

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092616\
 Data File : BM007567.D
 Acq On : 26 Sep 2016 12:42
 Operator : UM/SJ
 Sample : H4855-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H9005

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\SOM02.2-EPA-BM092316.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	4.540	327	332	340	rVB	101262	162897	1.87%	0.200%
2	6.951	737	742	756	rVB	242993	417982	4.80%	0.512%
3	7.116	763	770	779	rBV	867227	1374883	15.79%	1.684%
4	7.316	797	804	816	rBV	962947	1565087	17.97%	1.918%
5	7.781	875	883	891	rBV	1037296	1716522	19.71%	2.103%
6	8.481	995	1002	1014	rBV	739775	1257694	14.44%	1.541%
7	8.933	1072	1079	1090	rBV	1184829	1989593	22.85%	2.438%
8	9.651	1194	1201	1212	rBV	1044097	1749663	20.09%	2.144%
9	10.186	1284	1292	1313	rBV	1268103	2452153	28.16%	3.004%
10	10.563	1348	1356	1366	rVB	1522541	2570299	29.52%	3.149%
11	10.710	1374	1381	1394	rBV	103676	230428	2.65%	0.282%
12	13.821	1903	1910	1915	rBV	3054902	4368897	50.17%	5.353%
13	13.868	1915	1918	1926	rVB	465108	627784	7.21%	0.769%
14	14.104	1951	1958	1976	rVB	3348661	4916746	56.46%	6.024%
15	14.410	2003	2010	2016	rBV	2598762	3725312	42.78%	4.564%
16	14.463	2016	2019	2030	rVB	115932	202117	2.32%	0.248%
17	14.633	2043	2048	2059	rBV2	170899	399811	4.59%	0.490%
18	15.404	2172	2179	2194	rBV	4385677	6436461	73.91%	7.886%
19	15.533	2194	2201	2216	rVV	1531931	2230689	25.62%	2.733%
20	15.645	2216	2220	2227	rVB	56911	90553	1.04%	0.111%
21	17.156	2470	2477	2487	rBV	3311848	4783453	54.93%	5.861%
22	17.256	2487	2494	2502	rBV	4779423	7108527	81.63%	8.709%
23	17.539	2532	2542	2552	rBV5	59711	125144	1.44%	0.153%
24	18.045	2622	2628	2636	rBV	387036	573670	6.59%	0.703%
25	19.180	2817	2821	2835	rBV	94325	207332	2.38%	0.254%
26	19.321	2841	2845	2856	rBV	467599	700450	8.04%	0.858%
27	19.550	2877	2884	2896	rBV	6061393	8708133	100.00%	10.669%
28	21.039	3133	3137	3145	rBV3	193901	321543	3.69%	0.394%
29	21.333	3182	3187	3194	rBV	4334323	5972958	68.59%	7.318%
30	22.374	3360	3364	3370	rVB2	171715	299471	3.44%	0.367%
31	22.885	3448	3451	3458	rVB	166532	246841	2.83%	0.302%
32	23.456	3540	3548	3561	rVB2	3972528	7808428	89.67%	9.567%
33	23.603	3565	3573	3585	rVB2	2381838	4865208	55.87%	5.961%
34	24.103	3655	3658	3666	rVB2	255618	428042	4.92%	0.524%

