

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081420\
 Data File : BN011442.D
 Acq On : 15 Aug 2020 00:47
 Operator : CG/JU
 Sample : L3631-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFMN3

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	3.117	20	22	28	rBV2	18802	32297	0.93%	0.074%
2	3.505	84	88	93	rVB4	12265	17944	0.52%	0.041%
3	3.593	99	103	111	rVB	51860	64535	1.86%	0.147%
4	3.705	118	122	130	rVB	31265	47492	1.37%	0.108%
5	4.658	280	284	291	rVB	13768	21431	0.62%	0.049%
6	6.640	615	621	633	rBV2	333966	591123	17.05%	1.347%
7	6.799	640	648	658	rBV	280198	450596	13.00%	1.027%
8	6.981	673	679	688	rVB	442119	680128	19.62%	1.550%
9	7.440	750	757	766	rBV	616984	939021	27.09%	2.140%
10	8.146	871	877	887	rBV	447835	729297	21.04%	1.662%
11	8.575	944	950	962	rBV	319586	529996	15.29%	1.208%
12	9.287	1063	1071	1080	rBV	291082	462153	13.33%	1.053%
13	9.816	1153	1161	1179	rBV	453575	788434	22.75%	1.797%
14	10.181	1216	1223	1229	rBV	760260	1277606	36.86%	2.912%
15	10.228	1229	1231	1236	rVB2	28699	41269	1.19%	0.094%
16	10.334	1243	1249	1263	rBV	329050	620669	17.91%	1.415%
17	11.857	1502	1508	1513	rBV2	19785	36331	1.05%	0.083%
18	12.081	1541	1546	1550	rVV	15638	24705	0.71%	0.056%
19	13.387	1764	1768	1774	rBV3	16826	29102	0.84%	0.066%
20	13.493	1781	1786	1791	rVV	956481	1364307	39.36%	3.110%
21	13.540	1791	1794	1800	rVV	180111	263126	7.59%	0.600%
