

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122021\
 Data File : BG051695.D
 Acq On : 21 Dec 2021 00:09
 Operator : CG/JU
 Sample : M5171-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BGLB1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
 Title : SVOA CALIBRATION

Signal : TIC: BG051695.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.599	13	19	23	rVV2	8867	12729	1.31%	0.113%
2	3.875	61	66	70	rBV3	1763	2635	0.27%	0.023%
3	4.027	87	92	109	rVV	94102	172762	17.82%	1.529%
4	7.405	658	667	678	rVB	158250	292369	30.16%	2.588%
5	7.575	689	696	704	rBV	108565	182651	18.84%	1.617%
6	7.628	704	705	710	rVB2	2287	1849	0.19%	0.016%
7	7.793	725	733	743	rVB	145892	252905	26.09%	2.239%
8	8.269	807	814	820	rBV	128473	220341	22.73%	1.951%
9	8.322	820	823	828	rVB2	8404	11047	1.14%	0.098%
10	8.962	925	932	940	rBV	193676	334702	34.53%	2.963%
11	9.438	1006	1013	1021	rBV	149178	265412	27.38%	2.350%
12	9.602	1035	1041	1043	rBV3	1537	2456	0.25%	0.022%
13	9.872	1081	1087	1091	rVB4	2132	3037	0.31%	0.027%
14	10.172	1131	1138	1146	rVB	128893	229222	23.65%	2.029%
15	10.718	1222	1231	1238	rBV	192907	356326	36.76%	3.154%
16	10.859	1249	1255	1263	rVB3	2420	5259	0.54%	0.047%
17	11.106	1287	1297	1304	rBV	181597	332793	34.33%	2.946%
18	11.159	1304	1306	1311	rVV	4370	5076	0.52%	0.045%
