LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092520\
Data File : BM027542.D
Acq On : 25 Sep 2020 23:06
Operator : JU/CG
Sample : L4135-19
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BG497

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\SOM-EPA-BM092420MA.M
Title : SVOA CALIBRATION

Signal : TIC: BM027542.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.058	9	12	25	rVB	206245	297369	7.13%	0.959%
2	3.316	52	56	64	rVB	16792	24984	0.60%	0.081%
3	4.040	175	179	183	rBV3	3313	5393	0.13%	0.017%
4	6.969	671	677	687	rBV2	112341	199993	4.79%	0.645%
5	7.140	700	706	714	rBV	281480	425971	10.21%	1.374%
6	7.340	733	740	749	rBV	363186	563016	13.50%	1.817%
7	7.416	749	753	757	rBV3	3385	4395	0.11%	0.014%
8	7.804	813	819	826	rVB	343834	529147	12.68%	1.707%
9	8.504	931	938	945	rBV	325092	498349	11.95%	1.608%
10	8.957	1006	1015	1022	rBV	392469	634859	15.22%	2.048%
11	9.404	1088	1091	1096	rVB3	2928	4538	0.11%	0.015%
12	9.675	1130	1137	1147	rVB	355448	561616	13.46%	1.812%
13	10.210	1221	1228	1238	rBV	652216	1057792	25.36%	3.413%
14	10.592	1286	1293	1301	rVB	461537	751890	18.02%	2.426%
15	10.722	1310	1315	1322	rBV	23570	37229	0.89%	0.120%
16	12.181	1557	1563	1568	rBV2	8679	14056	0.34%	0.045%
17	13.851	1840	1847	1852	rBV	1430207	1940099	46.50%	6.260%
18	13.892	1852	1854	1861	rVB	73228	90694	2.17%	0.293%
19	14.127	1884	1894	1901	rBV	1443092	2111511	50.61%	6.813%
20	14.439	1940	1947	1960	rVB	848854	1265172	30.33%	4.082%
21	14.622	1972	1978	1988	rBV	141500	201811	4.84%	0.651%
22	15.427	2109	2115	2123	rVB	1884491	2796624	67.04%	9.023%
23	15.539	2128	2134	2145	rBV	534534	715683	17.15%	2.309%
24	15.669	2149	2156	2161	rVV2	21624	32292	0.77%	0.104%
25	16.210	2244	2248	2253	rVB	8530	11634	0.28%	0.038%
26	16.968	2371	2377	2381	rBV2	5557	8196	0.20%	0.026%
27	17.180	2406	2413	2420	rVB	1155790	1651644	39.59%	5.329%
28	17.280	2423	2430	2441	rVB	2334497	3342453	80.12%	10.785%
29	17.857	2525	2528	2533	rBV7	4323	5658	0.14%	0.018%
30	18.080	2561	2566	2571	rBV	130566	175494	4.21%	0.566%
31	18.398	2615	2620	2622	rBV6	2891	4485	0.11%	0.014%
32	19.198	2752	2756	2762	rBV	30850	47665	1.14%	0.154%
33	19.362	2780	2784	2788	rBV	51551	61949	1.48%	0.200%
34	19.457	2795	2800	2804	rBV	29215	36221	0.87%	0.117%
35	19.515	2807	2810	2813	rBV5	5583	6740	0.16%	0.022%
36	19.568	2813	2819	2827	rVV	3210388	4171866	100.00%	13.461%

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Title : SVOA CALIBRATION

37	21.080	3072	3076	3081	rBV	154428	198280	4.75%	0.640%
38	21.356	3117	3123	3132	rBV	1413806	1831582	43.90%	5.910%
39	23.480	3477	3484	3492	rBV	1689525	3158574	75.71%	10.191%
40	23.621	3502	3508	3519	rVB	795743	1516001	36.34%	4.891%

