

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012617\
 Data File : BM008892.D
 Acq On : 27 Jan 2017 02:10
 Operator : SJ/MA
 Sample : I1426-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BDMY1

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-BM012317.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	3.387	132	136	141	rVB4	30453	41562	1.38%	0.121%
2	7.081	756	764	777	rBV2	660734	1173895	38.89%	3.415%
3	7.263	788	795	804	rBV	409772	621958	20.61%	1.809%
4	7.463	821	829	837	rBV	639262	1010587	33.48%	2.940%
5	7.934	902	909	915	rBV	410870	666081	22.07%	1.938%
6	8.628	1020	1027	1035	rVB	711470	1118904	37.07%	3.255%
7	9.098	1100	1107	1115	rVB	655389	1066973	35.35%	3.104%
8	9.463	1164	1169	1176	rBV3	18848	34820	1.15%	0.101%
9	9.816	1222	1229	1237	rBV	576427	959672	31.79%	2.792%
10	10.345	1312	1319	1329	rVB	743987	1234388	40.90%	3.591%
11	10.734	1379	1385	1393	rBV	496477	847661	28.08%	2.466%
12	10.869	1401	1408	1420	rVB	666046	1145739	37.96%	3.333%
13	13.445	1841	1846	1850	rBV3	33403	44416	1.47%	0.129%
14	13.974	1929	1936	1940	rBV	1257410	1715543	56.84%	4.990%
15	14.022	1940	1944	1949	rVB	442717	611777	20.27%	1.780%
