LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032008.D
Acq On : 01 Sep 2021 06:07
Operator : CG/JU
Sample : M3494-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAS55

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM032008.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.546	75	78	82	rBV2	10920	19085	0.63%	0.085%
2	3.716	105	107	112	rVB5	5682	8014	0.27%	0.036%
3	6.699	609	614	625	rBV	57005	97051	3.21%	0.432%
4	6.857	636	641	654	rBV	185046	307255	10.18%	1.369%
5	7.040	666	672	682	rBV	217528	348285	11.54%	1.552%
6	7.498	744	750	761	rBV	231002	365121	12.09%	1.627%
7	8.216	866	872	883	rBV	175109	289808	9.60%	1.291%
8	8.651	938	946	958	rBV	283516	467533	15.49%	2.083%
9	9.363	1059	1067	1078	rBV	236413	396010	13.12%	1.764%
10	9.892	1151	1157	1172	rBV	320468	590493	19.56%	2.631%
11	10.257	1212	1219	1226	rBV	349018	558120	18.49%	2.486%
12	10.304	1226	1227	1232	rVB2	6921	6554	0.22%	0.029%
13	10.416	1240	1246	1262	rBV	117148	241131	7.99%	1.074%
14	11.869	1488	1493	1497	rBV2	5062	7715	0.26%	0.034%
15	13.569	1775	1782	1787	rBV	782626	1071875	35.50%	4.775%
16	13.616	1787	1790	1797	rVB	102760	137493	4.55%	0.613%
17	13.828	1819	1826	1838	rBV	829643	1243304	41.18%	5.539%
18	14.139	1873	1879	1885	rBV	590040	882189	29.22%	3.930%
19	14.404	1918	1924	1940	rBV2	33978	100611	3.33%	0.448%
20	15.145	2043	2050	2059	rBV	1272905	1749445	57.94%	7.794%
21	15.286	2068	2074	2087	rBV	392818	585204	19.38%	2.607%
22	15.386	2087	2091	2095	rVB2	7011	10202	0.34%	0.045%
23	16.051	2199	2204	2211	rVB6	2063	4696	0.16%	0.021%
