

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
 Data File : BG042099.D
 Acq On : 9 Aug 2019 12:44
 Operator : HP/JU
 Sample : K4147-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AN1

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-BG080319MA.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	3.144	5	9	33	rVB	1241761	2035634	100.00%	12.146%
2	3.414	52	55	62	rVB3	7247	10598	0.52%	0.063%
3	4.078	163	168	175	rVB2	10089	16876	0.83%	0.101%
4	4.172	178	184	189	rBV3	3772	7611	0.37%	0.045%
5	4.530	242	245	249	rBV4	1087	2145	0.11%	0.013%
6	6.551	584	589	593	rVB5	2892	4804	0.24%	0.029%
7	6.710	611	616	621	rVB2	11127	15833	0.78%	0.094%
8	7.016	663	668	674	rVB5	7162	10771	0.53%	0.064%
9	7.186	689	697	708	rBV	136644	260881	12.82%	1.557%
10	7.345	717	724	738	rVB	103970	181880	8.93%	1.085%
11	7.556	754	760	771	rVV	155580	283326	13.92%	1.691%
12	8.026	833	840	849	rVV	237865	414608	20.37%	2.474%
13	8.737	953	961	972	rBV	183193	337712	16.59%	2.015%
14	8.813	972	974	979	rVB2	1607	2110	0.10%	0.013%
