

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
 Data File : BG047114.D
 Acq On : 29 Oct 2020 11:01
 Operator : CG/JU
 Sample : L4499-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EW2B5

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_G\METHODS\SOM-EPA-BG102220MA.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	3.464	18	21	25	rBV3	6568	10490	0.68%	0.064%
2	3.740	65	68	72	rVV5	2570	3945	0.26%	0.024%
3	3.999	106	112	118	rBV6	8192	13407	0.87%	0.082%
4	4.064	121	123	127	rVB4	2163	2787	0.18%	0.017%
5	4.122	127	133	136	rBV5	4718	8914	0.58%	0.055%
6	4.216	147	149	151	rBV2	3342	3149	0.20%	0.019%
7	4.775	242	244	251	rVB5	2993	4938	0.32%	0.030%
8	5.139	301	306	307	rBV2	3206	3179	0.21%	0.019%
9	5.233	319	322	327	rBV4	1979	2828	0.18%	0.017%
10	6.232	490	492	497	rBV2	1840	2726	0.18%	0.017%
11	6.672	564	567	571	rBV4	2165	3926	0.25%	0.024%
12	7.207	649	658	669	rVV	137718	247916	16.07%	1.516%
13	7.377	681	687	696	rVB	99642	170773	11.07%	1.044%
14	7.583	715	722	729	rBV	142770	252038	16.34%	1.541%
15	7.671	735	737	741	rVB4	4545	5389	0.35%	0.033%
16	8.059	796	803	810	rBV	199221	348828	22.61%	2.133%
17	8.500	876	878	885	rVB2	1431	2596	0.17%	0.016%
18	8.623	893	899	901	rBV3	1505	2902	0.19%	0.018%
