

Data Path : Z:\HPCHEM1\BNA M\DATA\BM013118\
 Data File : BM014046.D
 Acq On : 31 Jan 2018 22:17
 Operator : SJ/JU
 Sample : J1314-12
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C49

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.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	3.122	19	23	29	rBV5	26309	32492	1.12%	0.102%
2	6.751	633	640	653	rBV	347169	685159	23.58%	2.151%
3	6.910	658	667	681	rBV	296129	493931	17.00%	1.551%
4	7.098	692	699	711	rBV	416885	726287	25.00%	2.280%
5	7.557	768	777	790	rBV	373462	670595	23.08%	2.105%
6	8.275	893	899	910	rBV	470786	892986	30.73%	2.803%
7	8.716	967	974	991	rBV	425019	795872	27.39%	2.498%
8	9.434	1089	1096	1110	rBV	378936	726557	25.00%	2.281%
9	9.975	1180	1188	1205	rBV	489205	1001730	34.47%	3.145%
10	10.334	1242	1249	1258	rBV	565316	931597	32.06%	2.924%
11	10.486	1268	1275	1299	rBV	394501	919202	31.63%	2.886%
12	13.633	1804	1810	1815	rBV	1131163	1619528	55.74%	5.084%
13	13.686	1815	1819	1832	rVB	209870	366529	12.61%	1.151%
