

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014409.D
 Acq On : 28 Feb 2018 19:31
 Operator : SJ/JU
 Sample : J1679-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE602

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-BM021418.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	3.793	132	137	143	rVB2	31135	50267	1.64%	0.172%
2	6.722	629	635	652	rVV2	259659	550483	18.00%	1.882%
3	6.869	653	660	672	rVB	227090	390515	12.77%	1.335%
4	7.057	685	692	705	rBV	328764	581074	19.00%	1.986%
5	7.516	764	770	780	rVB	255795	434712	14.21%	1.486%
6	8.245	886	894	908	rBV2	396467	793482	25.94%	2.713%
7	8.675	960	967	982	rBV	360741	658379	21.52%	2.251%
8	9.392	1083	1089	1104	rBV2	319538	616114	20.14%	2.106%
9	9.934	1173	1181	1193	rBV	381653	779294	25.48%	2.664%
10	10.286	1234	1241	1252	rVB	430963	715677	23.40%	2.447%
11	10.451	1260	1269	1284	rBV	351302	819499	26.79%	2.802%
12	13.598	1798	1804	1809	rBV	1052476	1496156	48.91%	5.115%
13	13.645	1809	1812	1821	rVB	165844	250743	8.20%	0.857%
14	13.863	1842	1849	1862	rBV	1132822	1701886	55.64%	5.818%
15	14.080	1880	1886	1891	rBV	31197	43961	1.44%	0.150%
16	14.174	1894	1902	1912	rBV2	690279	1086408	35.52%	3.714%
17	14.451	1943	1949	1964	rBV2	206839	613293	20.05%	2.097%
18	15.039	2044	2049	2053	rBV2	45539	59826	1.96%	0.205%
19	15.180	2067	2073	2083	rBV	1399456	2067920	67.60%	7.070%
20	15.345	2096	2101	2111	rBV	360086	618743	20.23%	2.115%
21	15.433	2111	2116	2122	rVB8	25234	54361	1.78%	0.186%
22	15.904	2191	2196	2203	rBV3	45245	72699	2.38%	0.249%
23	16.939	2363	2372	2380	rBV	977434	1411842	46.16%	4.827%
24	17.039	2382	2389	2401	rVV	1651394	2390514	78.15%	8.172%
25	17.845	2521	2526	2537	rBV2	280102	478346	15.64%	1.635%
26	18.986	2715	2720	2724	rBV6	44062	79723	2.61%	0.273%
27	19.015	2724	2725	2732	rVB7	26366	40977	1.34%	0.140%
28	19.139	2740	2746	2758	rBV3	104827	204674	6.69%	0.700%
29	19.345	2775	2781	2788	rBV	2070659	2807134	91.77%	9.597%
30	19.415	2789	2793	2798	rVB6	51240	95070	3.11%	0.325%
