

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121420\
 Data File : BP004278.D
 Acq On : 14 Dec 2020 17:28
 Operator : CG/JU
 Sample : L5000-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A54A4

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_P\METHODS\SOM-EPA-BP121020MA.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	5.928	462	466	474	rVB2	36712	60228	0.79%	0.078%
2	7.005	643	649	659	rVB	690517	1167079	15.40%	1.508%
3	7.169	671	677	686	rVB	521107	825720	10.90%	1.067%
4	7.375	705	712	718	rBV	707974	1162739	15.35%	1.502%
5	7.434	718	722	735	rVB	75360	145910	1.93%	0.188%
6	7.840	783	791	798	rBV	1177151	1904121	25.13%	2.460%
7	8.546	904	911	920	rBV	788367	1318962	17.41%	1.704%
8	8.657	926	930	935	rBV5	8279	14495	0.19%	0.019%
9	8.993	981	987	996	rBV	648119	1085837	14.33%	1.403%
10	9.163	1014	1016	1023	rVB8	8209	10086	0.13%	0.013%
11	9.428	1056	1061	1067	rVB	28903	46881	0.62%	0.061%
12	9.716	1103	1110	1121	rBV	494605	860513	11.36%	1.112%
13	10.257	1194	1202	1213	rBV	920965	1581802	20.88%	2.043%
14	10.416	1226	1229	1233	rVB6	5483	8088	0.11%	0.010%
15	10.640	1259	1267	1274	rBV	1664059	2829391	37.34%	3.655%
16	10.687	1274	1275	1281	rVV2	25090	27933	0.37%	0.036%
17	10.769	1281	1289	1304	rVV	600645	1084154	14.31%	1.401%
18	10.993	1323	1327	1332	rBV4	9274	14813	0.20%	0.019%
19	11.175	1354	1358	1362	rVB2	10646	17004	0.22%	0.022%
20	11.234	1362	1368	1374	rBV4	10112	20033	0.26%	0.026%
21	11.428	1393	1401	1409	rBV4	9424	29496	0.39%	0.038%