19	11.229	1311	1318	1330	rVB	182835	337212	34.79%	2.985%
20	12.498	1531	1534	1541	rVB3	2470	4035	0.42%	0.036%
21	12.674	1561	1564	1570	rVB2	2475	4093	0.42%	0.036%
22	12.745	1574	1576	1583	rBV3	1066	1993	0.21%	0.018%
23	13.303	1668	1671	1675	rVB3	1781	2257	0.23%	0.020%
24	13.720	1737	1742	1748	rBV3	7905	12491	1.29%	0.111%
25	14.114	1804	1809	1816	rBV5	7882	15486	1.60%	0.137%
26	14.237	1826	1830	1833	rBV4	1384	1839	0.19%	0.016%
27	14.296	1833	1840	1847	rVV	361256	522774	53.93%	4.628%
28	14.349	1848	1849	1852	rVV	1815	1925	0.20%	0.017%
29	14.372	1852	1853	1859	rVV3	1715	2392	0.25%	0.021%
30	14.531	1875	1880	1886	rBV4	5121	9962	1.03%	0.088%
31	14.601	1886	1892	1899	rVB	399724	636756	65.69%	5.637%
32	14.783	1920	1923	1932	rBV3	6292	9782	1.01%	0.087%
33	14.907	1934	1944	1953	rVB	313498	478956	49.41%	4.240%
34	15.071	1965	1972	1982	rBV	161018	275211	28.39%	2.436%
35	15.230	1997	1999	2004	rVB6	1586	2661	0.27%	0.024%
36	15.294	2004	2010	2011	rBV4	2945	4052	0.42%	0.036%

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37	15.494	2033	2044	2045	rBV5	8718	18965	1.96%	0.168%
38	15.524	2045	2049	2051	rVV5	5889	9423	0.97%	0.083%
39	15.688	2076	2077	2082	rVB3	4546	5443	0.56%	0.048%
40	15.729	2082	2084	2090	rVB5	4587	6979	0.72%	0.062%
41	15.894	2106	2112	2122	rVB	524600	796815	82.21%	7.054%