31	20.233	2928	2932	2935	rBV6	22142	35250	1.15%	0.121%
32	20.868	3036	3040	3045	rBV	510981	648407	21.20%	2.217%
33	21.150	3083	3088	3097	rBV	1344239	1838597	60.11%	6.286%
34	23.192	3429	3435	3441	rVB2	1759970	3058841	100.00%	10.457%

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Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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35	23.327	3452	3458	3466	rVB	923637	1706390	55.79%	5.834%
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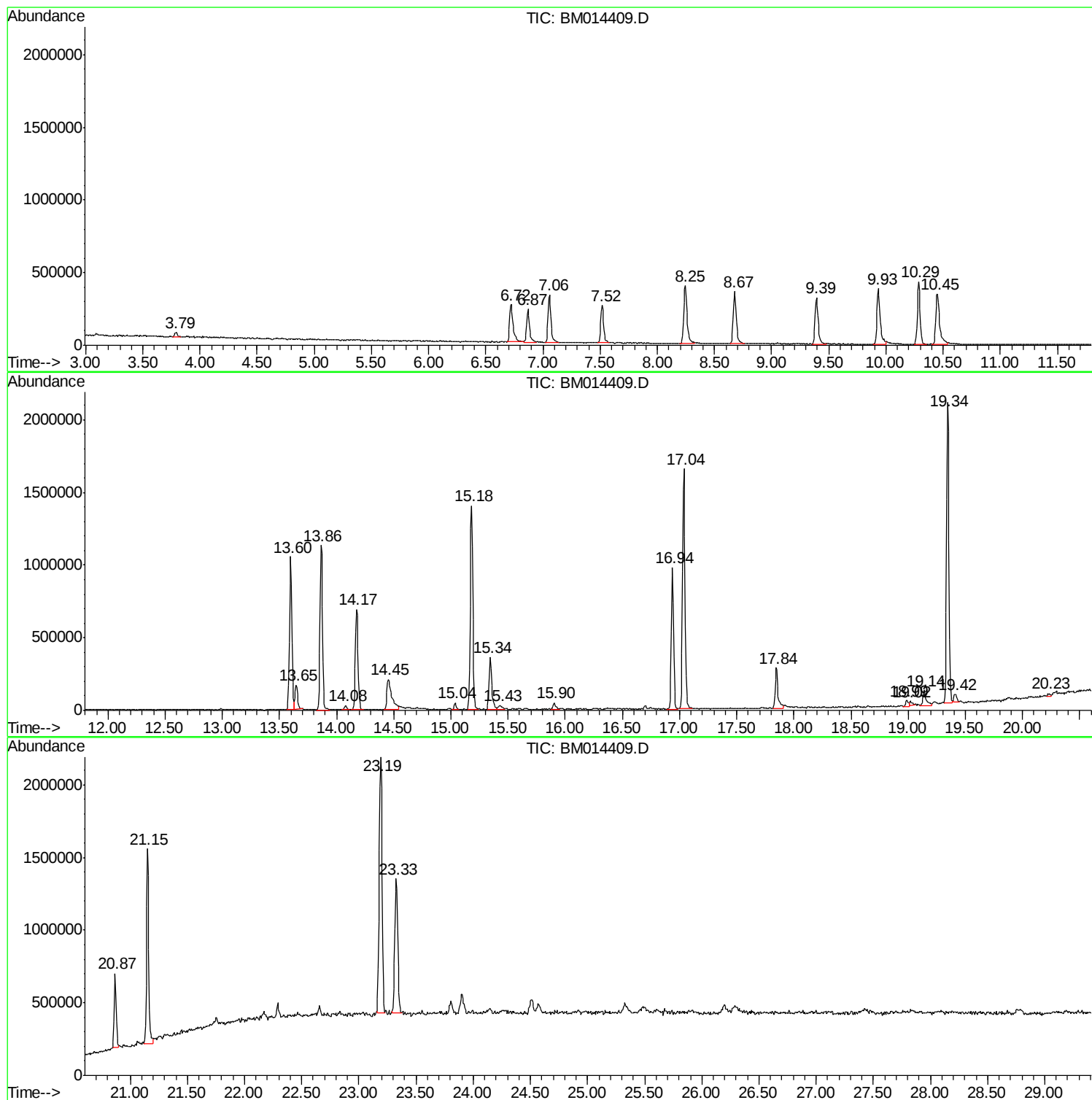
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Quant Title : SVOA CALIBRATION

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



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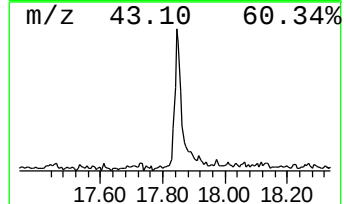
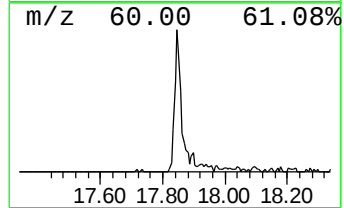
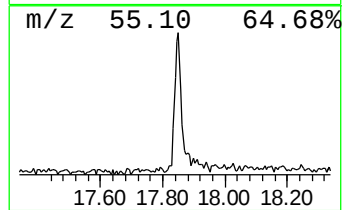
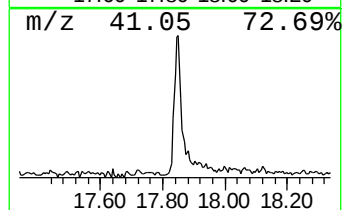
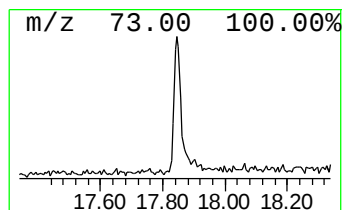
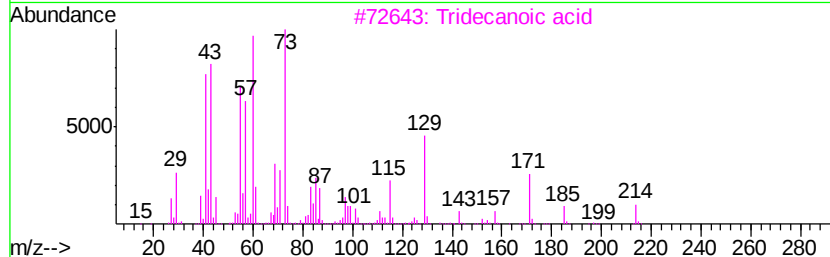