22	11.551	1417	1422	1427	rBV8	3332	7722	0.10%	0.010%
23	11.675	1439	1443	1448	rVB7	5081	7863	0.10%	0.010%
24	12.075	1505	1511	1515	rBV8	6010	10459	0.14%	0.014%
25	12.128	1517	1520	1529	rVV9	7795	21152	0.28%	0.027%
26	12.228	1529	1537	1543	rVB2	18204	37294	0.49%	0.048%
27	12.304	1545	1550	1556	rVB	16938	27233	0.36%	0.035%
28	12.522	1582	1587	1593	rBV	21948	33800	0.45%	0.044%
29	12.839	1637	1641	1649	rVB4	13142	19395	0.26%	0.025%
30	13.092	1680	1684	1689	rBV3	17675	26813	0.35%	0.035%
31	13.316	1718	1722	1727	rVB4	21199	26717	0.35%	0.035%
32	13.387	1727	1734	1739	rBV5	23301	41882	0.55%	0.054%
33	13.457	1743	1746	1748	rVB4	8650	8168	0.11%	0.011%
34	13.516	1751	1756	1759	rBV5	7346	10338	0.14%	0.013%

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35	13.651	1772	1779	1780	rBV5	14199	20974	0.28%	0.027%
36	13.728	1788	1792	1795	rBV6	4874	7842	0.10%	0.010%
37	13.810	1799	1806	1811	rBV	34730	61892	0.82%	0.080%
38	13.892	1811	1820	1825	rVV	1621581	2268219	29.93%	2.930%
39	13.939	1825	1828	1833	rVB	409480	537306	7.09%	0.694%
40	14.045	1843	1846	1850	rVB3	13755	18242	0.24%	0.024%
41	14.134	1858	1861	1862	rBV2	9546	9138	0.12%	0.012%
42	14.181	1862	1869	1880	rVB	2032395	3082511	40.68%	3.982%
43	14.392	1902	1905	1909	rVB4	14394	18963	0.25%	0.024%
44	14.486	1913	1921	1928	rVV	2503929	3907726	51.57%	5.048%
45	14.551	1928	1932	1940	rVB	134357	208614	2.75%	0.269%
46	14.616	1940	1943	1947	rBV3	11706	12363	0.16%	0.016%
