LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001881.D
Acq On : 25 Feb 2020 02:46
Operator : CG/JU
Sample : L1542-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD43

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	2.923	3	6	28	rVB	1108157	1881623	11.14%	1.115%
2	3.175	45	49	63	rVB	137981	220530	1.31%	0.131%
3	3.446	92	95	110	rBV	28486	57415	0.34%	0.034%
4	3.905	169	173	178	rVB	16884	26467	0.16%	0.016%
5	4.799	320	325	335	rBV2	38819	67348	0.40%	0.040%
6	6.828	662	670	683	rBV	2536935	4311019	25.52%	2.554%
7	6.993	689	698	714	rVB	2157156	3384118	20.03%	2.005%
8	7.187	724	731	741	rBV	2787330	4548190	26.92%	2.694%
9	7.269	741	745	757	rVB	39451	75829	0.45%	0.045%
10	7.458	772	777	783	rBV	15534	28830	0.17%	0.017%
11	7.652	803	810	819	rBV	1680555	2675267	15.84%	1.585%
12	7.728	819	823	829	rVB	24820	39794	0.24%	0.024%
13	8.358	923	930	946	rBV	3425969	5454500	32.29%	3.231%
14	8.793	996	1004	1018	rBV	2549362	4180173	24.74%	2.476%
15	8.981	1032	1036	1042	rVB6	12737	20194	0.12%	0.012%
16	9.287	1082	1088	1096	rVB	62337	94252	0.56%	0.056%
17	9.510	1118	1126	1135	rBV	2110626	3527731	20.88%	2.090%
18	10.052	1210	1218	1230	rBV	3515219	5928293	35.09%	3.512%
19	10.422	1273	1281	1292	rBV	2323605	4023795	23.82%	2.384%
20	10.557	1296	1304	1326	rVV	3352918	5714919	33.83%	3.386%
21	12.022	1546	1553	1560	rBV	67434	117425	0.70%	0.070%
22	13.204	1748	1754	1760	rBV	55970	94810	0.56%	0.056%
23	13.522	1803	1808	1814	rBV4	15806	27256	0.16%	0.016%
24	13.704	1832	1839	1843	rBV	5983465	8323211	49.27%	4.931%
25	13.751	1843	1847	1854	rVB	717877	982791	5.82%	0.582%
26	13.975	1875	1885	1898	rBV	7007120	10853020	64.24%	6.430%
27	14.287	1931	1938	1946	rBV2	3798306	5700224	33.74%	3.377%
28	14.487	1961	1972	1987	rBV	2616319	3975684	23.53%	2.355%
29	14.716	2006	2011	2019	rVB5	31564	50883	0.30%	0.030%
30	14.940	2047	2049	2058	rVB9	9017	19491	0.12%	0.012%
31	15.122	2076	2080	2085	rBV3	18797	24416	0.14%	0.014%
32	15.287	2101	2108	2115	rBV	9090773	13350377	79.02%	7.909%
33	15.404	2122	2128	2144	rBV	2159540	2962593	17.54%	1.755%
34	15.528	2144	2149	2154	rVB2	111790	164369	0.97%	0.097%

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Instrument : BNA_P
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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
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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

