LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112717\
Data File : BM013116.D
Acq On : 27 Nov 2017 18:27
Operator : SJ/JU
Sample : I6496-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA9

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

Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.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	6.899	640	648	658	rBV2	543890	1017904	22.96%	2.012%
2	7.051	667	674	681	rBV	432830	680155	15.34%	1.344%
3	7.246	698	707	716	rBV	557192	916108	20.66%	1.811%
4	7.710	778	786	794	rVB	894768	1415149	31.92%	2.797%
5	8.422	900	907	915	rBV	565688	886262	19.99%	1.752%
6	8.857	975	981	989	rVB	591619	979052	22.08%	1.935%
7	9.575	1096	1103	1113	rBV	501843	821599	18.53%	1.624%
8	10.122	1189	1196	1204	rBV	742446	1235196	27.86%	2.441%
9	10.487	1250	1258	1266	rVB	1270335	2099891	47.36%	4.151%
10	10.628	1272	1282	1295	rBV	557608	994182	22.42%	1.965%
11	13.175	1708	1715	1720	rBV4	32258	49311	1.11%	0.097%
12	13.333	1735	1742	1748	rBV4	36152	58345	1.32%	0.115%
13	13.763	1809	1815	1819	rBV	1551424	2114722	47.69%	4.180%
14	13.810	1819	1823	1832	rVB	288567	418645	9.44%	0.827%
15	14.039	1853	1862	1870	rBV	1603462	2354234	53.10%	4.653%
16	14.257	1894	1899	1904	rBV2	75148	96351	2.17%	0.190%
17	14.345	1907	1914	1923	rVB2	1911615	3038451	68.53%	6.006%
18	14.575	1946	1953	1968	rBV	627325	1025773	23.13%	2.028%
19	14.774	1981	1987	1992	rBV9	28982	49038	1.11%	0.097%
20	15.210	2057	2061	2066	rVB	76701	101150	2.28%	0.200%
21	15.345	2076	2084	2090	rBV	2004789	2921423	65.89%	5.774%
22	15.463	2098	2104	2110	rBV	583928	846641	19.09%	1.673%
23	15.580	2120	2124	2128	rBV4	27260	46481	1.05%	0.092%
24	16.074	2204	2208	2216	rBV	80236	116559	2.63%	0.230%
25	16.868	2337	2343	2347	rBV2	57062	83064	1.87%	0.164%