16	14.263	1978	1985	1991	rBV	1241049	1774633	58.79%	5.162%
17	14.569	2030	2037	2044	rVB	736780	1048671	34.74%	3.051%
18	14.751	2061	2068	2075	rBV	775239	1084147	35.92%	3.154%
19	15.357	2165	2171	2173	rBV4	29968	43234	1.43%	0.126%
20	15.392	2173	2177	2182	rVB	39843	55286	1.83%	0.161%
21	15.563	2199	2206	2217	rVB	1496066	2225044	73.72%	6.473%
22	15.668	2217	2224	2234	rBV	673425	928290	30.75%	2.700%
23	15.798	2239	2246	2251	rVB6	28865	50320	1.67%	0.146%
24	16.257	2319	2324	2331	rBV3	66774	103844	3.44%	0.302%
25	17.051	2454	2459	2464	rBV	56800	77885	2.58%	0.227%
26	17.098	2464	2467	2473	rVB3	23617	38100	1.26%	0.111%
27	17.315	2497	2504	2511	rBV2	890178	1339966	44.39%	3.898%
28	17.410	2511	2520	2527	rVV2	1742742	2501381	82.87%	7.276%
29	17.674	2558	2565	2575	rBV2	205107	287075	9.51%	0.835%
30	17.786	2580	2584	2589	rBV	70860	84345	2.79%	0.245%
31	18.062	2625	2631	2634	rBV8	17387	30700	1.02%	0.089%
32	18.121	2637	2641	2645	rBV5	34826	51187	1.70%	0.149%
33	18.186	2647	2652	2658	rBV	291165	384959	12.75%	1.120%
34	18.474	2698	2701	2706	rBV2	57287	73006	2.42%	0.212%

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35	19.039	2793	2797	2802	rBV	75638	95751	3.17%	0.279%
