LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022120\
Data File : BP001839.D
Acq On : 22 Feb 2020 00:41
Operator : CG/JU
Sample : L1506-12
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBCZ0

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_P\METHODS\SOM-EPA-BP021820MA.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	2.922	3	6	23	rVB	698305	1085850	7.80%	0.795%
2	3.175	45	49	57	rVB	104245	150878	1.08%	0.110%
3	3.452	93	96	99	rBV	16798	26559	0.19%	0.019%
4	3.905	168	173	177	rBV	14982	22345	0.16%	0.016%
5	4.393	251	256	262	rVB2	11279	20649	0.15%	0.015%
6	4.799	321	325	335	rVB	21993	38668	0.28%	0.028%
7	6.834	663	671	683	rBV	1870300	3125743	22.46%	2.289%
8	6.993	688	698	710	rBV	1605747	2463082	17.70%	1.804%
9	7.187	724	731	741	rBV	2065459	3326084	23.90%	2.436%
10	7.652	801	810	819	rBV	1366428	2155717	15.49%	1.579%
11	7.734	820	824	829	rVB	12300	19009	0.14%	0.014%
12	8.357	923	930	943	rBV	2485589	3986106	28.65%	2.919%
13	8.451	943	946	958	rVB9	6893	15679	0.11%	0.011%
14	8.799	996	1005	1020	rBV	1894545	3089376	22.20%	2.262%
15	8.981	1031	1036	1044	rBV10	9456	16176	0.12%	0.012%
16	9.287	1083	1088	1095	rVB	69156	111405	0.80%	0.082%
17	9.516	1117	1127	1136	rBV	1590956	2621303	18.84%	1.920%
18	10.051	1207	1218	1231	rBV	2654990	4378597	31.47%	3.207%
19	10.428	1274	1282	1291	rBV	1938683	3229320	23.21%	2.365%
20	10.557	1296	1304	1322	rBV	2558351	4303978	30.93%	3.152%
21	12.022	1547	1553	1562	rBV	47691	82111	0.59%	0.060%
22	13.210	1747	1755	1761	rVV2	42385	94575	0.68%	0.069%
23	13.704	1832	1839	1844	rBV	4502154	6407877	46.05%	4.693%
24	13.751	1844	1847	1853	rVB	727576	929811	6.68%	0.681%
25	13.981	1877	1886	1896	rBV	5354551	8166617	58.69%	5.981%
26	14.228	1923	1928	1932	rBV2	13107	17865	0.13%	0.013%
27	14.292	1932	1939	1946	rBV	2995092	4590836	32.99%	3.362%
28	14.486	1962	1972	1987	rBV	2013533	3021554	21.72%	2.213%