22	13.757	1825	1831	1842	rBV	1005739	1519650	43.84%	3.464%
23	14.069	1876	1884	1891	rVV	1277497	1869766	53.94%	4.262%
24	14.134	1891	1895	1902	rVV	62964	89907	2.59%	0.205%
25	14.298	1917	1923	1934	rBV	240040	430932	12.43%	0.982%
26	14.387	1936	1938	1944	rVV4	13036	19527	0.56%	0.045%
27	14.475	1947	1953	1960	rVV2	56393	91555	2.64%	0.209%
28	15.075	2048	2055	2060	rBV	1334151	1848748	53.34%	4.214%
29	15.128	2060	2064	2071	rVV2	87326	126422	3.65%	0.288%
30	15.210	2072	2078	2084	rVV	297646	416618	12.02%	0.950%
31	15.304	2092	2094	2099	rVV5	12379	22119	0.64%	0.050%
32	15.428	2110	2115	2120	rBV	36980	50700	1.46%	0.116%
33	15.575	2136	2140	2147	rVB2	38770	71764	2.07%	0.164%
34	16.140	2225	2236	2242	rBV6	20497	62623	1.81%	0.143%

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35	16.187	2242	2244	2251	rVB4	13256	17425	0.50%	0.040%
36	16.375	2272	2276	2279	rBV3	18734	24163	0.70%	0.055%
37	16.416	2279	2283	2286	rVB4	17430	20157	0.58%	0.046%
38	16.487	2289	2295	2303	rVB	47479	80532	2.32%	0.184%
39	16.563	2303	2308	2309	rBV2	24731	24408	0.70%	0.056%
40	16.645	2317	2322	2328	rVV	42147	69046	1.99%	0.157%
41	16.828	2346	2353	2356	rBV	1471752	2063792	59.54%	4.704%
42	16.869	2356	2360	2364	rVV	958316	1261231	36.39%	2.875%
43	16.922	2364	2369	2374	rVV2	1451260	2139098	61.72%	4.876%
44	16.957	2374	2375	2382	rVV	222437	199432	5.75%	0.455%