26	17.004	2362	2366	2372	rBV5	33546	55309	1.25%	0.109%
27	17.092	2372	2381	2392	rVV2	2725477	3879447	87.50%	7.668%
28	17.192	2392	2398	2407	rVB2	2351997	3247972	73.25%	6.420%
29	17.880	2509	2515	2522	rBV7	38148	70082	1.58%	0.139%
30	18.004	2530	2536	2545	rBV	570574	831687	18.76%	1.644%
31	18.298	2582	2586	2594	rBV8	30639	46558	1.05%	0.092%
32	19.121	2722	2726	2729	rBV2	35333	59191	1.33%	0.117%
33	19.286	2749	2754	2762	rBV	368828	518844	11.70%	1.026%
34	19.374	2766	2769	2774	rVB3	37172	48005	1.08%	0.095%

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Title : SVOA CALIBRATION

35	19.486	2782	2788	2795	rVB2	2730988	3656969	82.48%	7.228%
36	21.003	3041	3046	3053	rBV	587068	750767	16.93%	1.484%
37	21.280	3087	3093	3098	rBV	3403459	4433886	100.00%	8.764%
38	21.445	3119	3121	3128	rVB7	63298	78364	1.77%	0.155%
39	21.892	3192	3197	3203	rVB6	118788	241127	5.44%	0.477%
