

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014137.D
 Acq On : 03 Feb 2018 05:19
 Operator : SJ/JU
 Sample : J1316-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6C90

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	3.116	20	22	31	rVB2	33252	47982	1.55%	0.120%
2	6.739	631	638	653	rBV2	521175	1087906	35.07%	2.720%
3	6.898	659	665	677	rBV	433097	690592	22.26%	1.726%
4	7.087	691	697	712	rBV	622626	1051049	33.88%	2.628%
5	7.551	770	776	786	rBV	583161	977622	31.51%	2.444%
6	8.269	890	898	916	rBV	692576	1290490	41.60%	3.226%
7	8.710	960	973	988	rBV	583181	1067102	34.40%	2.668%
8	9.098	1033	1039	1045	rVB4	22441	39953	1.29%	0.100%
9	9.422	1088	1094	1107	rBV	497993	947822	30.55%	2.370%
10	9.963	1177	1186	1206	rBV	673585	1374951	44.32%	3.437%
11	10.322	1240	1247	1256	rBV	829864	1390331	44.82%	3.476%
12	10.480	1267	1274	1285	rBV	530511	1162138	37.46%	2.905%
13	11.669	1470	1476	1484	rBV6	21098	46992	1.51%	0.117%
14	13.627	1802	1809	1813	rBV	1406338	1976727	63.72%	4.942%