35	15.857	2199	2205	2212	rBV6	11724	26759	0.16%	0.016%
36	15.987	2216	2227	2234	rVV5	23381	68485	0.41%	0.041%
37	16.075	2238	2242	2249	rVB	42249	70664	0.42%	0.042%
38	16.310	2278	2282	2288	rVB	22576	27668	0.16%	0.016%
39	16.722	2348	2352	2358	rVB2	20415	31940	0.19%	0.019%
40	16.822	2365	2369	2378	rVB2	25402	62113	0.37%	0.037%
41	17.039	2399	2406	2412	rBV	4973768	7024047	41.58%	4.161%
42	17.139	2416	2423	2436	rVV2	9676495	13979562	82.75%	8.282%
43	17.457	2472	2477	2486	rBV2	157828	228836	1.35%	0.136%
44	17.916	2551	2555	2558	rBV4	22921	29723	0.18%	0.018%
45	17.963	2558	2563	2570	rBV	862458	1266465	7.50%	0.750%
46	18.134	2589	2592	2600	rVB	35360	53655	0.32%	0.032%
47	18.251	2607	2612	2622	rVB	85882	138150	0.82%	0.082%
48	18.381	2630	2634	2645	rBV2	123187	165077	0.98%	0.098%
49	19.028	2739	2744	2747	rBV	142917	196185	1.16%	0.116%
50	19.057	2747	2749	2754	rVB	61170	74561	0.44%	0.044%
51	19.204	2770	2774	2781	rBV	173358	284427	1.68%	0.169%
52	19.275	2782	2786	2795	rVV	129145	198287	1.17%	0.117%
53	19.386	2798	2805	2823	rVB	12005650	16894400	100.00%	10.009%
54	19.910	2891	2894	2898	rBV6	28713	41673	0.25%	0.025%
55	20.875	3053	3058	3064	rBV	1551044	1980938	11.73%	1.174%
56	21.133	3096	3102	3111	rBV	6228217	7925691	46.91%	4.695%
57	21.251	3118	3122	3129	rBV	217549	364793	2.16%	0.216%
58	21.310	3129	3132	3136	rVV	154186	159249	0.94%	0.094%
59	21.745	3202	3206	3217	rBV2	243733	374720	2.22%	0.222%
60	22.204	3281	3284	3288	rVB	266420	316857	1.88%	0.188%
61	22.333	3303	3306	3312	rVB2	99145	131211	0.78%	0.078%
62	22.716	3366	3371	3376	rBV	328579	489055	2.89%	0.290%
63	23.210	3447	3455	3463	rBV	7984672	14830171	87.78%	8.786%
64	23.286	3463	3468	3472	rVV	330267	600340	3.55%	0.356%
65	23.345	3472	3478	3494	rVB	3824018	7057440	41.77%	4.181%
66	23.933	3574	3578	3585	rVB	277368	517261	3.06%	0.306%
67	24.010	3588	3591	3599	rVB	160306	279762	1.66%	0.166%

Sum of corrected areas: 168797002

LSC Report - Integrated Chromatogram

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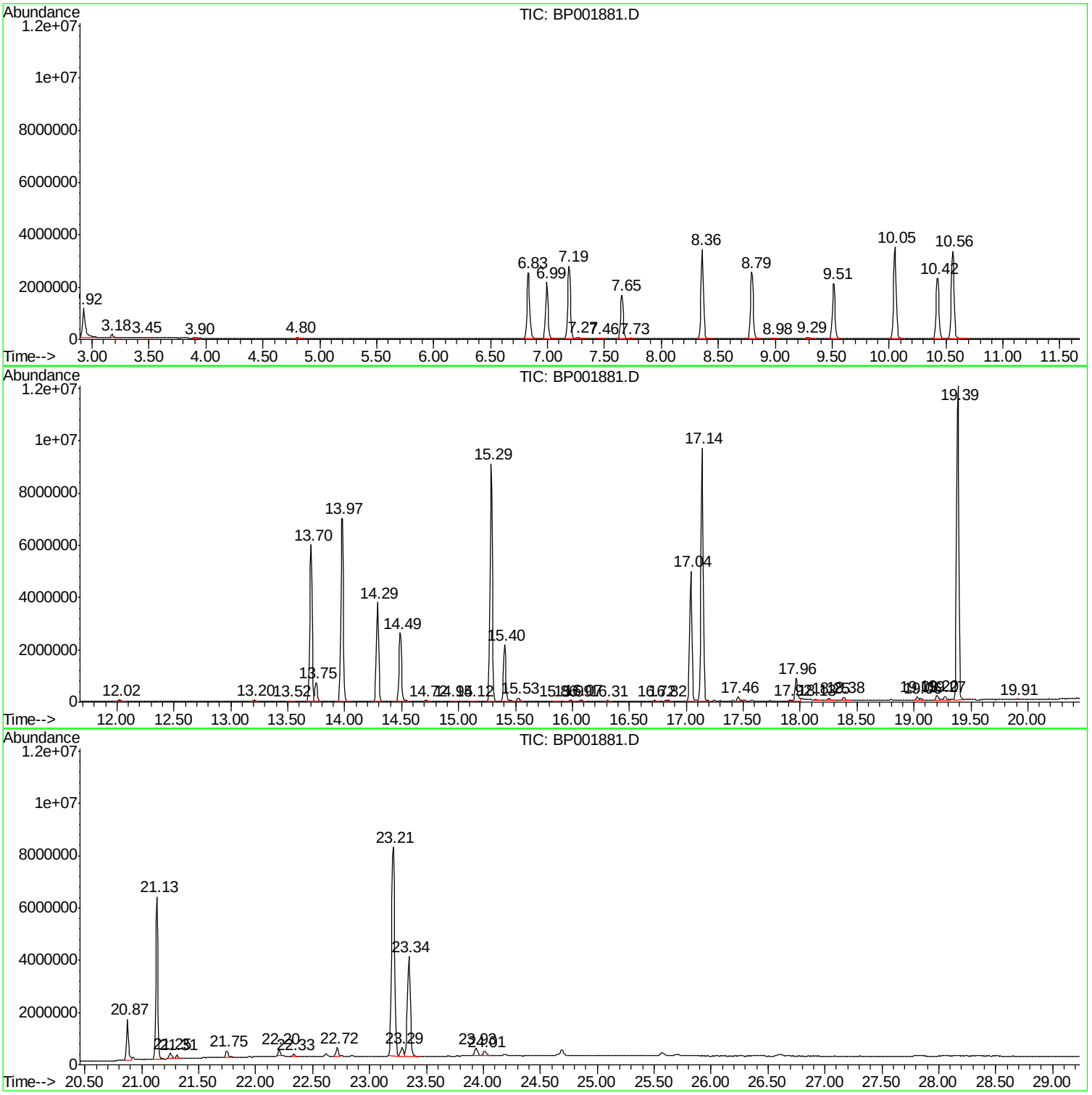
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD43

