	65071	120168	3.12%	0.270%
76	19.451	2792	2799	2802	rBV	89800	150711	3.92%	0.339%
77	19.510	2806	2809	2814	rVB	67373	91829	2.39%	0.206%
78	19.575	2815	2820	2829	rBV4	1061667	1537616	39.95%	3.456%
79	19.733	2843	2847	2849	rBV3	81277	127649	3.32%	0.287%
80	19.769	2850	2853	2856	rVB2	129743	177673	4.62%	0.399%
81	19.827	2860	2863	2867	rVB5	28058	31458	0.82%	0.071%
82	19.875	2867	2871	2874	rBV	73301	91202	2.37%	0.205%
83	19.927	2874	2880	2884	rBV2	163149	252882	6.57%	0.568%
84	20.063	2900	2903	2907	rVB	75488	94758	2.46%	0.213%
85	20.110	2907	2911	2913	rBV	79792	105430	2.74%	0.237%
86	20.333	2946	2949	2951	rBV4	57456	73461	1.91%	0.165%
87	20.522	2977	2981	2988	rVB	145720	202376	5.26%	0.455%
88	20.727	3013	3016	3019	rVB2	110496	126258	3.28%	0.284%
89	20.763	3019	3022	3023	rBV	79741	88711	2.31%	0.199%