15	13.674	1813	1817	1836	rVB	640251	974989	31.43%	2.437%
16	13.898	1847	1855	1870	rBV	1649969	2442963	78.75%	6.107%
17	14.204	1899	1907	1916	rVV3	1234584	2047415	66.00%	5.119%
18	14.457	1945	1950	1967	rBV2	230309	677215	21.83%	1.693%
19	15.068	2048	2054	2060	rVB5	29694	45057	1.45%	0.113%
20	15.210	2071	2078	2088	rBV	1950832	2803113	90.36%	7.008%
21	15.357	2098	2103	2113	rBV	341991	591358	19.06%	1.478%
22	15.457	2116	2120	2125	rVB6	22852	33051	1.07%	0.083%
23	15.586	2137	2142	2147	rBV	118711	172298	5.55%	0.431%
24	15.674	2152	2157	2162	rVB2	80775	110651	3.57%	0.277%
25	15.933	2197	2201	2209	rVV6	20549	36662	1.18%	0.092%
26	16.004	2209	2213	2219	rVB4	37481	56152	1.81%	0.140%
27	16.633	2313	2320	2326	rBV9	43320	90460	2.92%	0.226%
28	16.880	2355	2362	2365	rBV6	17999	39157	1.26%	0.098%
29	16.962	2370	2376	2386	rBV	1526850	2106960	67.92%	5.267%
30	17.062	2386	2393	2405	rVV	1871519	2858068	92.13%	7.145%
31	17.868	2525	2530	2538	rBV2	274474	456358	14.71%	1.141%
32	17.939	2538	2542	2549	rVB	199905	279461	9.01%	0.699%