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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Quant Title : SVOA CALIBRATION

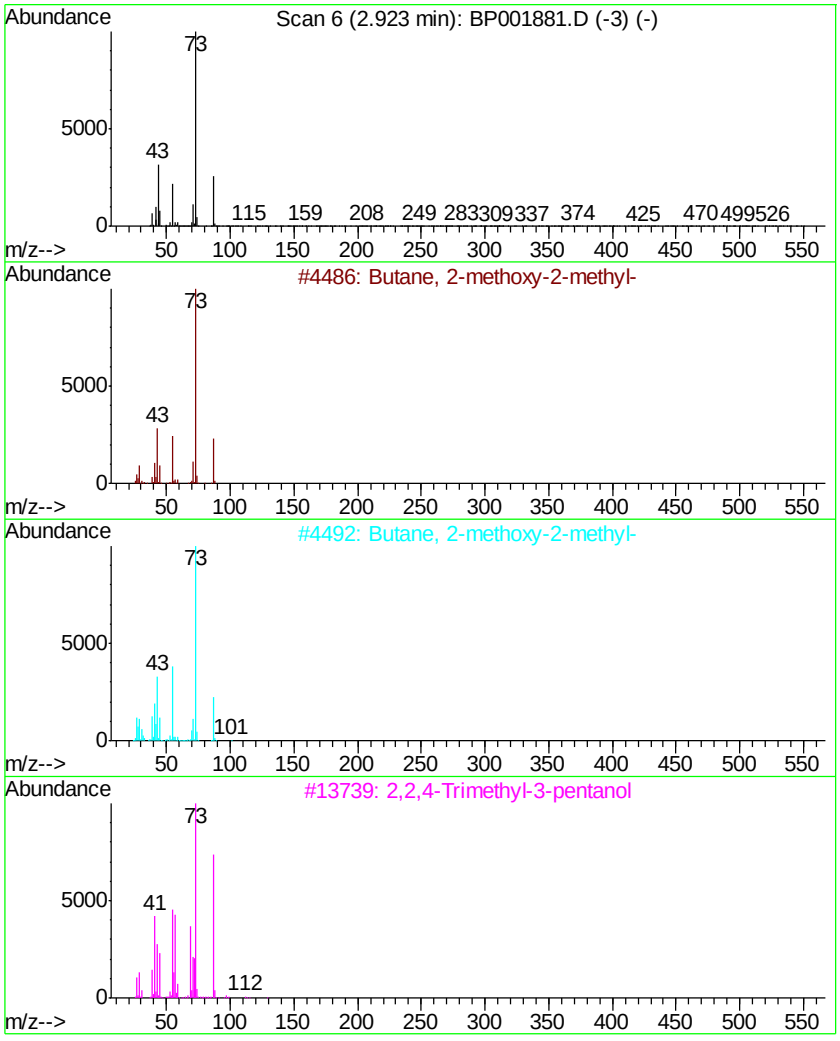
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

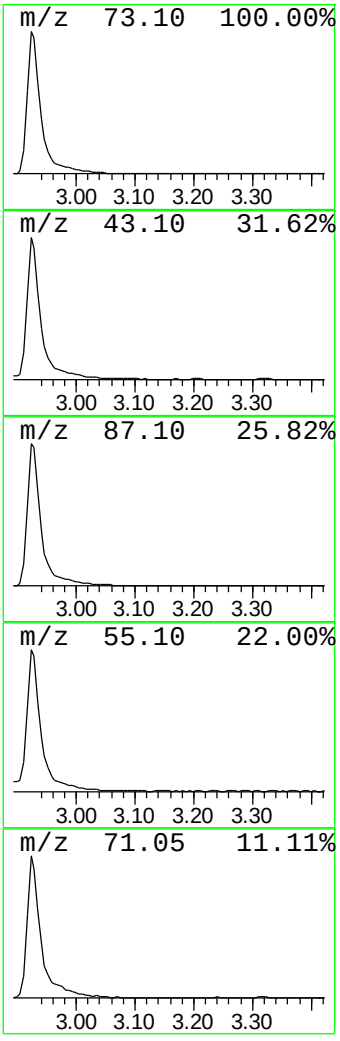
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	14.07 ng/ul	1881620	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	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