45	17.028	2382	2387	2392	rVV3	32757	48901	1.41%	0.111%
46	17.210	2413	2418	2419	rBV4	27714	32427	0.94%	0.074%
47	17.234	2419	2422	2427	rVV	82132	121169	3.50%	0.276%
48	17.281	2427	2430	2436	rVB7	15890	25064	0.72%	0.057%
49	17.351	2439	2442	2448	rBV4	20976	31925	0.92%	0.073%
50	17.410	2448	2452	2456	rBV7	19948	31552	0.91%	0.072%
51	17.551	2472	2476	2480	rVB6	11242	17821	0.51%	0.041%
52	17.704	2495	2502	2506	rBV2	145008	209769	6.05%	0.478%
53	17.751	2506	2510	2518	rVV	240245	342064	9.87%	0.780%
54	17.834	2518	2524	2528	rVV2	78611	112187	3.24%	0.256%
55	17.892	2528	2534	2538	rVV2	166834	297141	8.57%	0.677%
56	17.934	2538	2541	2546	rVB	92058	130351	3.76%	0.297%
57	18.010	2551	2554	2558	rBV5	13329	21233	0.61%	0.048%
58	18.057	2558	2562	2566	rVB4	25117	31644	0.91%	0.072%
59	18.104	2567	2570	2574	rVB5	13777	18829	0.54%	0.043%
60	18.216	2584	2589	2592	rBV	95021	139596	4.03%	0.318%
61	18.251	2592	2595	2600	rVB2	80559	107752	3.11%	0.246%
62	18.463	2627	2631	2635	rVB2	33432	44621	1.29%	0.102%
63	18.510	2635	2639	2643	rBV4	36363	47856	1.38%	0.109%
64	18.551	2643	2646	2651	rVB2	41406	57151	1.65%	0.130%
65	18.639	2651	2661	2665	rBV2	107666	201364	5.81%	0.459%
66	18.698	2667	2671	2674	rBV5	37816	60950	1.76%	0.139%
67	18.728	2674	2676	2679	rVB	38672	39485	1.14%	0.090%
68	18.775	2679	2684	2693	rVB2	89249	177683	5.13%	0.405%
69	18.898	2693	2705	2713	rBV	1350509	1885313	54.39%	4.297%
