

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
 Data File : BM014140.D
 Acq On : 03 Feb 2018 07:05
 Operator : SJ/JU
 Sample : J1339-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6D17

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	26	rVB4	28496	35964	1.13%	0.105%
2	6.740	633	638	654	rBV	418310	803660	25.36%	2.351%
3	6.898	658	665	681	rBV	348664	553586	17.47%	1.619%
4	7.087	691	697	711	rVB	493058	838854	26.47%	2.454%
5	7.551	770	776	786	rBV	417891	690734	21.80%	2.021%
6	8.269	890	898	912	rBV	539322	1016974	32.09%	2.975%
7	8.710	966	973	982	rBV	486744	876135	27.65%	2.563%
8	9.422	1087	1094	1106	rBV	428076	812346	25.63%	2.376%
9	9.963	1176	1186	1197	rBV	534104	1068592	33.72%	3.126%
10	10.322	1237	1247	1257	rBV	618795	1013811	31.99%	2.966%
11	10.480	1267	1274	1295	rBV	420788	987949	31.17%	2.890%
12	13.627	1802	1809	1814	rBV	1234146	1758268	55.48%	5.144%
13	13.674	1814	1817	1825	rVB	179071	278682	8.79%	0.815%
14	13.898	1848	1855	1866	rBV	1361420	2072531	65.40%	6.063%
15	14.110	1885	1891	1896	rBV	45848	64800	2.04%	0.190%
16	14.204	1900	1907	1920	rVB2	897352	1415866	44.68%	4.142%
17	14.463	1945	1951	1965	rBV3	192575	580601	18.32%	1.699%
18	15.068	2049	2054	2059	rVB2	56903	77692	2.45%	0.227%
19	15.204	2072	2077	2088	rBV	1647663	2502960	78.98%	7.322%
20	15.357	2098	2103	2115	rBV2	343481	608462	19.20%	1.780%
21	15.451	2115	2119	2127	rVB6	31109	63616	2.01%	0.186%
22	15.933	2197	2201	2208	rBV4	51446	81409	2.57%	0.238%
23	16.727	2331	2336	2339	rBV3	31447	47324	1.49%	0.138%
24	16.962	2370	2376	2383	rBV	1231901	1700275	53.65%	4.974%
25	17.062	2386	2393	2404	rBV2	1901419	2760086	87.09%	8.074%
26	17.868	2524	2530	2543	rBV2	223519	411988	13.00%	1.205%
27	19.009	2719	2724	2728	rBV2	34633	49941	1.58%	0.146%
28	19.162	2745	2750	2760	rBV2	130582	250510	7.90%	0.733%
29	19.256	2762	2766	2772	rVB3	27430	41034	1.29%	0.120%
30	19.368	2779	2785	2793	rBV	2360476	3169061	100.00%	9.271%
31	19.898	2871	2875	2880	rBV8	19832	39523	1.25%	0.116%
32	20.886	3038	3043	3055	rBV4	335981	562163	17.74%	1.645%
33	21.168	3086	3091	3103	rBV	1519520	2043878	64.49%	5.979%
34	23.209	3431	3438	3446	rBV2	1670072	3089190	97.48%	9.037%

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Stop Thrs : 0 Peak Location: TOP

