

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047640.D
 Acq On : 8 Dec 2020 6:54
 Operator : CG/JU
 Sample : L4862-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B59

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-BG120720MA.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	3.487	24	25	30	rVB3	3817	4268	0.35%	0.034%
2	3.534	30	33	39	rBV4	9763	16518	1.36%	0.131%
3	3.822	79	82	86	rBV4	7608	8428	0.70%	0.067%
4	5.361	340	344	350	rBV2	5025	10107	0.83%	0.080%
5	7.353	676	683	695	rVV	194807	368151	30.41%	2.917%
6	7.529	706	713	720	rVB	108889	191447	15.82%	1.517%
7	7.741	741	749	755	rBV	191638	335695	27.73%	2.660%
8	7.788	755	757	765	rVV2	12390	20227	1.67%	0.160%
9	8.217	822	830	837	rVB	124171	209730	17.33%	1.662%
10	8.910	941	948	956	rVB	215620	365698	30.21%	2.897%
11	9.386	1022	1029	1036	rVB	179750	324738	26.83%	2.573%
12	9.791	1094	1098	1102	rVB3	8240	11205	0.93%	0.089%
13	10.109	1145	1152	1159	rBV	181953	329017	27.18%	2.607%
14	10.649	1236	1244	1253	rVV	247263	448500	37.05%	3.554%
15	11.043	1304	1311	1318	rBV	149271	262654	21.70%	2.081%
16	11.166	1324	1332	1341	rBV2	185070	362775	29.97%	2.874%
17	12.036	1478	1480	1485	rVB2	4276	5278	0.44%	0.042%
18	12.429	1541	1547	1552	rBV3	3923	6817	0.56%	0.054%
19	12.617	1572	1579	1582	rBV3	3764	7357	0.61%	0.058%
20	12.676	1586	1589	1594	rVB2	4640	5805	0.48%	0.046%
21	12.894	1624	1626	1631	rVB2	3138	4956	0.41%	0.039%
22	13.651	1748	1755	1757	rBV2	6858	11407	0.94%	0.090%
23	13.710	1761	1765	1769	rBV2	5532	8439	0.70%	0.067%
24	14.163	1837	1842	1845	rVV4	8963	15217	1.26%	0.121%
25	14.227	1846	1853	1857	rVV	435823	634461	52.41%	5.027%
26	14.274	1857	1861	1869	rVB	140187	195809	16.18%	1.551%
27	14.533	1898	1905	1912	rVV	432791	694730	57.39%	5.504%
28	14.709	1932	1935	1940	rBV3	4893	5789	0.48%	0.046%
29	14.838	1950	1957	1962	rVV	233042	372039	30.74%	2.948%
30	15.003	1977	1985	1995	rBV2	233159	372978	30.81%	2.955%
31	15.232	2019	2024	2028	rVB5	11865	20470	1.69%	0.162%
32	15.297	2030	2035	2044	rVB4	10297	16976	1.40%	0.135%
33	15.443	2057	2060	2065	rBV4	4655	7569	0.63%	0.060%
34	15.496	2065	2069	2072	rVB3	7297	8476	0.70%	0.067%