14	13.904	1849	1856	1871	rBV	1266436	1903235	65.50%	5.975%
15	14.122	1886	1893	1898	rBV3	47063	67495	2.32%	0.212%
16	14.216	1902	1909	1920	rVV2	842317	1293228	44.51%	4.060%
17	14.463	1946	1951	1967	rBV	218397	585391	20.15%	1.838%
18	15.027	2042	2047	2052	rBV4	15893	29636	1.02%	0.093%
19	15.080	2052	2056	2060	rVB2	70122	85910	2.96%	0.270%
20	15.216	2073	2079	2090	rBV	1558076	2325065	80.02%	7.299%
21	15.363	2099	2104	2117	rBV	404180	708914	24.40%	2.225%
22	15.463	2117	2121	2130	rVB6	27978	65366	2.25%	0.205%
23	15.945	2198	2203	2211	rBV2	70200	116604	4.01%	0.366%
24	16.739	2332	2338	2341	rBV2	38203	53125	1.83%	0.167%
25	16.974	2370	2378	2385	rBV2	1127546	1582691	54.47%	4.968%
26	17.068	2388	2394	2409	rVV	1574850	2524042	86.86%	7.923%
27	17.480	2460	2464	2468	rBV5	21965	30771	1.06%	0.097%
28	17.880	2527	2532	2542	rBV2	310701	503922	17.34%	1.582%
29	19.027	2722	2727	2729	rBV4	26946	44454	1.53%	0.140%
30	19.168	2747	2751	2759	rBV2	177115	286582	9.86%	0.900%