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35	23.344	3455	3461	3470	rBV2	915027	1814316	57.25%	5.308%
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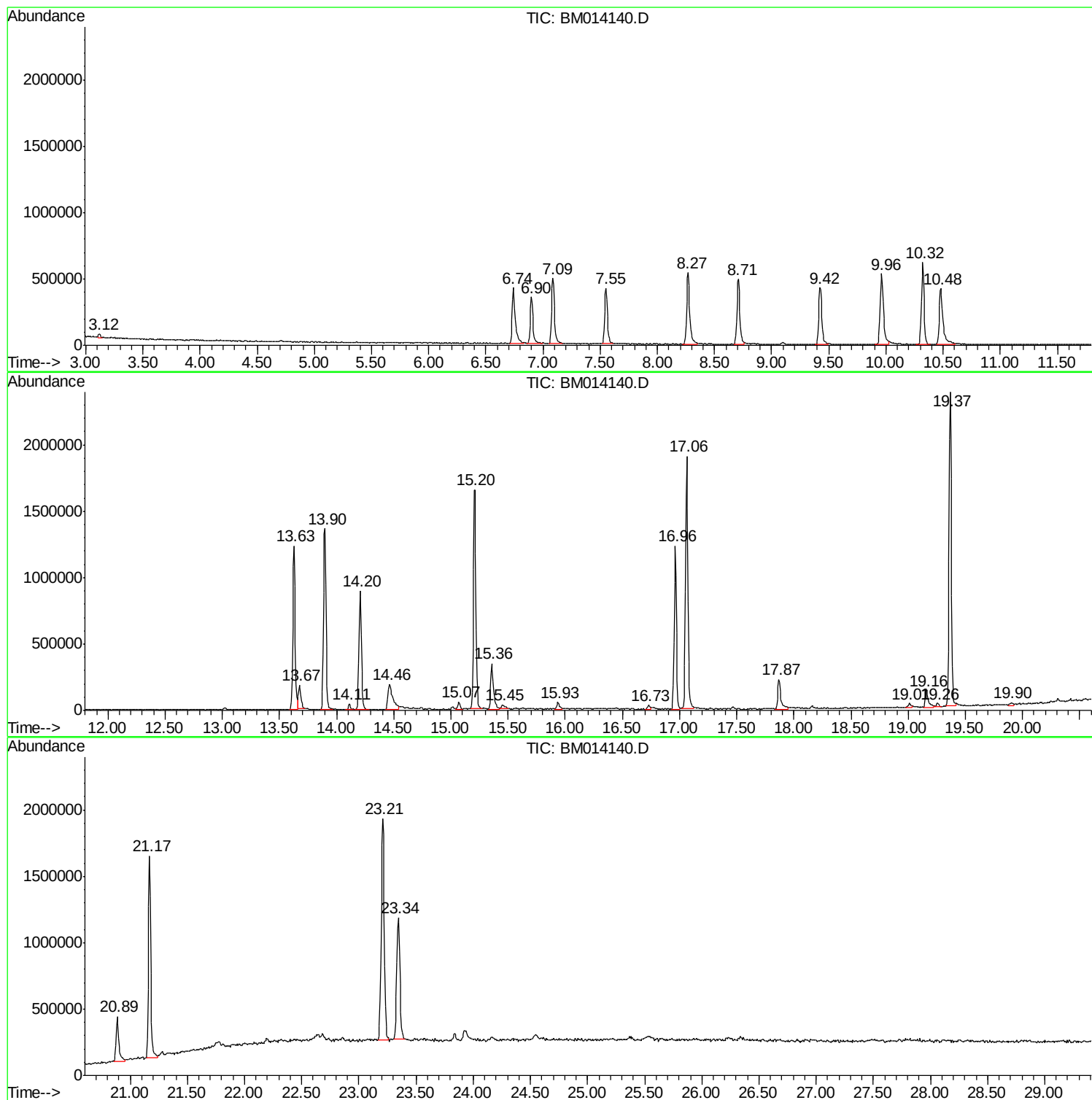
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION

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



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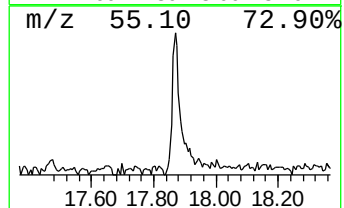
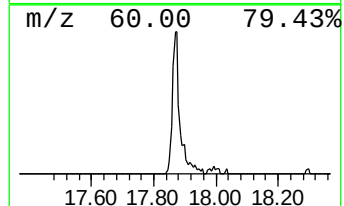
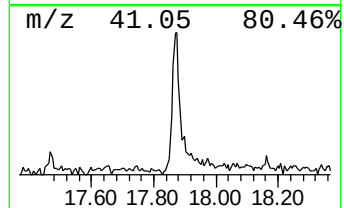
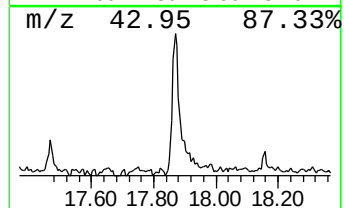
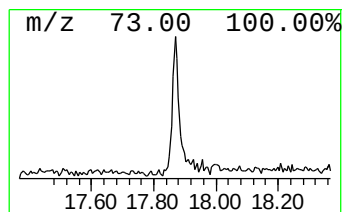
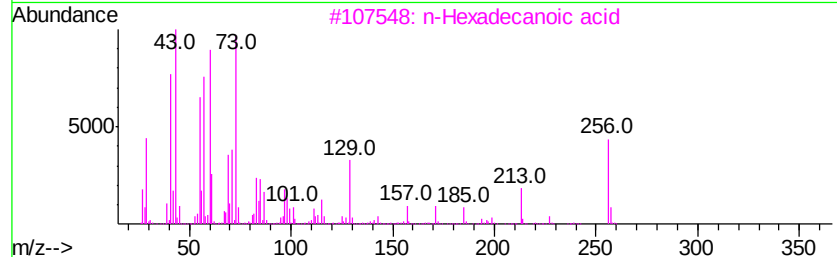
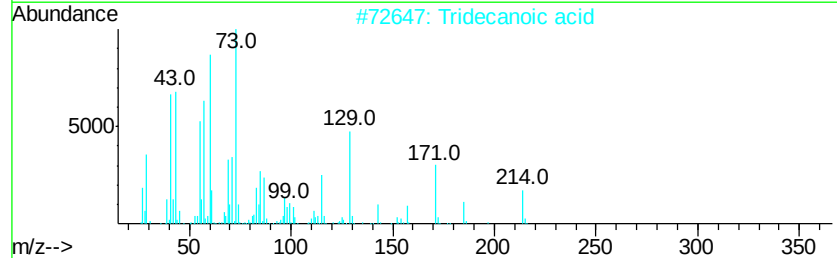
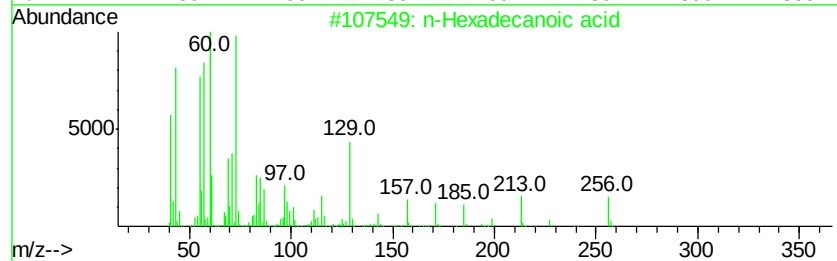
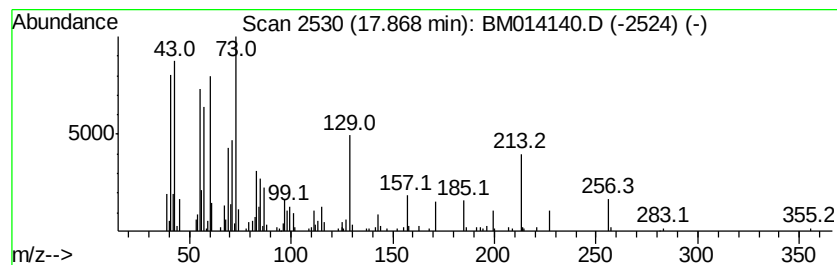
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TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	4.85 ng/ul	411988	Phenanthrene-d10	16.96

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Tridecanoic acid	214	C13H26O2	000638-53-9	89
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5		Tridecanoic acid	214	C13H26O2	000638-53-9	62