19	8.752	914	921	933	rBV2	170120	300955	19.51%	1.841%
20	9.216	993	1000	1008	rBV2	137349	246429	15.97%	1.507%
21	9.281	1008	1011	1014	rVB5	2697	3884	0.25%	0.024%
22	9.939	1115	1123	1135	rBV	122900	215484	13.97%	1.318%
23	10.480	1209	1215	1224	rBV2	179871	321588	20.85%	1.967%
24	10.867	1272	1281	1291	rBV	272176	477984	30.99%	2.923%
25	10.997	1294	1303	1312	rBV2	63581	135239	8.77%	0.827%
26	11.361	1364	1365	1371	rVB3	2018	3430	0.22%	0.021%
27	11.884	1449	1454	1457	rBV2	2100	2933	0.19%	0.018%
28	12.277	1517	1521	1524	rBV4	4543	6359	0.41%	0.039%
29	12.442	1546	1549	1555	rBV3	2439	5161	0.33%	0.032%
30	12.730	1595	1598	1602	rBV2	2334	3982	0.26%	0.024%
31	13.047	1648	1652	1655	rBV3	3178	3965	0.26%	0.024%
32	13.300	1691	1695	1697	rBV3	3033	4247	0.28%	0.026%
33	13.570	1736	1741	1747	rBV2	20161	33700	2.18%	0.206%
34	14.081	1821	1828	1833	rBV	323635	484576	31.41%	2.964%

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35	14.128	1833	1836	1845	rVB	108392	155270	10.07%	0.950%
36	14.381	1872	1879	1886	rBV	361518	554414	35.94%	3.391%
37	14.575	1910	1912	1915	rVB3	2741	2833	0.18%	0.017%
38	14.686	1921	1931	1938	rBV2	453907	703946	45.63%	4.305%
39	14.751	1938	1942	1950	rVB3	11632	18413	1.19%	0.113%