29	14.716	2006	2011	2018	rVB3	24472	39640	0.28%	0.029%
30	15.122	2077	2080	2085	rVB2	11573	15968	0.11%	0.012%
31	15.181	2085	2090	2094	rVB	15710	20377	0.15%	0.015%
32	15.286	2101	2108	2120	rBV	6829903	10041910	72.17%	7.354%
33	15.404	2122	2128	2141	rBV	1931298	2605253	18.72%	1.908%
34	15.528	2144	2149	2155	rVB	86499	125278	0.90%	0.092%

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Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	15.857	2201	2205	2209	rBV5	9276	14462	0.10%	0.011%
36	15.951	2217	2221	2225	rBV7	8623	17502	0.13%	0.013%
37	16.075	2239	2242	2249	rVB2	30179	46143	0.33%	0.034%
38	16.722	2349	2352	2357	rVB2	16315	22606	0.16%	0.017%
39	16.828	2365	2370	2380	rVB2	19862	50880	0.37%	0.037%
40	17.039	2400	2406	2413	rBV	4048064	5657717	40.66%	4.143%
41	17.139	2416	2423	2434	rBV2	7204949	10555436	75.86%	7.730%
42	17.245	2438	2441	2448	rVB5	22081	33286	0.24%	0.024%
43	17.404	2464	2468	2474	rBV3	11422	17946	0.13%	0.013%