42	15.993	2122	2129	2136	rBV	113649	171480	17.69%	1.518%
43	16.134	2148	2153	2157	rVV5	3454	5521	0.57%	0.049%
44	16.234	2167	2170	2173	rBV	2876	2628	0.27%	0.023%
45	16.293	2178	2180	2185	rVB5	3343	4723	0.49%	0.042%
46	16.528	2216	2220	2223	rBV5	2574	3357	0.35%	0.030%
47	16.569	2223	2227	2228	rVV3	2471	2959	0.31%	0.026%
48	16.593	2228	2231	2234	rVV5	3992	6290	0.65%	0.056%
49	16.616	2234	2235	2240	rVB5	3085	4119	0.42%	0.036%
50	16.781	2257	2263	2266	rBV6	2930	4200	0.43%	0.037%
51	16.945	2287	2291	2292	rBV3	2491	2359	0.24%	0.021%
52	16.998	2298	2300	2304	rBV4	2522	2331	0.24%	0.021%
53	17.027	2304	2305	2308	rBV3	2166	1944	0.20%	0.017%
54	17.104	2315	2318	2323	rBV6	3489	5197	0.54%	0.046%
55	17.392	2365	2367	2371	rVV4	6357	7284	0.75%	0.064%
56	17.444	2371	2376	2381	rVB6	4034	7334	0.76%	0.065%
57	17.486	2381	2383	2386	rVB4	2545	2454	0.25%	0.022%
58	17.544	2388	2393	2396	rBV6	8200	10747	1.11%	0.095%
59	17.580	2396	2399	2402	rVB5	1808	2263	0.23%	0.020%
60	17.656	2405	2412	2420	rBV	378622	591452	61.02%	5.236%
61	17.756	2420	2429	2436	rBV2	539931	859174	88.64%	7.606%
62	17.820	2437	2440	2447	rVB9	4414	7569	0.78%	0.067%
63	17.885	2447	2451	2455	rBV4	3749	5758	0.59%	0.051%
64	17.920	2455	2457	2458	rBV2	3297	2437	0.25%	0.022%
65	18.003	2469	2471	2475	rBV5	2924	2417	0.25%	0.021%
