

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
 Data File : BM013957.D
 Acq On : 29 Jan 2018 14:11
 Operator : SJ/JU
 Sample : J1295-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C03

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-BM011018.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	3.128	18	24	29	rBV2	34155	50995	1.44%	0.129%
2	6.757	635	641	659	rBV	575294	1134189	31.93%	2.874%
3	6.916	663	668	682	rVV	453908	738096	20.78%	1.870%
4	7.110	693	701	712	rBV	664981	1107288	31.18%	2.805%
5	7.569	771	779	789	rBV	431236	726625	20.46%	1.841%
6	8.287	895	901	919	rBV	732575	1327483	37.37%	3.363%
7	8.728	968	976	985	rBV	654812	1115841	31.42%	2.827%
8	9.445	1091	1098	1111	rBV	562729	1039663	29.27%	2.634%
9	9.981	1182	1189	1203	rBV	745084	1424089	40.09%	3.608%
10	10.345	1244	1251	1259	rVB	565532	967698	27.25%	2.452%
11	10.498	1268	1277	1291	rBV	649784	1289909	36.32%	3.268%
12	13.645	1806	1812	1816	rBV	1508892	2111233	59.44%	5.349%
13	13.692	1816	1820	1829	rVB	402651	617298	17.38%	1.564%
14	13.916	1851	1858	1865	rBV	1724028	2500730	70.41%	6.336%
15	14.133	1888	1895	1904	rVB3	49110	74558	2.10%	0.189%
16	14.227	1904	1911	1919	rBV2	802435	1277931	35.98%	3.238%
17	14.468	1945	1952	1967	rBV2	367431	882720	24.85%	2.236%
18	15.033	2042	2048	2052	rBV	29677	44644	1.26%	0.113%
19	15.086	2052	2057	2063	rVB3	64967	91984	2.59%	0.233%
20	15.227	2074	2081	2089	rBV	1945172	2920507	82.23%	7.399%
21	15.368	2099	2105	2119	rBV	536846	913736	25.73%	2.315%
22	15.951	2200	2204	2212	rBV2	57175	99767	2.81%	0.253%
23	16.745	2335	2339	2346	rBV6	41652	72214	2.03%	0.183%
24	16.980	2373	2379	2386	rBV	1098245	1536206	43.25%	3.892%
25	17.080	2390	2396	2405	rVV2	2210939	3186873	89.73%	8.074%
26	17.886	2526	2533	2542	rBV	394588	641051	18.05%	1.624%
27	17.956	2542	2545	2549	rVB	37274	59853	1.69%	0.152%
28	19.027	2723	2727	2729	rBV2	44526	61372	1.73%	0.155%
29	19.180	2748	2753	2764	rBV2	203866	381442	10.74%	0.966%