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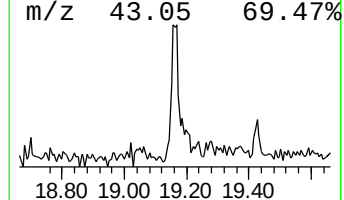
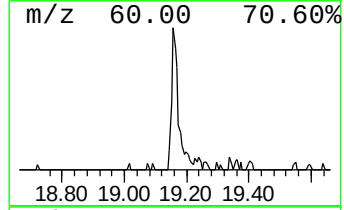
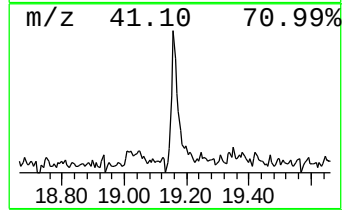
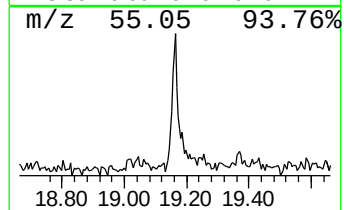
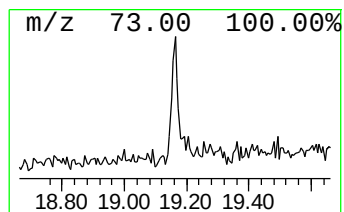
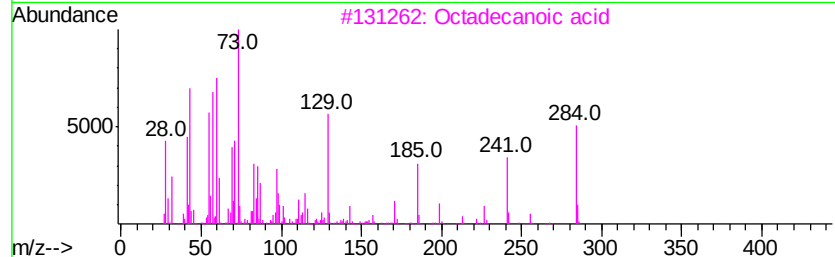
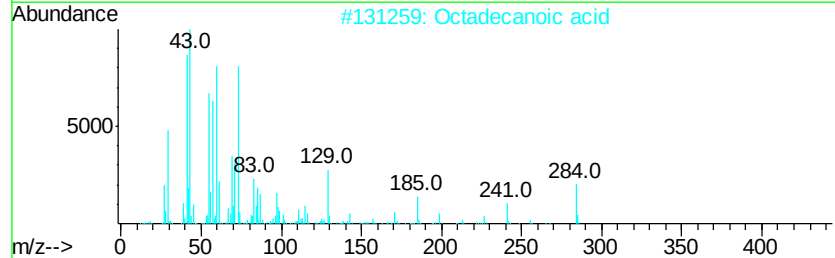
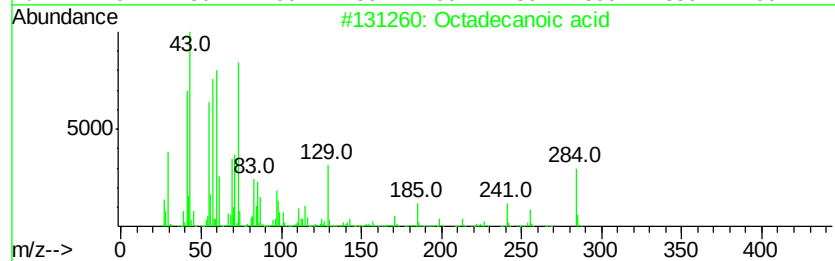
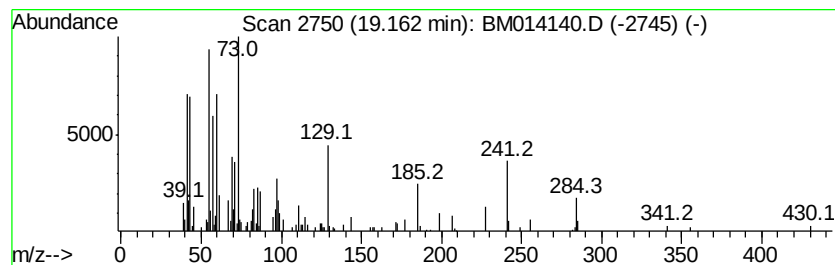
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	2.45 ng/ul	250510	Chrysene-d12	21.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		Octadecanoic acid	284	C18H36O2	000057-11-4	93
3		Octadecanoic acid	284	C18H36O2	000057-11-4	90
4		Octadecanoic acid	284	C18H36O2	000057-11-4	90
5		Octadecanoic acid	284	C18H36O2	000057-11-4	89