36	19.104	2805	2808	2813	rBV4	38913	56193	1.86%	0.163%
37	19.339	2841	2848	2850	rBV6	68687	116161	3.85%	0.338%
38	19.362	2850	2852	2857	rVB3	43119	48807	1.62%	0.142%
39	19.456	2864	2868	2872	rBV4	95494	126618	4.19%	0.368%
40	19.698	2903	2909	2919	rBV	2175550	3018424	100.00%	8.780%
41	21.168	3155	3159	3166	rBV	233195	290932	9.64%	0.846%
42	21.480	3207	3212	3218	rBV	1400205	1729915	57.31%	5.032%
43	23.692	3581	3588	3598	rVB2	1491291	2915823	96.60%	8.482%
44	23.839	3607	3613	3622	rVB	709228	1502000	49.76%	4.369%

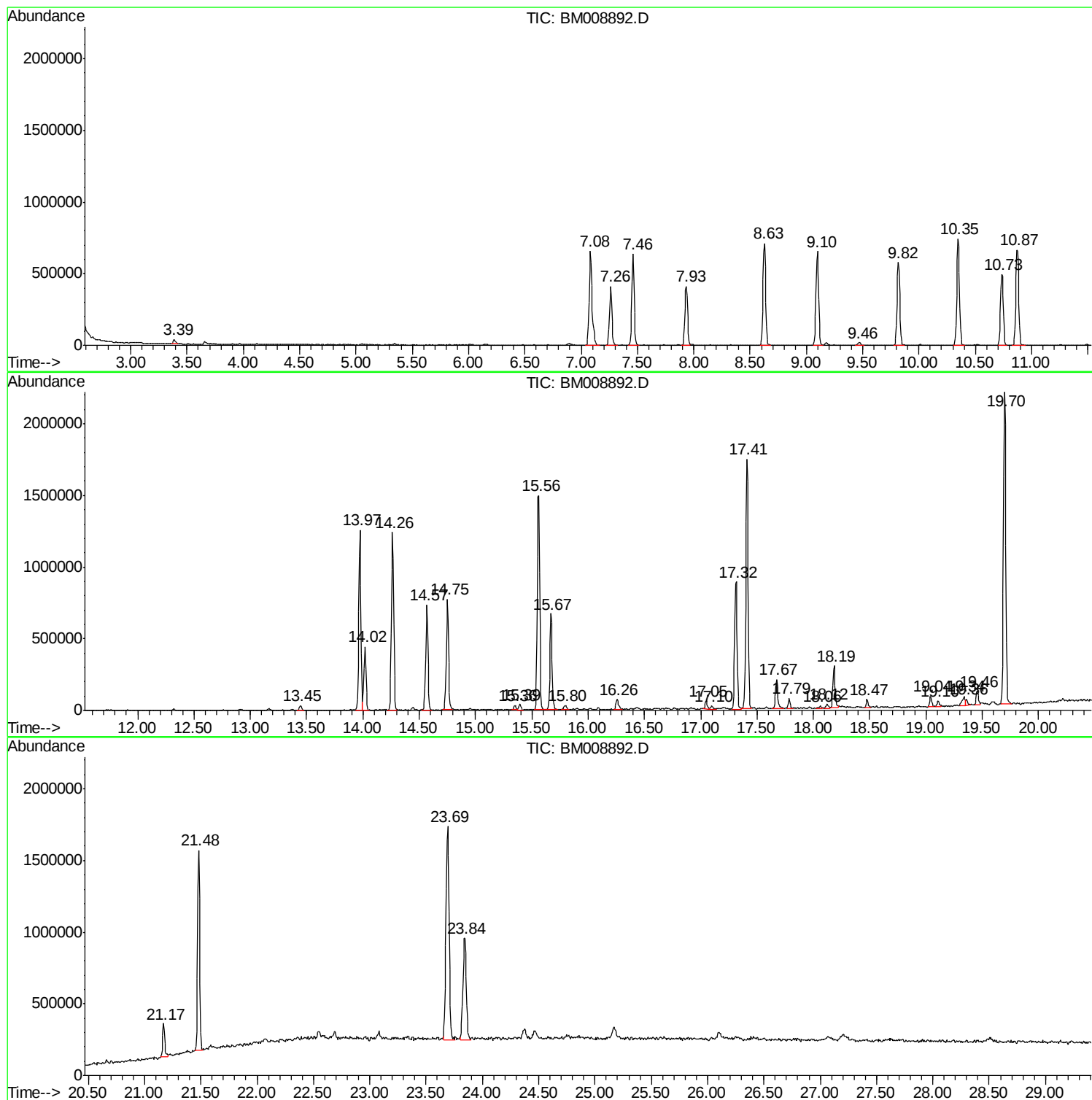
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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



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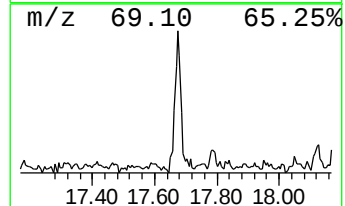
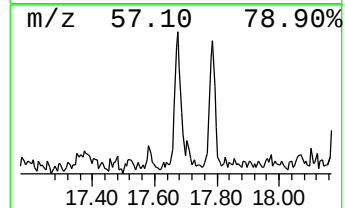
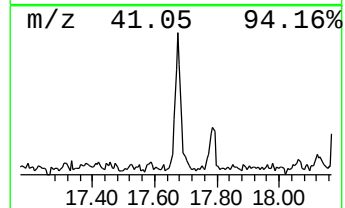
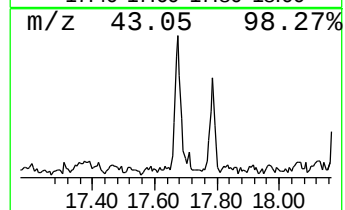
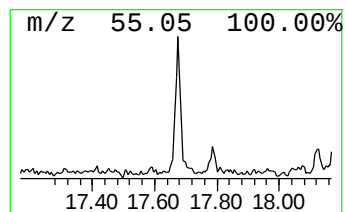
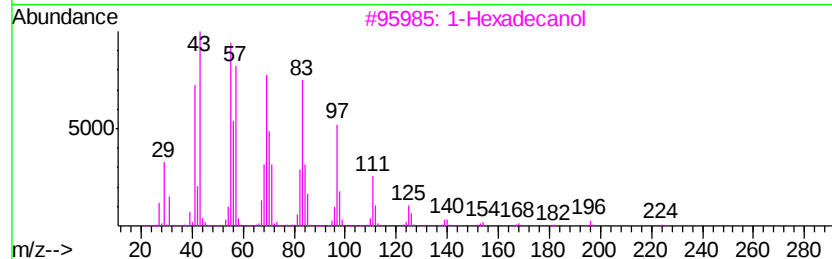
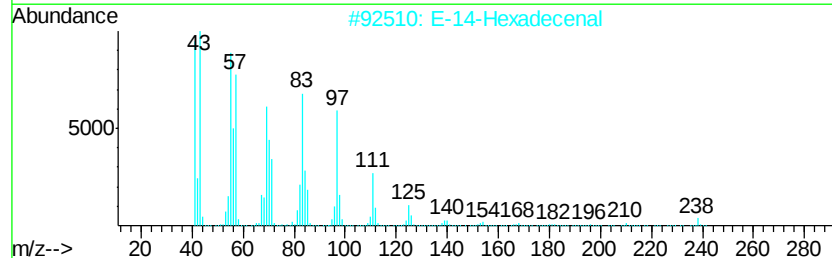
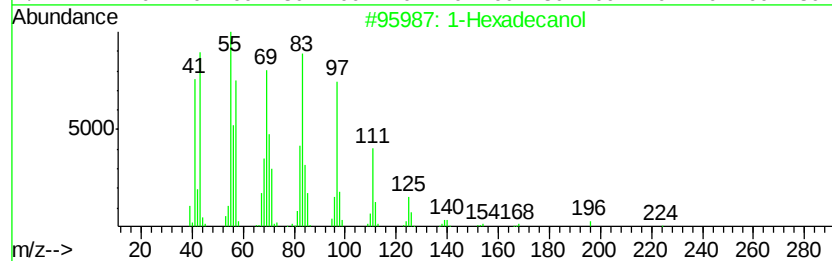
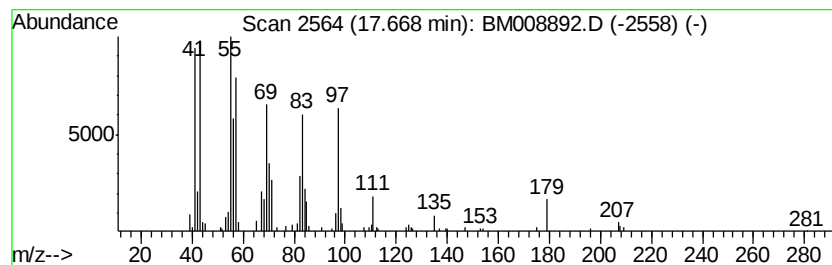