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35	15.614	2086	2089	2092	rVV4	4429	7673	0.63%	0.061%
36	15.661	2094	2097	2101	rVB3	5526	5757	0.48%	0.046%
37	15.749	2109	2112	2114	rVB2	4973	4986	0.41%	0.040%
38	15.820	2114	2124	2133	rBV	556519	877069	72.46%	6.949%
39	15.925	2135	2142	2152	rBV	233132	354936	29.32%	2.812%
40	16.060	2160	2165	2166	rBV3	8388	8768	0.72%	0.069%
41	16.154	2177	2181	2184	rBV2	3595	5559	0.46%	0.044%
42	16.407	2214	2224	2227	rVB6	4345	11082	0.92%	0.088%
43	16.536	2244	2246	2250	rVB	5940	7675	0.63%	0.061%
44	16.589	2250	2255	2259	rBV4	3938	6872	0.57%	0.054%
45	16.630	2259	2262	2265	rVB2	5811	6320	0.52%	0.050%
46	16.801	2288	2291	2295	rVB2	7326	4919	0.41%	0.039%
47	16.848	2295	2299	2301	rBV3	3338	4369	0.36%	0.035%
48	16.877	2303	2304	2308	rVB2	4806	4594	0.38%	0.036%
49	16.912	2308	2310	2311	rBV	5464	5509	0.46%	0.044%
50	16.924	2311	2312	2316	rVB2	7133	5418	0.45%	0.043%
51	17.018	2325	2328	2330	rBV2	4291	4581	0.38%	0.036%
52	17.089	2338	2340	2345	rBV2	2516	4434	0.37%	0.035%
53	17.171	2352	2354	2357	rVB	5385	4296	0.35%	0.034%
54	17.230	2359	2364	2369	rVV5	9224	17758	1.47%	0.141%
55	17.300	2375	2376	2379	rVB3	5174	3966	0.33%	0.031%
56	17.394	2389	2392	2394	rVB3	4270	4024	0.33%	0.032%
57	17.570	2416	2422	2427	rVV	333734	501337	41.42%	3.972%
58	17.612	2427	2429	2433	rVV	26053	33870	2.80%	0.268%
59	17.670	2433	2439	2448	rVB	648969	956311	79.00%	7.577%
60	17.741	2448	2451	2453	rBV4	5891	8091	0.67%	0.064%
61	17.805	2459	2462	2464	rBV3	4836	5990	0.49%	0.047%
62	17.835	2464	2467	2469	rBV3	6444	7542	0.62%	0.060%
63	18.023	2496	2499	2500	rVV3	4668	4130	0.34%	0.033%
64	18.040	2500	2502	2507	rVB5	5327	6513	0.54%	0.052%
65	18.152	2518	2521	2526	rVB5	12206	13291	1.10%	0.105%
66	18.252	2535	2538	2540	rVV2	5559	5749	0.47%	0.046%
67	18.293	2543	2545	2549	rVB3	4681	4491	0.37%	0.036%
68	18.440	2566	2570	2574	rBV	27486	34943	2.89%	0.277%
69	18.493	2574	2579	2584	rVB4	34850	56554	4.67%	0.448%
70	18.587	2593	2595	2596	rVV2	6574	4071	0.34%	0.032%
71	18.622	2596	2601	2605	rVV5	20096	33728	2.79%	0.267%

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72	18.675	2605	2610	2615	rVB2	10723	17835	1.47%	0.141%
73	18.781	2625	2628	2632	rBV6	6075	8712	0.72%	0.069%
74	18.828	2632	2636	2641	rVV7	9720	16774	1.39%	0.133%
75	18.869	2641	2643	2645	rVB4	6029	3908	0.32%	0.031%
76	18.928	2650	2653	2658	rBV4	15602	21192	1.75%	0.168%
77	19.174	2691	2695	2699	rVB4	9190	13987	1.16%	0.111%
78	19.221	2700	2703	2707	rBV2	13509	19998	1.65%	0.158%
79	19.345	2719	2724	2729	rBV3	26790	43119	3.56%	0.342%
80	19.486	2743	2748	2749	rBV4	10906	15562	1.29%	0.123%
81	19.568	2760	2762	2763	rBV2	6348	4937	0.41%	0.039%
82	19.603	2763	2768	2773	rVB2	38823	59519	4.92%	0.472%
83	19.668	2775	2779	2782	rVB3	12647	17171	1.42%	0.136%
84	19.791	2795	2800	2802	rBV5	7450	10560	0.87%	0.084%
85	19.827	2804	2806	2808	rBV2	7061	7403	0.61%	0.059%
86	19.938	2819	2825	2837	rVB	777595	1210473	100.00%	9.591%
87	20.020	2837	2839	2840	rBV2	10019	7471	0.62%	0.059%
88	20.138	2857	2859	2860	rBV2	6263	4828	0.40%	0.038%
89	20.267	2878	2881	2883	rBV3	9188	12701	1.05%	0.101%
90	20.443	2909	2911	2919	rVB7	12190	15564	1.29%	0.123%
91	20.820	2973	2975	2982	rBV8	14663	19935	1.65%	0.158%
92	21.225	3040	3044	3048	rBV6	13943	19855	1.64%	0.157%
93	21.460	3080	3084	3090	rBV6	56556	99505	8.22%	0.788%
94	21.713	3125	3127	3131	rVB3	26819	31607	2.61%	0.250%
95	21.848	3143	3150	3156	rBV	327301	597347	49.35%	4.733%
96	22.876	3322	3325	3326	rBV2	19535	19400	1.60%	0.154%
97	24.879	3664	3666	3667	rBV	11534	8264	0.68%	0.065%
98	24.979	3674	3683	3693	rVB2	360977	1021772	84.41%	8.096%
99	25.214	3713	3723	3734	rVB2	198446	577495	47.71%	4.576%
100	26.830	3997	3998	4002	rBV4	9364	13478	1.11%	0.107%