LSC Area Percent Report

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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 >
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35	24.850	3780	3785	3801	rVB2	383601	985747	11.32%	1.208%
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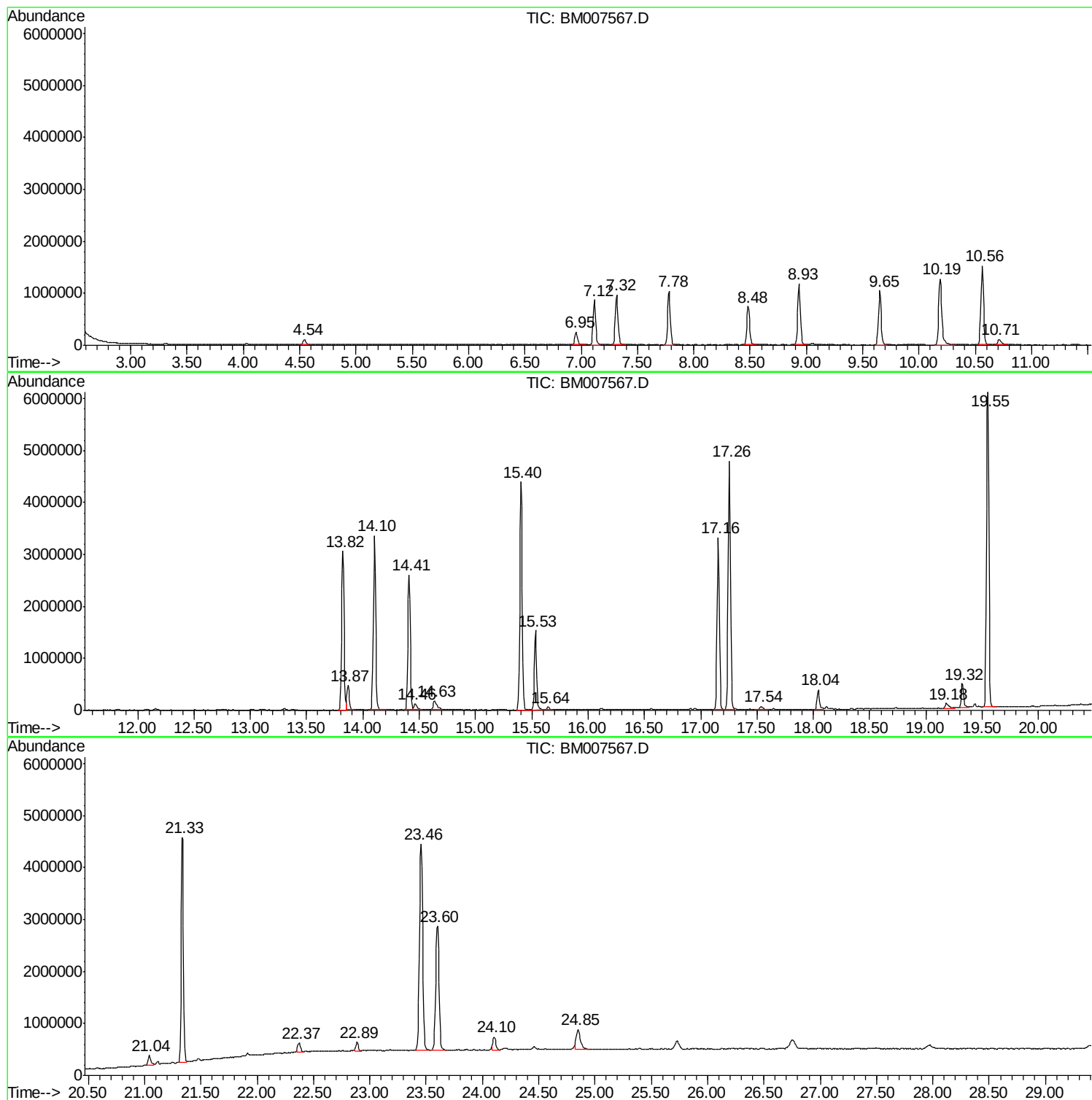
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092316.M
Quant Title : SVOA CALIBRATION