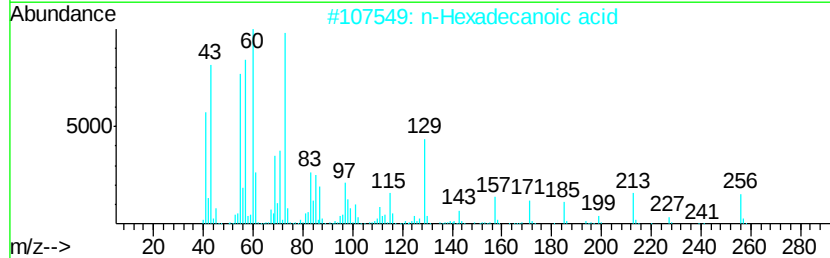
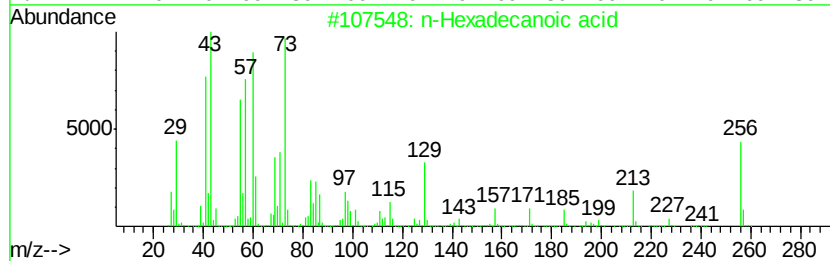
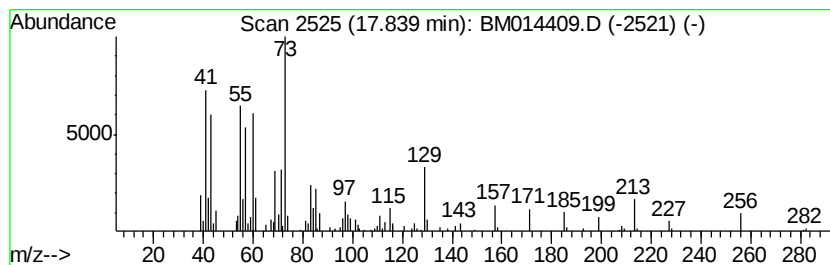
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.84	6.78 ng/ul	478346	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81



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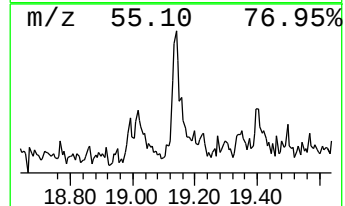
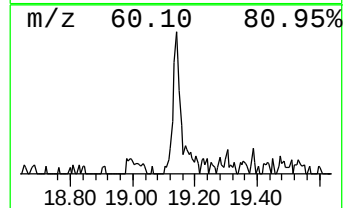
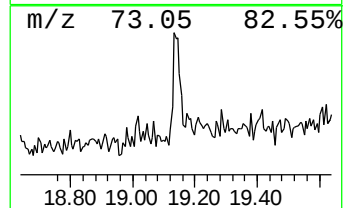
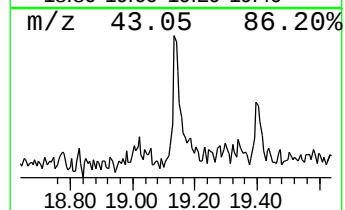
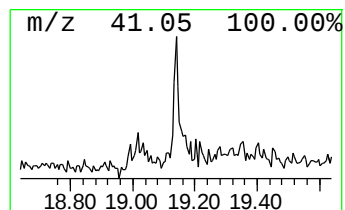
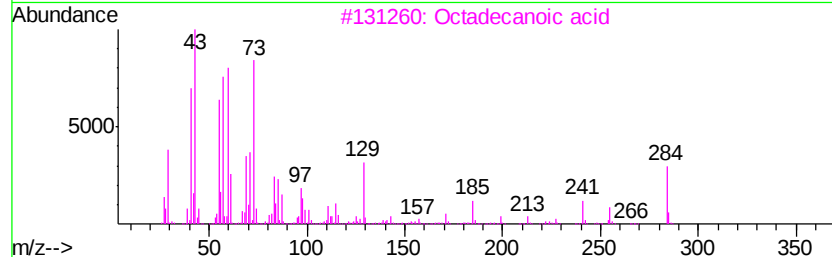
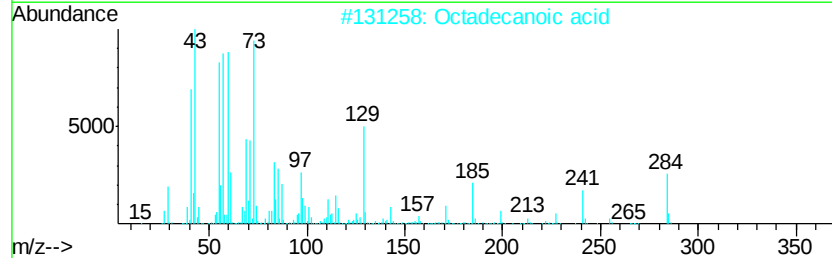
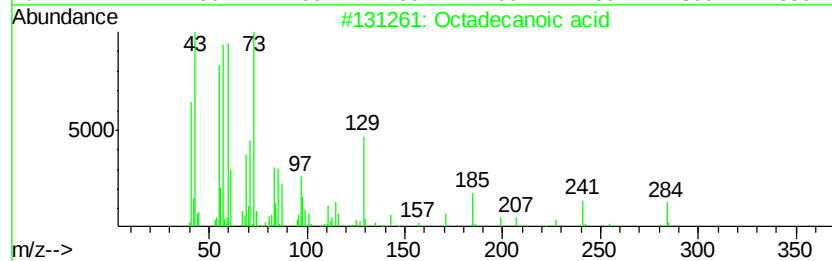
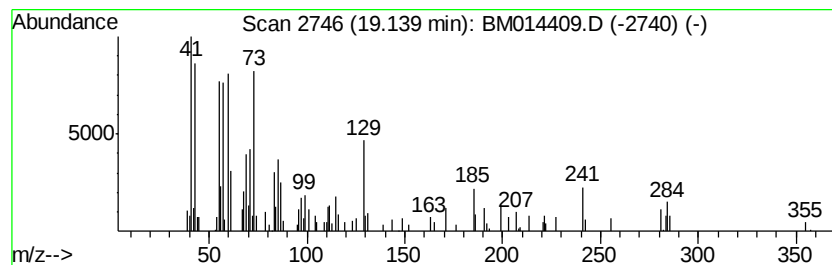
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Peak Number 3 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.23 ng/ul	204674	Chrysene-d12	21.15
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecanoic acid	284 C18H36O2	000057-11-4	94
2	Octadecanoic acid	284 C18H36O2	000057-11-4	91