15	9.189	1032	1038	1052	rBV	138365	263444	12.94%	1.572%
16	9.636	1111	1114	1118	rBV3	1795	2426	0.12%	0.014%
17	9.924	1156	1163	1173	rBV	127074	232892	11.44%	1.390%
18	10.470	1248	1256	1276	rBV	199436	395491	19.43%	2.360%
19	10.852	1312	1321	1329	rBV	338514	616812	30.30%	3.680%
20	10.981	1336	1343	1364	rBV	157506	327032	16.07%	1.951%
21	12.221	1548	1554	1559	rVB4	2876	4285	0.21%	0.026%
22	12.450	1587	1593	1597	rBV2	3180	5594	0.27%	0.033%
23	13.050	1692	1695	1697	rBV4	1700	2186	0.11%	0.013%
24	13.291	1732	1736	1741	rVB4	2511	4201	0.21%	0.025%
25	13.584	1784	1786	1791	rVB2	1834	2117	0.10%	0.013%
26	14.019	1856	1860	1864	rVB3	2744	3771	0.19%	0.023%
27	14.090	1864	1872	1877	rBV	391649	604507	29.70%	3.607%
28	14.131	1877	1879	1885	rVV	50119	68710	3.38%	0.410%
29	14.378	1908	1921	1930	rBV	454279	760262	37.35%	4.536%
30	14.595	1952	1958	1962	rBV3	8404	12975	0.64%	0.077%
31	14.689	1966	1974	1982	rBV	580274	921072	45.25%	5.496%
32	14.883	2000	2007	2021	rBV	101555	224374	11.02%	1.339%