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



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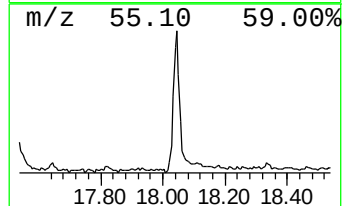
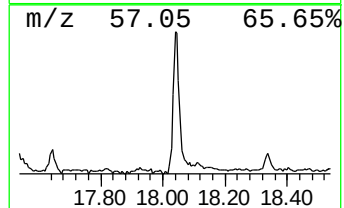
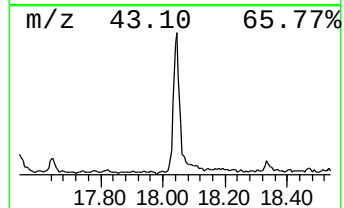
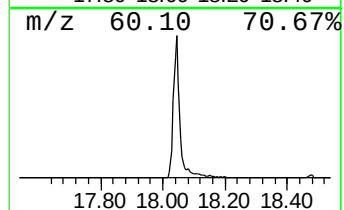
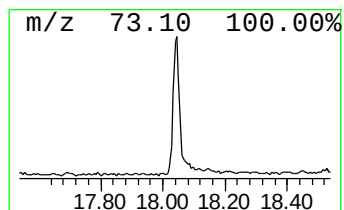
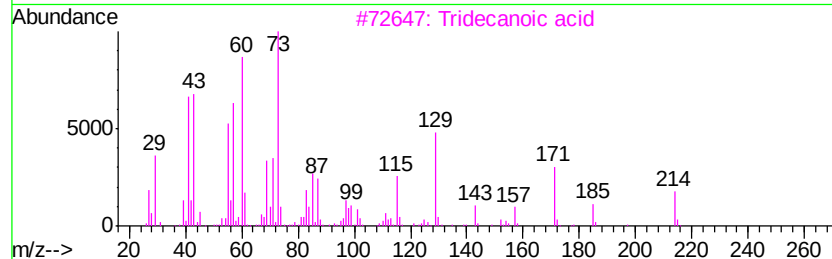
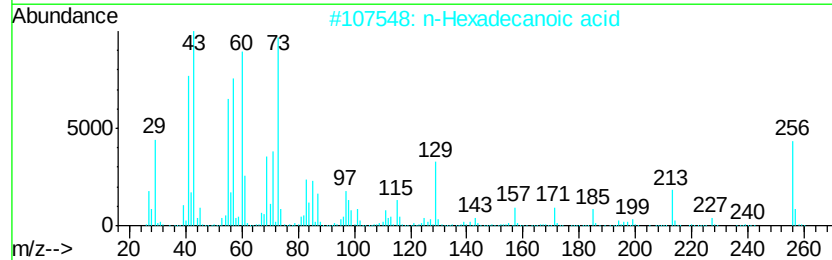
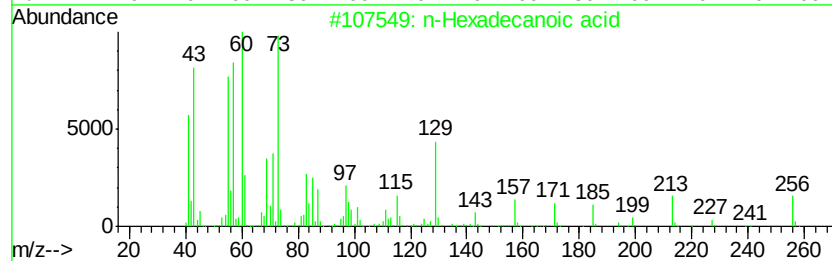
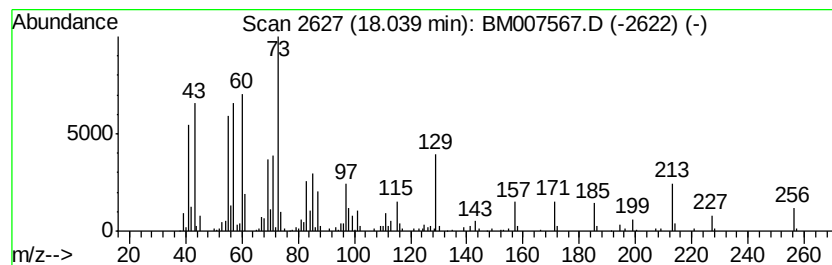
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.04	2.40 ng/ul	573670	Phenanthrene-d10	17.16		
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	Tridecanoic acid	214	C13H26O2	000638-53-9	95	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90	