90	20.792	3023	3027	3030	rBV3	238866	324616	8.43%	0.730%
91	20.998	3059	3062	3063	rBV	67495	81561	2.12%	0.183%
92	21.039	3063	3069	3073	rVV2	2430322	3848487	100.00%	8.650%
93	21.080	3073	3076	3083	rVB	664916	886409	23.03%	1.992%
94	21.580	3158	3161	3165	rBV3	177713	219011	5.69%	0.492%
95	21.633	3167	3170	3172	rBV2	108085	122128	3.17%	0.275%
96	22.533	3318	3323	3327	rBV2	607517	1260003	32.74%	2.832%
97	22.974	3394	3398	3401	rBV	282143	446723	11.61%	1.004%
98	23.021	3401	3406	3410	rVV	1166198	1969521	51.18%	4.427%
99	23.063	3410	3413	3421	rVB	531898	900786	23.41%	2.025%
100	23.151	3422	3428	3434	rBV2	1627795	2794983	72.63%	6.282%

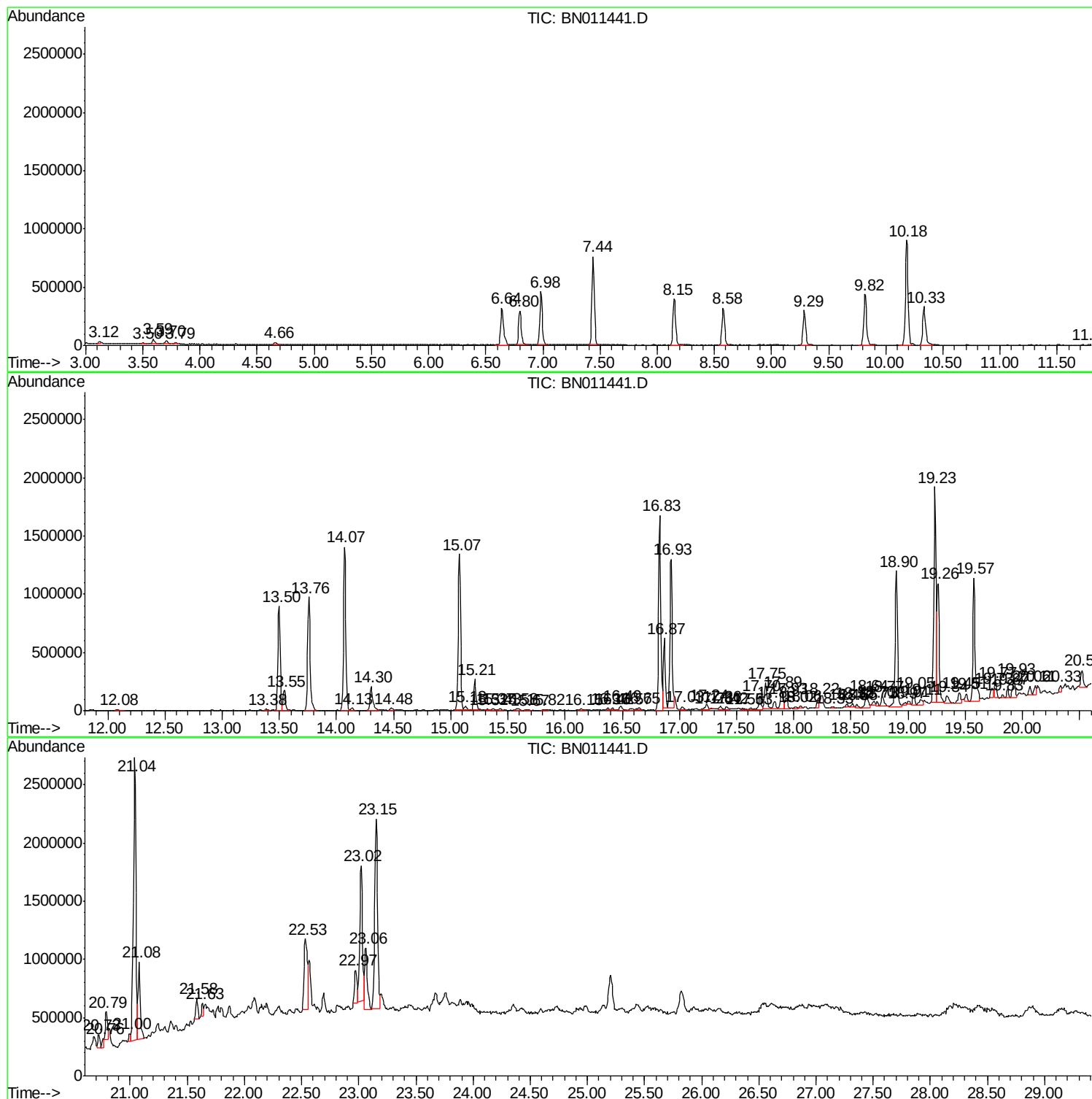
Sum of corrected areas: 44489824

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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