66	18.132	2491	2493	2497	rBV5	2935	3990	0.41%	0.035%
67	18.308	2519	2523	2528	rVB7	4259	6353	0.66%	0.056%
68	18.478	2550	2552	2555	rBV4	3272	4239	0.44%	0.038%
69	18.519	2555	2559	2568	rVV3	59541	89313	9.21%	0.791%
70	19.307	2691	2693	2694	rBV2	4045	3066	0.32%	0.027%
71	19.612	2741	2745	2746	rBV3	8341	11244	1.16%	0.100%
72	19.677	2754	2756	2759	rVB3	10109	7483	0.77%	0.066%
73	20.029	2810	2816	2824	rVB	652470	969294	100.00%	8.581%
74	20.934	2966	2970	2974	rVB	47301	62921	6.49%	0.557%
75	21.580	3074	3080	3092	rBV2	94580	173467	17.90%	1.536%
76	21.839	3119	3124	3131	rVB	125697	183949	18.98%	1.628%

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77	21.974	3141	3147	3155	rVB2	352150	597707	61.66%	5.291%
78	22.837	3290	3294	3296	rBV4	7060	11028	1.14%	0.098%
79	23.771	3451	3453	3456	rVB4	5563	4789	0.49%	0.042%
80	23.795	3456	3457	3459	rBV2	5573	4532	0.47%	0.040%
81	24.958	3653	3655	3656	rBV2	3663	1992	0.21%	0.018%
82	25.228	3691	3701	3716	rVB2	306289	930686	96.02%	8.239%
83	25.469	3732	3742	3760	rVB2	192295	619153	63.88%	5.481%
84	25.980	3827	3829	3831	rBV3	3093	1927	0.20%	0.017%
85	26.186	3862	3864	3866	rBV3	4073	4410	0.45%	0.039%
86	26.914	3986	3988	3989	rBV2	4870	3043	0.31%	0.027%
87	27.219	4039	4040	4044	rBV4	3737	3901	0.40%	0.035%