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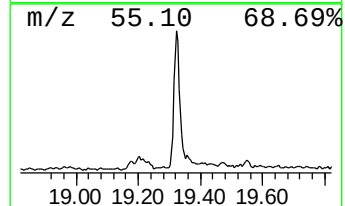
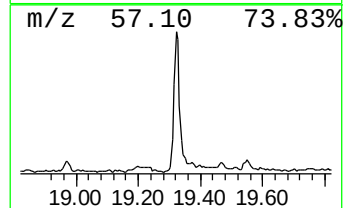
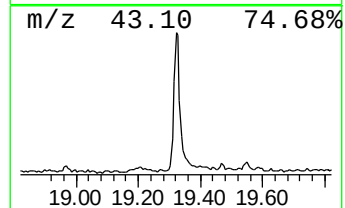
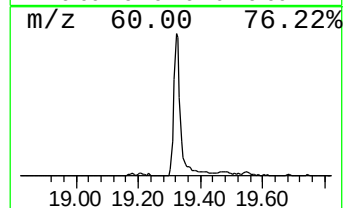
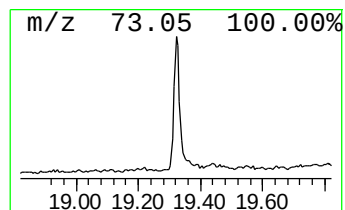
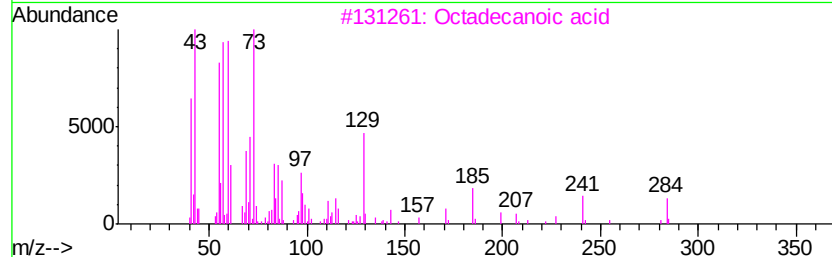
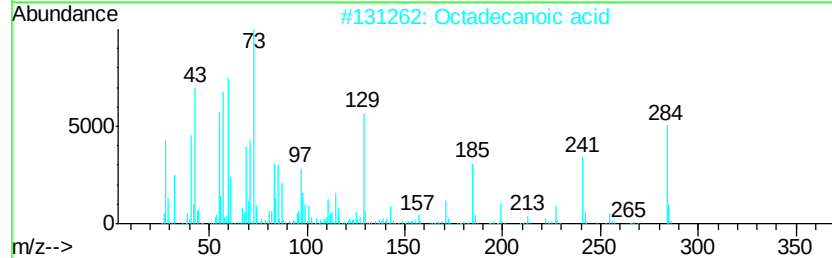
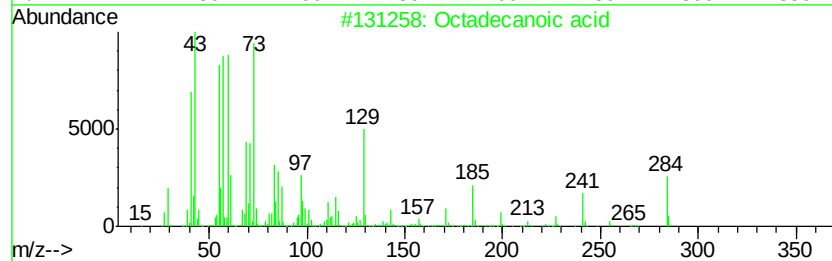
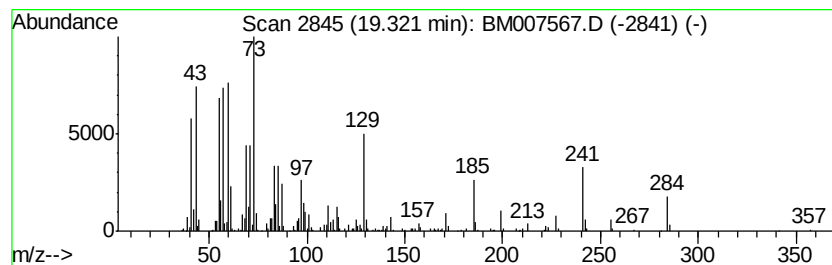
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	2.35 ng/ul	700450	Chrysene-d12	21.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	99
4		Octadecanoic acid	284	C18H36O2	000057-11-4	96
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	91