3	Octadecanoic acid	284 C18H36O2	000057-11-4	89
4	Octadecanoic acid	284 C18H36O2	000057-11-4	76
5	Octadecanoic acid	284 C18H36O2	000057-11-4	74



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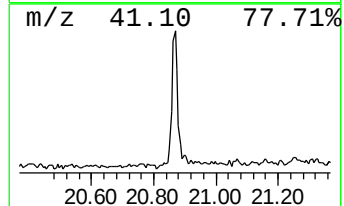
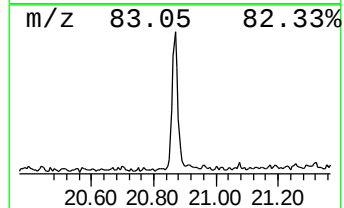
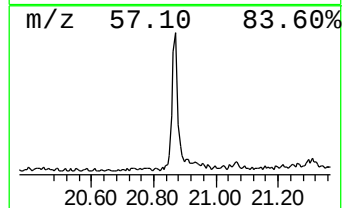
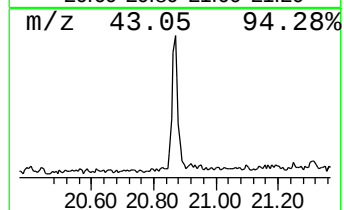
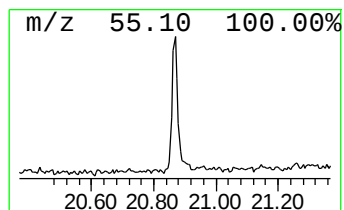
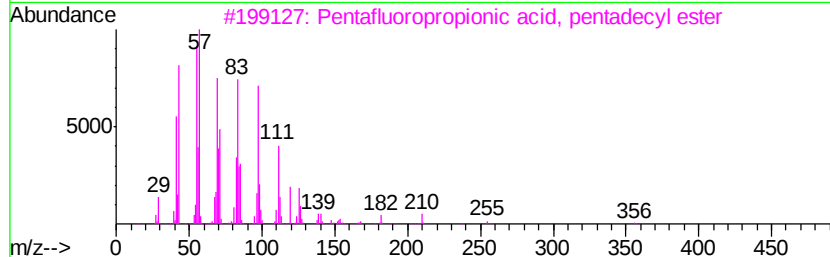
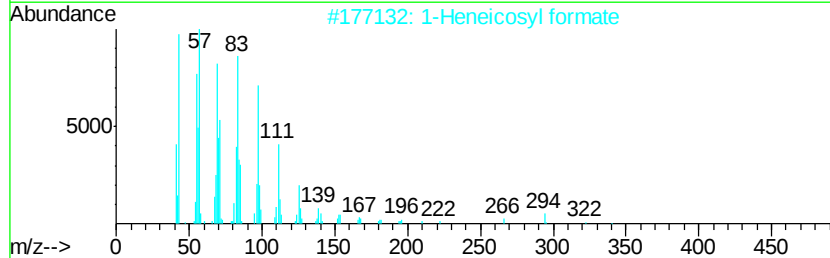
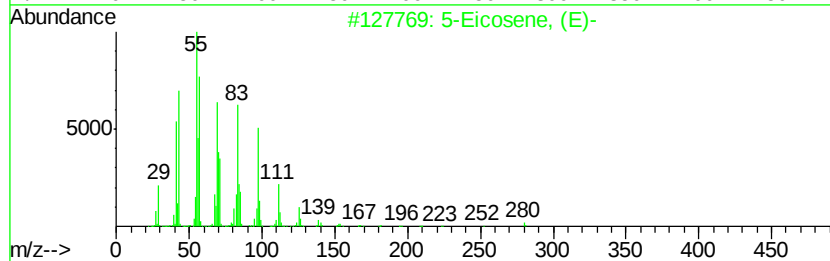
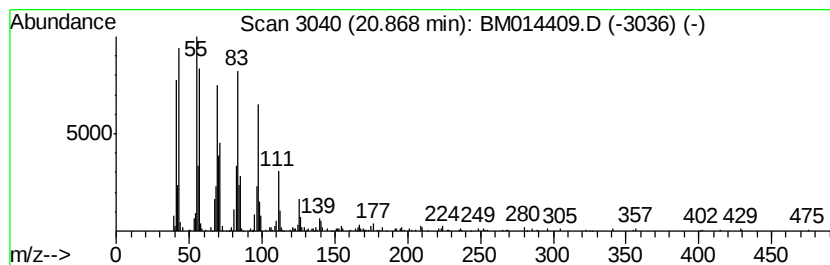
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Peak Number 4 (DEL) Alkane: Cyclic20.87 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	7.05 ng/ul	648407	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
4		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.84	6.8	ng/ul	478346	4	16.94	1411840	20.0
Octadecanoic acid	19.14	2.2	ng/ul	204674	5	21.15	1838600	20.0
(DEL) Alkane: Cyc...	20.87	7.0	ng/ul	648407	5	21.15	1838600	20.0