40	14.869	1955	1962	1972	rBV	129234	241037	15.63%	1.474%
41	15.086	1993	1999	2006	rVB3	12597	20528	1.33%	0.126%
42	15.474	2061	2065	2068	rBV3	3973	6283	0.41%	0.038%
43	15.527	2072	2074	2078	rVB2	3894	3526	0.23%	0.022%
44	15.679	2093	2100	2105	rBV	493247	737259	47.79%	4.509%
45	15.732	2105	2109	2113	rVV2	16778	24343	1.58%	0.149%
46	15.785	2113	2118	2126	rVV2	157971	242084	15.69%	1.481%
47	15.867	2129	2132	2134	rVV4	2685	3661	0.24%	0.022%
48	15.920	2138	2141	2145	rVB4	7385	10073	0.65%	0.062%
49	16.026	2155	2159	2163	rVB3	7521	9895	0.64%	0.061%
50	16.173	2180	2184	2191	rBV4	7322	14151	0.92%	0.087%
51	16.255	2197	2198	2204	rVB4	3023	4002	0.26%	0.024%
52	16.384	2217	2220	2222	rBV3	5611	6099	0.40%	0.037%
53	16.402	2222	2223	2227	rVB4	3174	4003	0.26%	0.024%
54	16.543	2245	2247	2253	rVB4	4348	5305	0.34%	0.032%
55	16.625	2257	2261	2263	rVB2	2129	2586	0.17%	0.016%
56	16.702	2272	2274	2276	rBV2	2421	2698	0.17%	0.017%
57	16.778	2286	2287	2290	rBV2	3273	4228	0.27%	0.026%
58	16.813	2290	2293	2300	rVV4	8364	14268	0.92%	0.087%
59	16.931	2310	2313	2316	rVB3	2788	3722	0.24%	0.023%
60	16.960	2316	2318	2320	rBV3	4457	3933	0.25%	0.024%
61	17.084	2335	2339	2344	rVB2	11052	16169	1.05%	0.099%
62	17.225	2359	2363	2364	rBV3	5768	7100	0.46%	0.043%