31	19.380	2781	2787	2795	rBV	2060138	2905715	100.00%	9.122%
32	20.898	3040	3045	3057	rBV2	323494	556412	19.15%	1.747%
33	21.180	3088	3093	3103	rBV	1347464	1817136	62.54%	5.704%
34	23.227	3434	3441	3448	rVB	1485072	2803334	96.48%	8.800%

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Stop Thrs : 0 Peak Location: TOP

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35	23.362	3458	3464	3475	rVB	867029	1703997	58.64%	5.349%
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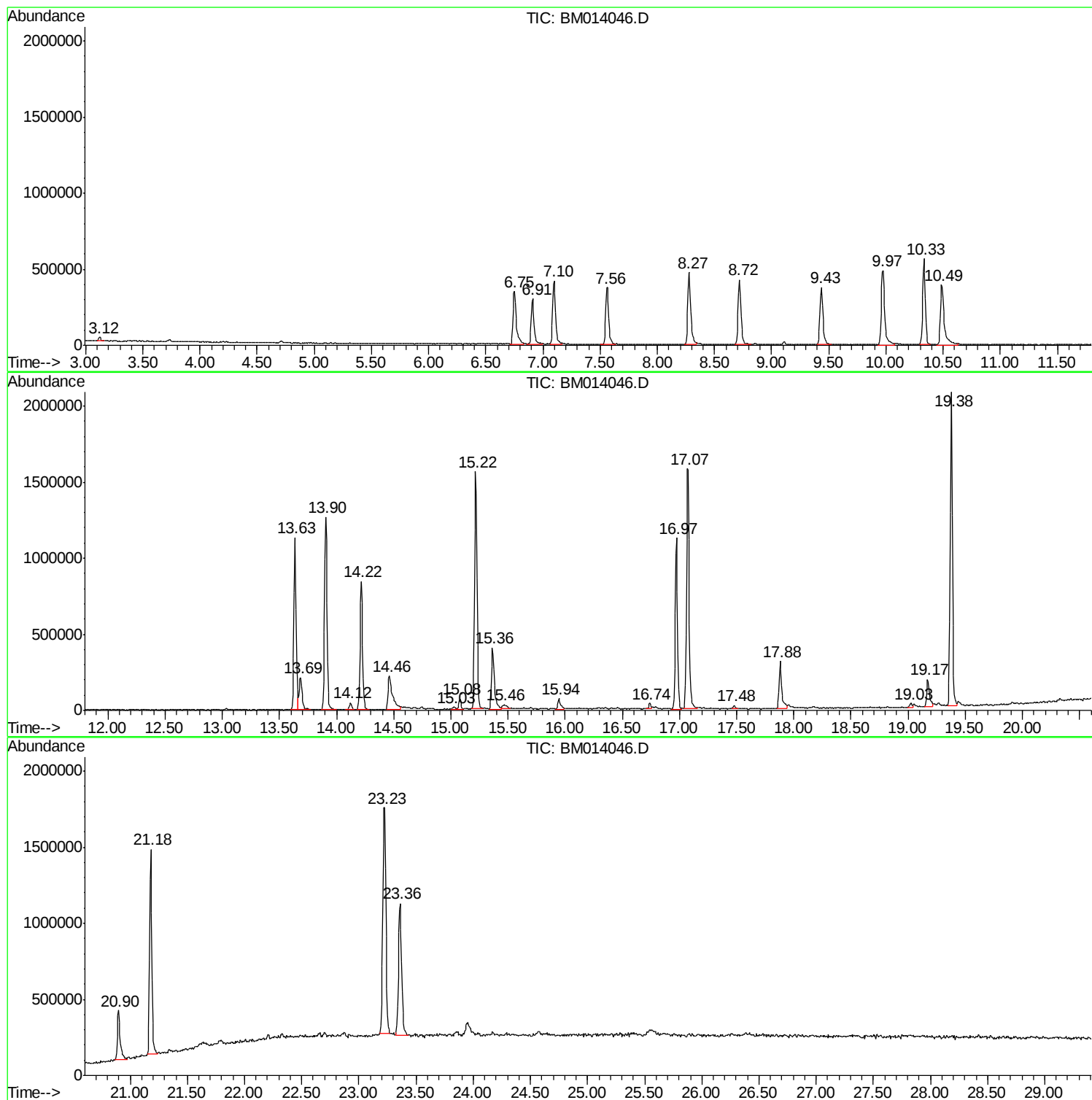
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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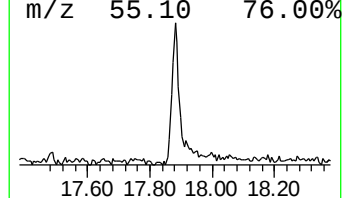
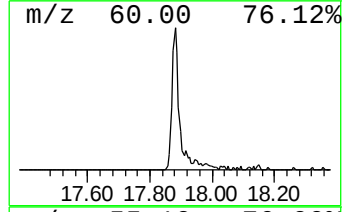
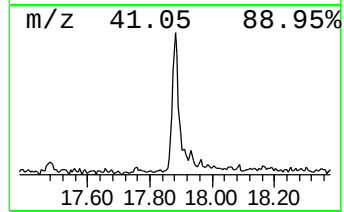
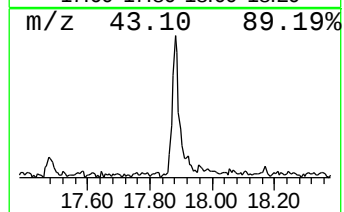
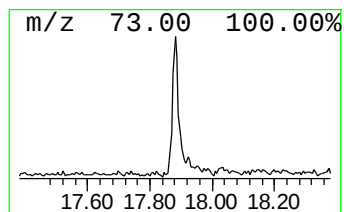
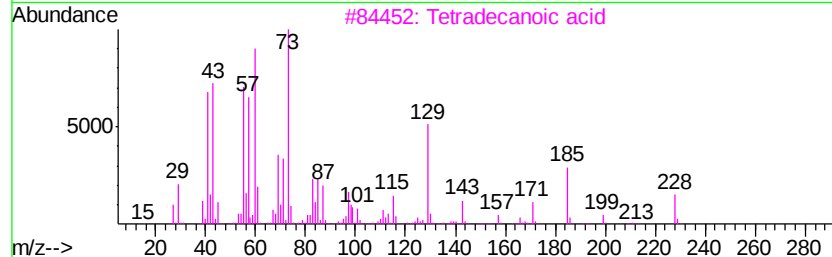
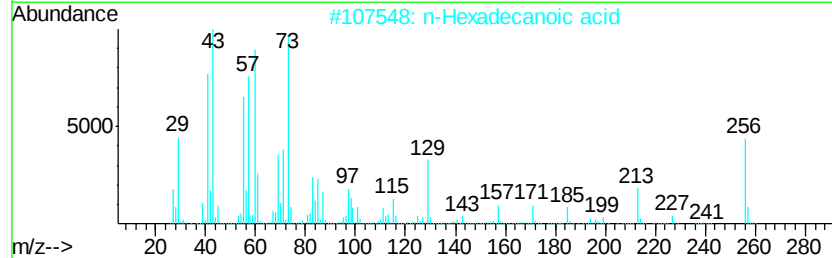
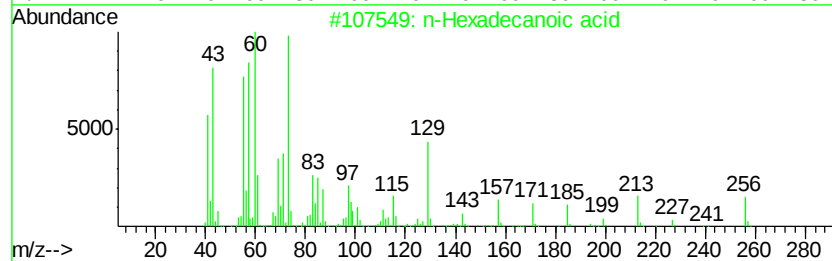
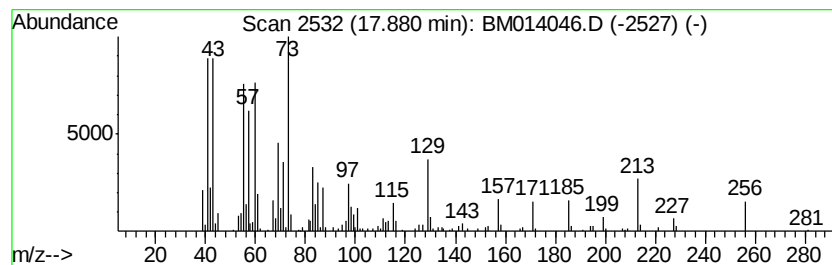