70	18.969	2713	2717	2720	rBV3	22830	35404	1.02%	0.081%
71	18.998	2720	2722	2727	rVB4	29334	42528	1.23%	0.097%

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72	19.051	2727	2731	2734	rBV	57557	63652	1.84%	0.145%
73	19.122	2734	2743	2744	rBV7	43455	98116	2.83%	0.224%
74	19.233	2756	2762	2765	rBV	1955846	2830841	81.67%	6.452%
75	19.263	2765	2767	2776	rVV	1000330	1144979	33.03%	2.610%
76	19.339	2776	2780	2788	rVB2	70928	137980	3.98%	0.315%
77	19.445	2794	2798	2804	rBV	90001	143814	4.15%	0.328%
78	19.510	2805	2809	2814	rVB	66252	101734	2.94%	0.232%
79	19.575	2816	2820	2823	rBV3	148407	231168	6.67%	0.527%
80	19.733	2843	2847	2850	rBV6	79883	157000	4.53%	0.358%
81	19.769	2850	2853	2858	rVB	171100	221426	6.39%	0.505%
82	19.869	2866	2870	2873	rBV2	94609	117318	3.38%	0.267%
83	19.922	2875	2879	2884	rVV3	158251	246306	7.11%	0.561%
84	20.010	2892	2894	2898	rBV3	27959	36927	1.07%	0.084%
85	20.063	2900	2903	2908	rVV	94502	101973	2.94%	0.232%
86	20.116	2908	2912	2916	rVV2	73487	108381	3.13%	0.247%
87	20.333	2946	2949	2950	rBV3	40754	39479	1.14%	0.090%
88	20.522	2977	2981	2986	rBV	130628	172179	4.97%	0.392%
89	20.686	3005	3009	3013	rVB2	84442	126559	3.65%	0.288%
90	20.728	3013	3016	3018	rBV2	120053	115592	3.33%	0.263%
91	20.763	3019	3022	3023	rBV	58801	66871	1.93%	0.152%
92	20.792	3023	3027	3030	rBV4	231778	324340	9.36%	0.739%