88	27.637	4109	4111	4113	rBV3	4075	4600	0.47%	0.041%
89	27.930	4159	4161	4162	rBV2	3090	2057	0.21%	0.018%
90	28.289	4220	4222	4223	rBV2	4547	2977	0.31%	0.026%
91	29.323	4396	4398	4400	rBV3	3434	2778	0.29%	0.025%
92	29.434	4415	4417	4418	rBV2	3816	2409	0.25%	0.021%
93	29.851	4486	4488	4489	rBV2	3542	1954	0.20%	0.017%
94	30.104	4529	4531	4532	rBV	3728	2633	0.27%	0.023%
95	30.321	4566	4568	4570	rVB3	4465	2842	0.29%	0.025%
96	30.668	4625	4627	4629	rBV2	3348	3783	0.39%	0.033%
97	31.114	4701	4703	4704	rBV2	3621	3259	0.34%	0.029%
98	31.843	4825	4827	4829	rBV3	3560	2814	0.29%	0.025%
99	32.025	4856	4858	4859	rBV2	3441	2631	0.27%	0.023%
100	32.330	4908	4910	4912	rBV3	3610	1919	0.20%	0.017%

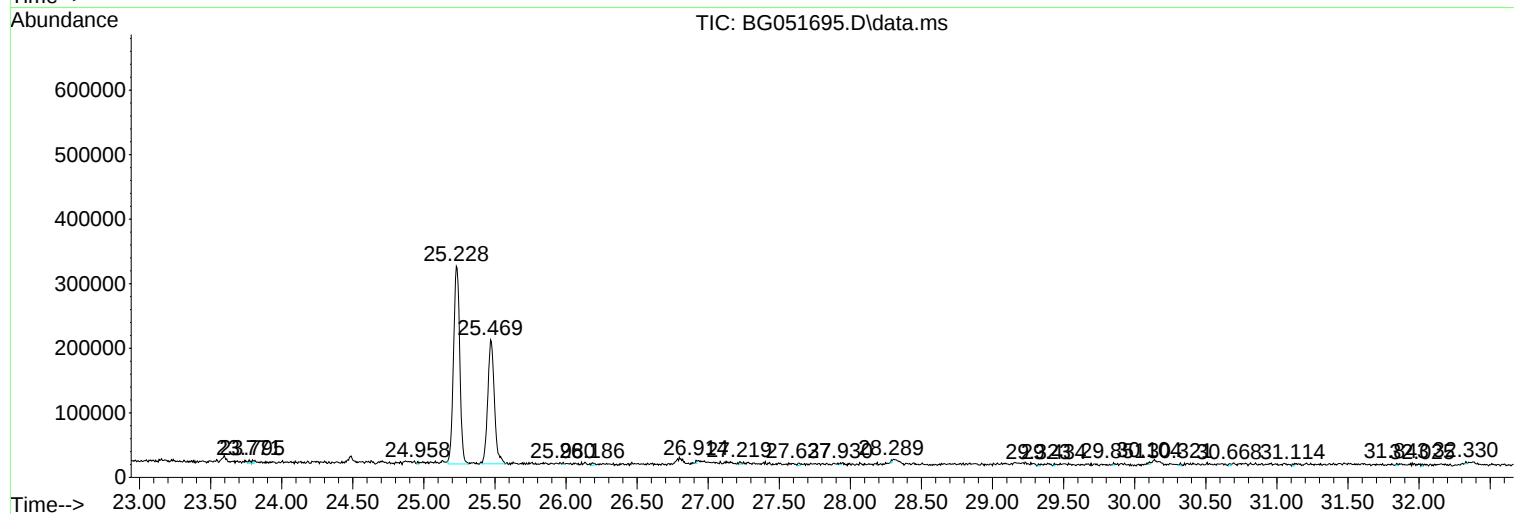
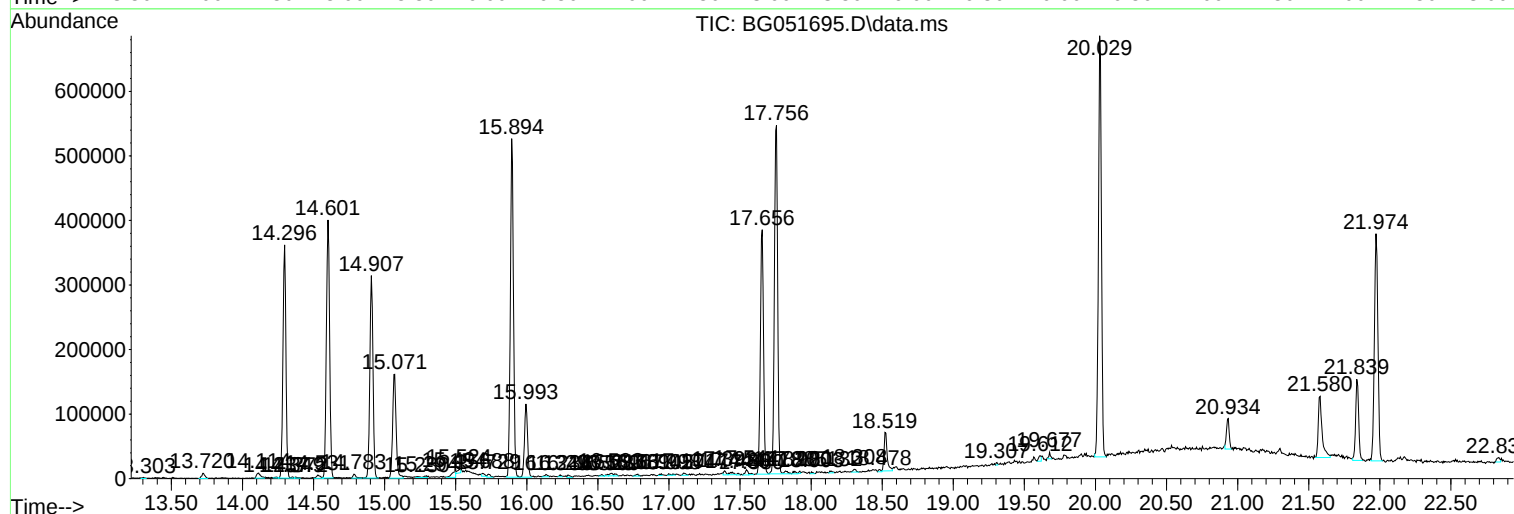
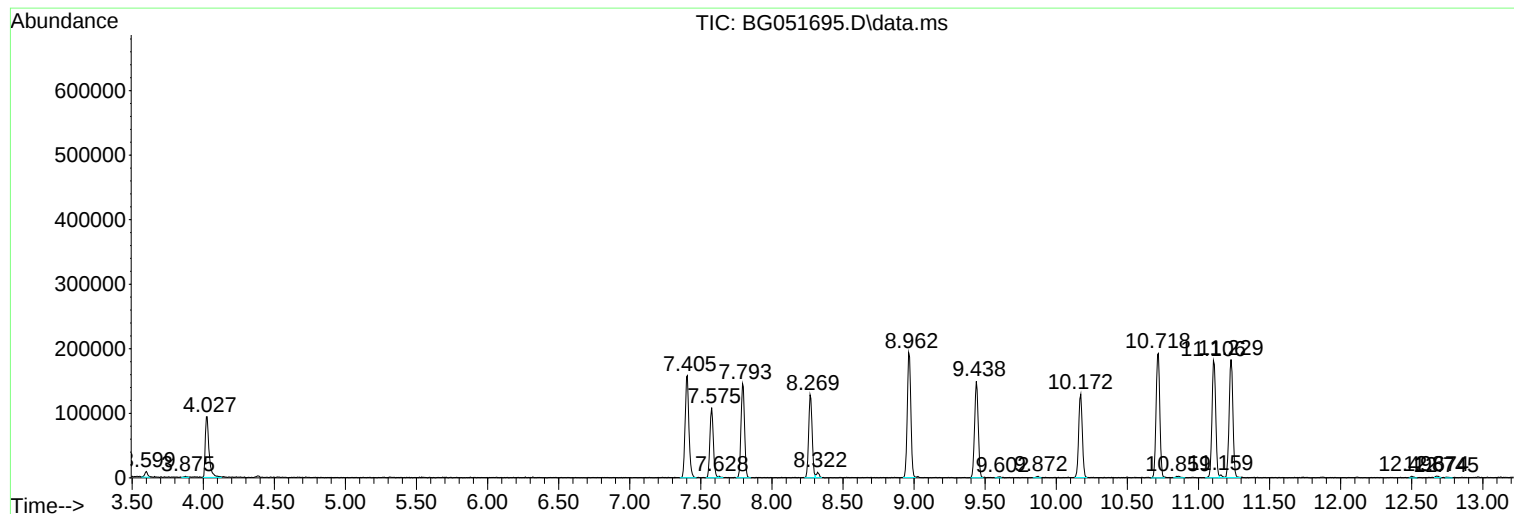
Sum of corrected areas: 11296213

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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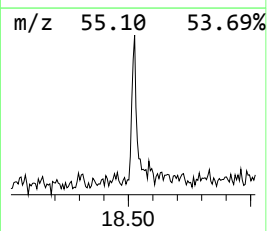
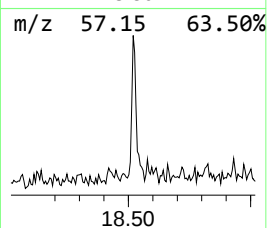
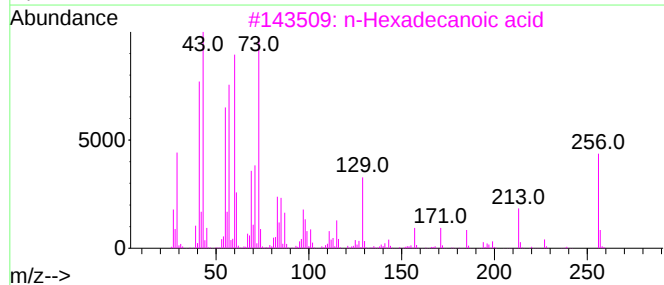
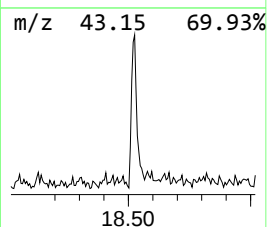
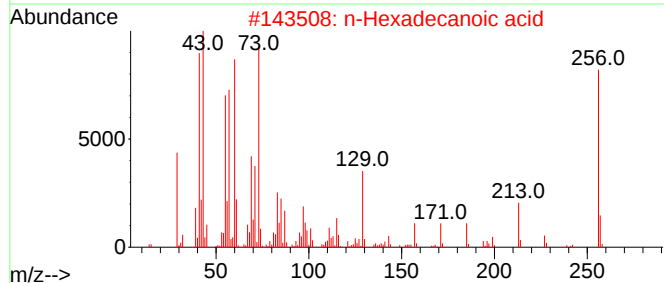
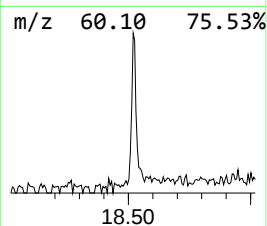
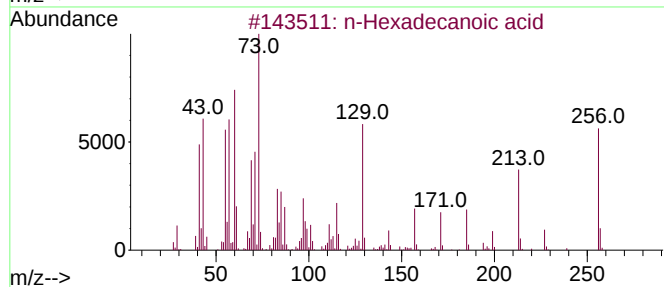
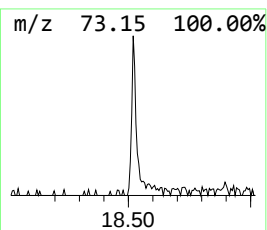
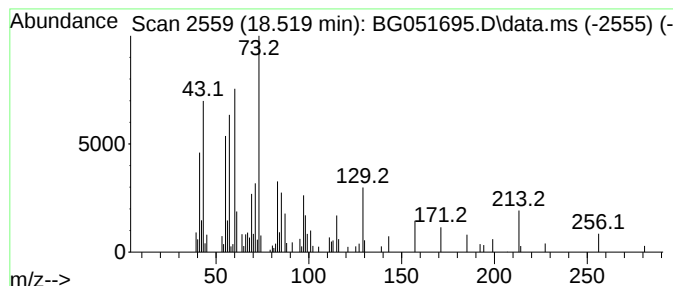