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.88	6.37 ng/ul	503922	Phenanthrene-d10		16.97	
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	95	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	



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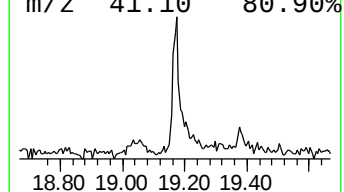
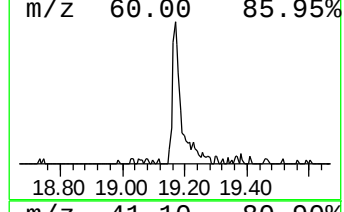
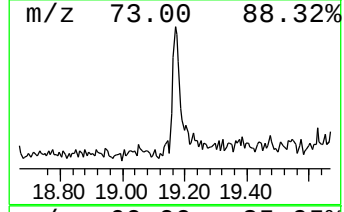
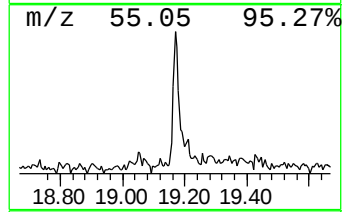
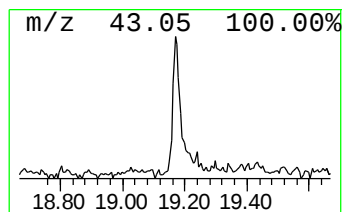
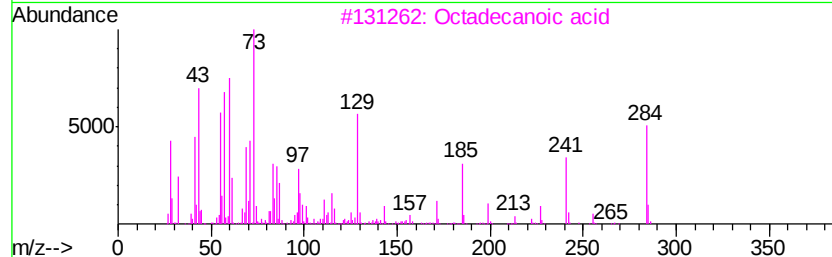
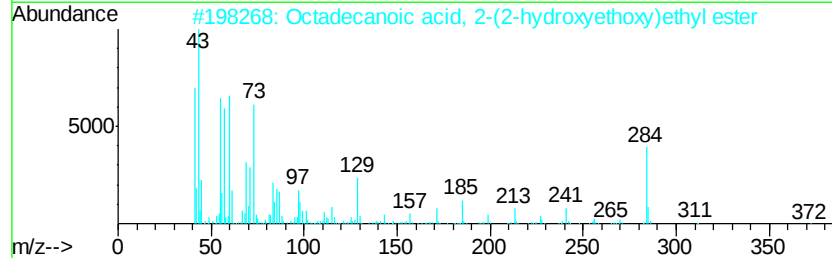
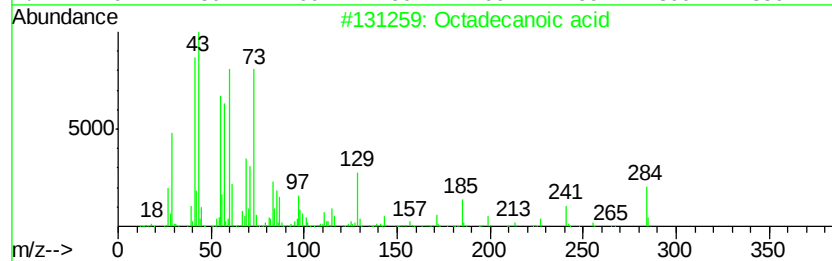
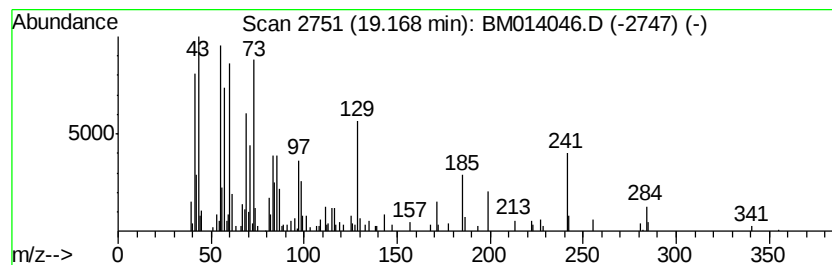
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	3.15 ng/ul	286582	Chrysene-d12	21.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	86
2			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
3			Octadecanoic acid	284	C18H36O2	000057-11-4	60
4			Octadecanoic acid	284	C18H36O2	000057-11-4	52
5			n-Decanoic acid	172	C10H20O2	000334-48-5	46