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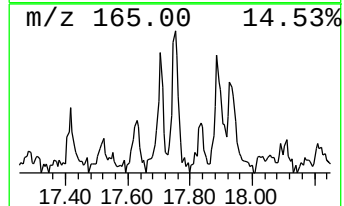
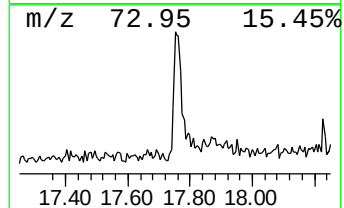
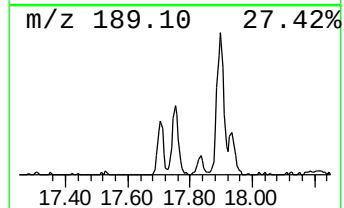
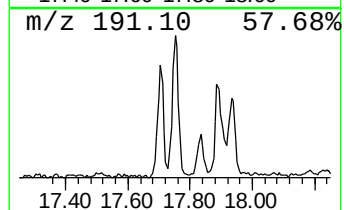
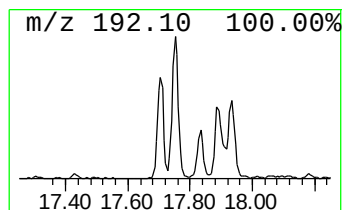
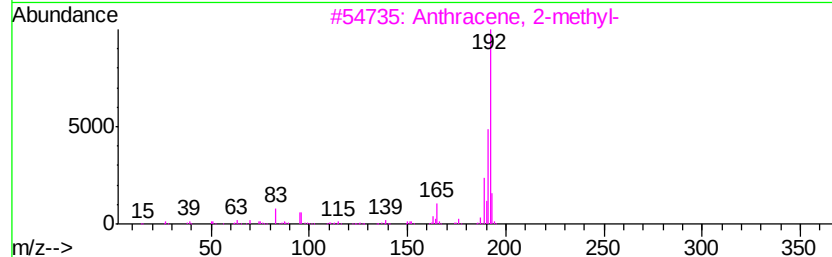
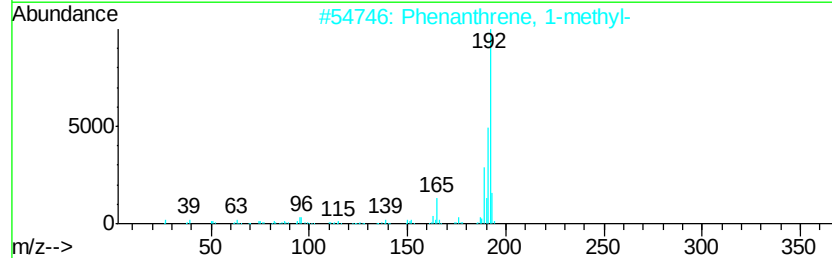
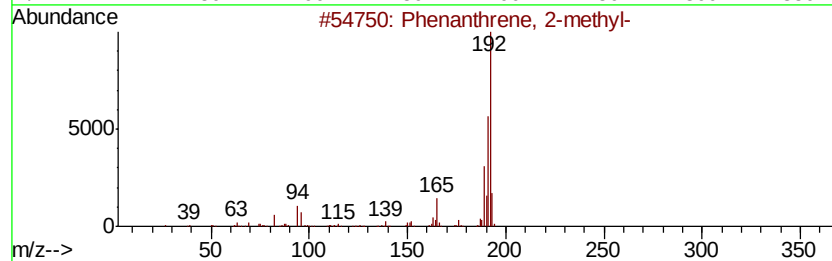
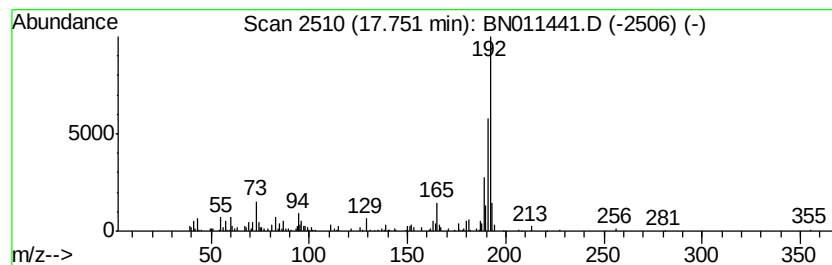
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.75	3.05 ng/ul	357866	Phenanthrene-d10	16.83

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



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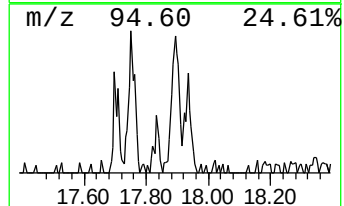
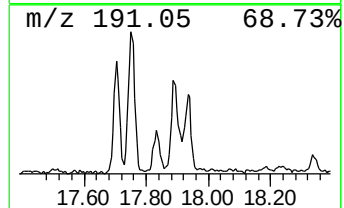
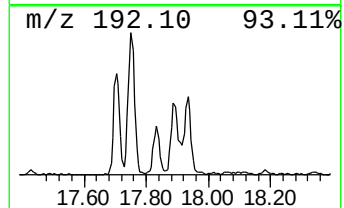
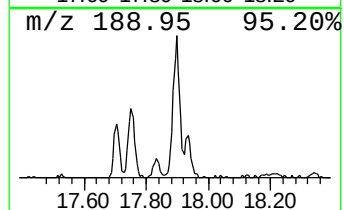
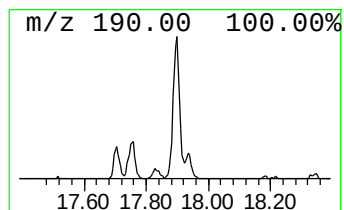