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012317.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Hexadecanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	4.28 ng/ul	287075	Phenanthrene-d10	17.32

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	91
2			E-14-Hexadecenal	238	C16H30O	330207-53-9	91
3			1-Hexadecanol	242	C16H34O	036653-82-4	91
4			n-Heptadecanol-1	256	C17H36O	001454-85-9	91
5			Cetene	224	C16H32	000629-73-2	91



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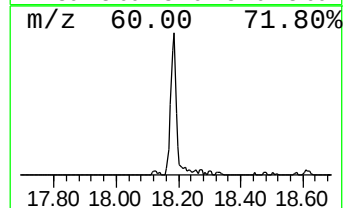
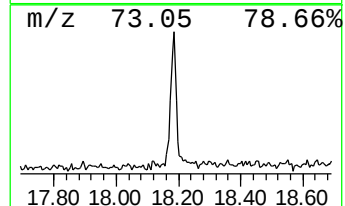
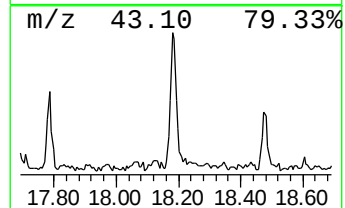
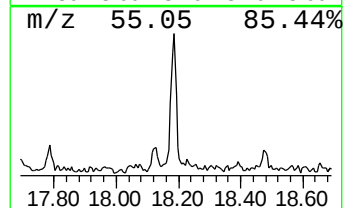
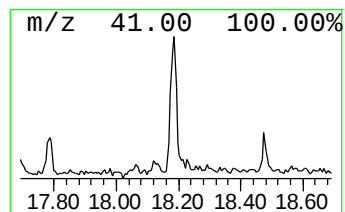
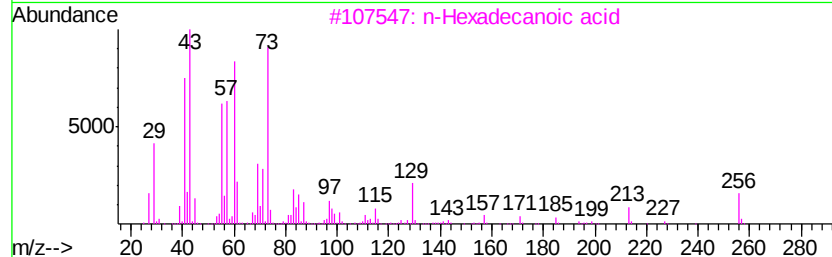
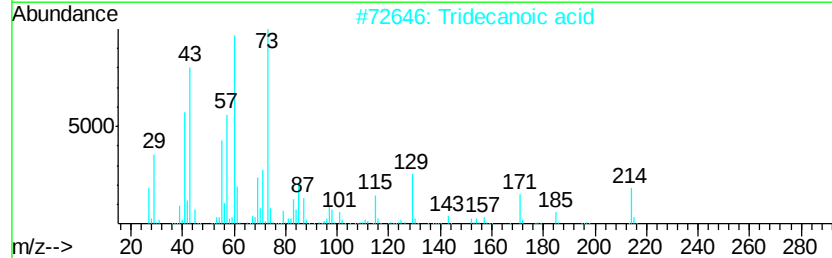
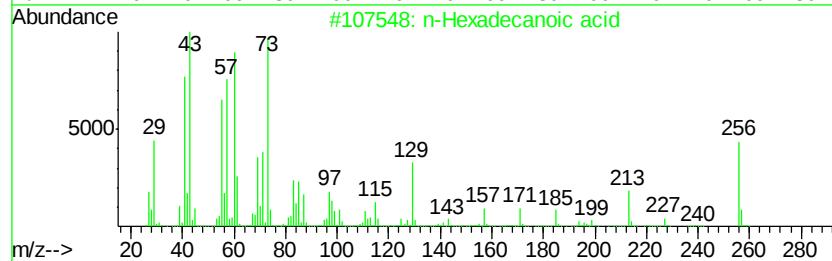
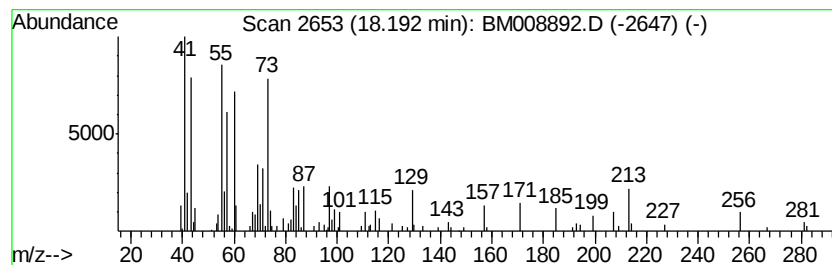
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.19	5.75 ng/ul	384959	Phenanthrene-d10		17.32	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	96
2	Tridecanoic acid		214	C13H26O2	000638-53-9	72
3	n-Hexadecanoic acid		256	C16H32O2	000057-10-3	70
4	Tridecanoic acid		214	C13H26O2	000638-53-9	68
5	Tridecanoic acid		214	C13H26O2	000638-53-9	64