Sum of corrected areas: 30992925

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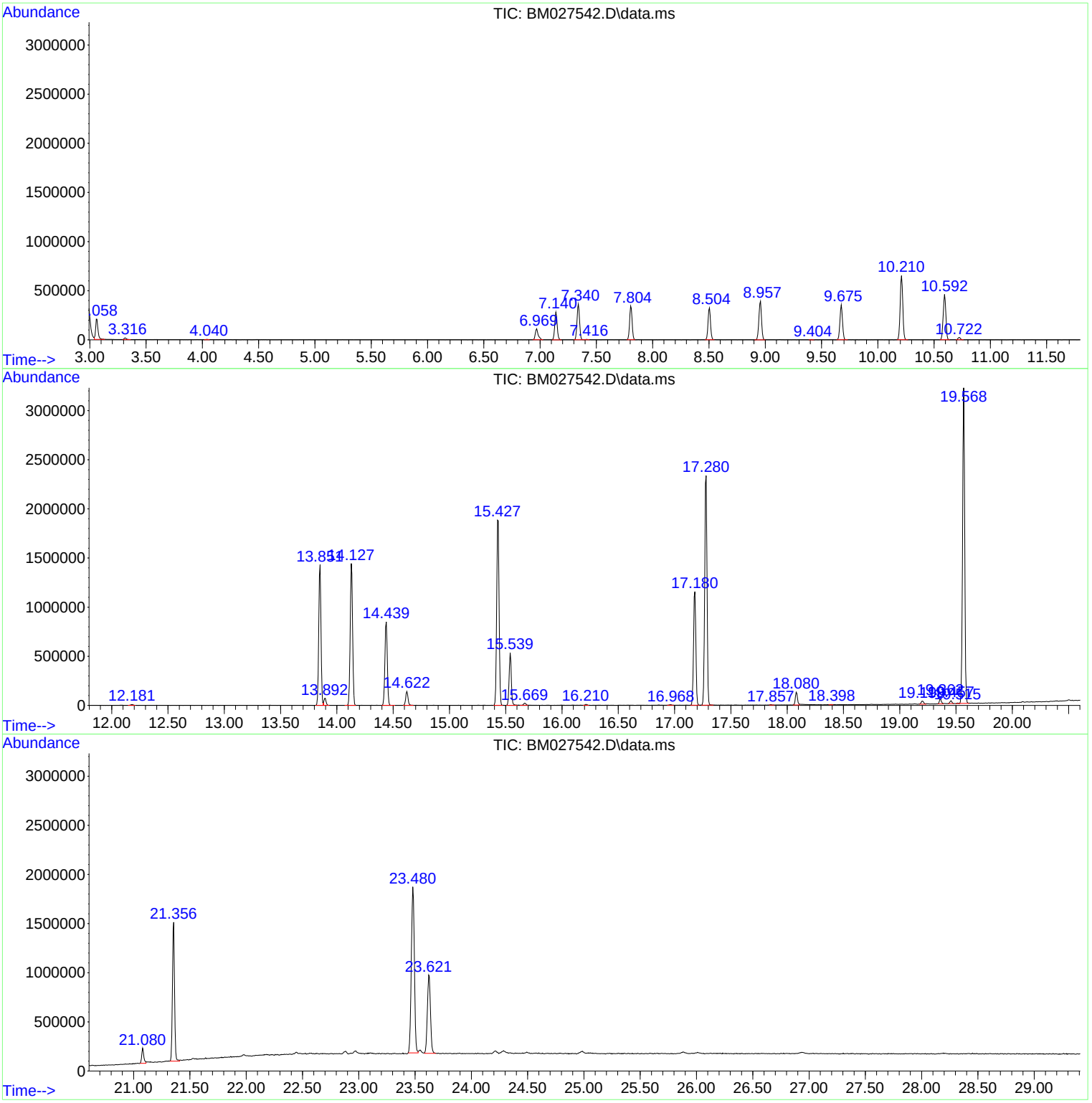
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092420MA.M
Quant Title : SVOA CALIBRATION