30	19.386	2782	2788	2795	rBV	2552183	3551810	100.00%	8.999%
31	20.903	3042	3046	3056	rVB	413223	654896	18.44%	1.659%
32	21.180	3088	3093	3102	rBV	1203780	1792520	50.47%	4.542%
33	23.233	3435	3442	3450	rVB	1894328	3486317	98.16%	8.833%
34	23.368	3459	3465	3473	rVB	810758	1588050	44.71%	4.023%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 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

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Title : SVOA CALIBRATION

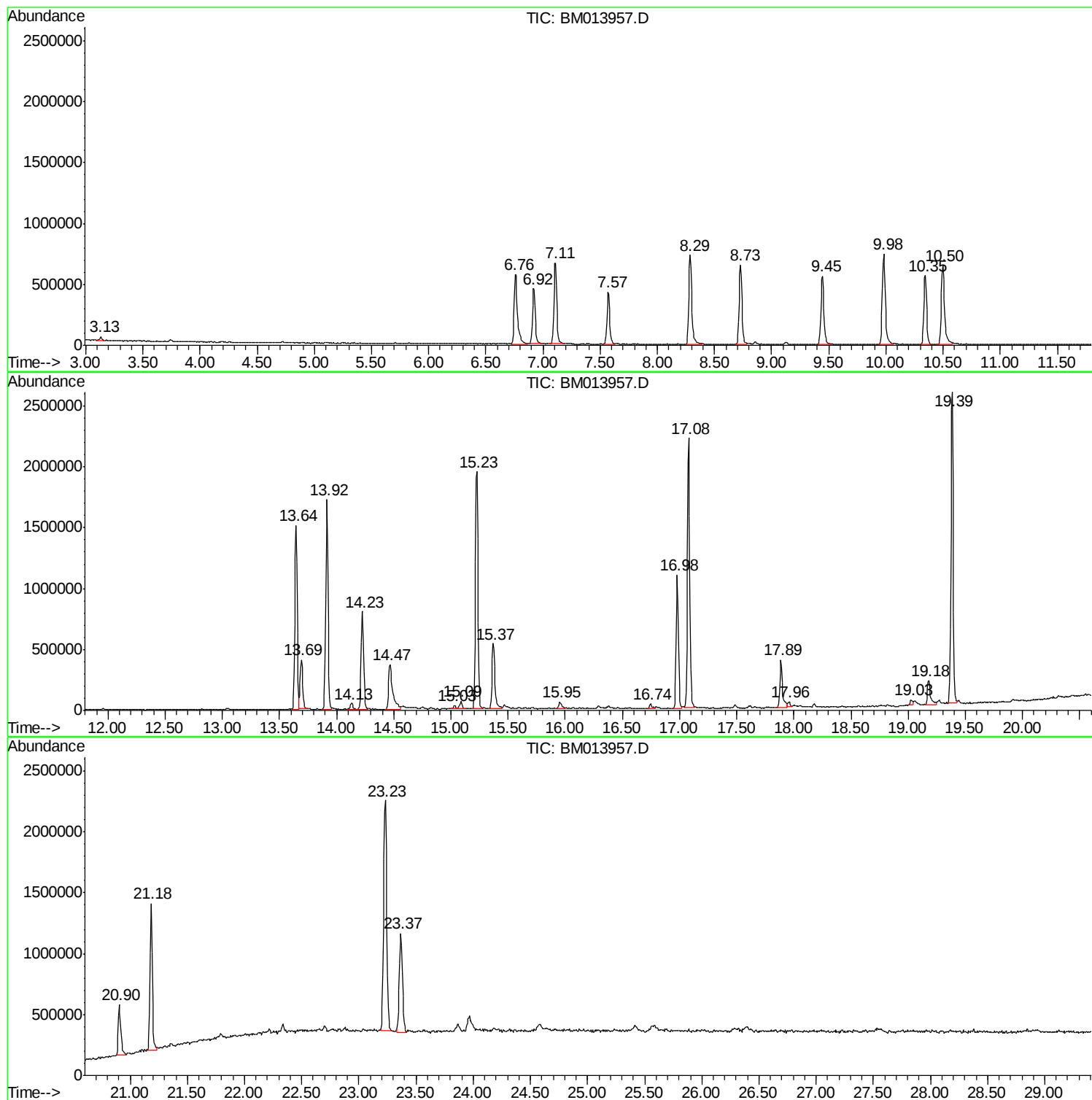
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION

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



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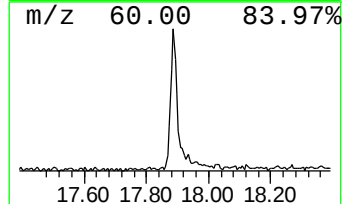
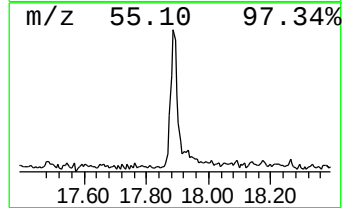
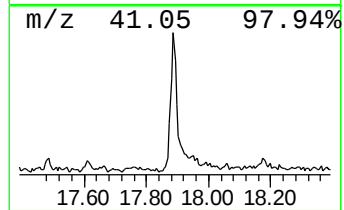
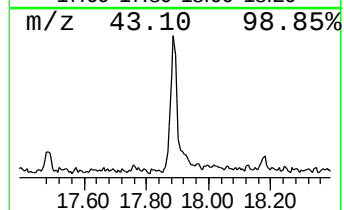
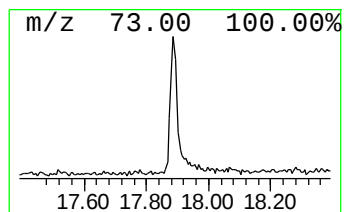
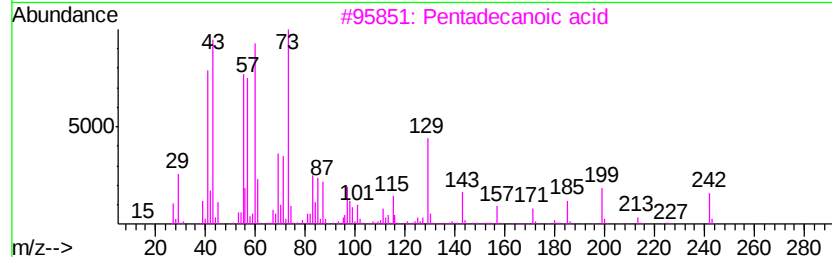
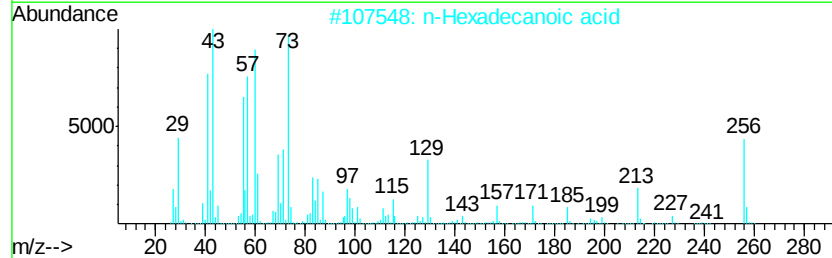