44	17.839	2538	2542	2546	rBV6	13196	24235	0.17%	0.018%
45	17.916	2551	2555	2558	rBV5	14132	18400	0.13%	0.013%
46	17.963	2558	2563	2579	rBV2	611778	1144006	8.22%	0.838%
47	18.222	2603	2607	2609	rBV3	40393	48881	0.35%	0.036%
48	18.251	2610	2612	2620	rVB	44225	54146	0.39%	0.040%
49	18.798	2703	2705	2712	rVB8	25093	35810	0.26%	0.026%
50	18.969	2730	2734	2738	rBV6	21636	33087	0.24%	0.024%
51	19.027	2740	2744	2748	rVB	106274	135810	0.98%	0.099%
52	19.204	2770	2774	2781	rBV	89229	142040	1.02%	0.104%
53	19.274	2782	2786	2792	rVB	92991	135343	0.97%	0.099%
54	19.386	2799	2805	2811	rVB	9388349	12840280	92.28%	9.403%
55	19.910	2891	2894	2899	rBV4	35111	45635	0.33%	0.033%
56	20.874	3053	3058	3067	rBV	1863670	2309058	16.59%	1.691%
57	21.133	3096	3102	3111	rBV	5335177	6878266	49.43%	5.037%
58	21.251	3117	3122	3128	rBV	270844	426083	3.06%	0.312%
59	21.310	3130	3132	3138	rVB2	94333	116759	0.84%	0.086%