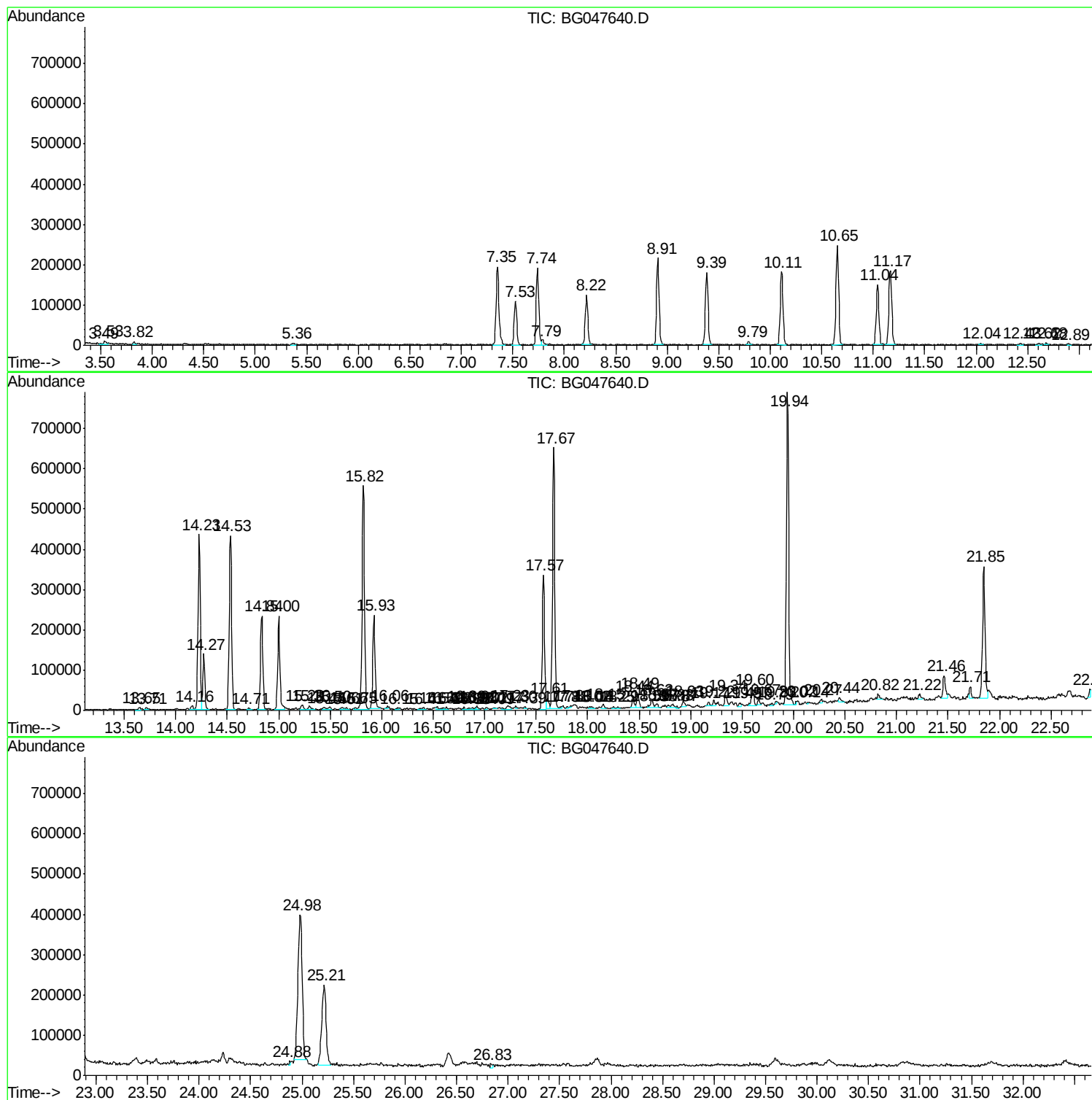
Sum of corrected areas: 12621279

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



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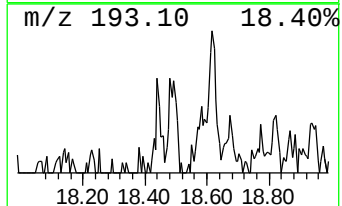
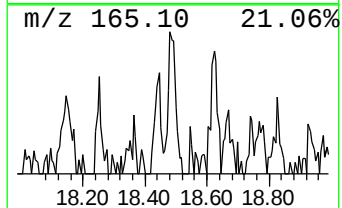
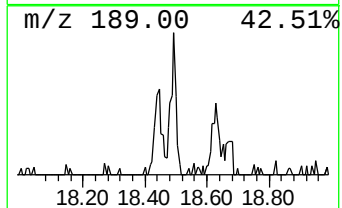
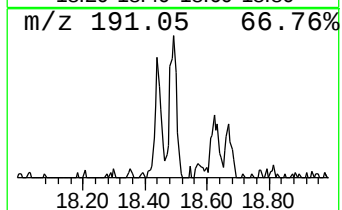
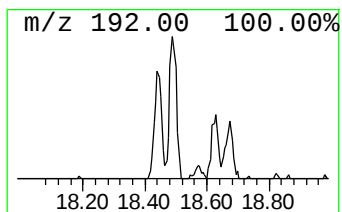
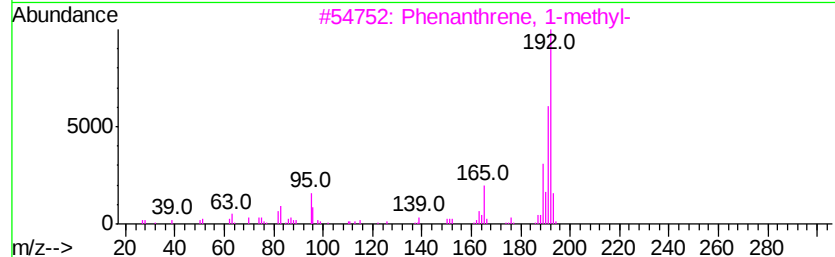
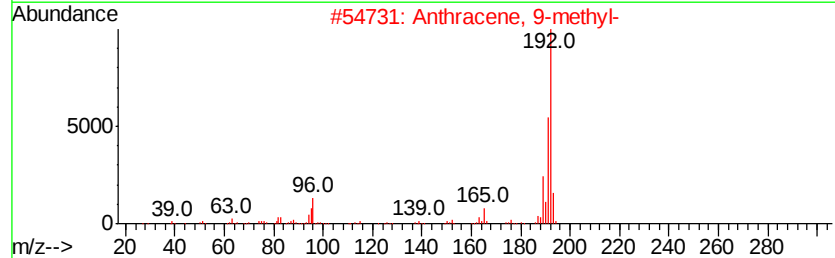
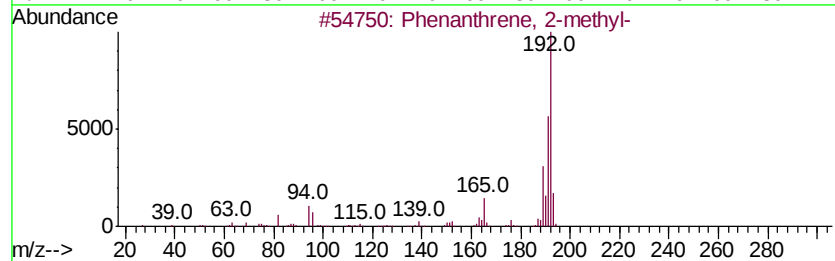
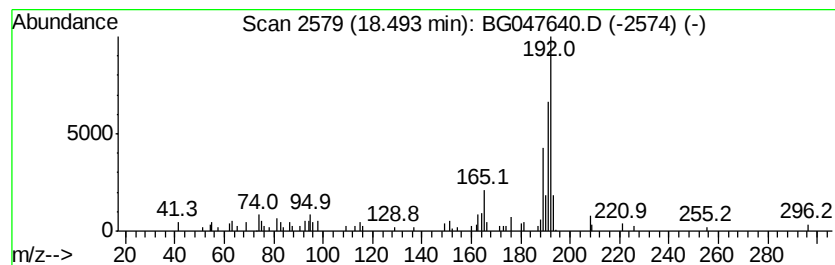
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION

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.		
18.49	2.26 ng/ul	56554	Phenanthrene-d10	17.57		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	89	
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89	
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76	
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	76	
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76	