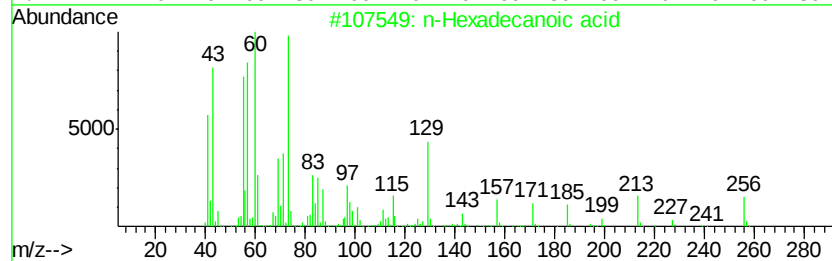
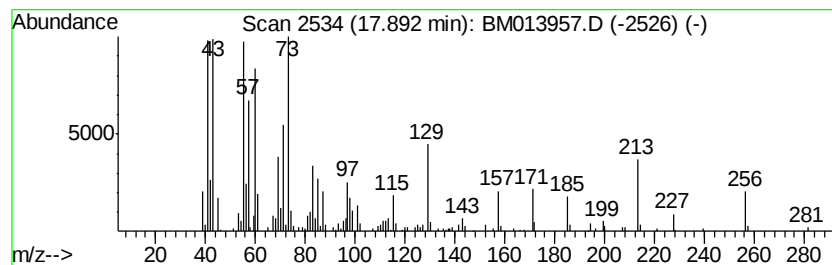
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.89	8.35 ng/ul	641051	Phenanthrene-d10	16.98	
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	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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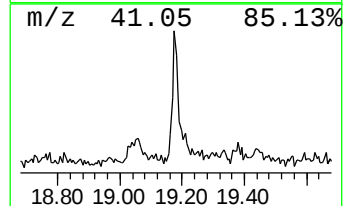
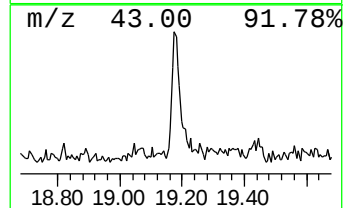
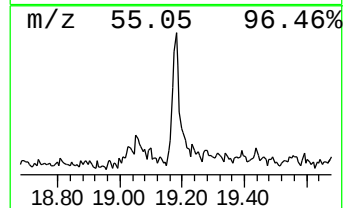
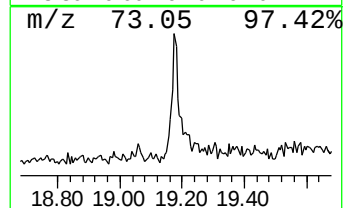
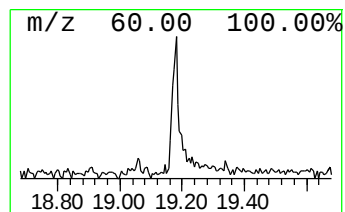
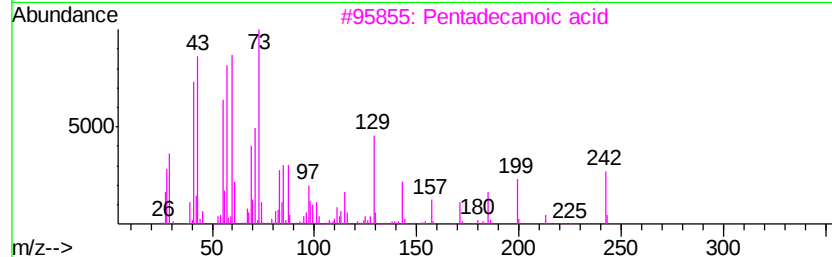
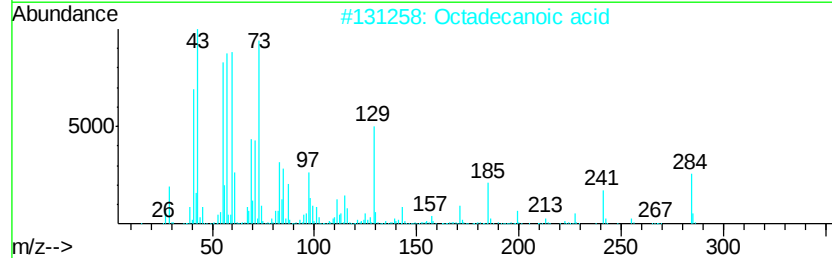
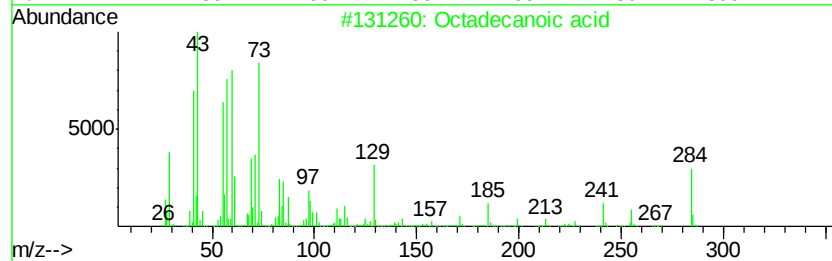
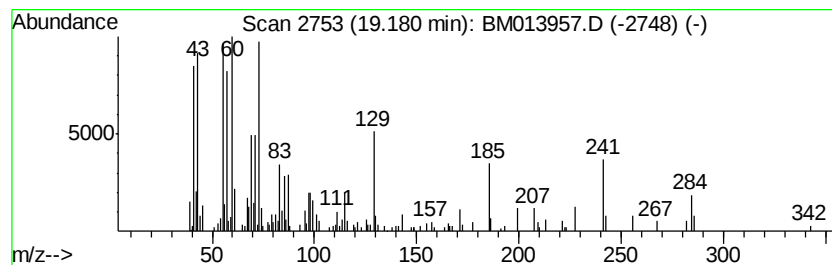
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	4.26 ng/ul	381442	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	86
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	83



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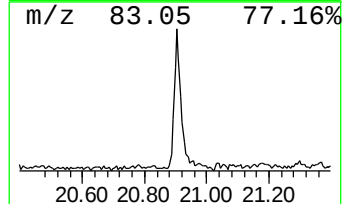