33	15.106	2041	2045	2048	rVV6	3505	5717	0.28%	0.034%
34	15.224	2063	2065	2070	rVB4	1517	2186	0.11%	0.013%

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35	15.323	2080	2082	2084	rBV3	1736	2234	0.11%	0.013%
36	15.365	2086	2089	2092	rVV4	2180	3412	0.17%	0.020%
37	15.417	2095	2098	2103	rVB5	1856	3288	0.16%	0.020%
38	15.494	2106	2111	2116	rVV4	4608	9148	0.45%	0.055%
39	15.541	2116	2119	2121	rVV4	1945	2065	0.10%	0.012%
40	15.682	2136	2143	2153	rVV	617963	954779	46.90%	5.697%
41	15.799	2157	2163	2173	rVV	158111	245647	12.07%	1.466%
42	15.923	2180	2184	2189	rBV3	8443	13253	0.65%	0.079%
43	16.040	2202	2204	2205	rBV2	2747	2153	0.11%	0.013%
44	16.375	2256	2261	2267	rBV	38767	69408	3.41%	0.414%
45	16.463	2273	2276	2281	rVB6	4688	7079	0.35%	0.042%
46	16.610	2299	2301	2304	rVB4	2260	2170	0.11%	0.013%
47	16.645	2304	2307	2311	rBV5	3159	4698	0.23%	0.028%
48	16.681	2311	2313	2316	rVB4	3223	2829	0.14%	0.017%
49	16.851	2339	2342	2343	rBV3	3070	3555	0.17%	0.021%