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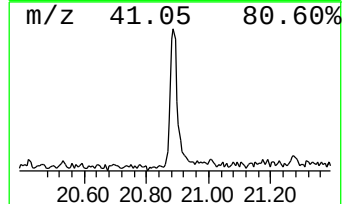
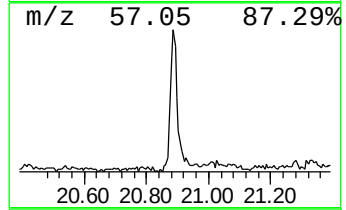
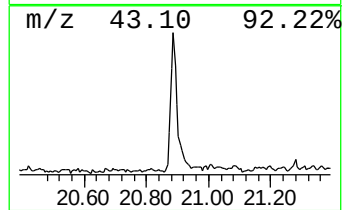
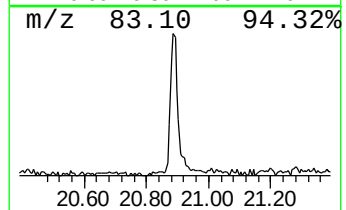
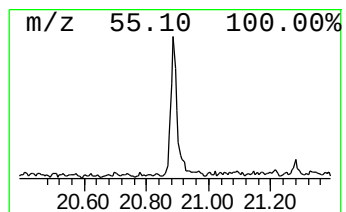
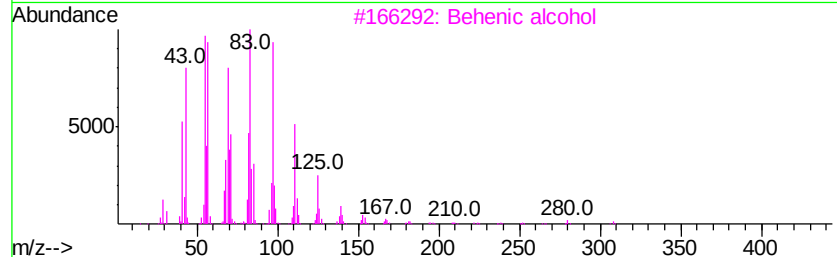
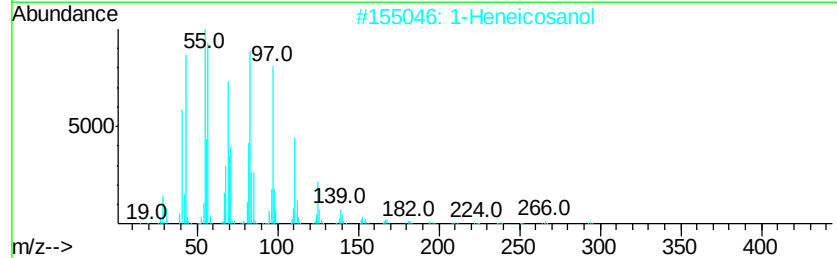
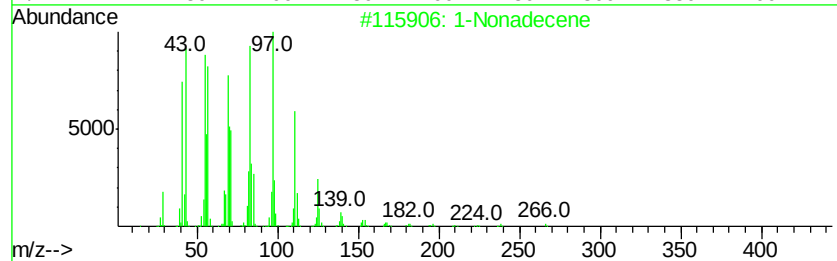
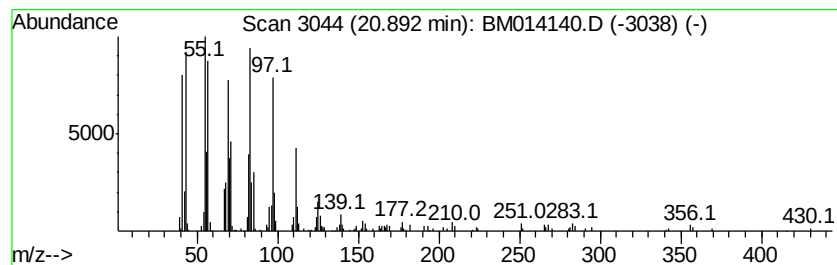
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 Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
20.89	5.50 ng/ul	562163	Chrysene-d12		21.17	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Nonadecene	266	C19H38	018435-45-5	98
2		1-Heneicosanol	312	C21H44O	015594-90-8	95
3		Behenic alcohol	326	C22H46O	000661-19-8	93
4		Z-8-Hexadecene	224	C16H32	1000130-87-5	92
5		n-Tetracosanol-1	354	C24H50O	000506-51-4	92



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.87	4.8	ng/ul	411988	4	16.96	1700280	20.0
Octadecanoic acid	19.16	2.5	ng/ul	250510	5	21.17	2043880	20.0
(DEL) Alkane: Cyc...	20.89	5.5	ng/ul	562163	5	21.17	2043880	20.0