47	14.686	1949	1955	1966	rBV	528996	820413	10.83%	1.060%
48	14.798	1971	1974	1977	rVV2	19384	30064	0.40%	0.039%
49	14.834	1977	1980	1985	rVV	31785	53545	0.71%	0.069%
50	14.892	1985	1990	1998	rVV	76247	130270	1.72%	0.168%
51	14.969	1999	2003	2008	rVB	19922	28803	0.38%	0.037%
52	15.110	2024	2027	2033	rBV2	18453	29825	0.39%	0.039%
53	15.163	2033	2036	2041	rVB	16994	22364	0.30%	0.029%
54	15.286	2050	2057	2059	rBV6	24626	44524	0.59%	0.058%
55	15.351	2065	2068	2073	rVB4	12404	16826	0.22%	0.022%
56	15.486	2084	2091	2097	rBV	2530412	3614671	47.70%	4.670%
57	15.539	2097	2100	2107	rVB	144367	197949	2.61%	0.256%
58	15.616	2108	2113	2118	rBV	121853	192024	2.53%	0.248%
59	15.669	2120	2122	2125	rVB	24940	21164	0.28%	0.027%
60	15.710	2125	2129	2135	rBV5	28995	66084	0.87%	0.085%
61	15.833	2147	2150	2157	rBV	45435	71542	0.94%	0.092%
62	15.986	2172	2176	2183	rVB2	46612	86737	1.14%	0.112%
63	16.222	2212	2216	2222	rVB6	32814	50875	0.67%	0.066%
64	16.904	2328	2332	2338	rVB2	93130	154388	2.04%	0.199%
65	17.069	2356	2360	2368	rVB	100995	139030	1.83%	0.180%
66	17.251	2385	2391	2395	rBV	3099321	4544221	59.97%	5.870%
67	17.292	2395	2398	2403	rVV	1864788	2583982	34.10%	3.338%
68	17.351	2403	2408	2412	rVV	2713497	4039830	53.32%	5.219%
69	17.386	2412	2414	2419	rVB	442978	480910	6.35%	0.621%
70	17.439	2420	2423	2428	rVB3	56758	93755	1.24%	0.121%
71	17.651	2456	2459	2464	rVB	143286	182216	2.40%	0.235%

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72	18.122	2535	2539	2544	rBV	274656	505196	6.67%	0.653%