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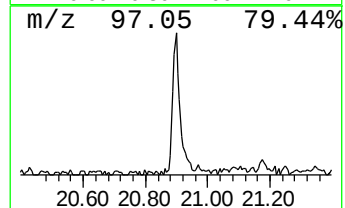
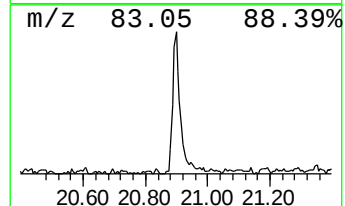
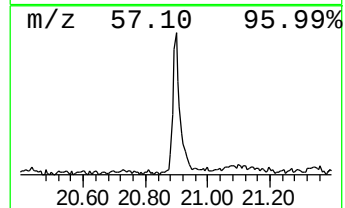
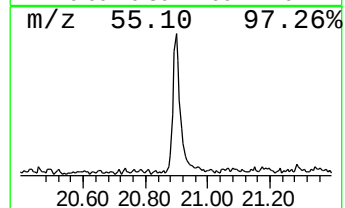
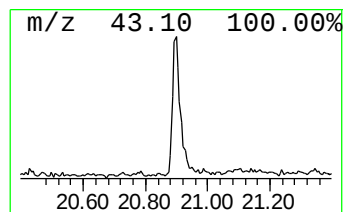
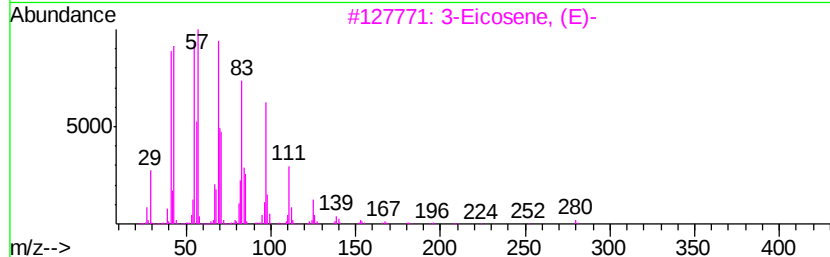
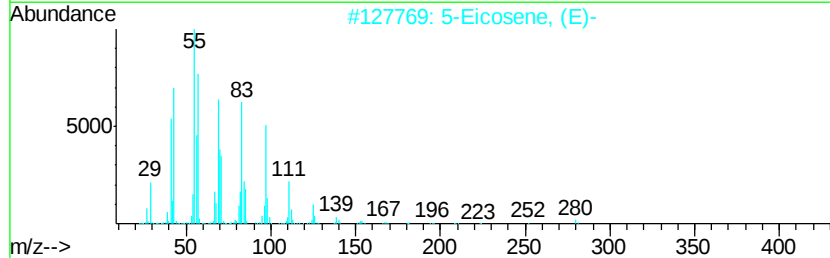
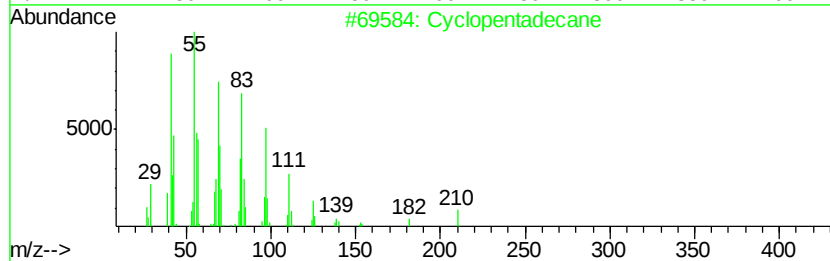
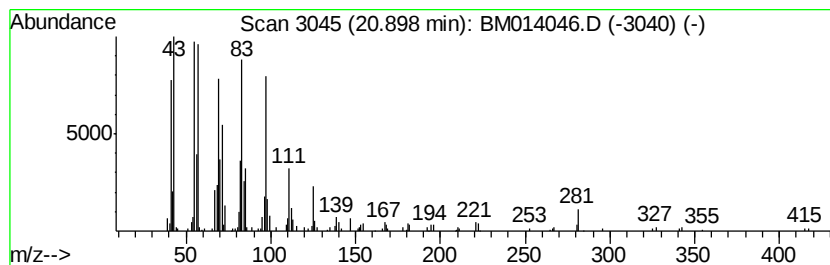
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	6.12 ng/ul	556412	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	98
2		5-Eicosene, (E)-	280	C20H40	074685-30-6	97
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	96
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
5		1-Heptacosanol	396	C27H56O	002004-39-9	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	6.4	ng/ul	503922	4	16.97	1582690	20.0
Octadecanoic acid	19.17	3.1	ng/ul	286582	5	21.18	1817140	20.0
(DEL) Alkane: Cyc...	20.90	6.1	ng/ul	556412	5	21.18	1817140	20.0