50	17.439	2436	2442	2449	rBV	669074	1054930	51.82%	6.294%
51	17.539	2452	2459	2468	rVB2	647076	998086	49.03%	5.955%
52	17.809	2503	2505	2510	rVB5	4129	3636	0.18%	0.022%
53	18.332	2589	2594	2601	rBV3	69802	132140	6.49%	0.788%
54	19.260	2749	2752	2760	rVB9	38621	58025	2.85%	0.346%
55	19.830	2843	2849	2857	rVB	854382	1201098	59.00%	7.167%
56	21.363	3106	3110	3123	rBV	153890	273539	13.44%	1.632%
57	21.722	3165	3171	3182	rBV2	682716	1167335	57.35%	6.965%
58	24.771	3681	3690	3701	rVB	436309	1259843	61.89%	7.517%
59	24.994	3719	3728	3738	rBV2	426443	1240401	60.93%	7.401%

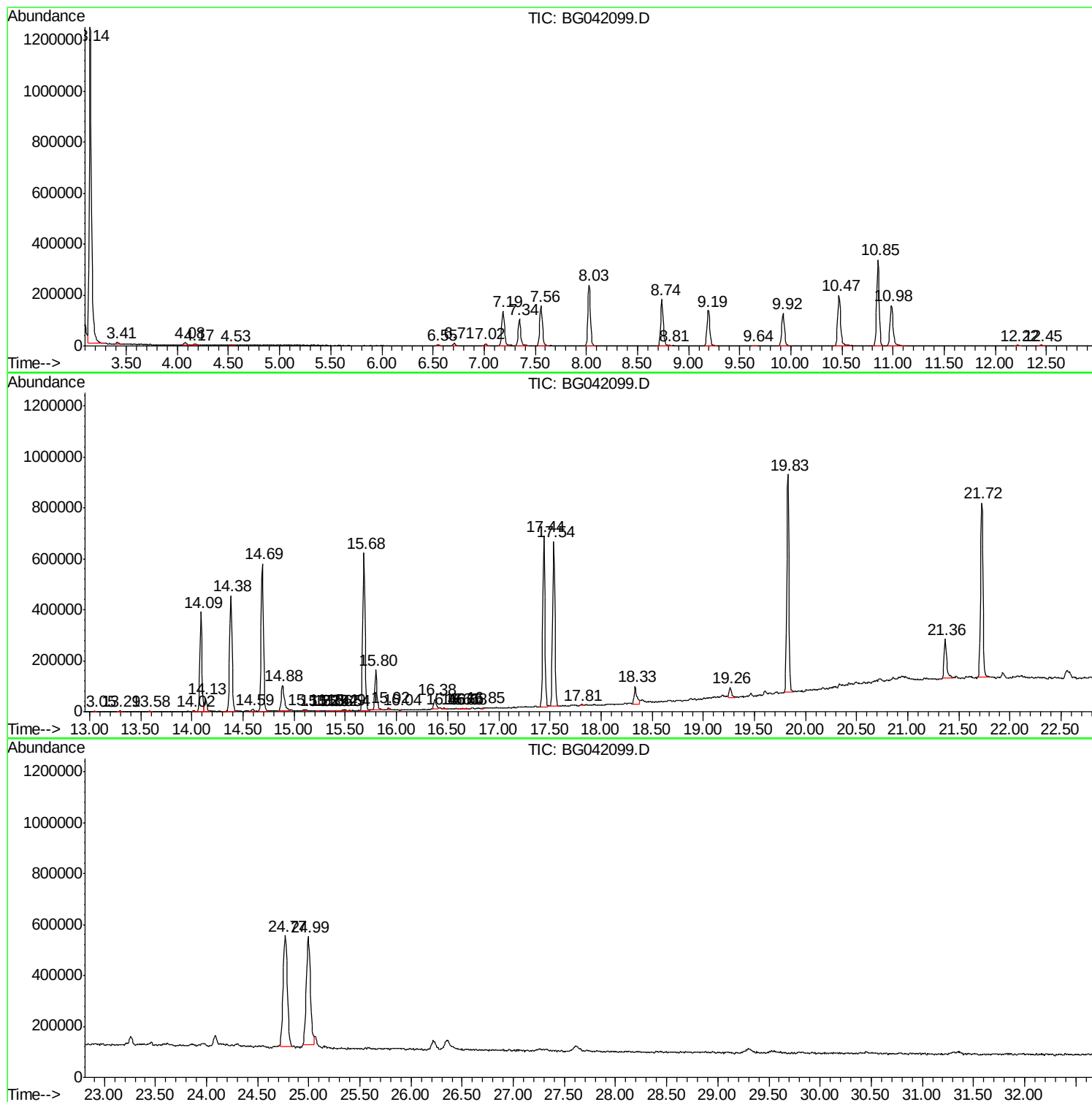
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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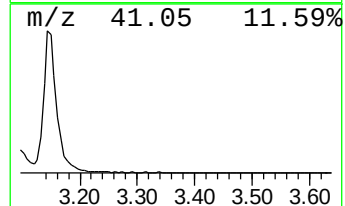
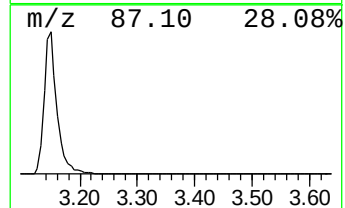
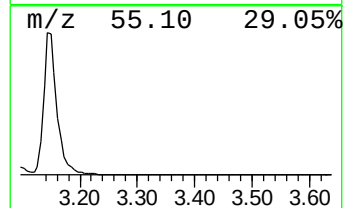
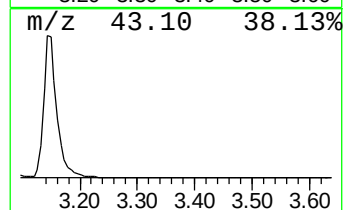
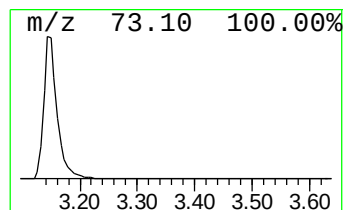
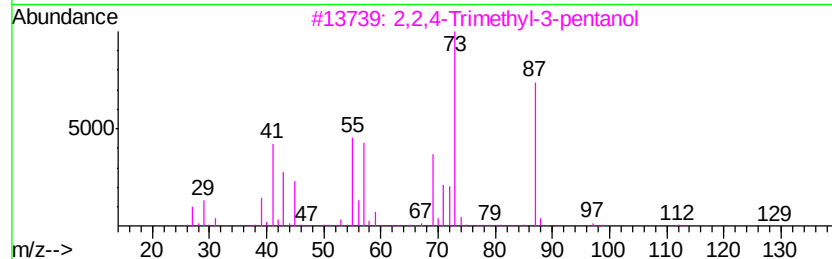
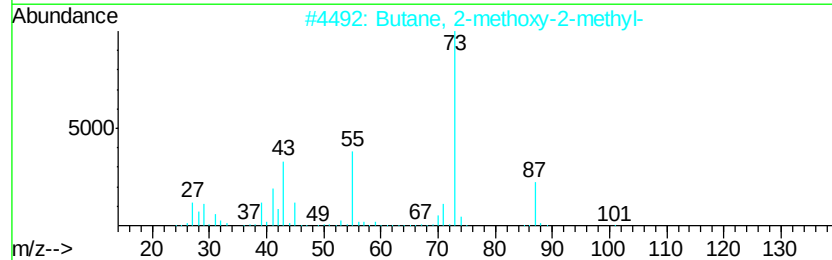