24	16.127	2211	2217	2221	rBV5	3317	5558	0.18%	0.025%
25	16.645	2299	2305	2308	rBV4	3270	4781	0.16%	0.021%
26	16.680	2308	2311	2321	rVV6	2974	6498	0.22%	0.029%
27	16.898	2342	2348	2358	rBV	808675	1108224	36.71%	4.937%
28	16.998	2359	2365	2378	rVV	1695370	2324693	77.00%	10.356%
29	17.316	2414	2419	2422	rBV6	1849	3781	0.13%	0.017%
30	17.592	2461	2466	2468	rBV4	4143	4950	0.16%	0.022%
31	17.815	2498	2504	2513	rBV	87434	126200	4.18%	0.562%
32	18.398	2599	2603	2608	rVB4	9614	11981	0.40%	0.053%
33	18.557	2627	2630	2634	rVV2	29509	37608	1.25%	0.168%
34	18.862	2678	2682	2689	rBV2	17571	24632	0.82%	0.110%
35	18.939	2691	2695	2698	rVV	16523	23918	0.79%	0.107%
36	18.980	2698	2702	2710	rVB	14794	22185	0.73%	0.099%

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37	19.110	2720	2724	2731	rBV3	28926	41150	1.36%	0.183%
38	19.304	2751	2757	2765	rBV	2153151	2850041	94.40%	12.697%
39	19.374	2767	2769	2772	rVB4	6460	6002	0.20%	0.027%
40	20.839	3014	3018	3027	rBV2	162230	272945	9.04%	1.216%
41	21.104	3058	3063	3070	rBV	1121052	1403405	46.48%	6.252%
42	21.745	3169	3172	3176	rVB2	115879	135308	4.48%	0.603%
43	23.109	3397	3404	3417	rBV2	1654741	3019188	100.00%	13.450%
44	23.239	3420	3426	3435	rVB2	742562	1375392	45.56%	6.127%
45	23.739	3509	3511	3518	rVB2	96030	151788	5.03%	0.676%

Sum of corrected areas: 22447422

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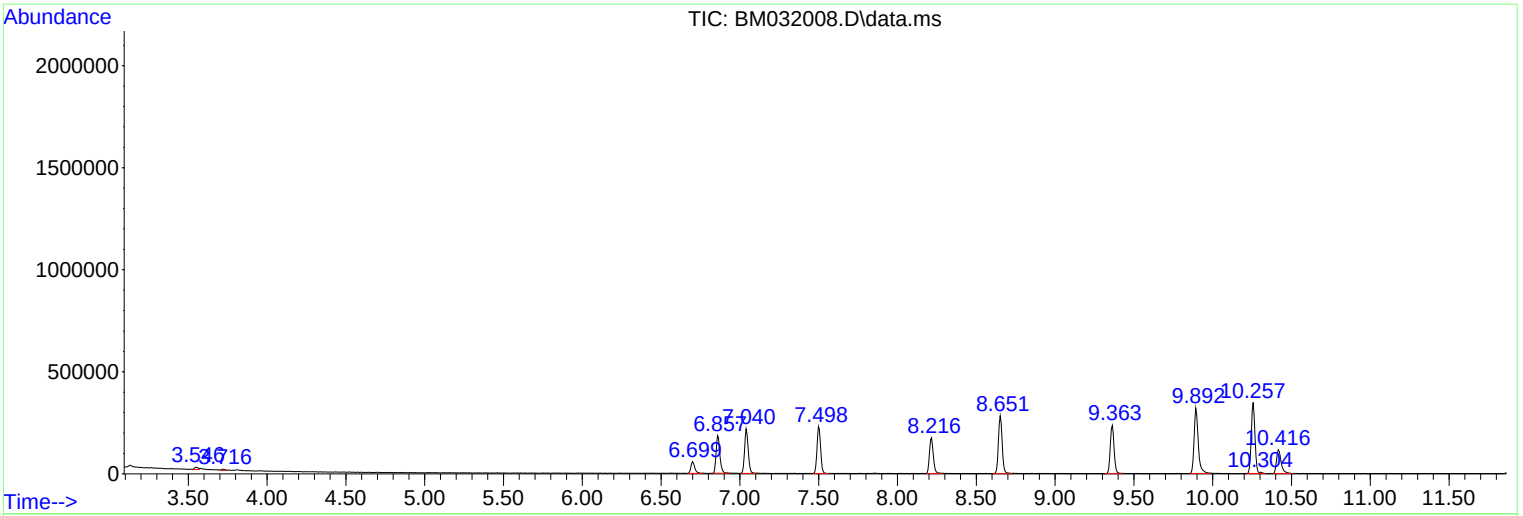
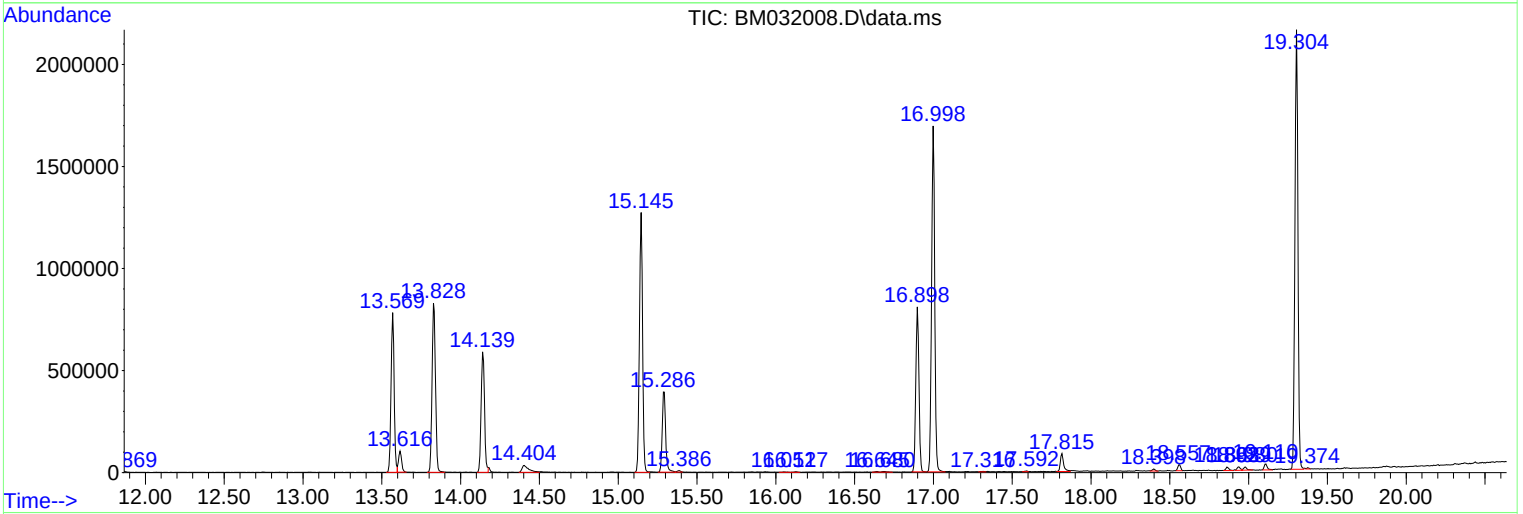
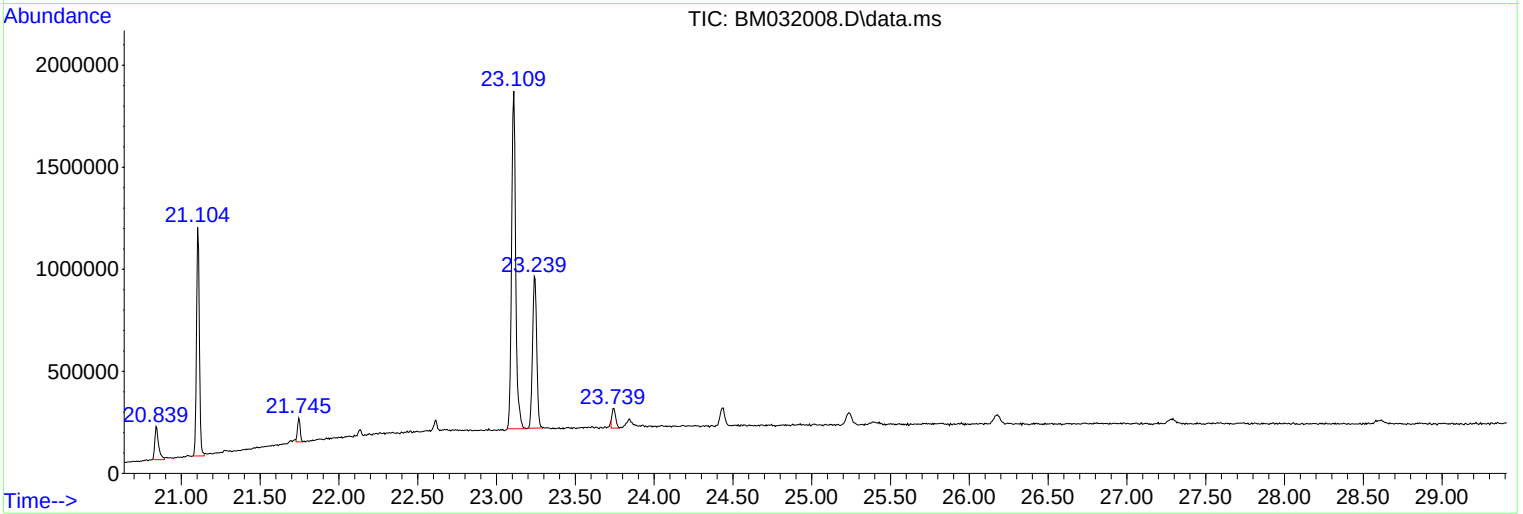
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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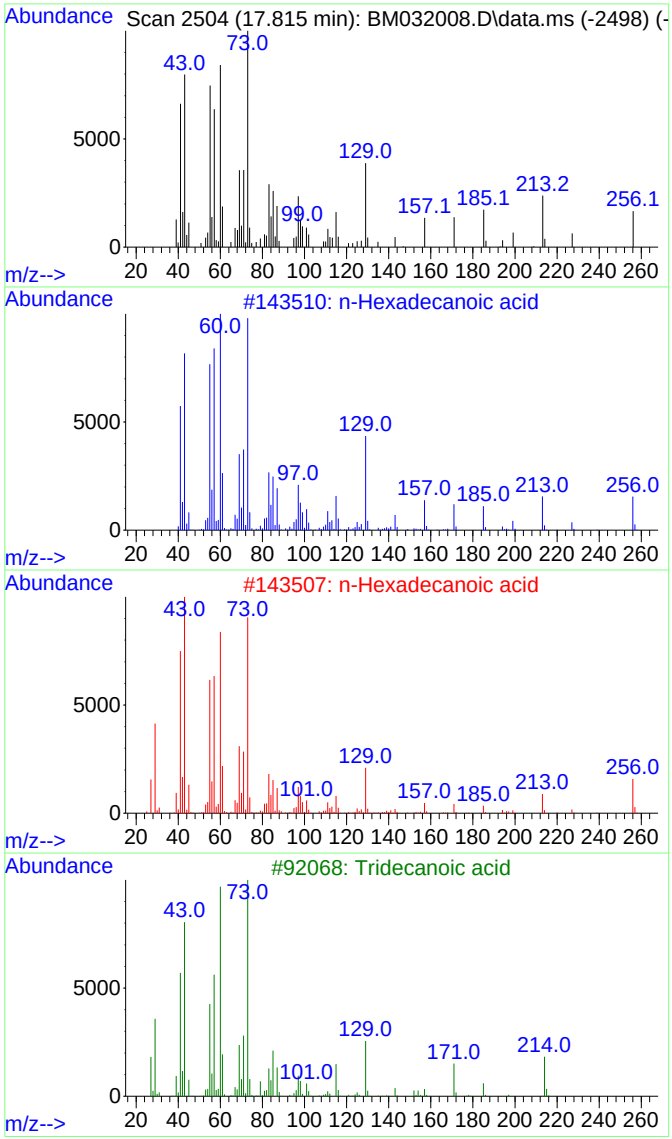