33	19.015	2720	2725	2727	rBV5	49158	77973	2.51%	0.195%
34	19.039	2727	2729	2736	rVB5	38958	56090	1.81%	0.140%

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35	19.156	2746	2749	2758	rBV4	135869	245785	7.92%	0.614%
36	19.368	2779	2785	2792	rBV	2272900	3102221	100.00%	7.756%
37	20.315	2940	2946	2949	rBV8	39690	74311	2.40%	0.186%
38	20.886	3040	3043	3049	rVB	222071	316319	10.20%	0.791%
39	21.168	3086	3091	3098	rBV	1683797	2177907	70.20%	5.445%
40	23.209	3432	3438	3449	rVB2	1610821	2959643	95.40%	7.399%
41	23.344	3455	3461	3471	rVB	1046762	2016686	65.01%	5.042%

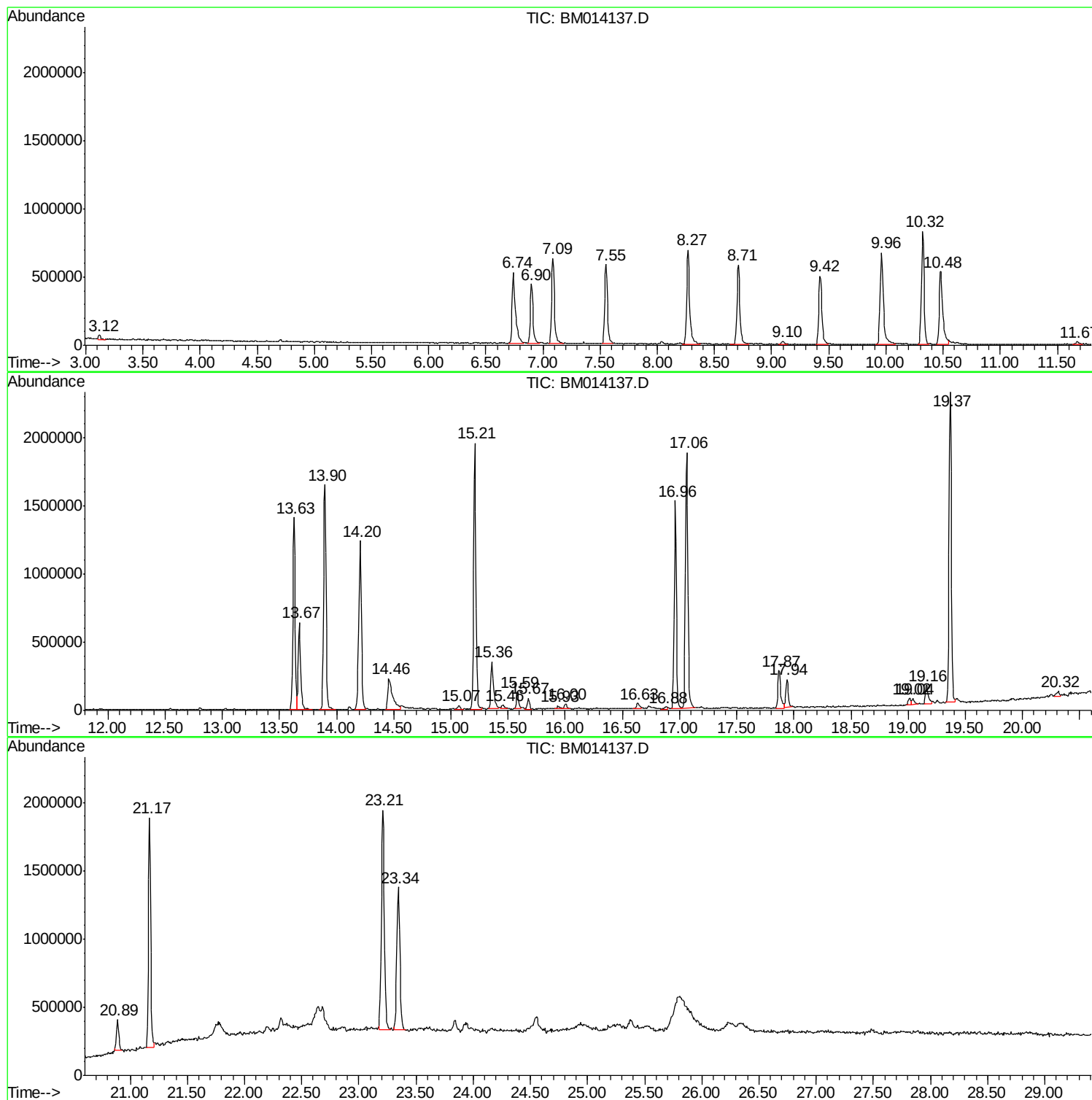
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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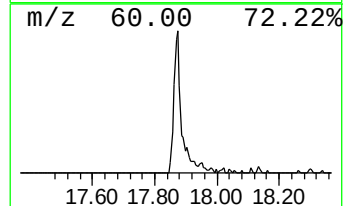
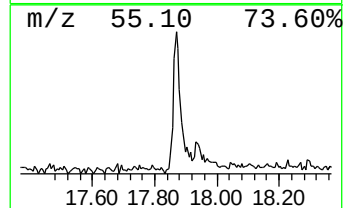
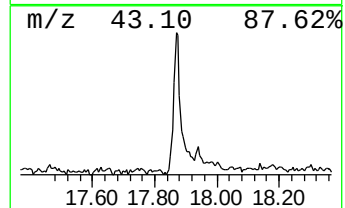
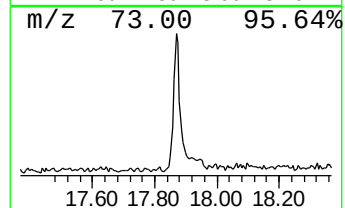
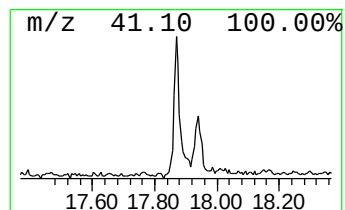
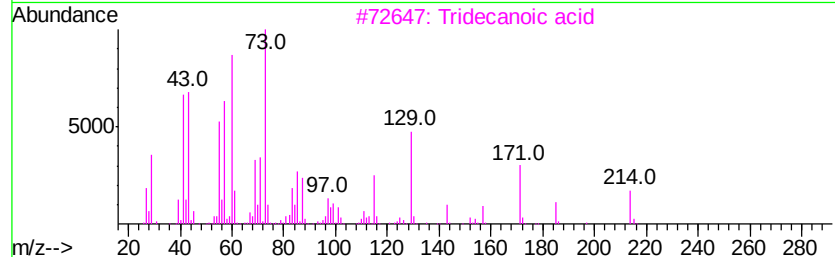
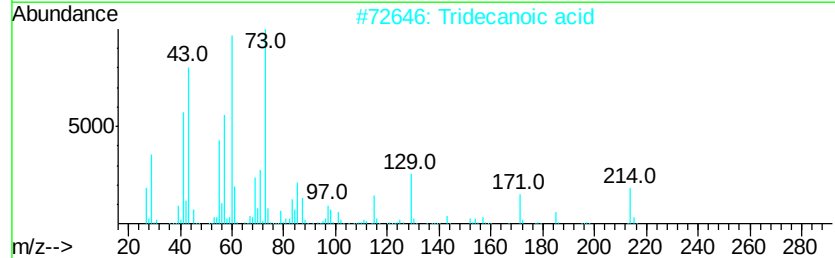