73	18.169	2544	2547	2552	rVB	370485	487624	6.44%	0.630%
74	18.251	2557	2561	2564	rVB	129171	172812	2.28%	0.223%
75	18.310	2566	2571	2575	rBV2	393168	716962	9.46%	0.926%
76	18.604	2618	2621	2624	rBV	185984	223126	2.94%	0.288%
77	18.645	2625	2628	2632	rVB	177676	206938	2.73%	0.267%
78	19.269	2729	2734	2739	rVB	3095104	3996011	52.74%	5.162%
79	19.592	2784	2789	2792	rBV	3784602	5733074	75.66%	7.406%
80	19.621	2792	2794	2801	rVB	2664793	3024026	39.91%	3.907%
81	21.257	3069	3072	3076	rVB	1117321	1240715	16.37%	1.603%
82	21.345	3081	3087	3091	rVV2	4297541	7577153	100.00%	9.788%
83	21.380	3091	3093	3101	rVB	1342796	1796423	23.71%	2.321%
84	22.998	3364	3368	3373	rBV	1053814	2204870	29.10%	2.848%
85	23.562	3460	3464	3469	rBV	1860416	3074258	40.57%	3.971%
86	23.715	3486	3490	3496	rVB	2245643	4106217	54.19%	5.305%

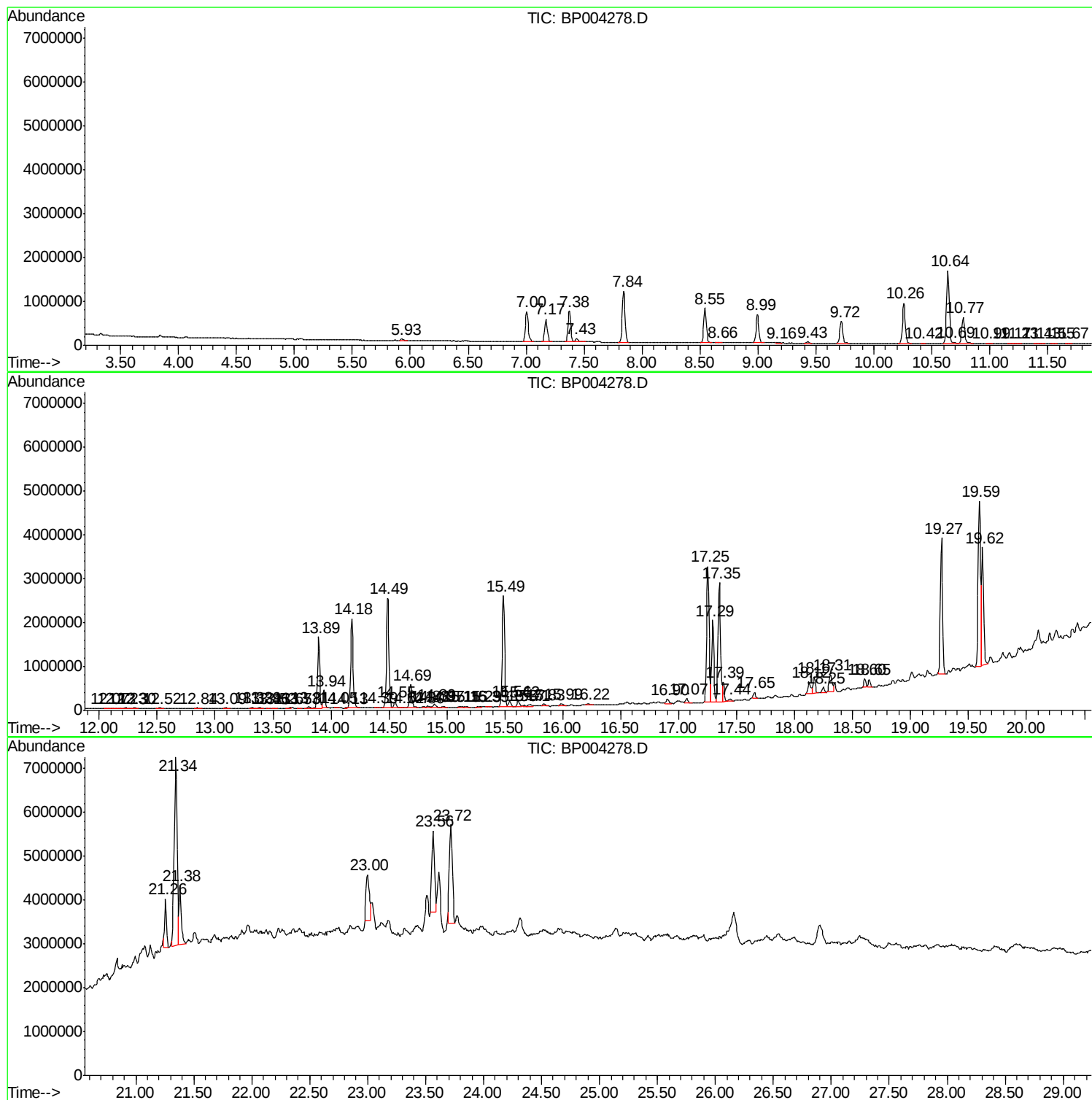
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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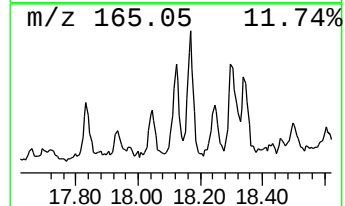
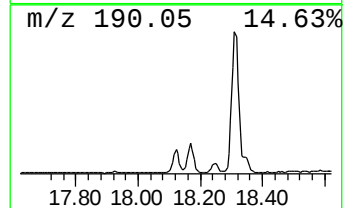
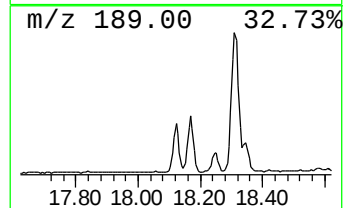
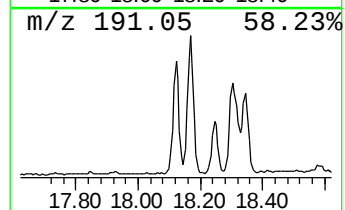
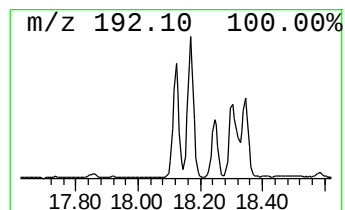
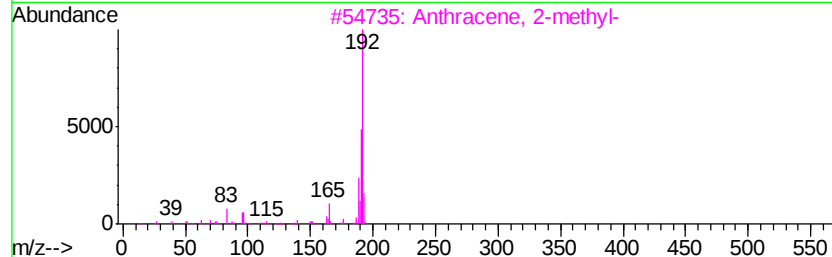
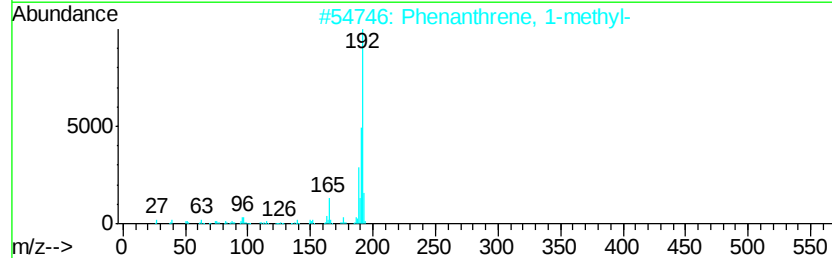
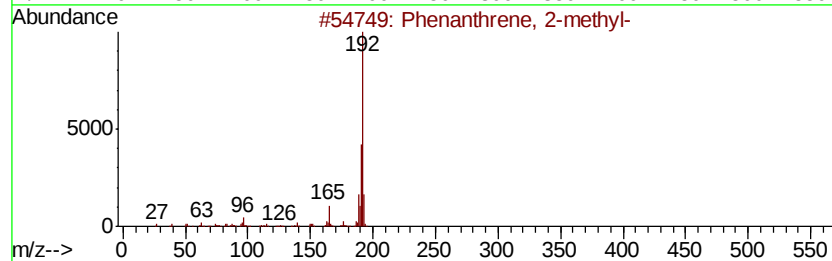
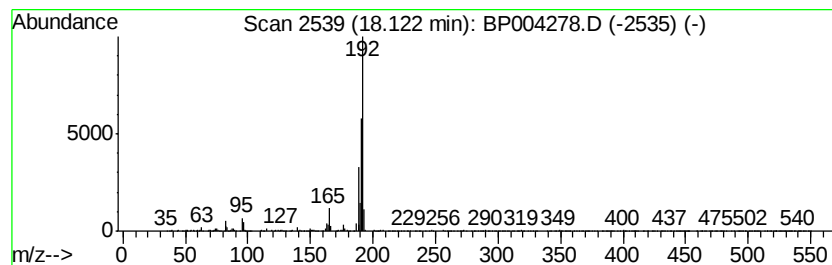
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION

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.		