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



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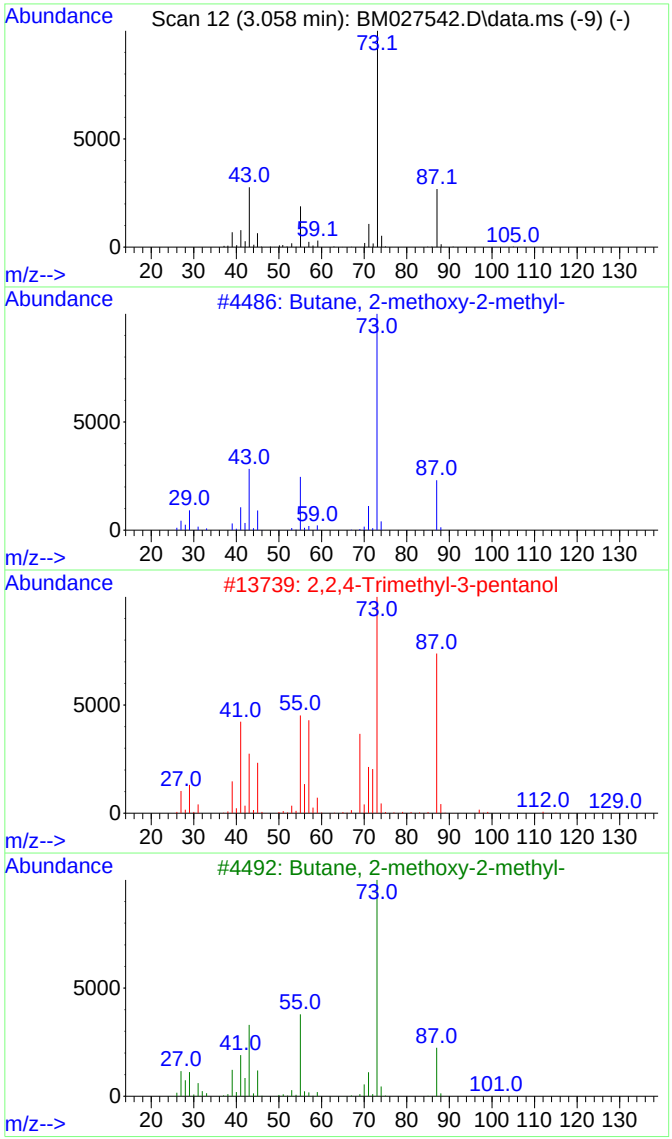
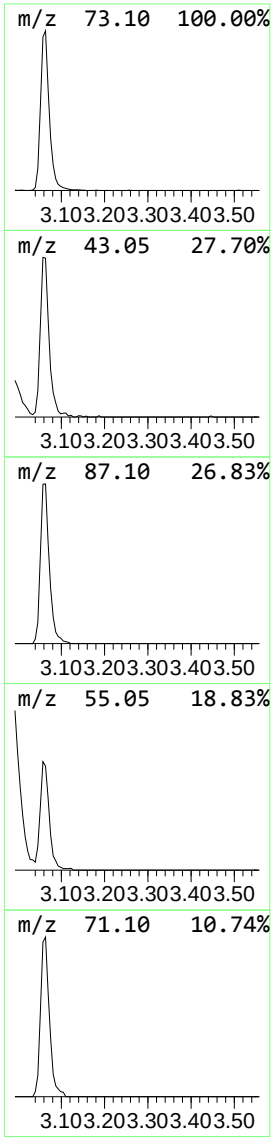
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.058	11.24 ng/ul	297369	1,4-Dichlorobenzene-d4	7.