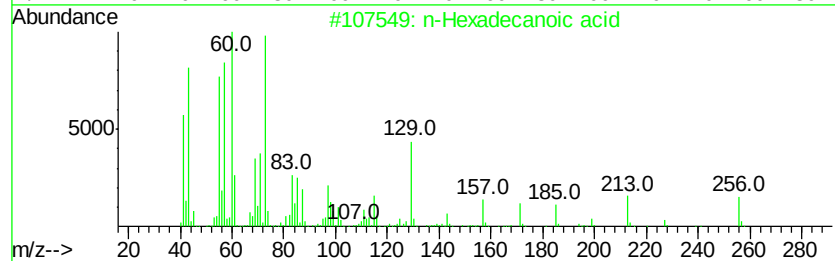
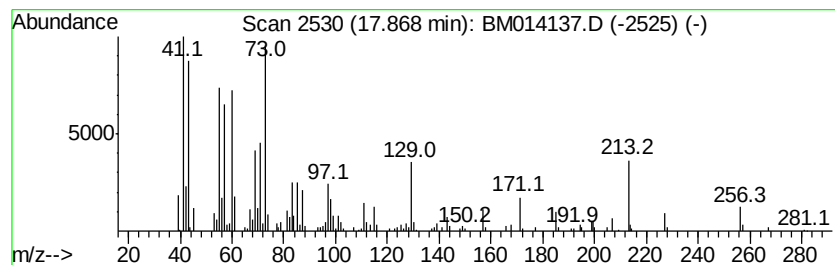
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.87	4.33 ng/ul	456358	Phenanthrene-d10		16.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2		Tridecanoic acid	214	C13H26O2	000638-53-9	83
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	64



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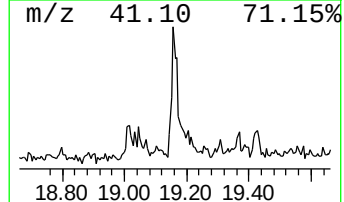
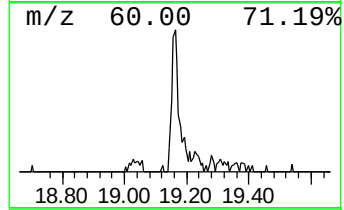
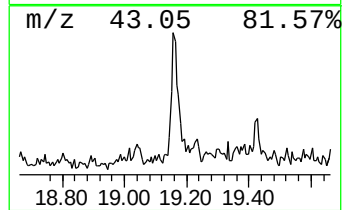
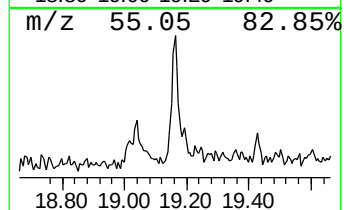
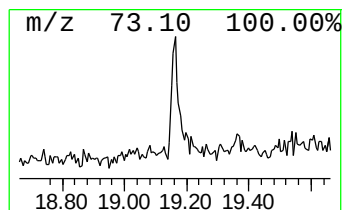
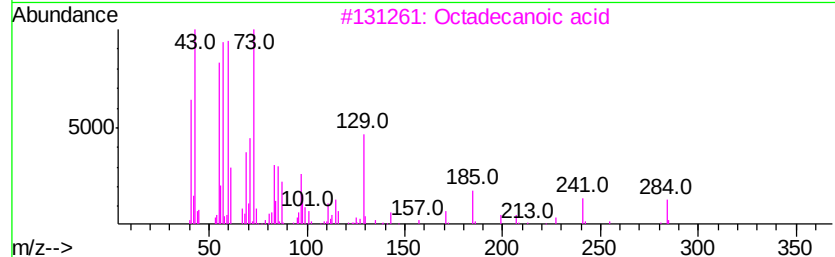
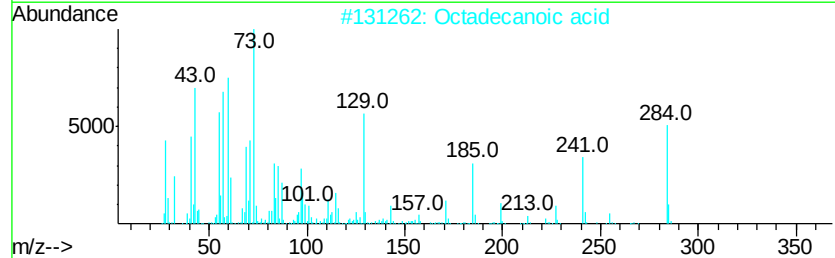
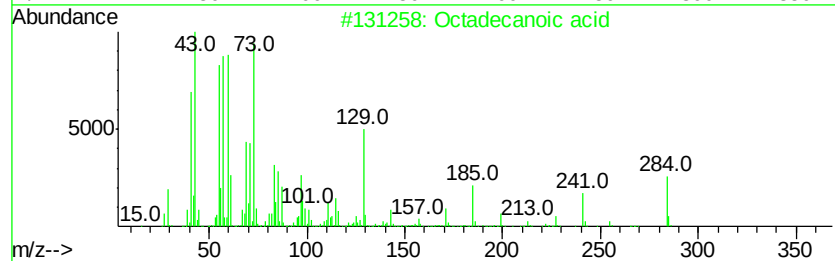
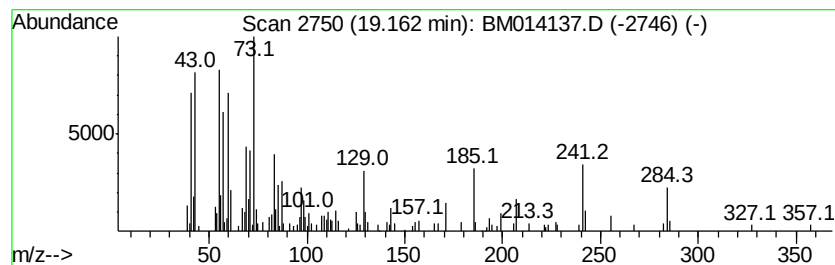
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.26 ng/ul	245785	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	89
5		Octadecanoic acid, 2-(2-hydroxy...	372	C22H44O4	000106-11-6	80



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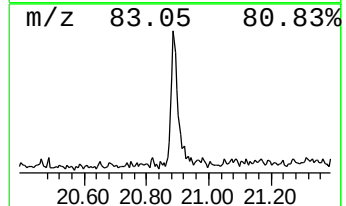