63	17.248	2364	2367	2371	rVB	15124	21111	1.37%	0.129%
64	17.313	2375	2378	2385	rBV6	8635	17063	1.11%	0.104%
65	17.377	2385	2389	2392	rBV4	7363	10704	0.69%	0.065%
66	17.430	2392	2398	2402	rVV	608600	931427	60.38%	5.696%
67	17.471	2402	2405	2410	rVV	344732	492307	31.91%	3.011%
68	17.530	2410	2415	2428	rVV	572980	901422	58.43%	5.513%
69	17.612	2428	2429	2435	rVB3	8120	13436	0.87%	0.082%
70	17.671	2437	2439	2441	rBV3	3075	3400	0.22%	0.021%
71	17.695	2441	2443	2445	rBV2	3869	3993	0.26%	0.024%

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72	17.830	2460	2466	2472	rBV3	24068	48308	3.13%	0.295%
73	18.012	2494	2497	2500	rBV4	12857	14968	0.97%	0.092%
74	18.088	2509	2510	2515	rVB5	8297	7748	0.50%	0.047%
75	18.147	2517	2520	2523	rBV5	5465	6895	0.45%	0.042%
76	18.194	2525	2528	2533	rVB7	13870	21138	1.37%	0.129%
77	18.253	2535	2538	2543	rVV3	24836	35817	2.32%	0.219%
78	18.312	2543	2548	2552	rVV3	180962	254155	16.48%	1.554%
79	18.353	2552	2555	2564	rVB2	56942	98707	6.40%	0.604%
80	18.500	2574	2580	2585	rBV4	60447	118492	7.68%	0.725%
81	18.682	2609	2611	2614	rBV4	5668	6172	0.40%	0.038%
82	18.799	2627	2631	2634	rBV	41702	52625	3.41%	0.322%
83	18.840	2635	2638	2642	rVB	56364	73186	4.74%	0.448%