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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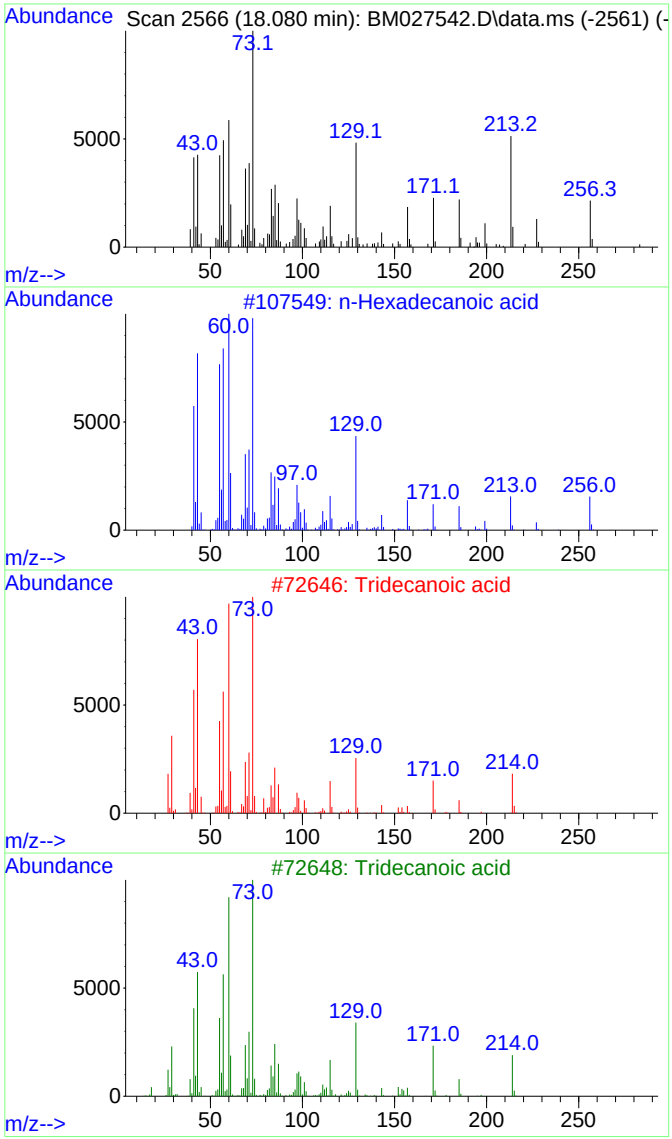
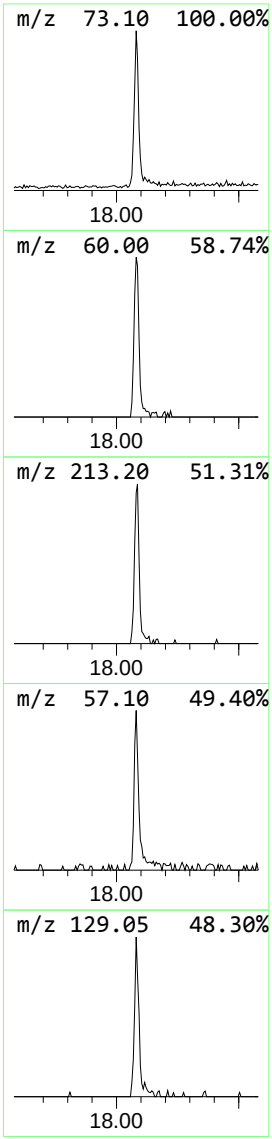
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	2.13 ng/ul	175494	Phenanthrene-d10	17.180