18.12	2.22 ng/ul	505196	Phenanthrene-d10	17.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86	
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76	
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76	



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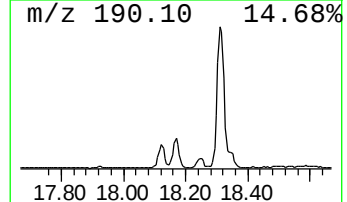
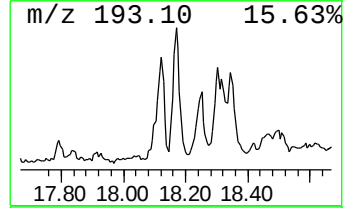
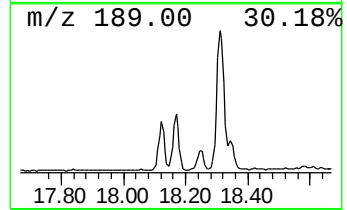
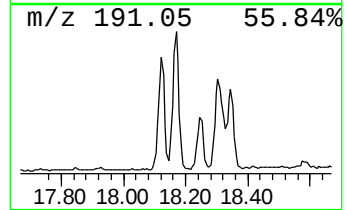
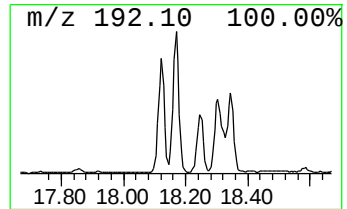
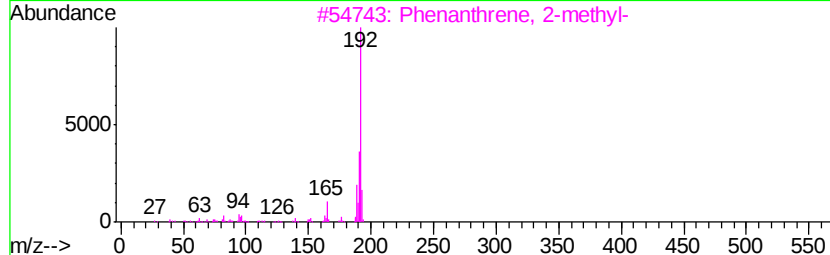
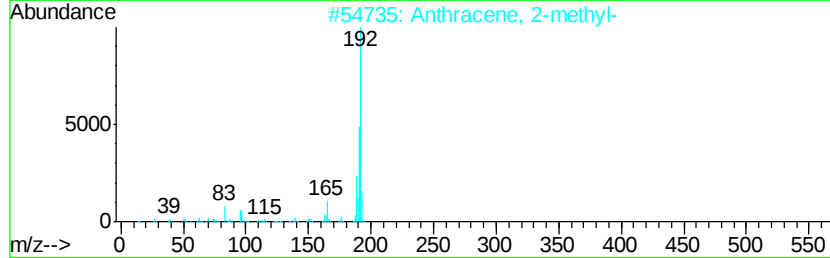
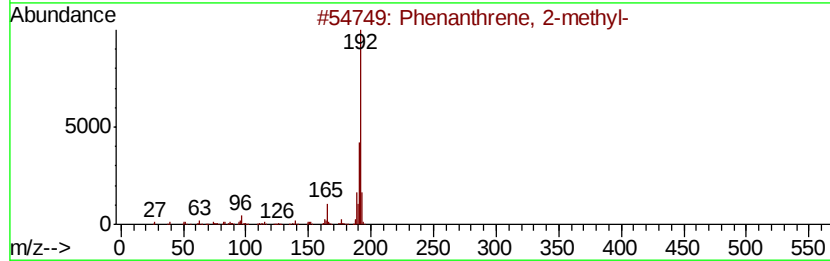
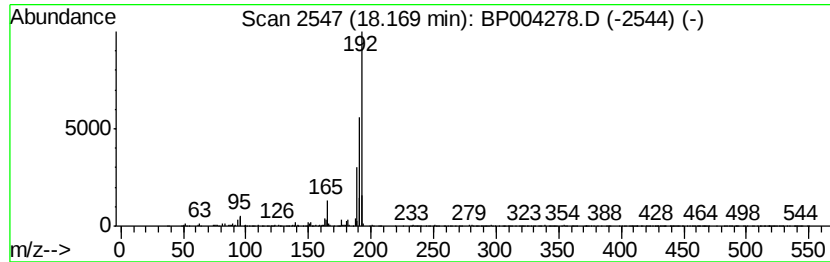
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	2.15 ng/ul	487624	Phenanthrene-d10	17.25

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



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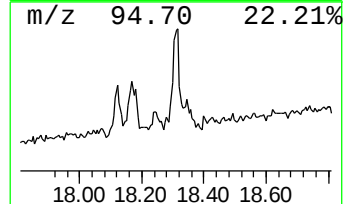