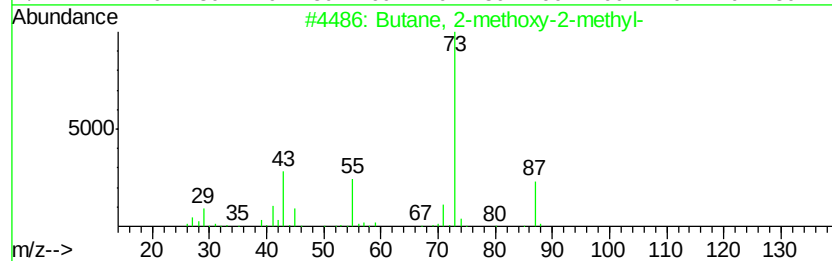
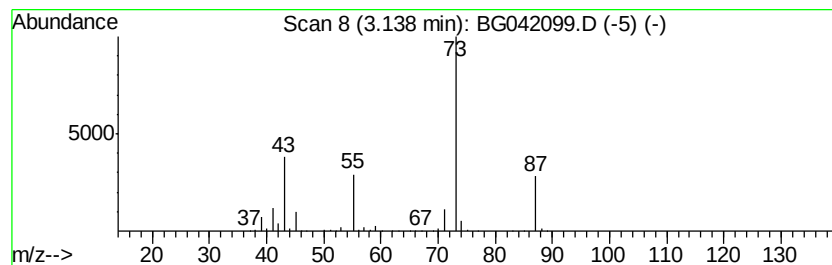
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	98.20 ng/ul	2035630	1,4-Dichlorobenzene-d4	8.03

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27



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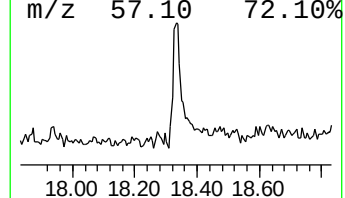
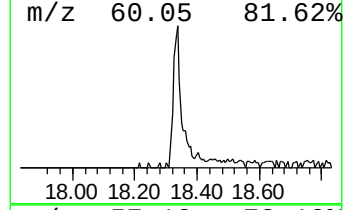
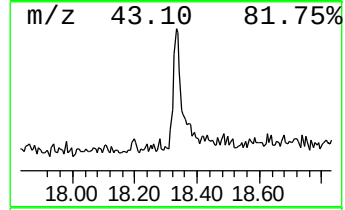
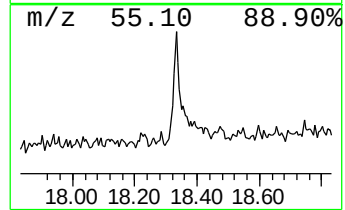
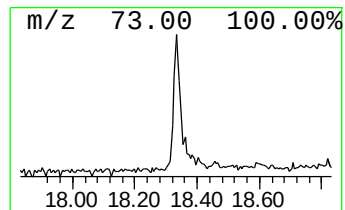
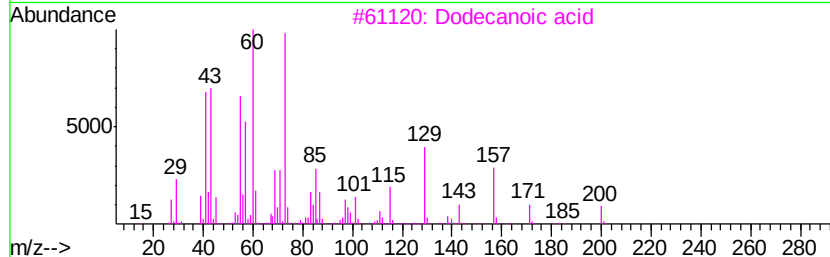
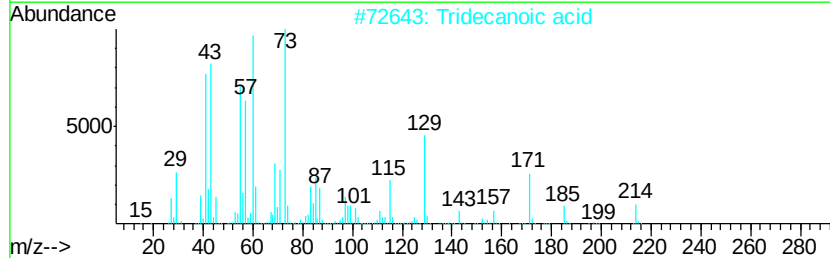
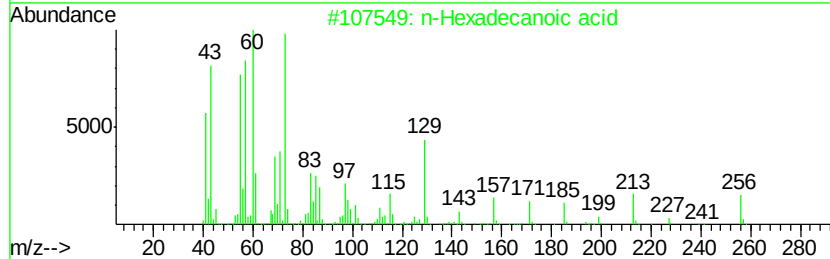
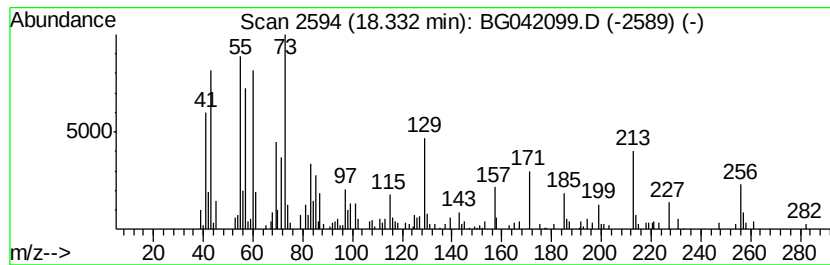
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.33	2.51 ng/ul	132140	Phenanthrene-d10	17.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	60
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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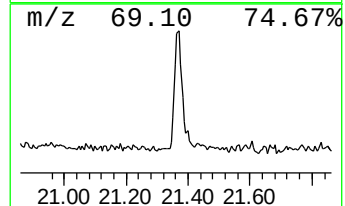
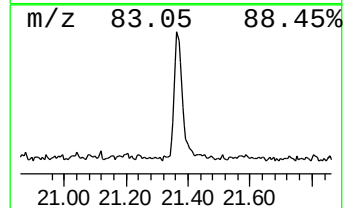