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG121421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.520	3.02 ng/ul	89313	Phenanthrene-d10	17.656

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95		
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94		



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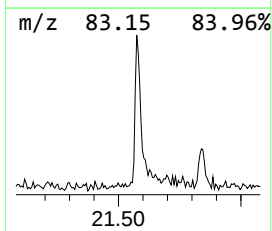
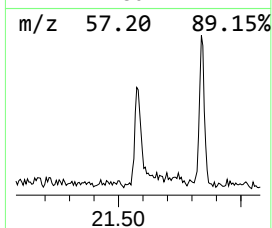
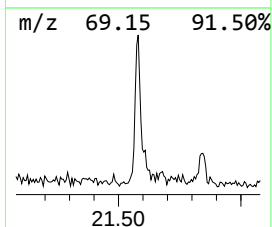
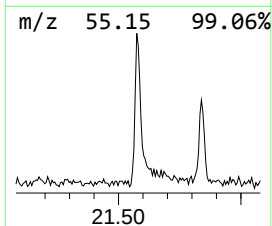
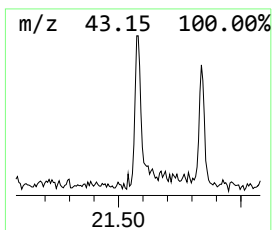
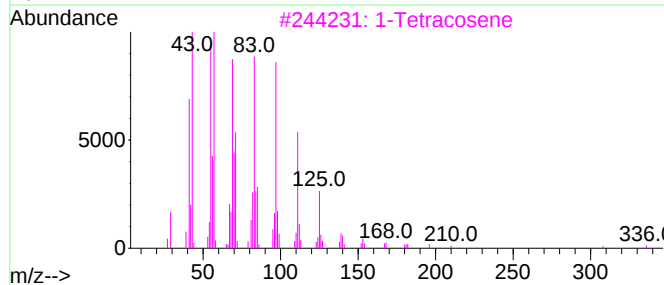
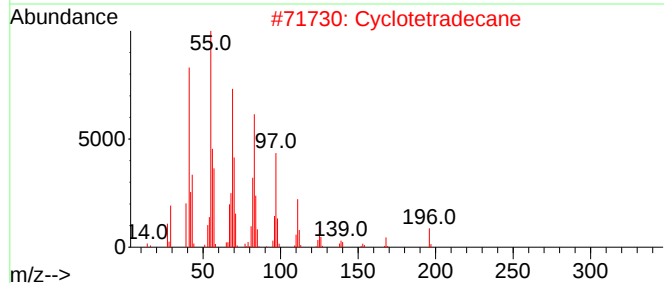
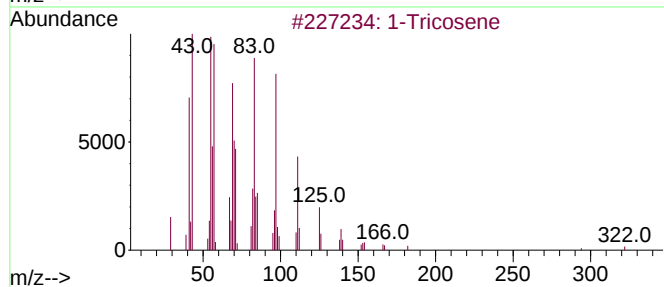
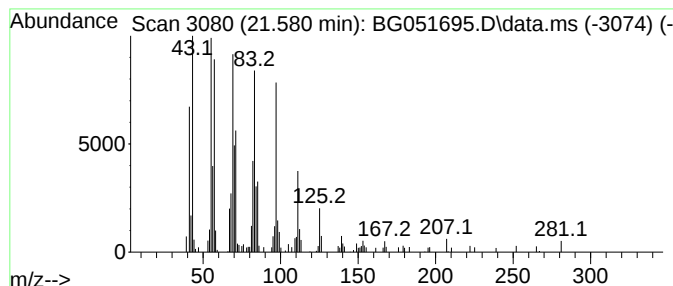
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Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.580	5.80 ng/ul	173467	Chrysene-d12	21.974

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene		322	C23H46	018835-32-0	91
2	Cyclotetradecane		196	C14H28	000295-17-0	91
3	1-Tetracosene		336	C24H48	010192-32-2	91
4	1-Hexacosene		364	C26H52	018835-33-1	91
5	1-Octadecanol		270	C18H38O	000112-92-5	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic ...	18.520	3.0	ng/ul	89313	4	17.656	591452	20.0
(DEL) Alkane: S...	21.580	5.8	ng/ul	173467	5	21.974	597707	20.0