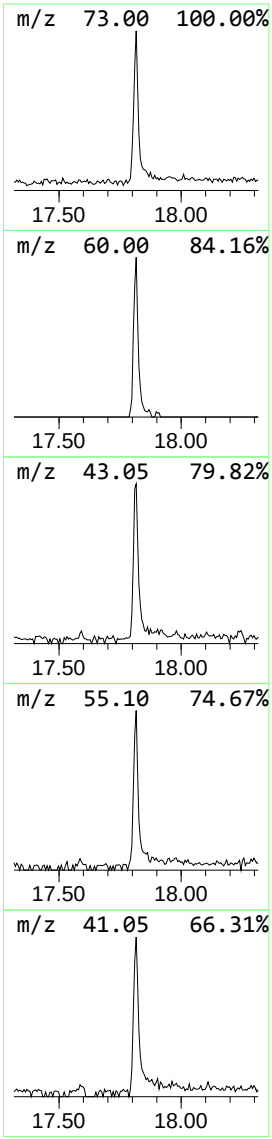
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.816	2.28 ng/ul	126200	Phenanthrene-d10	16.898

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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
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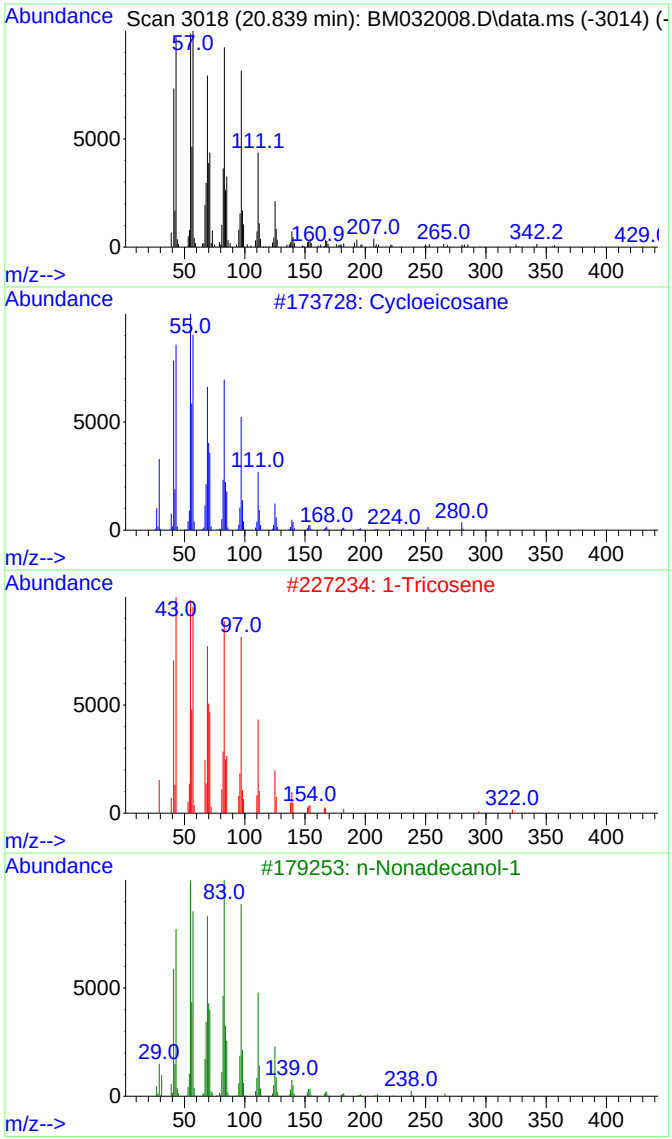
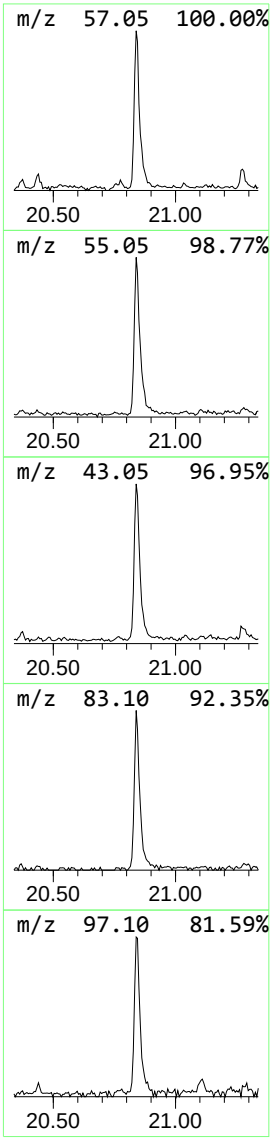
****
Peak Number 2 (DEL) Alkane: Cyclic20.839 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.839	3.89 ng/ul	272945	Chrysene-d12	21.104

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	98
2	1-Tricosene	322	C23H46	018835-32-0	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	95