40	22.468	3292	3295	3302	rVB2	115292	153182	3.45%	0.303%
41	22.845	3355	3359	3363	rBV3	131053	212531	4.79%	0.420%
42	22.892	3363	3367	3374	rVB6	190574	313433	7.07%	0.620%
43	23.362	3440	3447	3453	rBV2	1739249	3241673	73.11%	6.407%
44	23.503	3465	3471	3480	rVB	2011899	3818686	86.13%	7.548%
45	24.050	3562	3564	3571	rVB6	133088	238065	5.37%	0.471%
46	24.139	3576	3579	3586	rVB6	169393	330503	7.45%	0.653%

Sum of corrected areas: 50591967

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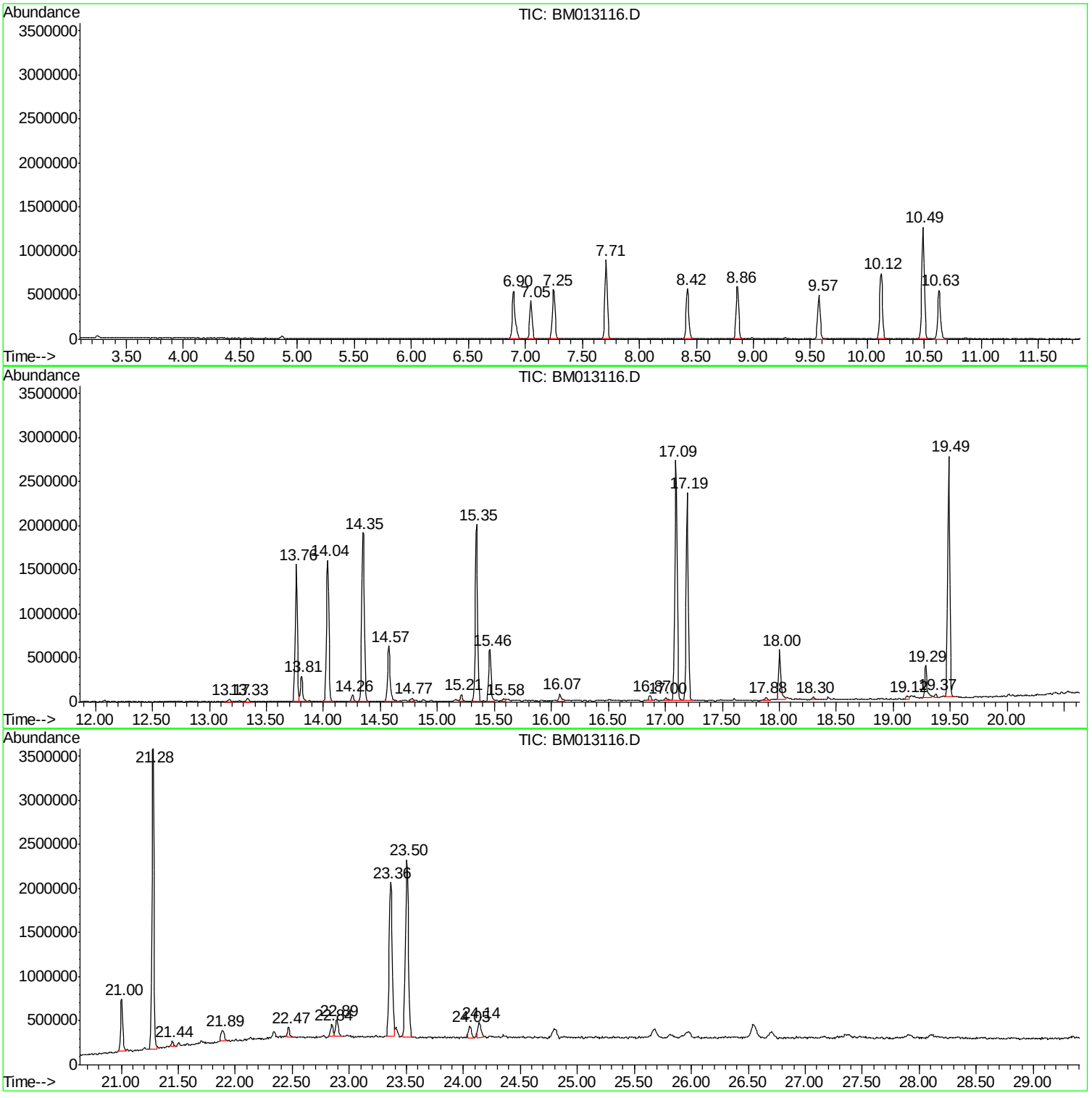
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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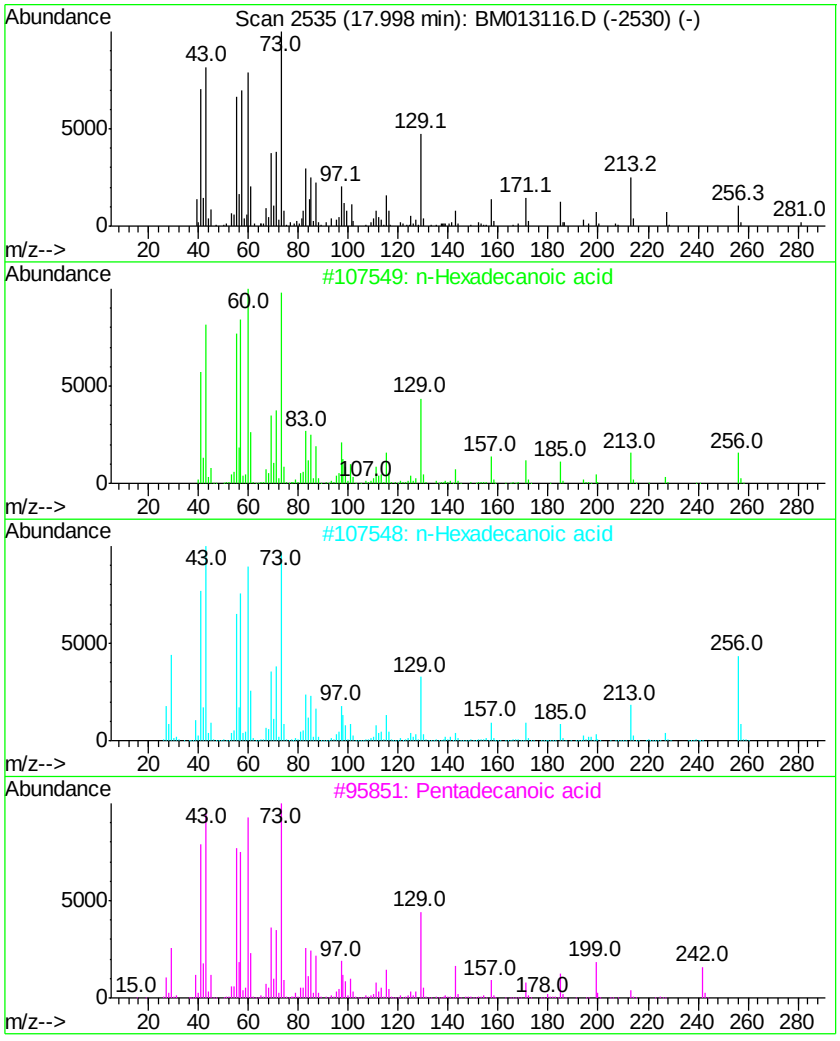
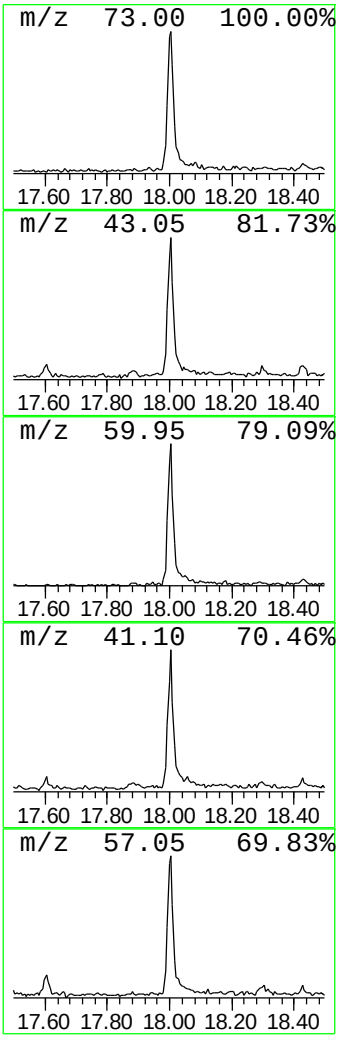
Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.00	4.29 ng/ul	831687	Phenanthrene-d10	17.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