84	19.046	2670	2673	2678	rVB7	13271	21277	1.38%	0.130%
85	19.099	2678	2682	2685	rBV4	9247	15902	1.03%	0.097%
86	19.216	2699	2702	2708	rBV5	15585	26626	1.73%	0.163%
87	19.357	2723	2726	2733	rVB2	32054	54592	3.54%	0.334%
88	19.481	2742	2747	2753	rVB	849180	1108311	71.85%	6.778%
89	19.581	2760	2764	2769	rBV4	47728	63248	4.10%	0.387%
90	19.816	2798	2804	2806	rBV2	804318	1176842	76.29%	7.197%
91	19.845	2806	2809	2815	rVV	574897	776589	50.34%	4.749%
92	19.910	2817	2820	2825	rVB2	29258	36028	2.34%	0.220%
93	20.156	2859	2862	2863	rBV3	27369	29548	1.92%	0.181%
94	20.333	2889	2892	2898	rVB2	89588	118471	7.68%	0.725%
95	20.433	2906	2909	2912	rVB	42438	46891	3.04%	0.287%
96	21.196	3036	3039	3045	rVB3	63268	81560	5.29%	0.499%
97	21.702	3117	3125	3129	rBV2	675337	1542627	100.00%	9.434%
98	21.749	3130	3133	3142	rVB	299697	462611	29.99%	2.829%
99	24.716	3632	3638	3645	rBV	260628	586216	38.00%	3.585%
100	24.939	3669	3676	3685	rVB	338876	908508	58.89%	5.556%

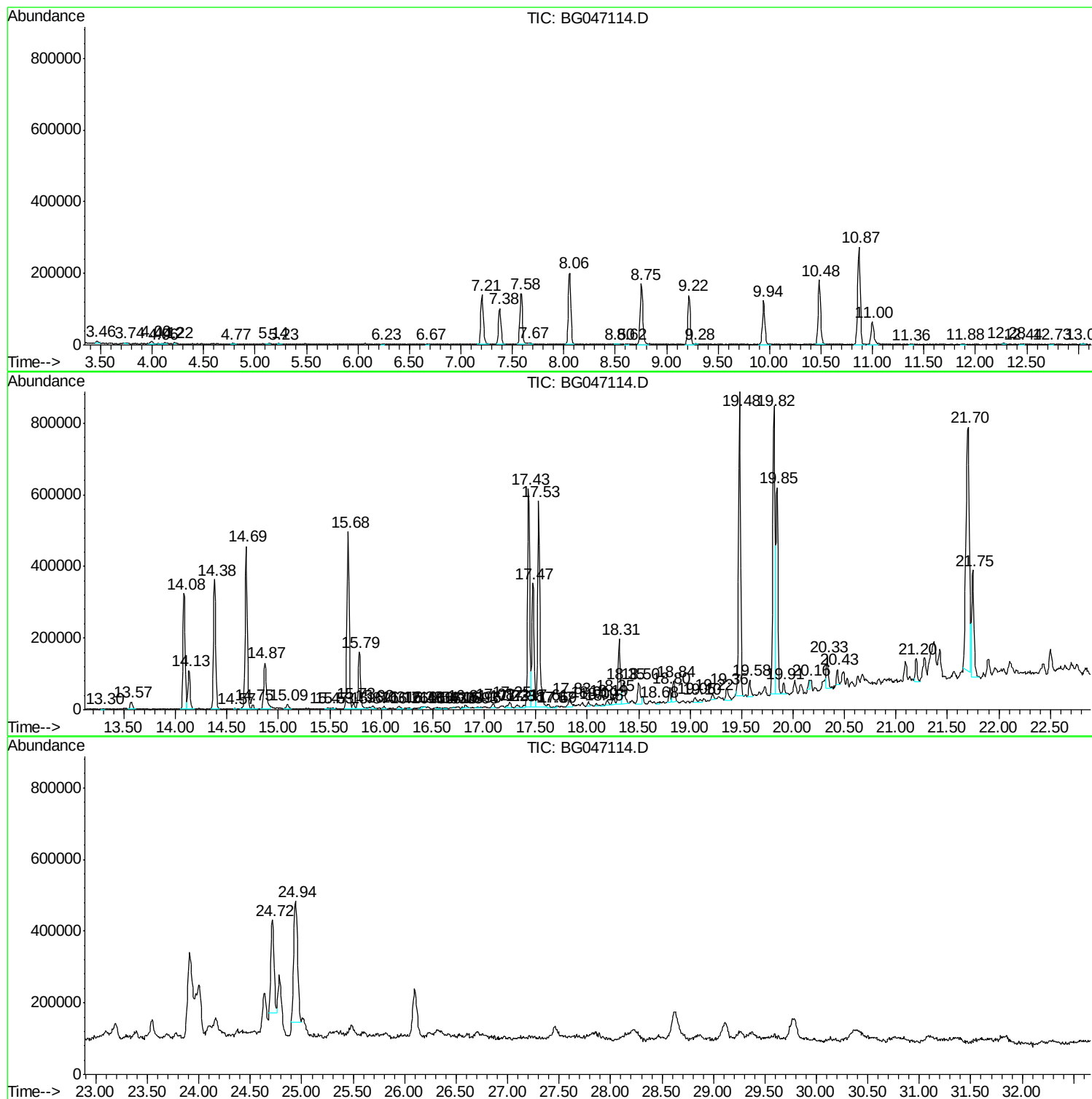
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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



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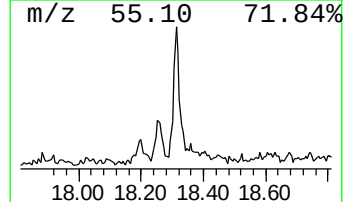