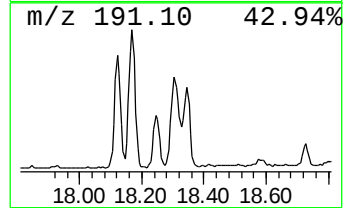
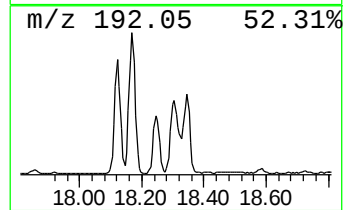
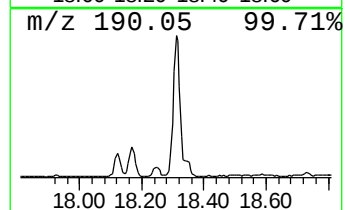
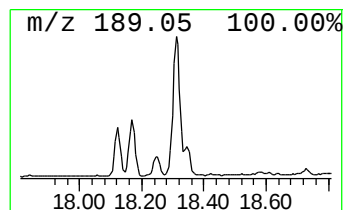
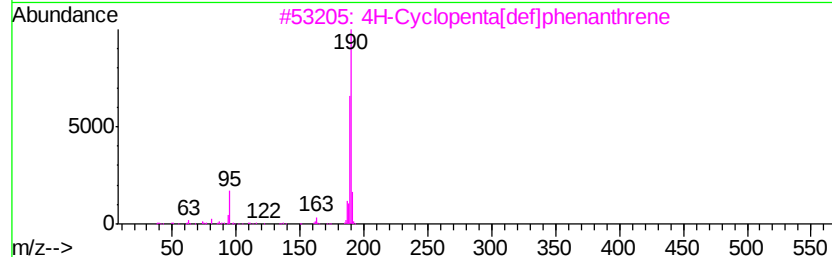
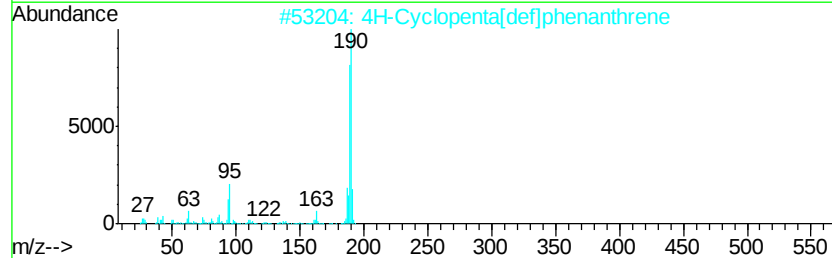
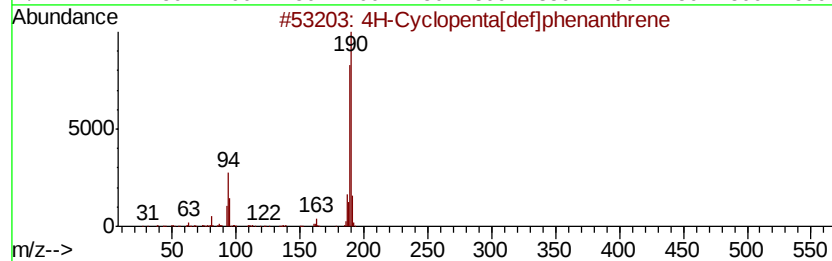
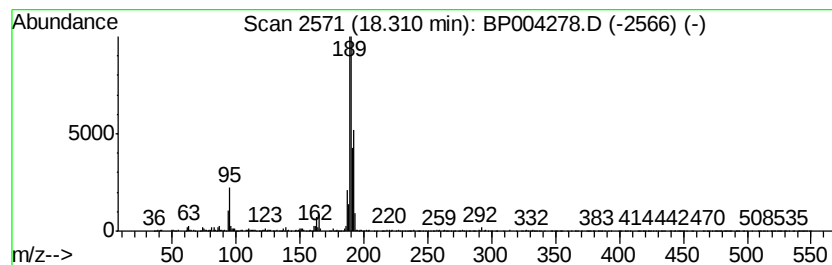
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	3.16 ng/ul	716962	Phenanthrene-d10	17.25

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	50
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4		Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	38
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.12	2.2	ng/ul	505196	4	17.25	4544220	20.0
Anthracene, 2-met...	18.17	2.1	ng/ul	487624	4	17.25	4544220	20.0
4H-Cyclopenta[def...	18.31	3.2	ng/ul	716962	4	17.25	4544220	20.0