4	1-Tetracosene	336	C24H48	010192-32-2	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





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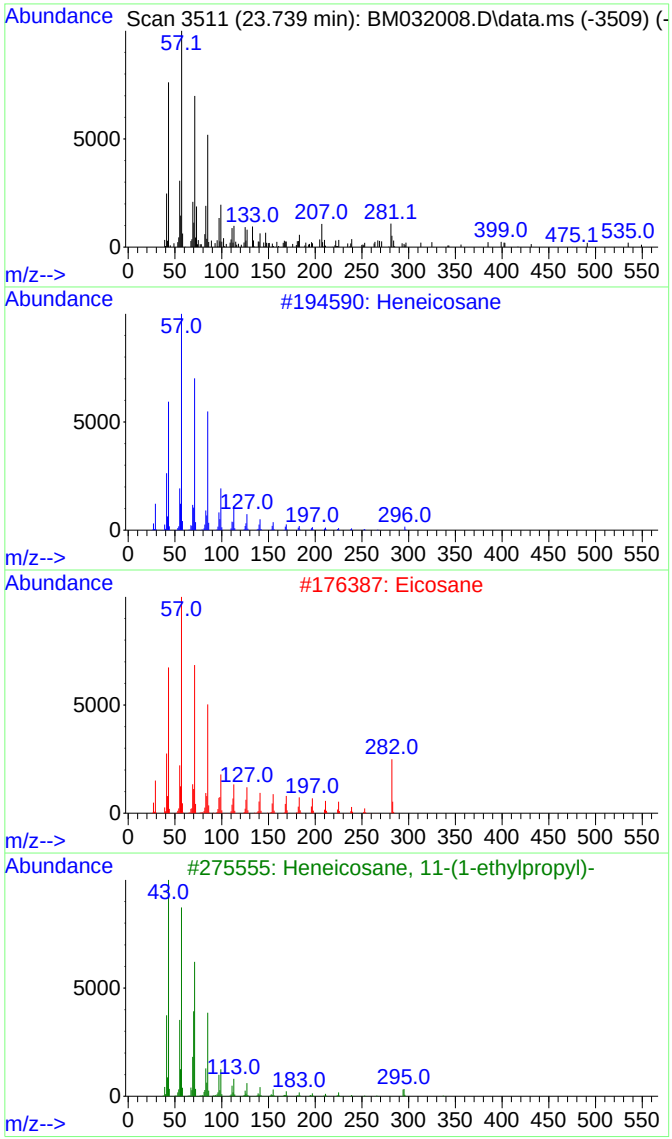
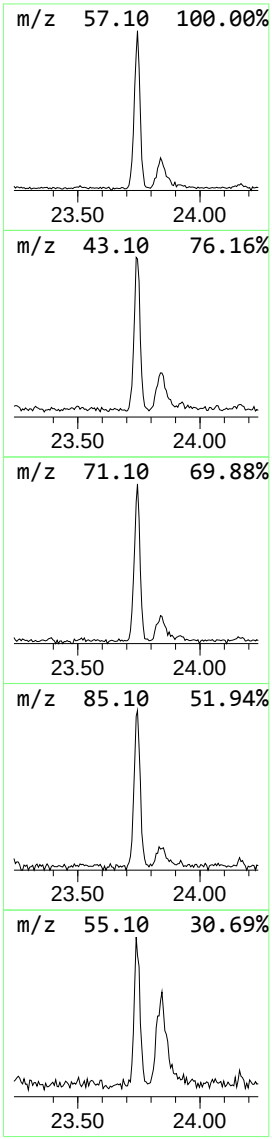
****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.739	2.21 ng/ul	151788	Perylene-d12	23.239

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Eicosane	282	C20H42	000112-95-8	81
3	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	74
4	Tetracosane	338	C24H50	000646-31-1	72
5	Hexatriacontane	507	C36H74	000630-06-8	72





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Hexadecanoic ...	17.816	2.3	ng/ul	126200	4	16.898	1108220	20.0
(DEL) Alkane: C...	20.839	3.9	ng/ul	272945	5	21.104	1403410	20.0
(DEL) Alkane: S...	23.739	2.2	ng/ul	151788	6	23.239	1375390	20.0