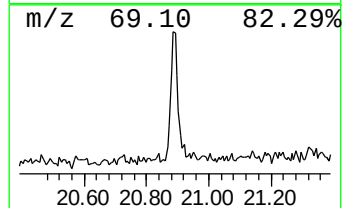
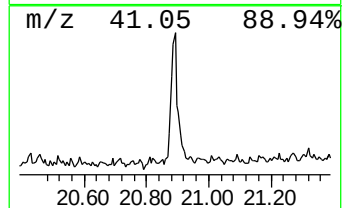
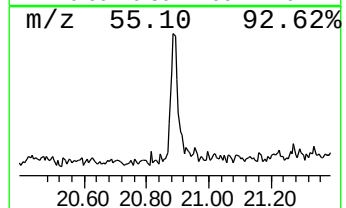
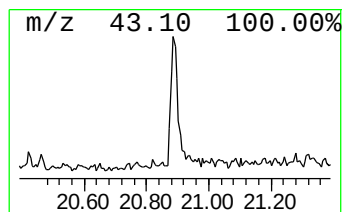
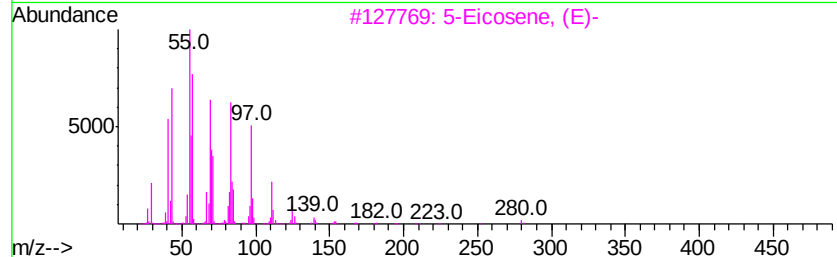
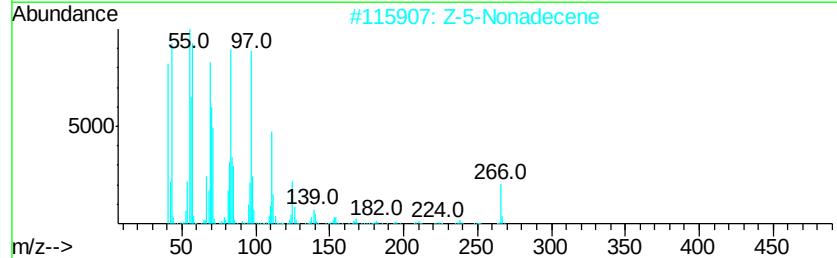
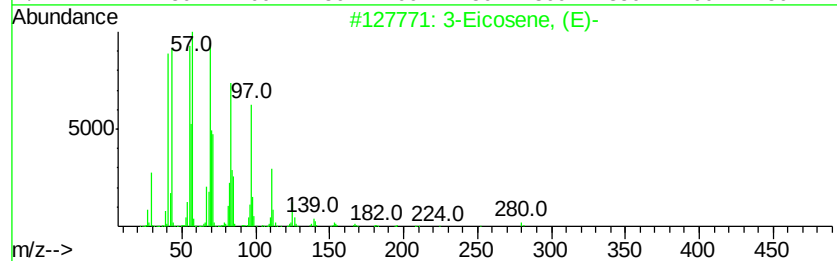
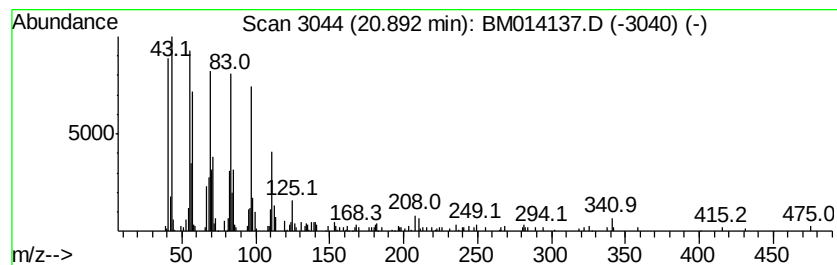
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Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.90 ng/ul	316319	Chrysene-d12	21.17
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Eicosene, (E)-		280 C20H40	074685-33-9 96
2	Z-5-Nonadecene		266 C19H38	1000131-11-8 96
3	5-Eicosene, (E)-		280 C20H40	074685-30-6 96
4	1-Heneicosanol		312 C21H44O	015594-90-8 95
5	1-Nonadecene		266 C19H38	018435-45-5 95



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.3	ng/ul	456358	4	16.96	2106960	20.0
Octadecanoic acid	19.16	2.3	ng/ul	245785	5	21.17	2177910	20.0
(DEL) Alkane: Cyc...	20.89	2.9	ng/ul	316319	5	21.17	2177910	20.0