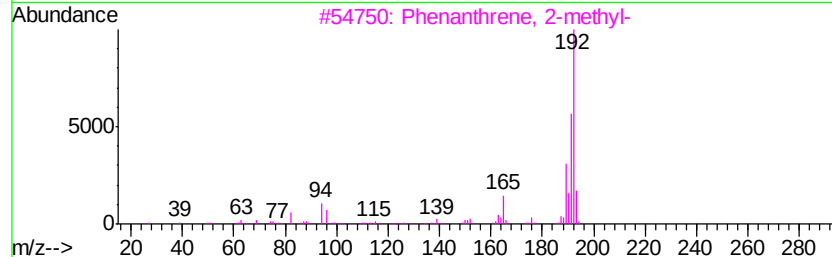
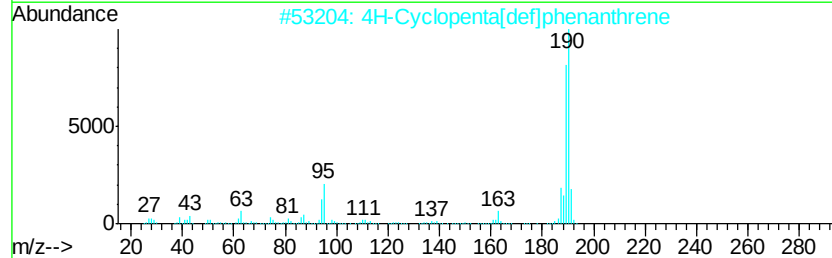
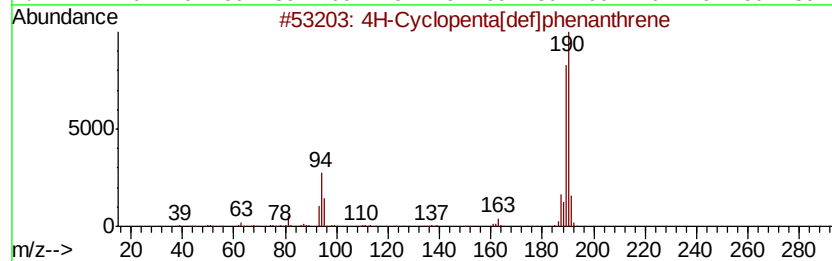
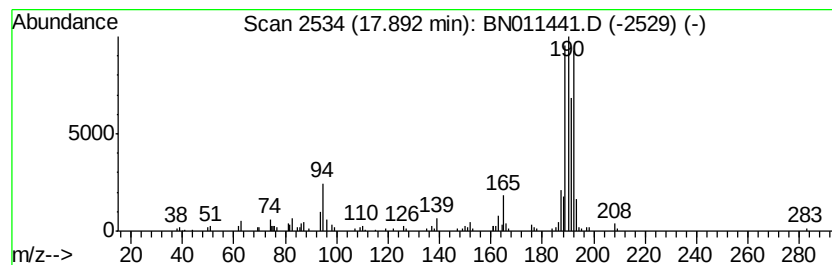
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.27 ng/ul	267224	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
4		5H-Dibenzof[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



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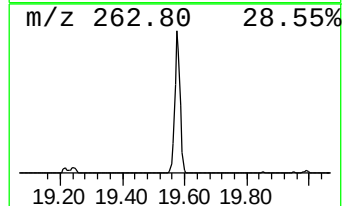
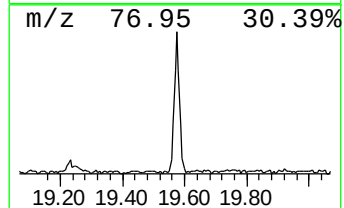
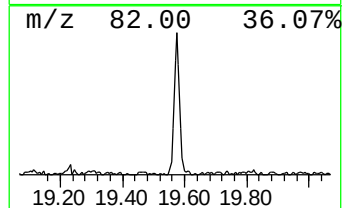
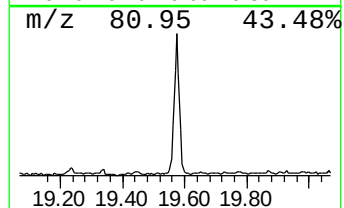
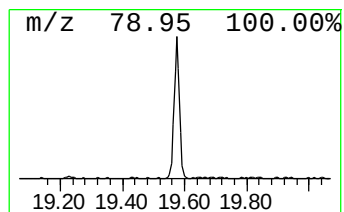
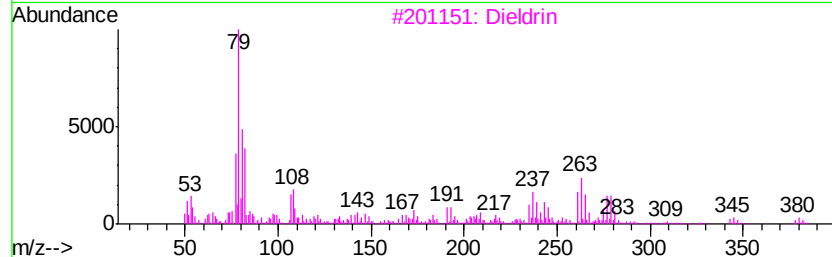
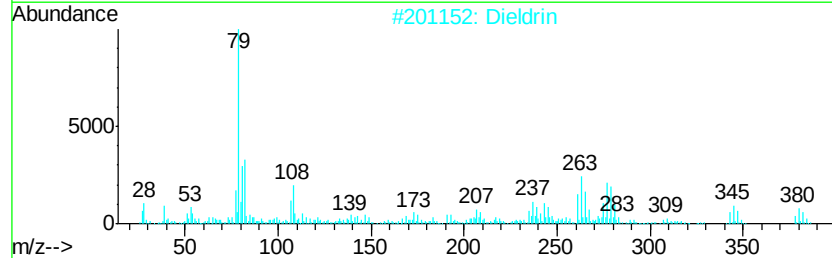
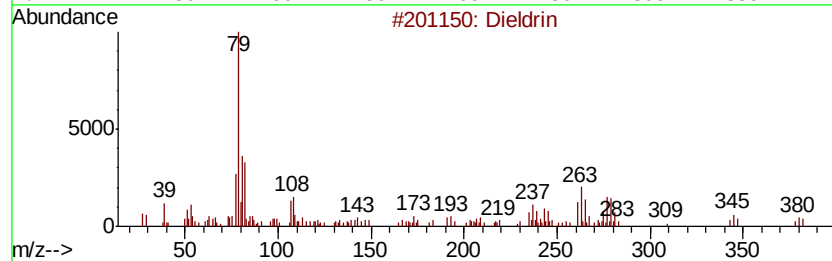
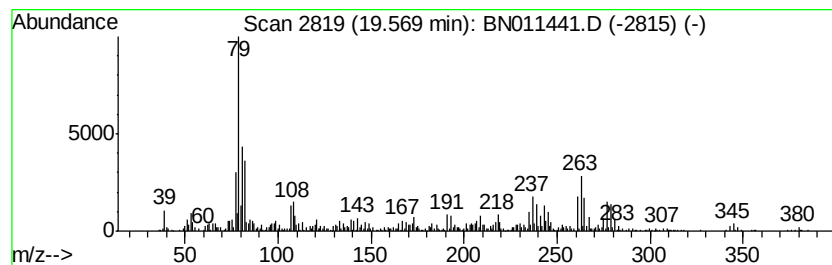
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Peak Number 3 Dieldrin Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.57	7.99 ng/ul	1537620	Chrysene-d12	21.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dieldrin	378	C12H8Cl6O	000060-57-1	98
2		Dieldrin	378	C12H8Cl6O	000060-57-1	97
3		Dieldrin	378	C12H8Cl6O	000060-57-1	95
4		Dieldrin	378	C12H8Cl6O	000060-57-1	94
5		1,2,3,4,10,10-Hexachloro-6,7-epo...	378	C12H8Cl6O	056816-04-7	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081420\
Data File : BN011441.D
Acq On : 15 Aug 2020 00:11
Operator : CG/JU
Sample : L3631-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMN1

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, 2-m...	17.75	3.0	ng/ul	357866	4	16.83	2350290	20.0
4H-Cyclopenta[def...	17.89	2.3	ng/ul	267224	4	16.83	2350290	20.0
Dieldrin	19.57	8.0	ng/ul	1537620	5	21.04	3848490	20.0