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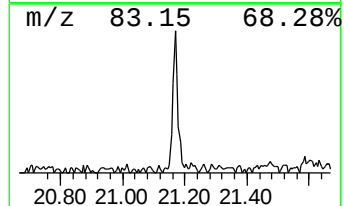
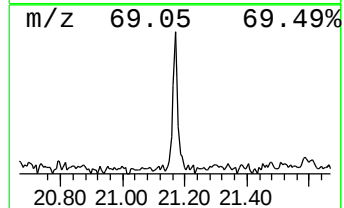
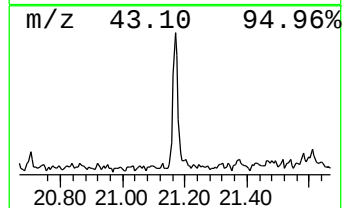
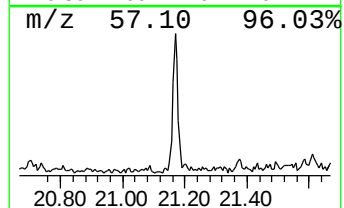
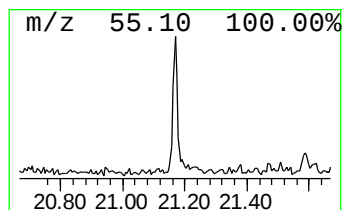
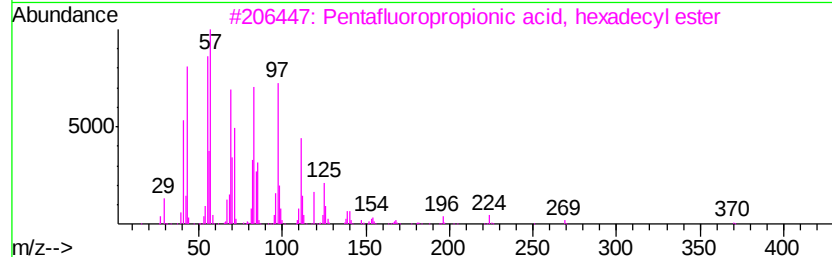
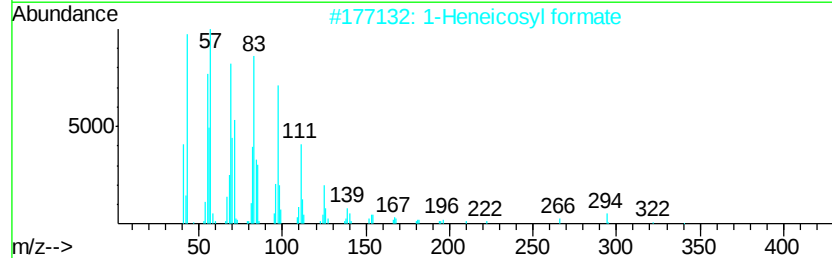
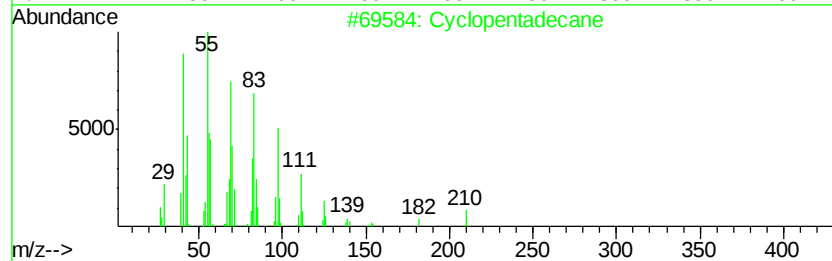
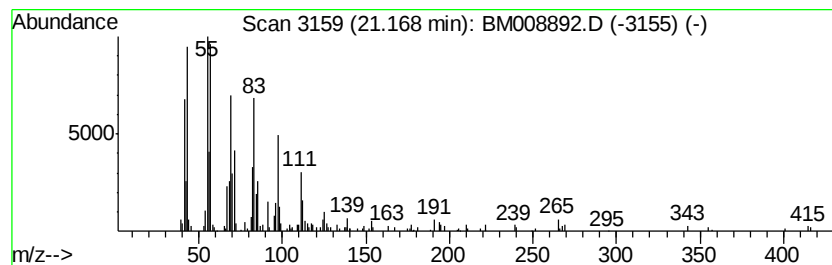
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Peak Number 3 (DEL) Alkane: Cyclic21.17 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.17	3.36 ng/ul	290932	Chrysene-d12	21.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentadecane	210	C15H30	000295-48-7	96
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		Pentafluoropropionic acid, hexadecyl ester	388	C19H33F5O2	006222-07-7	91
4		Heptafluorobutyric acid, hexadecyl ester	438	C20H33F7O2	006385-15-5	91
5		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Hexadecanol	17.67	4.3	ng/ul	287075	4	17.32	1339970	20.0
n-Hexadecanoic acid	18.19	5.8	ng/ul	384959	4	17.32	1339970	20.0
(DEL) Alkane: Cyc...	21.17	3.4	ng/ul	290932	5	21.48	1729920	20.0