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	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	6H-Indolo[3,2,1-de][1,5]naphthyr...	256	C15H16N2O2	050630-67-6	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





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Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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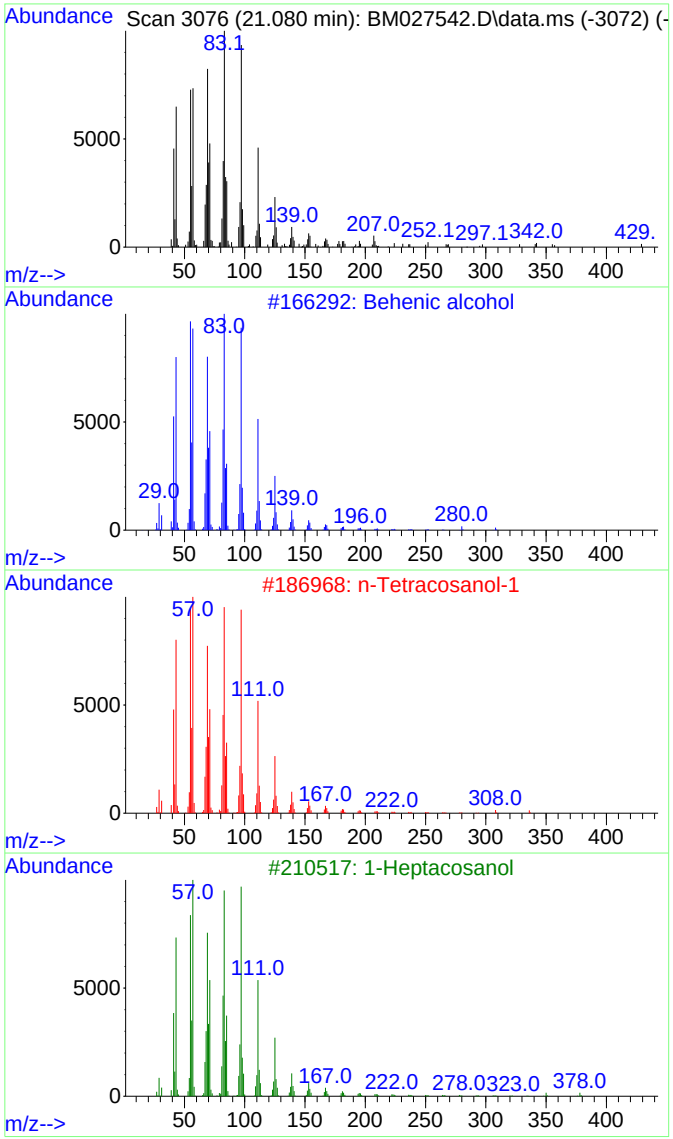
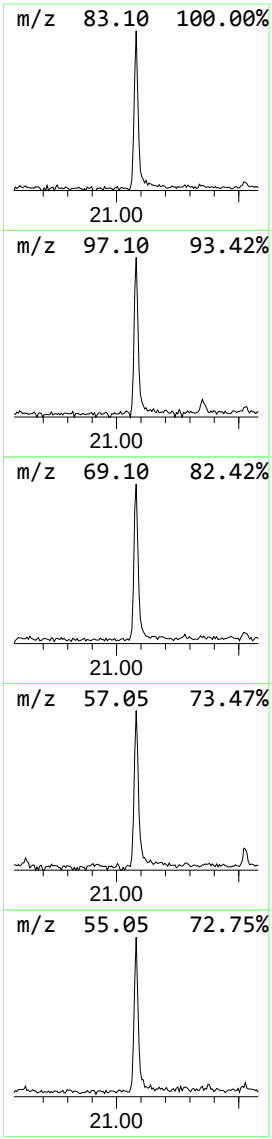
Peak Number 3 Behenic alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	2.17 ng/ul	198280	Chrysene-d12	21.356

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Behenic alcohol	326	C22H46O	000661-19-8	95
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heptacosanol	396	C27H56O	002004-39-9	95
4	Cyclopentadecane	210	C15H30	000295-48-7	95
5	Cyclohexadecane	224	C16H32	000295-65-8	93





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.058	11.2	ng/ul	297369	1	7.804	529147	20.0
n-Hexadecanoic ...	18.080	2.1	ng/ul	175494	4	17.180	1651640	20.0
Behenic alcohol	21.080	2.2	ng/ul	198280	5	21.356	1831580	20.0