60	21.751	3203	3207	3223	rVB3	190609	332773	2.39%	0.244%
61	22.192	3277	3282	3284	rBV	305187	504243	3.62%	0.369%
62	22.333	3302	3306	3315	rVB	516996	691302	4.97%	0.506%
63	22.715	3367	3371	3384	rVB	302214	482456	3.47%	0.353%
64	23.210	3446	3455	3463	rBV	7368571	13914496	100.00%	10.190%
65	23.286	3464	3468	3472	rVV	379736	650697	4.68%	0.477%
66	23.345	3472	3478	3490	rVB2	3777009	7097514	51.01%	5.198%
67	23.939	3574	3579	3585	rBV	353806	649181	4.67%	0.475%
68	24.009	3587	3591	3604	rVB2	277966	584163	4.20%	0.428%
69	24.698	3703	3708	3714	rVB	234294	493502	3.55%	0.361%

Sum of corrected areas: 136550340

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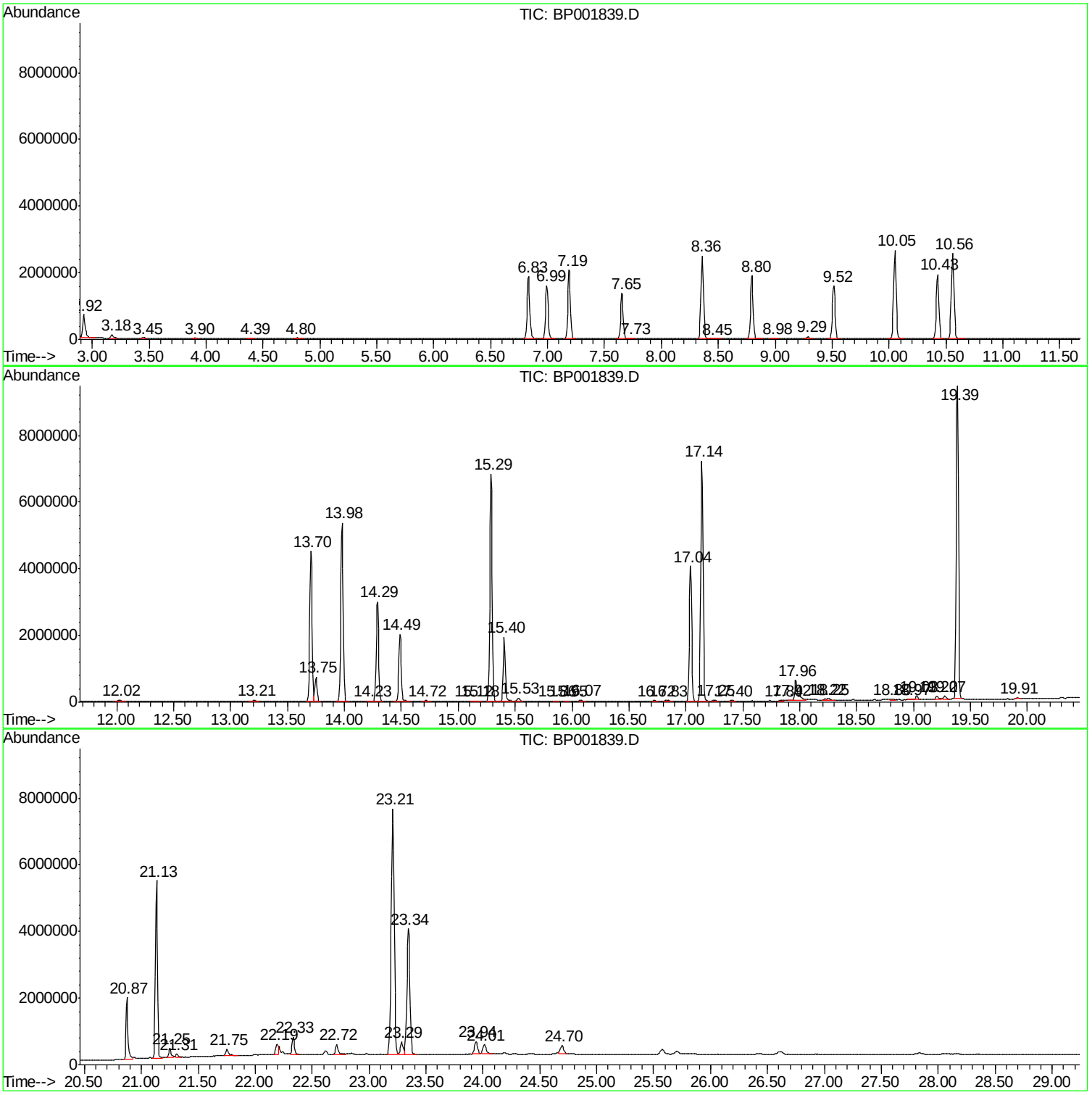
ClientSampleId : DBCZ0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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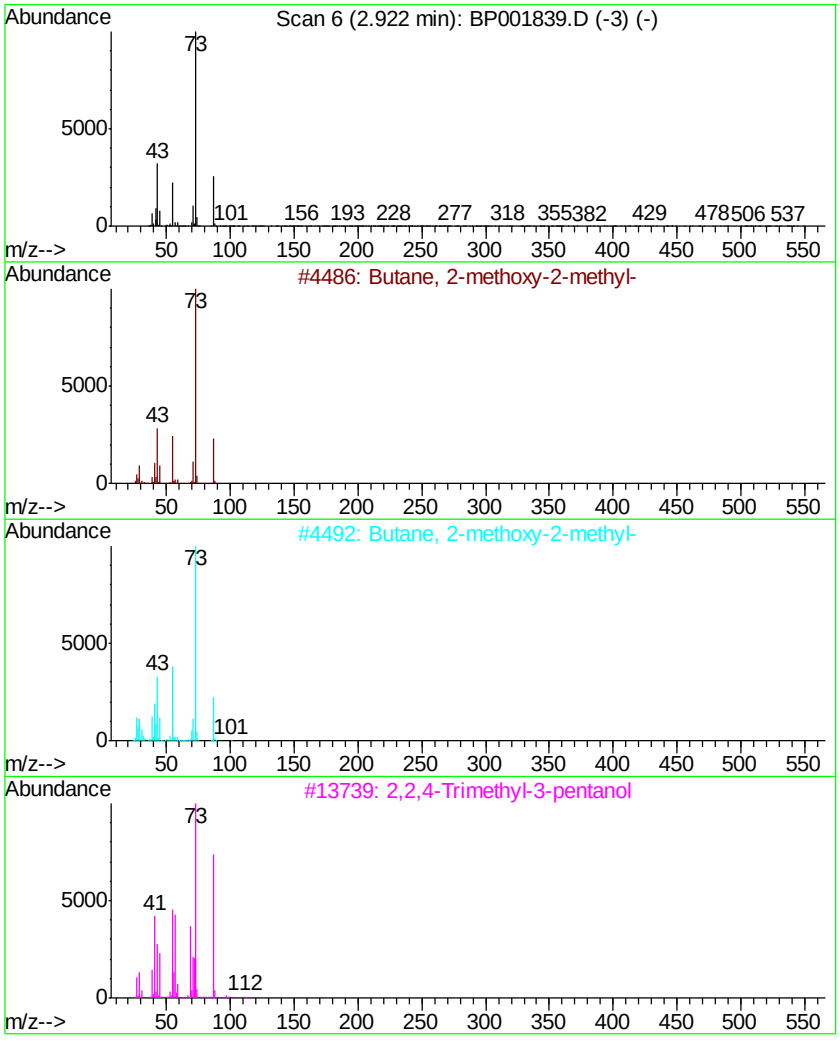
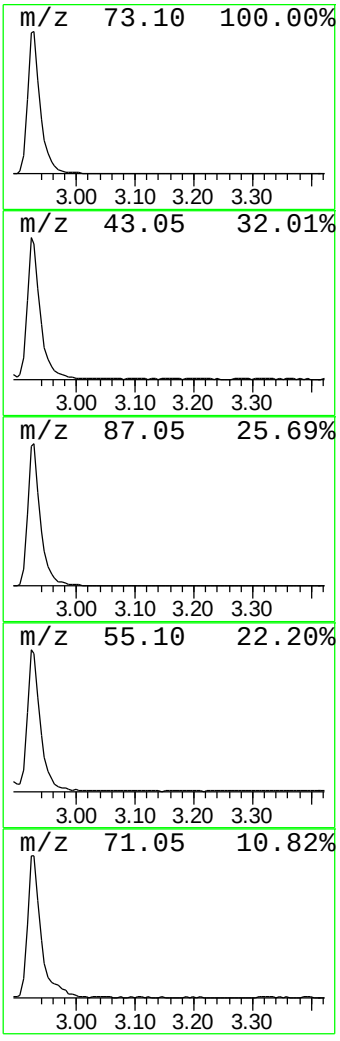