93	21.039	3063	3069	3073	rBV2	2171617	3466074	100.00%	7.900%
94	21.080	3073	3076	3084	rVB	612509	805759	23.25%	1.837%
95	21.580	3159	3161	3165	rVB	171238	188245	5.43%	0.429%
96	22.533	3318	3323	3327	rBV	592917	1274246	36.76%	2.904%
97	22.974	3394	3398	3401	rBV	216570	364746	10.52%	0.831%
98	23.022	3401	3406	3410	rVV	1277273	2099550	60.57%	4.786%
99	23.063	3410	3413	3421	rVB	444753	802511	23.15%	1.829%
100	23.151	3422	3428	3434	rBV2	1368208	2441775	70.45%	5.566%

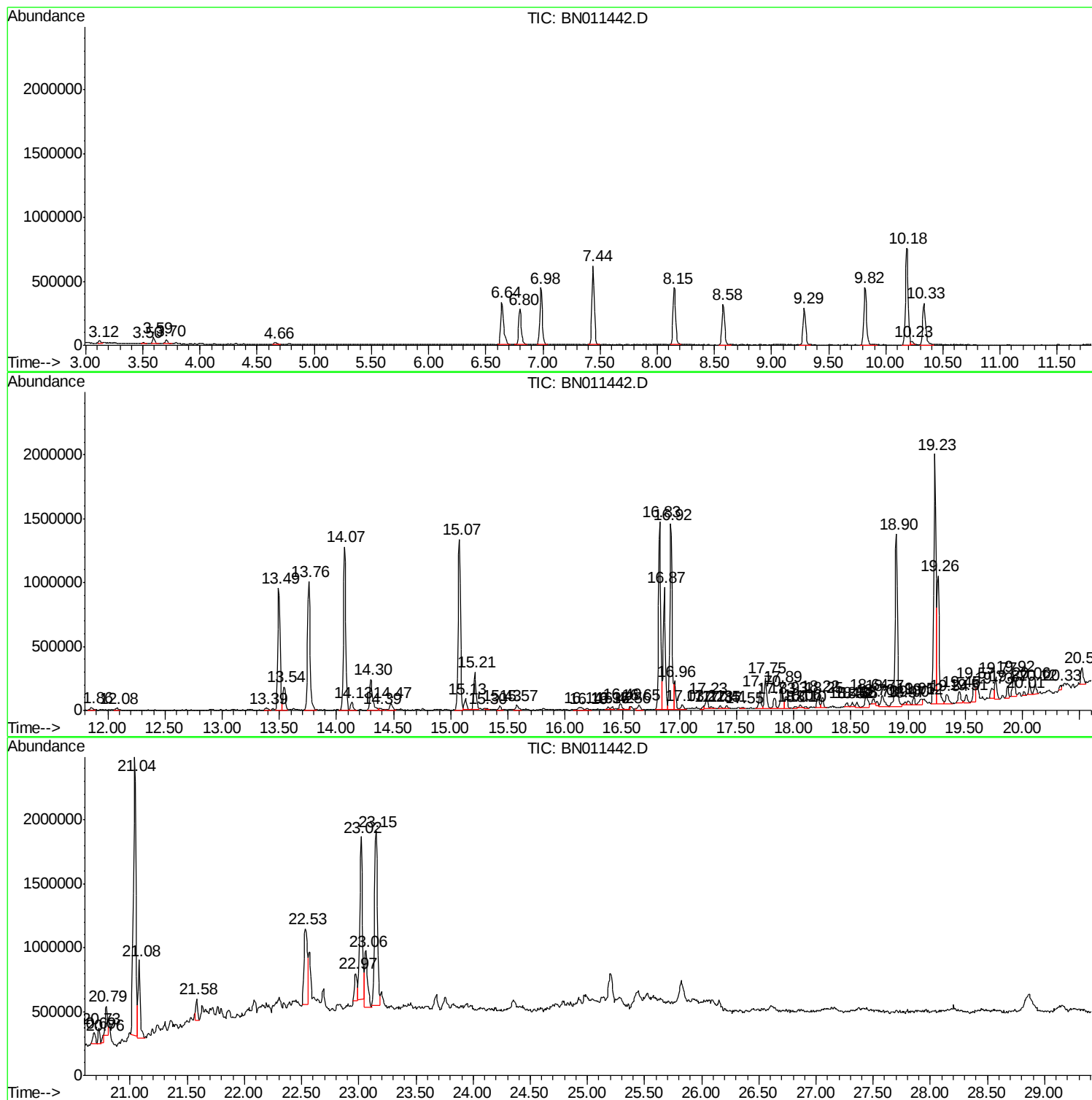
Sum of corrected areas: 43872498

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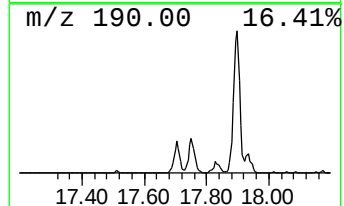
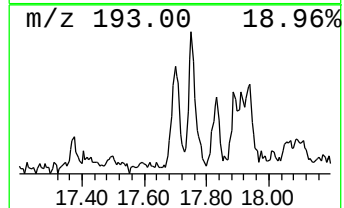
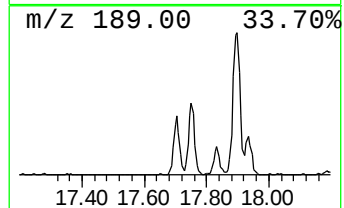
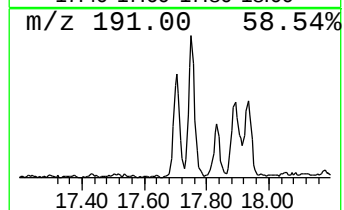
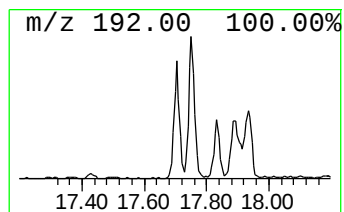
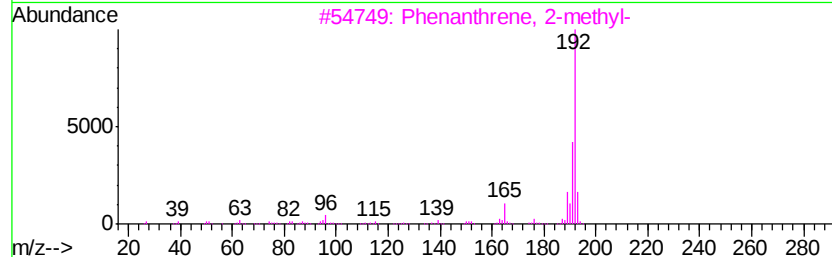
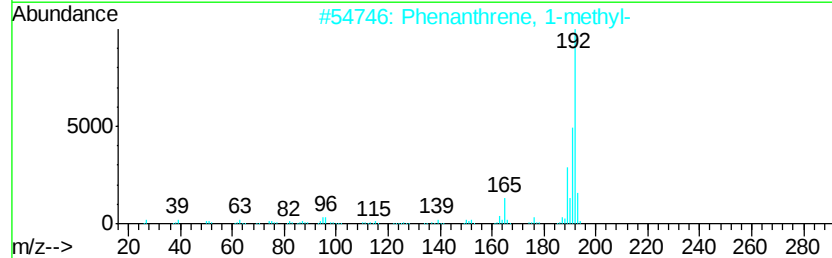
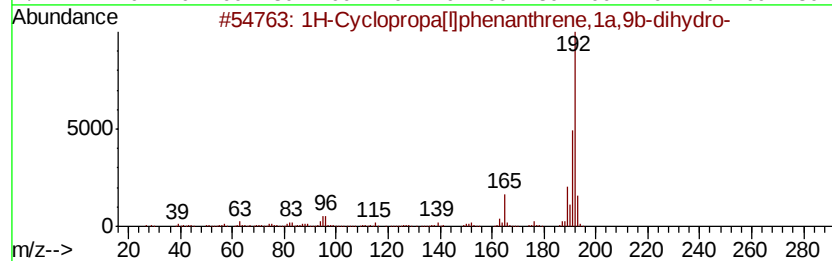
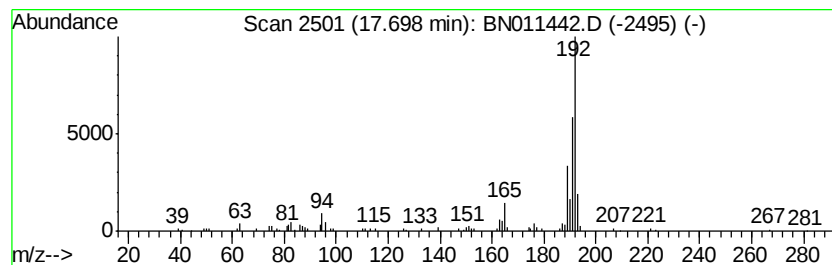
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.03 ng/ul	209769	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Cyclopropa[l]phenanthrene, 1a, ...	192	C15H12	000949-41-7	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



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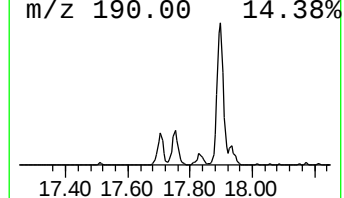
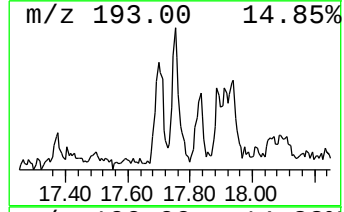
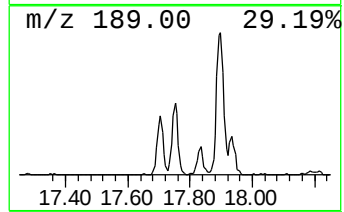