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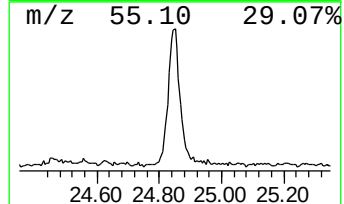
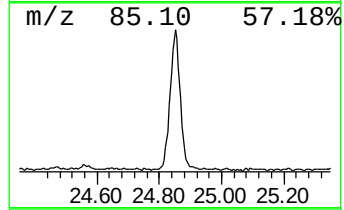
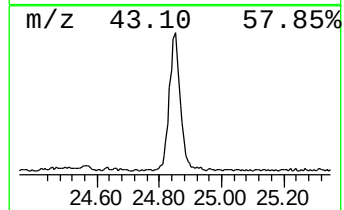
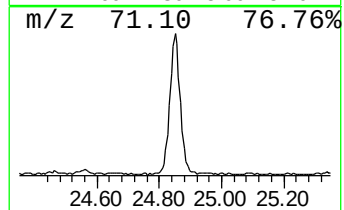
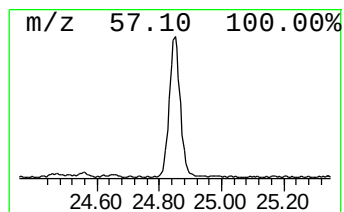
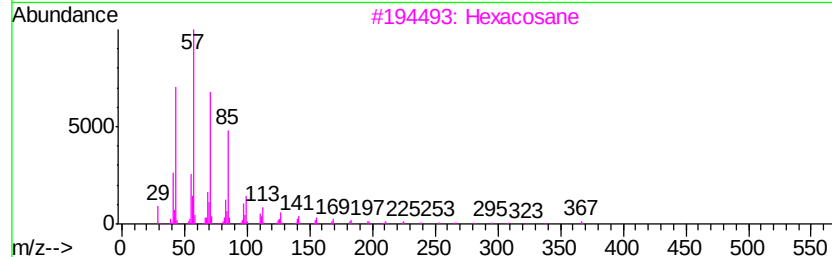
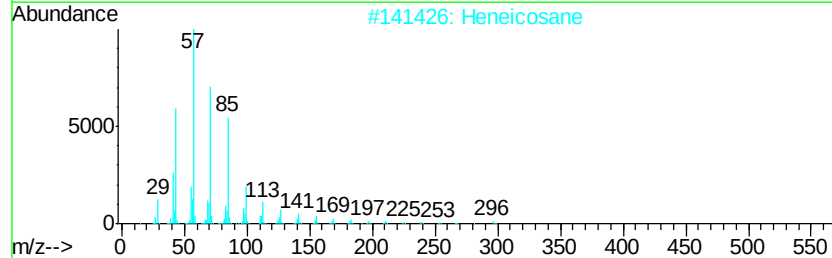
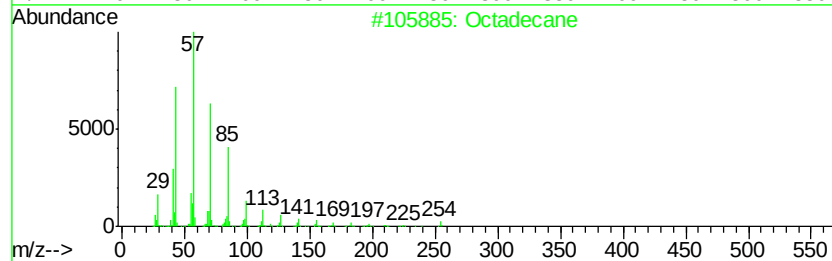
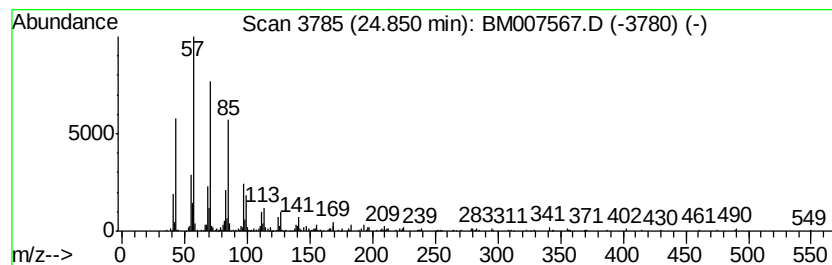
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.85	4.05 ng/ul	985747	Perylene-d12	23.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Heneicosane	296	C21H44	000629-94-7	95
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-methyloctacosane	408	C29H60	1000376-72-8	87
5		Hentriacontane	437	C31H64	000630-04-6	86



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.04	2.4	ng/ul	573670	4	17.16	4783450	20.0
Octadecanoic acid	19.32	2.4	ng/ul	700450	5	21.34	5972960	20.0
(DEL) Alkane: Str...	24.85	4.0	ng/ul	985747	6	23.60	4865210	20.0