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Sample : L1542-07
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD43

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

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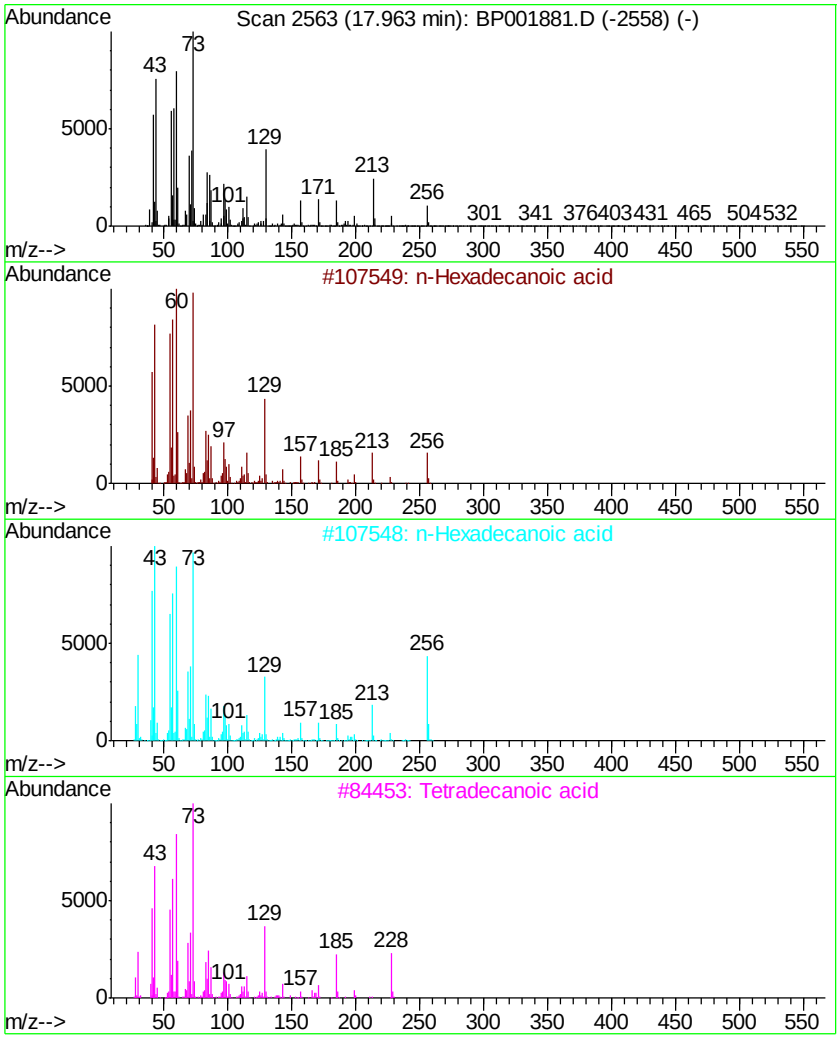
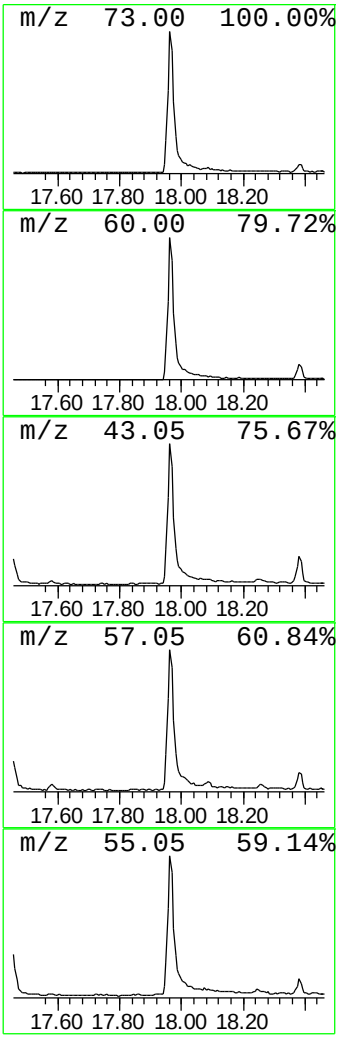
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.61 ng/ul	1266470	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	99
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD43