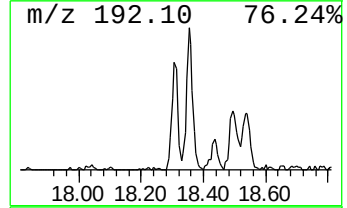
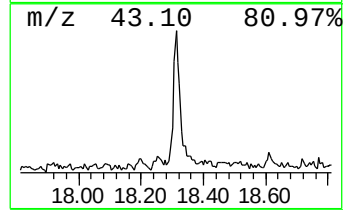
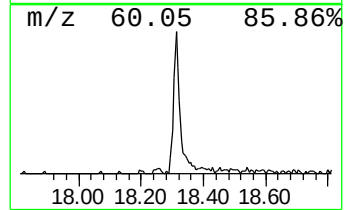
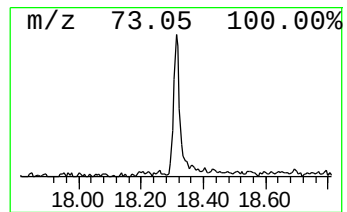
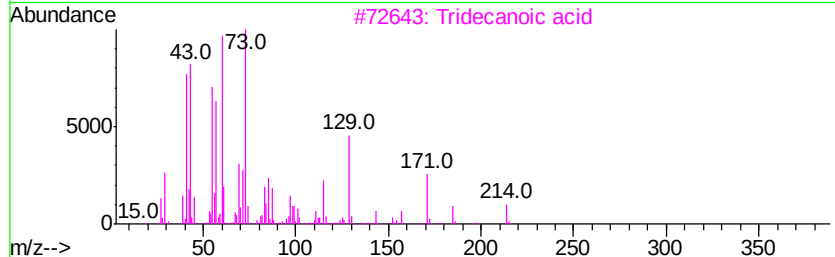
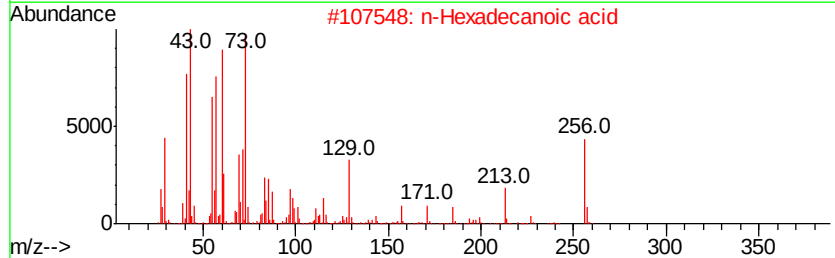
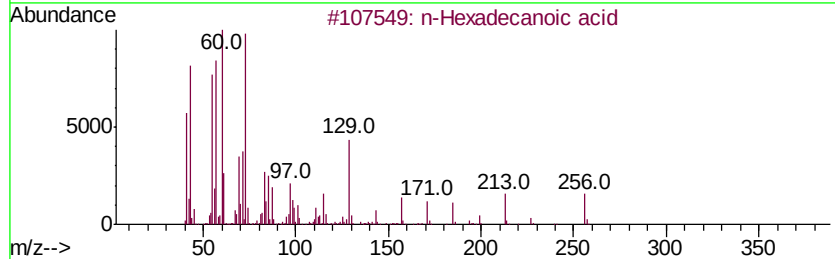
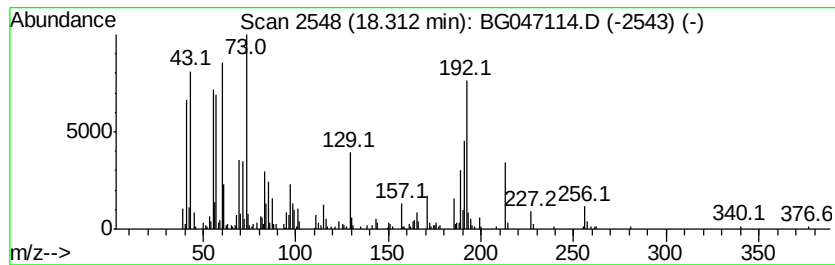
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.31	5.46 ng/ul	254155	Phenanthrene-d10	17.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	97
3	Tridecanoic acid		214	C13H26O2	000638-53-9	64
4	Pentadecanoic acid		242	C15H30O2	001002-84-2	55
5	Octadecanoic acid		284	C18H36O2	000057-11-4	50



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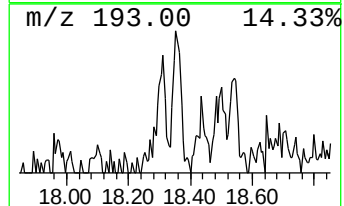
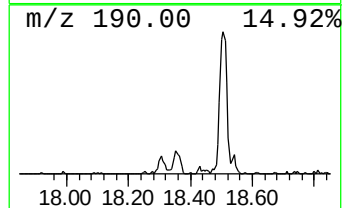
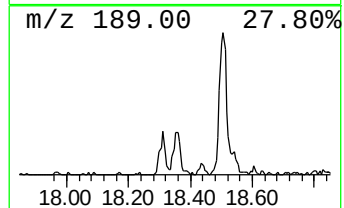
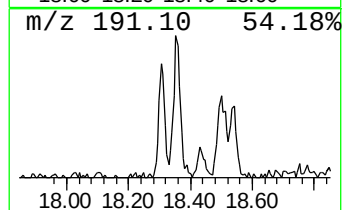
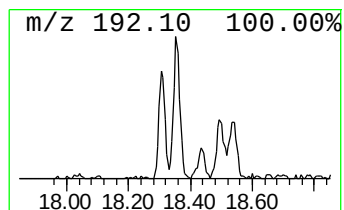
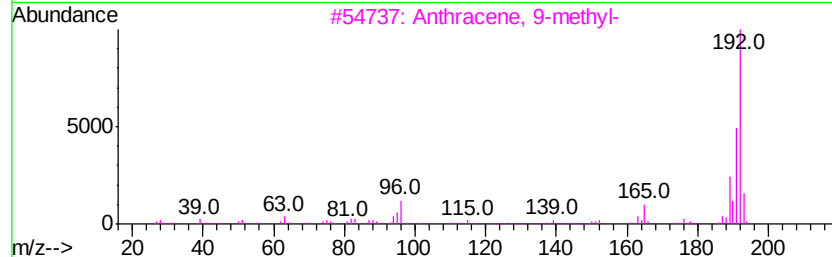
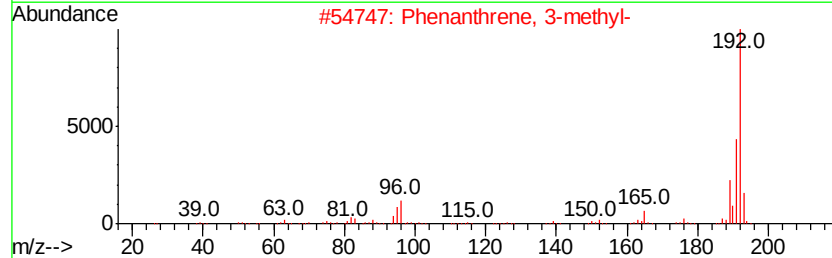
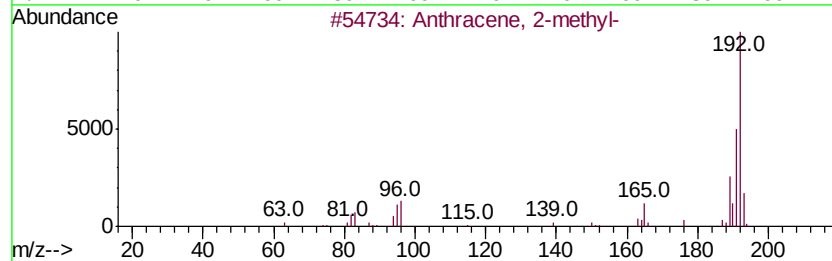
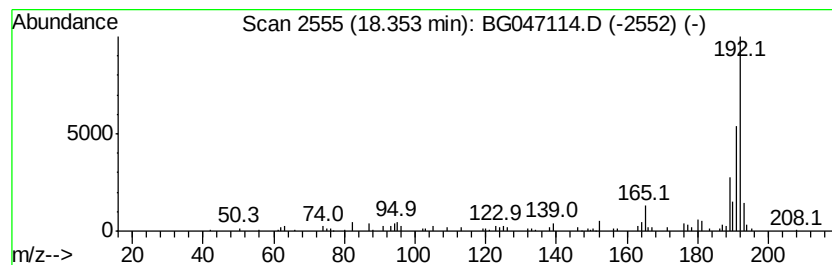
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	2.12 ng/ul	98707	Phenanthrene-d10	17.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
3		Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