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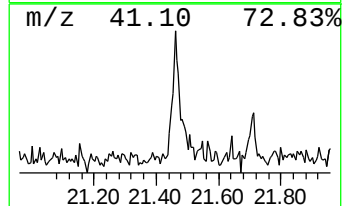
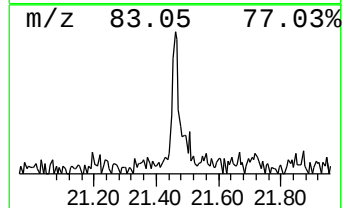
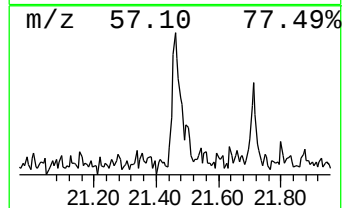
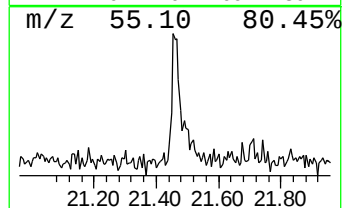
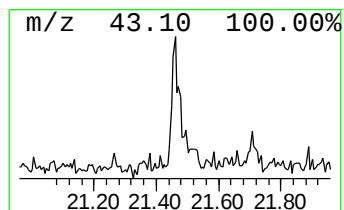
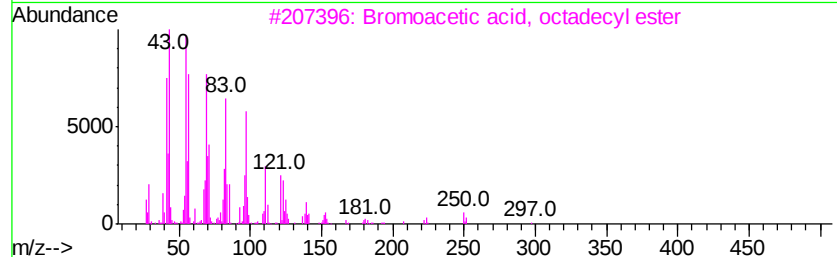
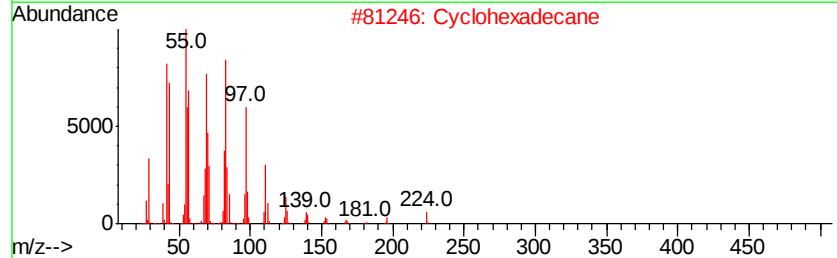
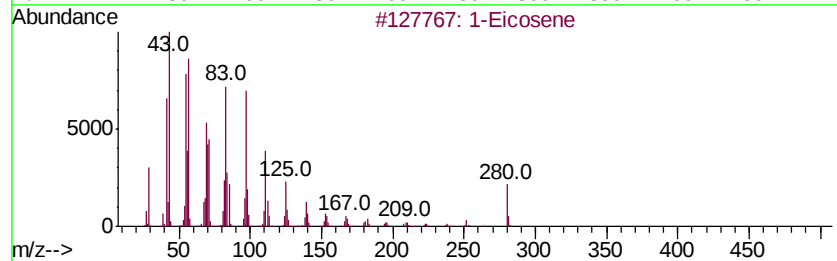
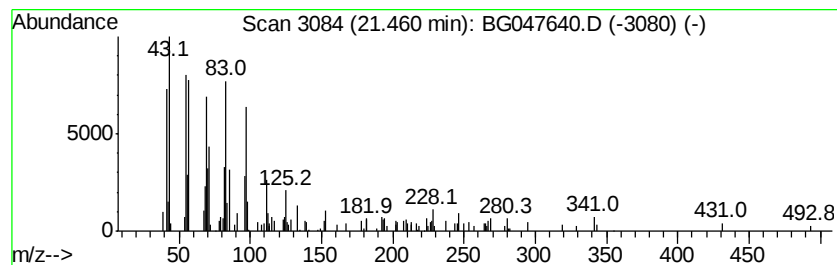
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	3.33 ng/ul	99505	Chrysene-d12	21.85
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Eicosene		280 C20H40	003452-07-1 91
2	Cyclohexadecane		224 C16H32	000295-65-8 86
3	Bromoacetic acid, octadecyl ester		390 C20H39BrO2	018992-03-5 83
4	Tridecane, 7-cyclohexyl-		266 C19H38	013151-92-3 81
5	Cycloeicosane		280 C20H40	000296-56-0 74



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	18.49	2.3	ng/ul	56554	4	17.57	501337	20.0
(DEL) Alkane: Str...	21.46	3.3	ng/ul	99505	5	21.85	597347	20.0