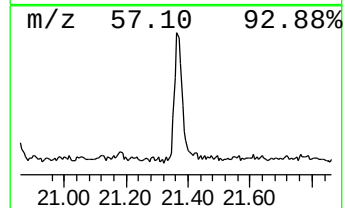
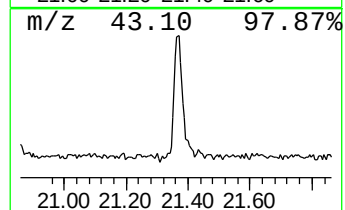
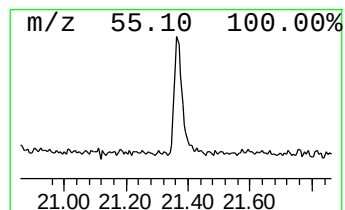
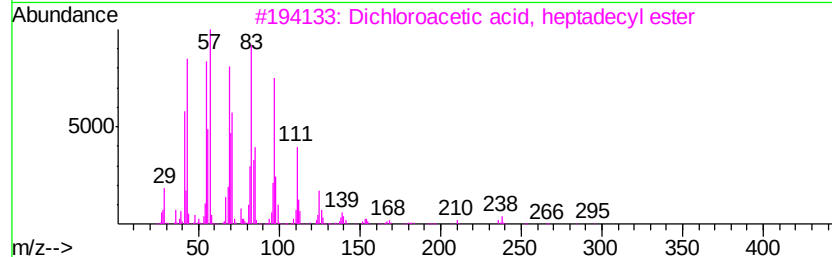
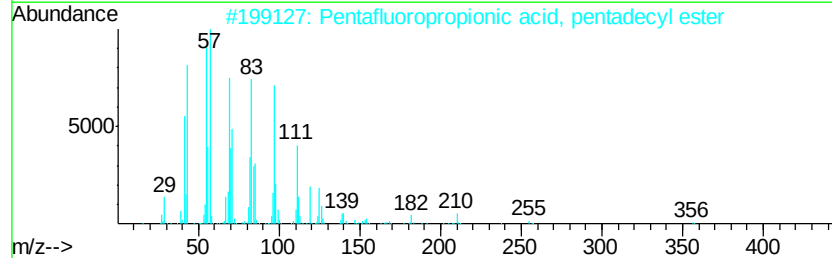
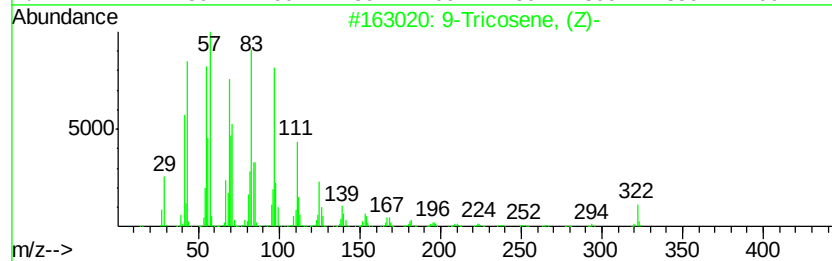
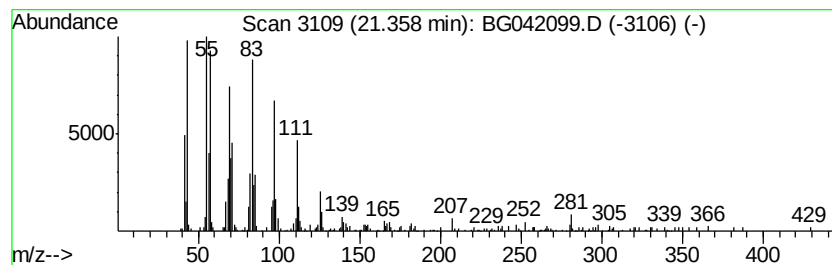
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Peak Number 3 (DEL) Alkane: Cyclic21.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.69 ng/ul	273539	Chrysene-d12	21.72
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9-Tricosene, (Z)-	322 C23H46	027519-02-4	97
2	Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1	94
3	Dichloroacetic acid, heptadecyl ...	366 C19H36Cl2O2	1000282-98-2	94
4	Octacosanol	410 C28H58O	000557-61-9	94
5	1-Heneicosanol	312 C21H44O	015594-90-8	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.14	98.2	ng/ul	2035630	1	8.03	414608	20.0
n-Hexadecanoic acid	18.33	2.5	ng/ul	132140	4	17.44	1054930	20.0
(DEL) Alkane: Cyc...	21.36	4.7	ng/ul	273539	5	21.72	1167340	20.0