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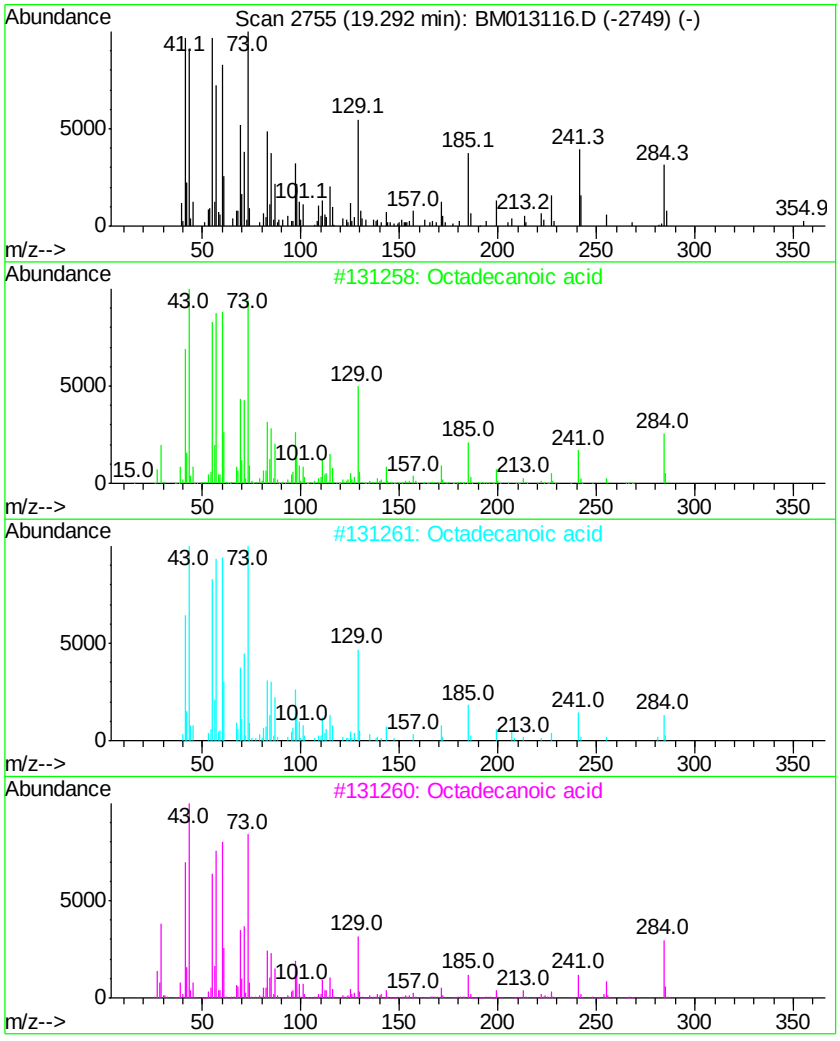
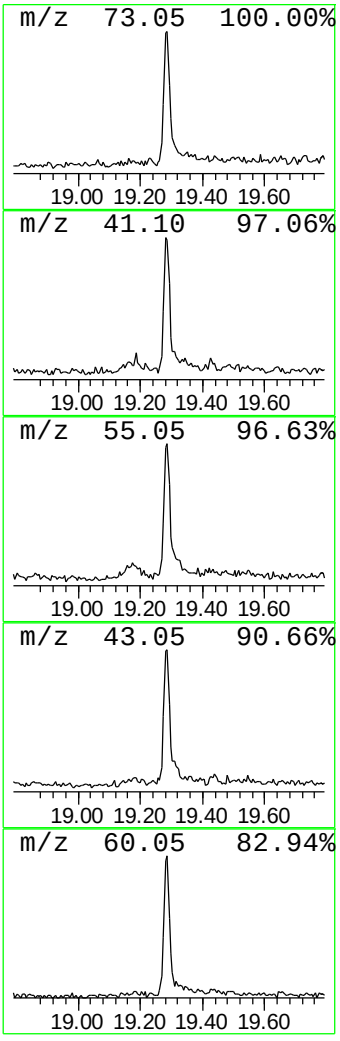
Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.34 ng/ul	518844	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	96
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





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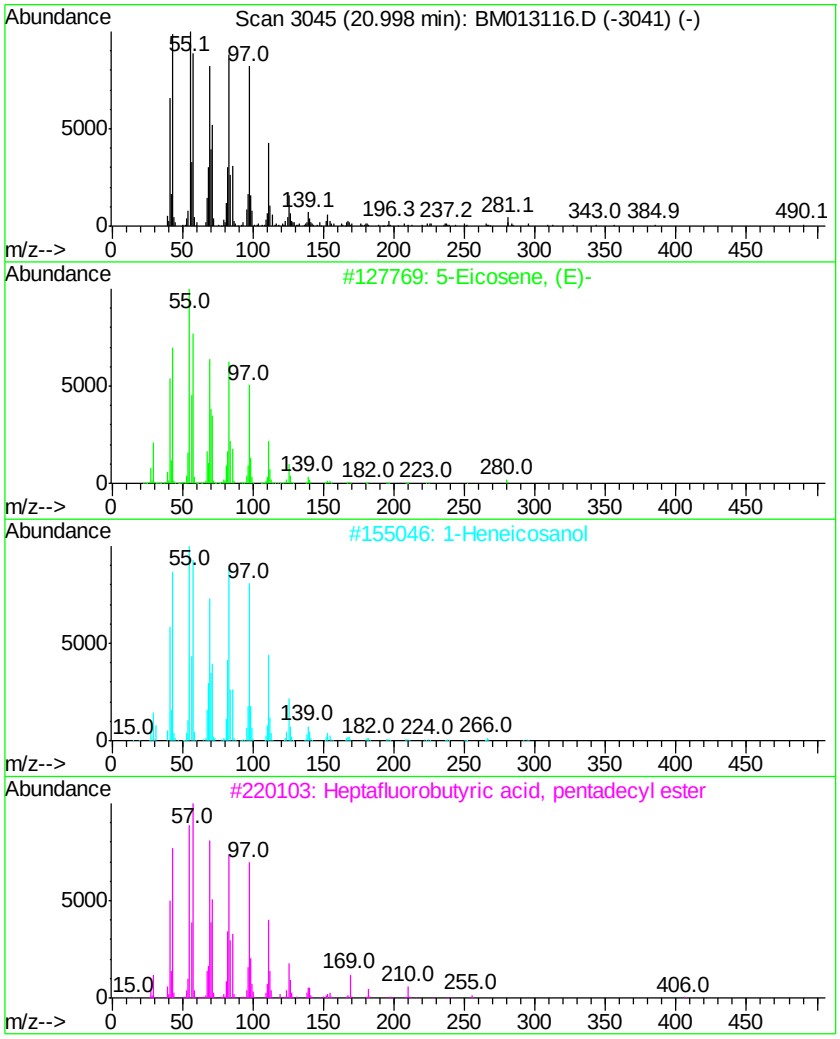
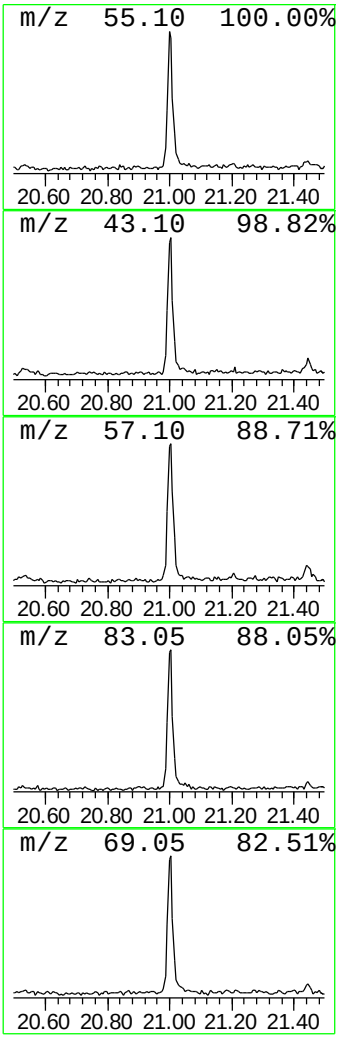
Peak Number 3 (DEL) Alkane: Cyclic21.00 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	3.39 ng/ul	750767	Chrysene-d12	21.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
4	17-Pentatriacontene	491	C35H70	006971-40-0	91
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	4.3	ng/ul	831687	4	17.09	3879450	20.0
Octadecanoic acid	19.29	2.3	ng/ul	518844	5	21.28	4433890	20.0
(DEL) Alkane: Cyc...	21.00	3.4	ng/ul	750767	5	21.28	4433890	20.0