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

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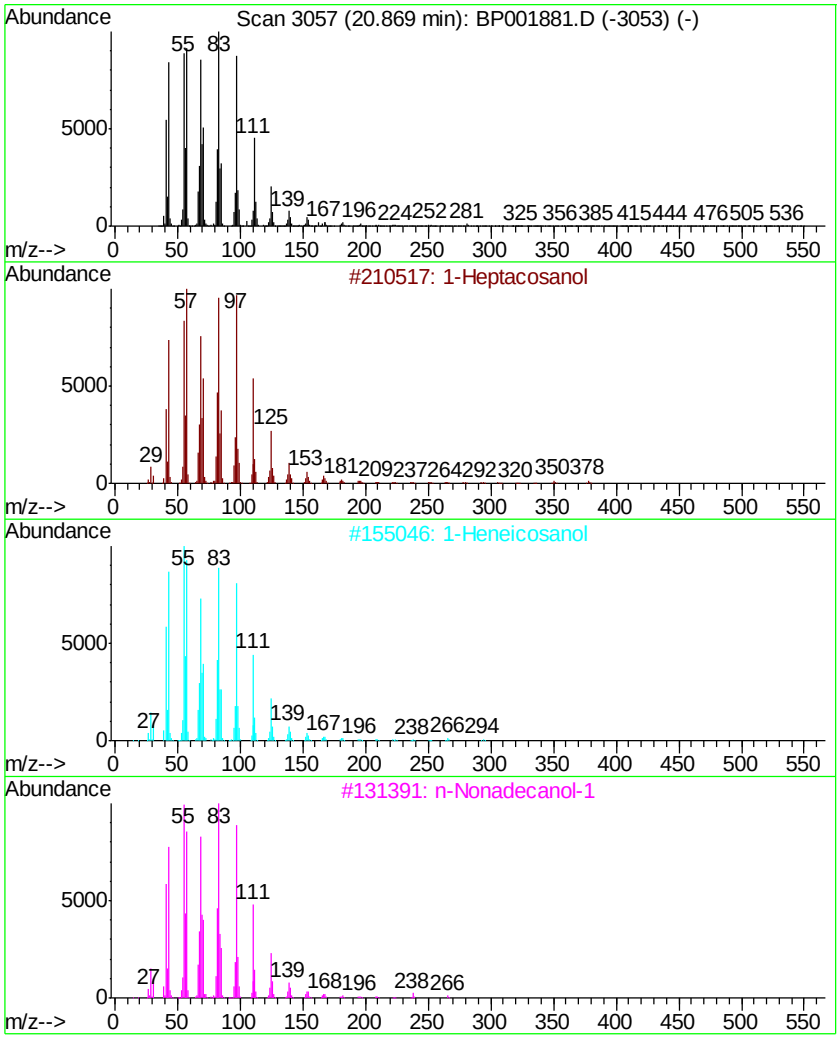
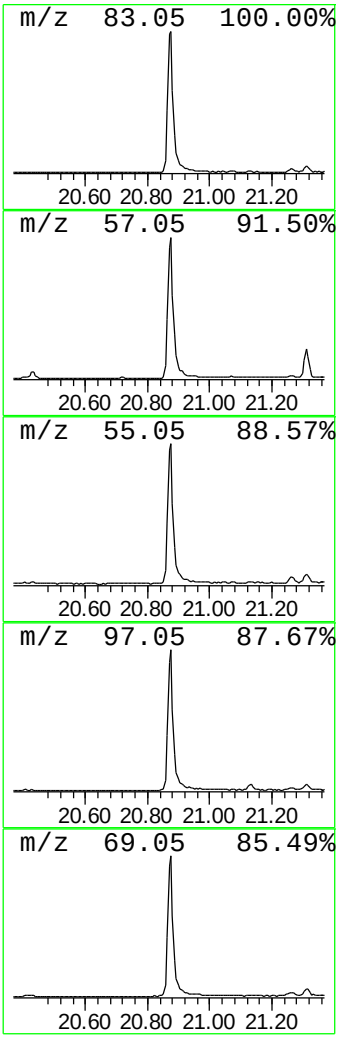
Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	5.00 ng/ul	1980940	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

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ALS Vial : 29 Sample Multiplier: 1

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	14.1	ng/ul	1881620	1	7.65	2675270	20.0
n-Hexadecanoic acid	17.96	3.6	ng/ul	1266470	4	17.04	7024050	20.0
1-Heptacosanol	20.87	5.0	ng/ul	1980940	5	21.13	7925690	20.0