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	10.07 ng/ul	1085850	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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ClientSampleId : DBCZ0

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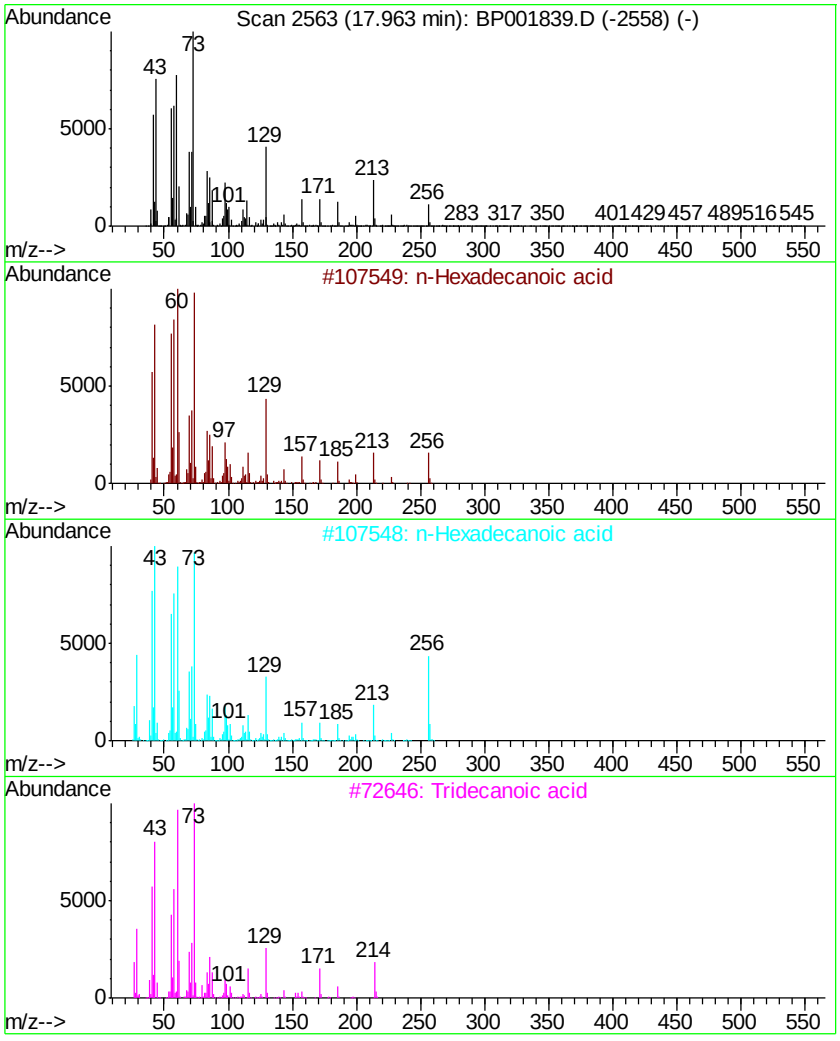
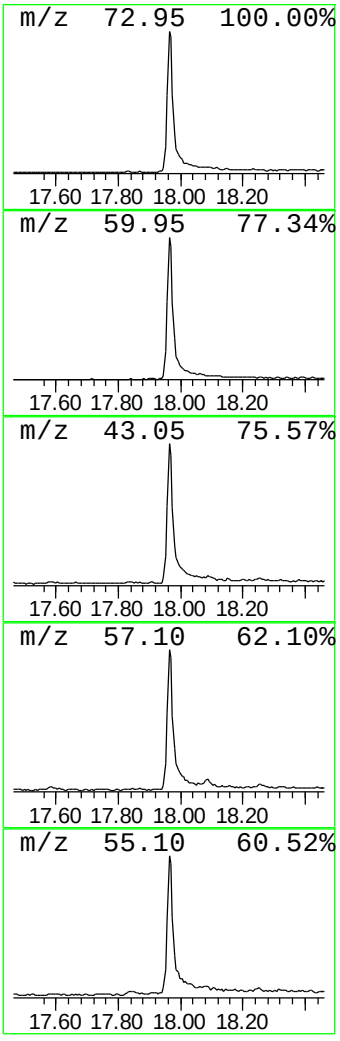
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	4.04 ng/ul	1144010	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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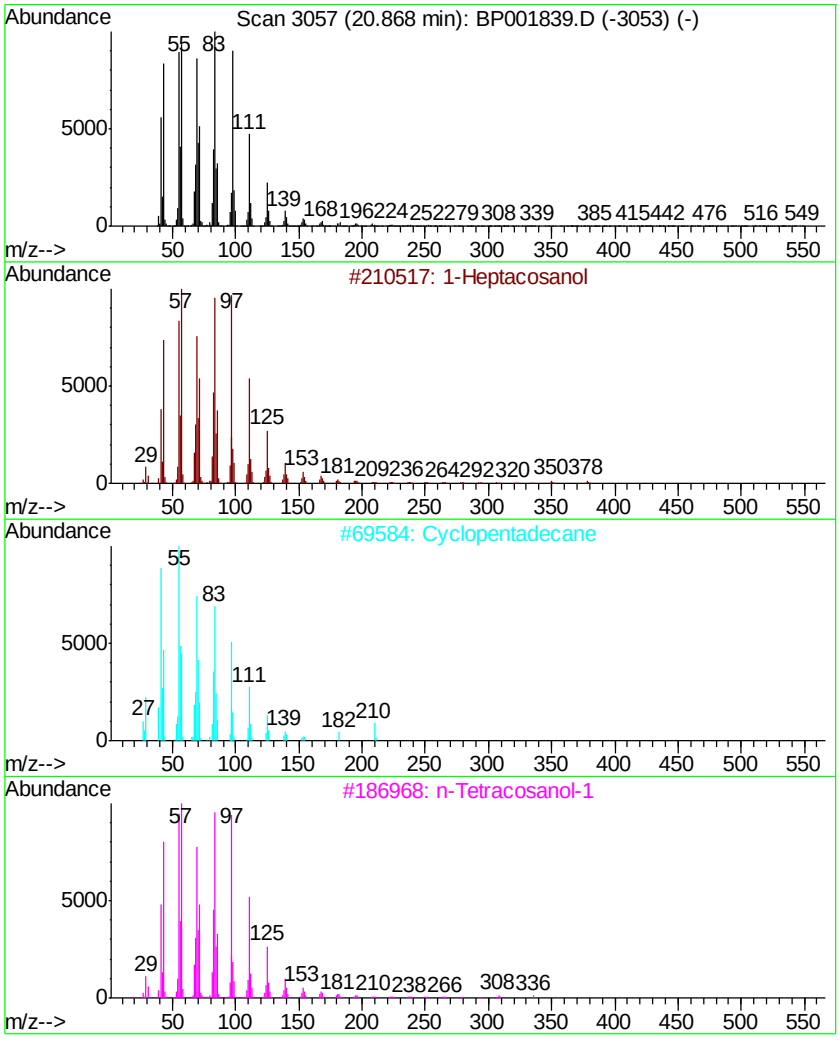
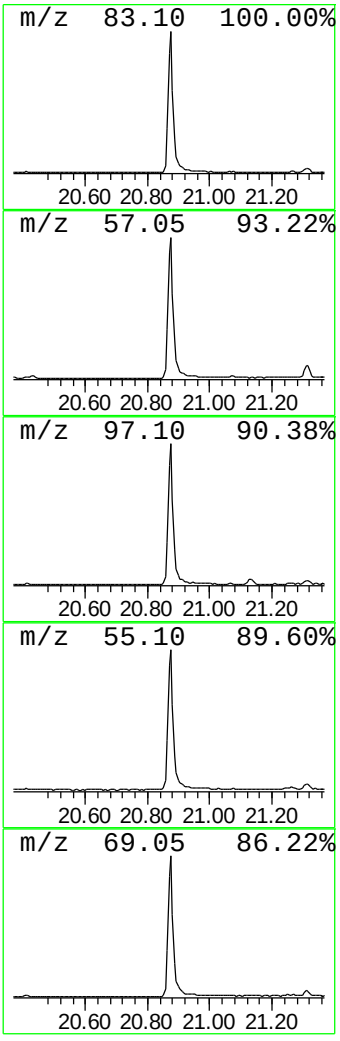
Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.71 ng/ul	2309060	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	1-Nonadecene	266	C19H38	018435-45-5	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	10.1	ng/ul	1085850	1	7.65	2155720	20.0
n-Hexadecanoic acid	17.96	4.0	ng/ul	1144010	4	17.04	5657720	20.0
1-Heptacosanol	20.87	6.7	ng/ul	2309060	5	21.13	6878270	20.0