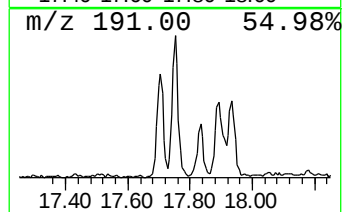
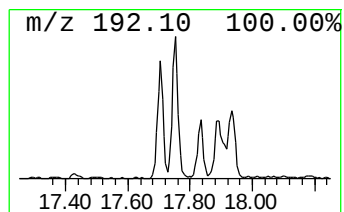
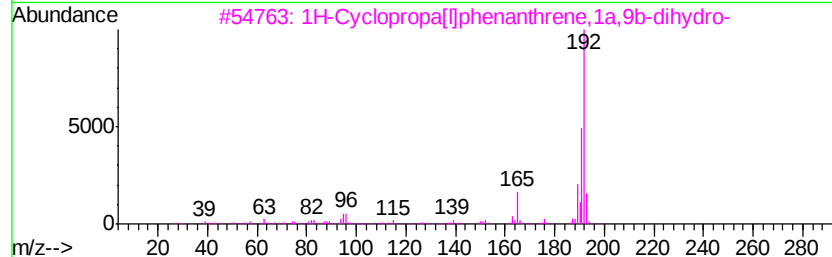
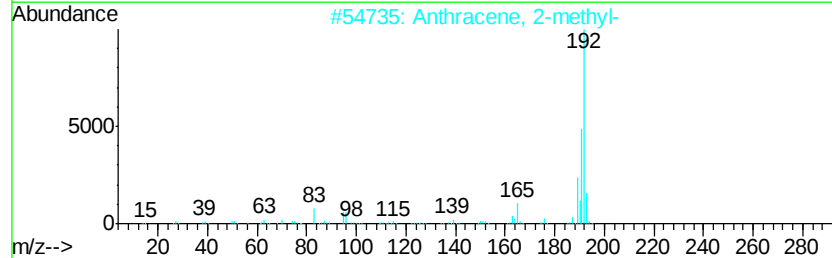
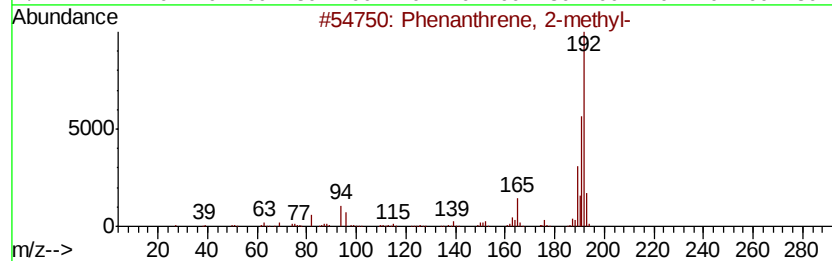
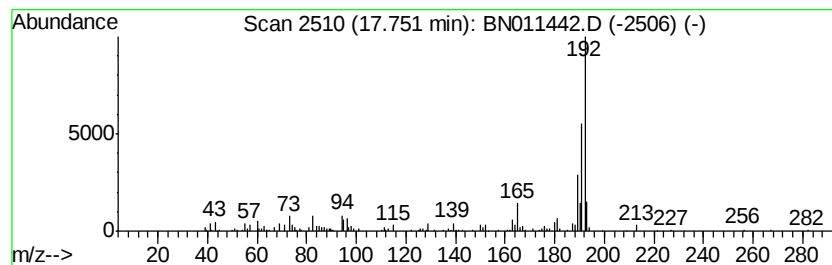
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.75	3.31 ng/ul	342064	Phenanthrene-d10	16.83	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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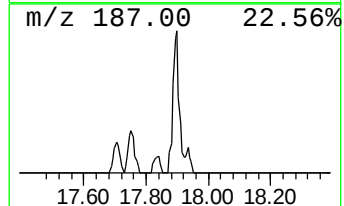
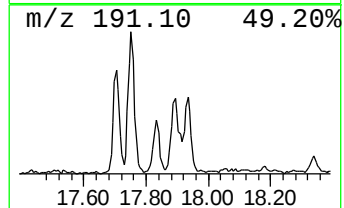
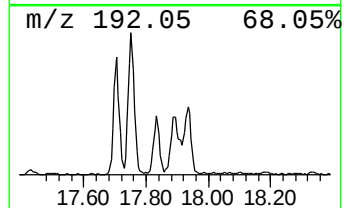
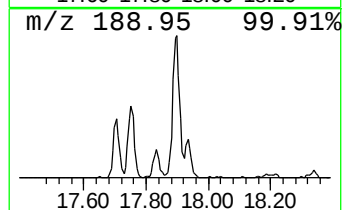
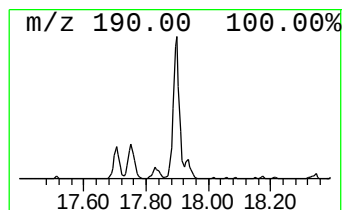
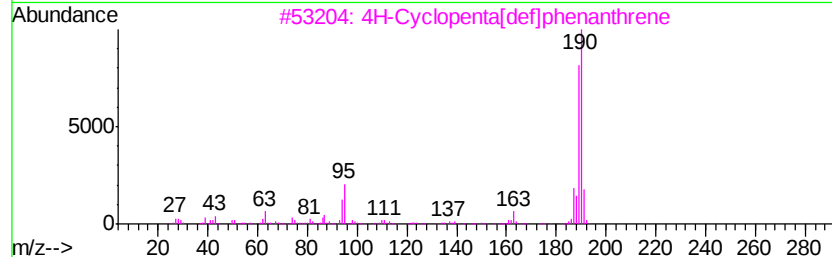
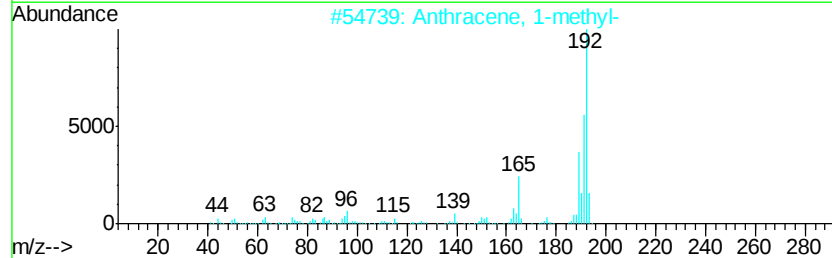
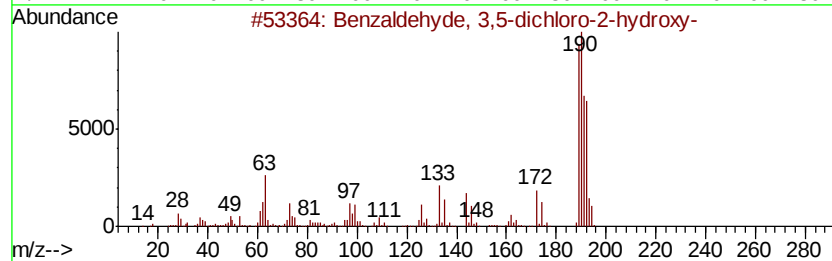
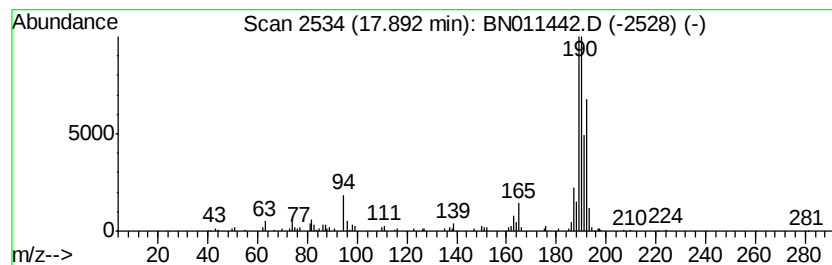
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	2.88 ng/ul	297141	Phenanthrene-d10	16.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081420\
Data File : BN011442.D
Acq On : 15 Aug 2020 00:47
Operator : CG/JU
Sample : L3631-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFMN3

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
1H-Cyclopropa[1]p...	17.70	2.0	ng/ul	209769	4	16.83	2063790	20.0
Phenanthrene, 2-m...	17.75	3.3	ng/ul	342064	4	16.83	2063790	20.0
Benzaldehyde, 3,5...	17.89	2.9	ng/ul	297141	4	16.83	2063790	20.0