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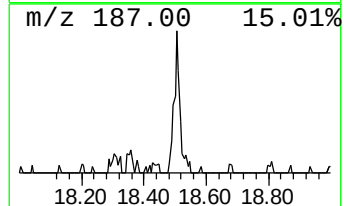
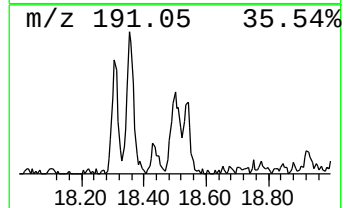
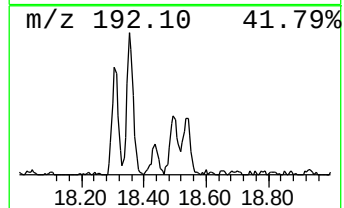
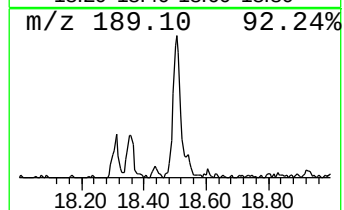
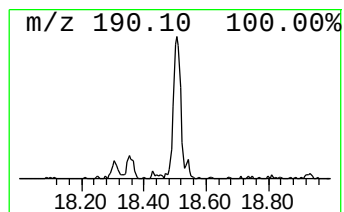
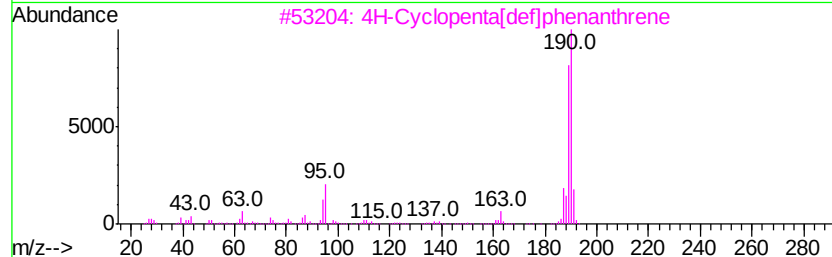
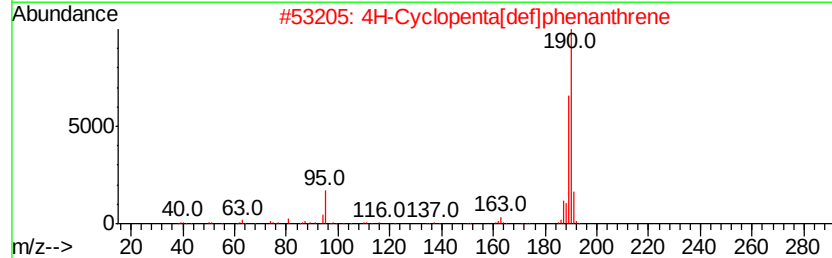
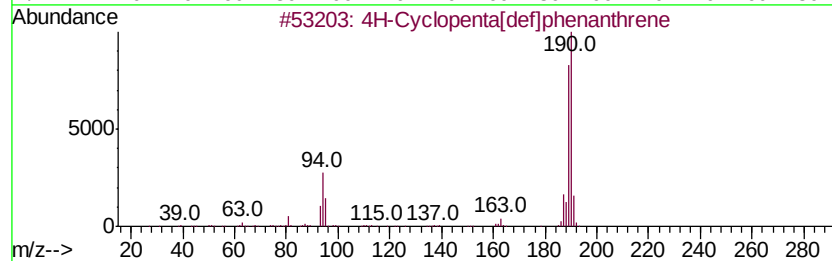
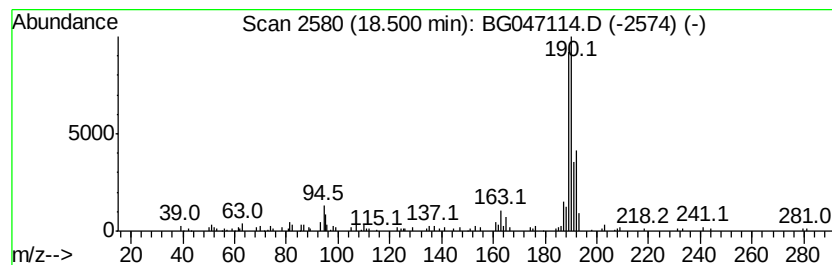
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.50	2.54 ng/ul	118492	Phenanthrene-d10	17.43		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	59
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
5		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40



Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG102920\
Data File : BG047114.D
Acq On : 29 Oct 2020 11:01
Operator : CG/JU
Sample : L4499-04
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EW2B5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.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
n-Hexadecanoic acid	18.31	5.5	ng/ul	254155	4	17.43	931427	20.0
Anthracene, 2-met...	18.35	2.1	ng/ul	98707	4	17.43	931427	20.0
4H-Cyclopenta[def...	18.50	2.5	ng/ul	118492	4	17.43	931427	20.0