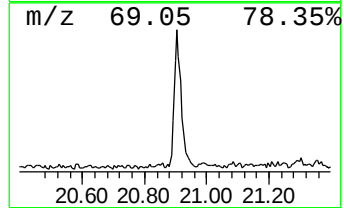
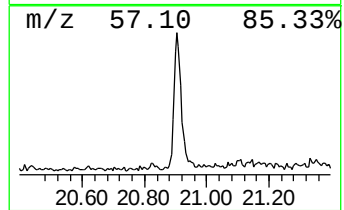
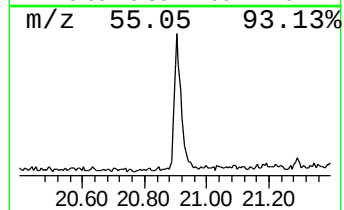
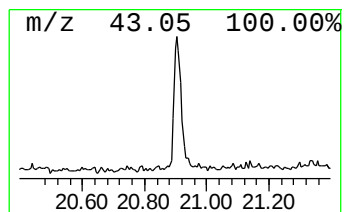
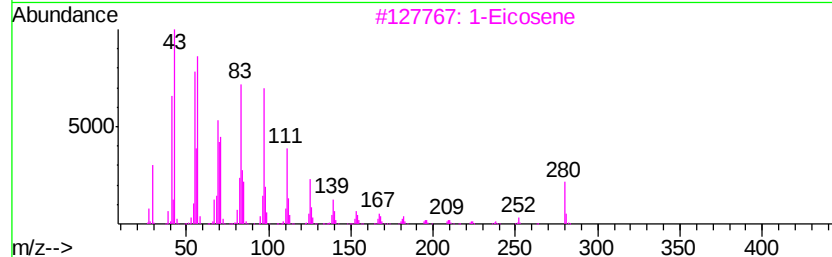
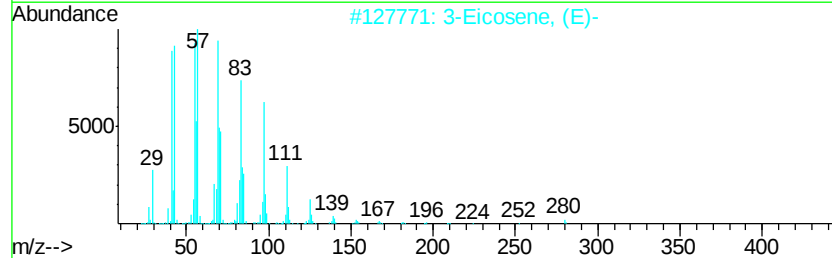
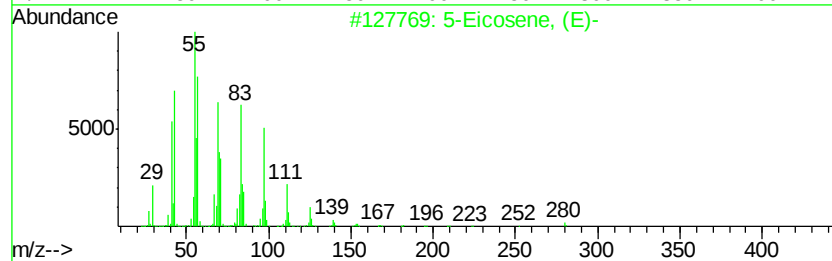
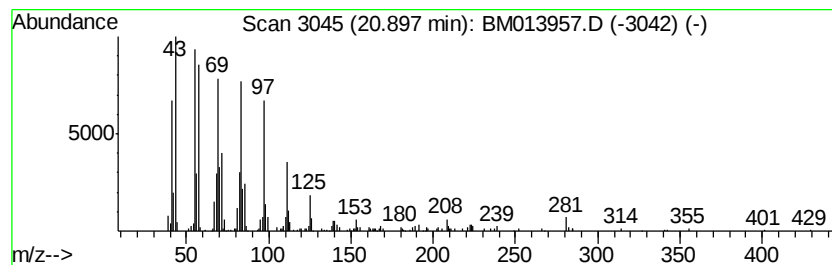
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Peak Number 3 (DEL) Alkane: Cyclic20.90 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	7.31 ng/ul	654896	Chrysene-d12	21.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		3-Eicosene, (E)-	280	C20H40	074685-33-9	93
3		1-Eicosene	280	C20H40	003452-07-1	92
4		Behenic alcohol	326	C22H46O	000661-19-8	91
5		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.89	8.3	ng/ul	641051	4	16.98	1536210	20.0
Octadecanoic acid	19.18	4.3	ng/ul	381442	5	21.18	1792520	20.0
(DEL) Alkane: Cyc...	20.90	7.3	ng/ul	654896	5	21.18	1792520	20.0