LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001879.D
Acq On : 25 Feb 2020 01:38
Operator : CG/JU
Sample : L1542-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD41

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	805105	1177573	7.31%	0.732%
2	3.169	44	48	58	rVB	127934	185320	1.15%	0.115%
3	3.811	153	157	163	rVB2	10912	18699	0.12%	0.012%
4	3.899	168	172	179	rVB	18952	26755	0.17%	0.017%
5	4.799	320	325	335	rVB2	39770	63636	0.40%	0.040%
6	6.828	663	670	688	rVB	2312296	3841740	23.85%	2.387%
7	6.993	690	698	711	rBV	1962342	3004262	18.65%	1.866%
8	7.187	724	731	743	rVB	2553859	4055184	25.17%	2.519%
9	7.652	802	810	820	rBV	1619467	2504628	15.55%	1.556%
10	7.734	820	824	830	rVB	15063	23539	0.15%	0.015%
11	8.357	922	930	942	rBV	3063268	4866216	30.21%	3.023%
12	8.793	996	1004	1017	rVB	2299894	3733255	23.18%	2.319%
13	8.981	1031	1036	1044	rVB9	10510	20069	0.12%	0.012%
14	9.287	1081	1088	1096	rVB	64843	100863	0.63%	0.063%
15	9.510	1118	1126	1135	rBV	1890999	3150725	19.56%	1.957%
16	10.051	1210	1218	1232	rBV	3259063	5320747	33.03%	3.306%
17	10.428	1273	1282	1289	rBV	2227266	3757591	23.33%	2.334%
18	10.557	1296	1304	1324	rBV	2956017	5052523	31.37%	3.139%
19	12.022	1546	1553	1563	rVB2	57636	97121	0.60%	0.060%
20	13.210	1749	1755	1760	rBV	39224	60295	0.37%	0.037%
21	13.704	1832	1839	1844	rBV	5598568	7743148	48.07%	4.811%
22	13.751	1844	1847	1854	rVB	531081	692715	4.30%	0.430%
23	13.981	1878	1886	1897	rBV	6270003	9941385	61.72%	6.176%
24	14.286	1931	1938	1947	rBV2	3747933	5420133	33.65%	3.367%
25	14.486	1962	1972	1991	rBV	2420766	3719714	23.09%	2.311%
26	14.710	2007	2010	2017	rVB3	34884	53028	0.33%	0.033%
27	15.122	2076	2080	2084	rBV3	12358	16296	0.10%	0.010%
28	15.181	2086	2090	2096	rBV3	14895	19401	0.12%	0.012%
29	15.286	2101	2108	2116	rBV	8703257	12391802	76.93%	7.699%
30	15.404	2122	2128	2144	rBV	2003721	2799349	17.38%	1.739%
31	15.528	2144	2149	2156	rVB2	107240	155492	0.97%	0.097%
32	15.986	2224	2227	2233	rVB2	22330	34086	0.21%	0.021%
33	16.075	2238	2242	2250	rVB2	43218	67894	0.42%	0.042%
34	16.310	2277	2282	2286	rVB	26266	36327	0.23%	0.023%

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Integration Parameters: LSCINT.P
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Peak separation: 5

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

35	16.722	2348	2352	2356	rVB4	17919	29233	0.18%	0.018%
36	16.822	2365	2369	2381	rVB2	23225	55588	0.35%	0.035%
37	17.039	2399	2406	2416	rBV	4924018	6857641	42.57%	4.260%
38	17.139	2416	2423	2437	rBV2	9193934	13268196	82.37%	8.243%
39	17.245	2437	2441	2445	rBV7	14475	20009	0.12%	0.012%
40	17.404	2465	2468	2473	rBV3	11116	18775	0.12%	0.012%
41	17.457	2473	2477	2484	rVB	70303	94003	0.58%	0.058%
42	17.916	2550	2555	2558	rBV5	18812	27016	0.17%	0.017%
43	17.963	2558	2563	2581	rBV	766117	1336790	8.30%	0.830%
44	18.133	2589	2592	2600	rVB	23438	38668	0.24%	0.024%
45	18.251	2607	2612	2619	rVB	65243	95874	0.60%	0.060%
46	18.380	2630	2634	2643	rVB2	56795	77698	0.48%	0.048%
47	18.798	2702	2705	2712	rVB5	24653	35303	0.22%	0.022%
48	19.027	2739	2744	2748	rBV	133191	179730	1.12%	0.112%
49	19.204	2770	2774	2781	rBV	151998	241999	1.50%	0.150%
50	19.274	2782	2786	2790	rVB	113041	157939	0.98%	0.098%
51	19.386	2798	2805	2811	rBV	11597749	16108258	100.00%	10.007%
52	19.910	2891	2894	2898	rBV6	41428	53783	0.33%	0.033%
53	20.874	3053	3058	3074	rBV	1998789	2606672	16.18%	1.619%
54	21.133	3096	3102	3110	rBV	6584019	8158147	50.65%	5.068%
55	21.251	3118	3122	3128	rBV	207604	334797	2.08%	0.208%
56	21.310	3129	3132	3136	rVB	165801	175550	1.09%	0.109%
57	21.745	3202	3206	3215	rBV2	275454	447375	2.78%	0.278%
58	22.204	3280	3284	3288	rBV	306046	410149	2.55%	0.255%
59	22.333	3303	3306	3312	rVB	115028	146949	0.91%	0.091%
60	22.715	3366	3371	3376	rBV	412892	609579	3.78%	0.379%
61	23.210	3447	3455	3463	rBV	8249438	15168685	94.17%	9.424%
62	23.286	3463	3468	3472	rVV	421142	734988	4.56%	0.457%
63	23.345	3472	3478	3489	rVB	4018734	7494078	46.52%	4.656%
64	23.939	3573	3579	3585	rBV	360026	706513	4.39%	0.439%
65	24.009	3587	3591	3606	rVB3	272303	562374	3.49%	0.349%
66	24.686	3702	3706	3714	rVB	266218	559475	3.47%	0.348%

Sum of corrected areas: 160963345

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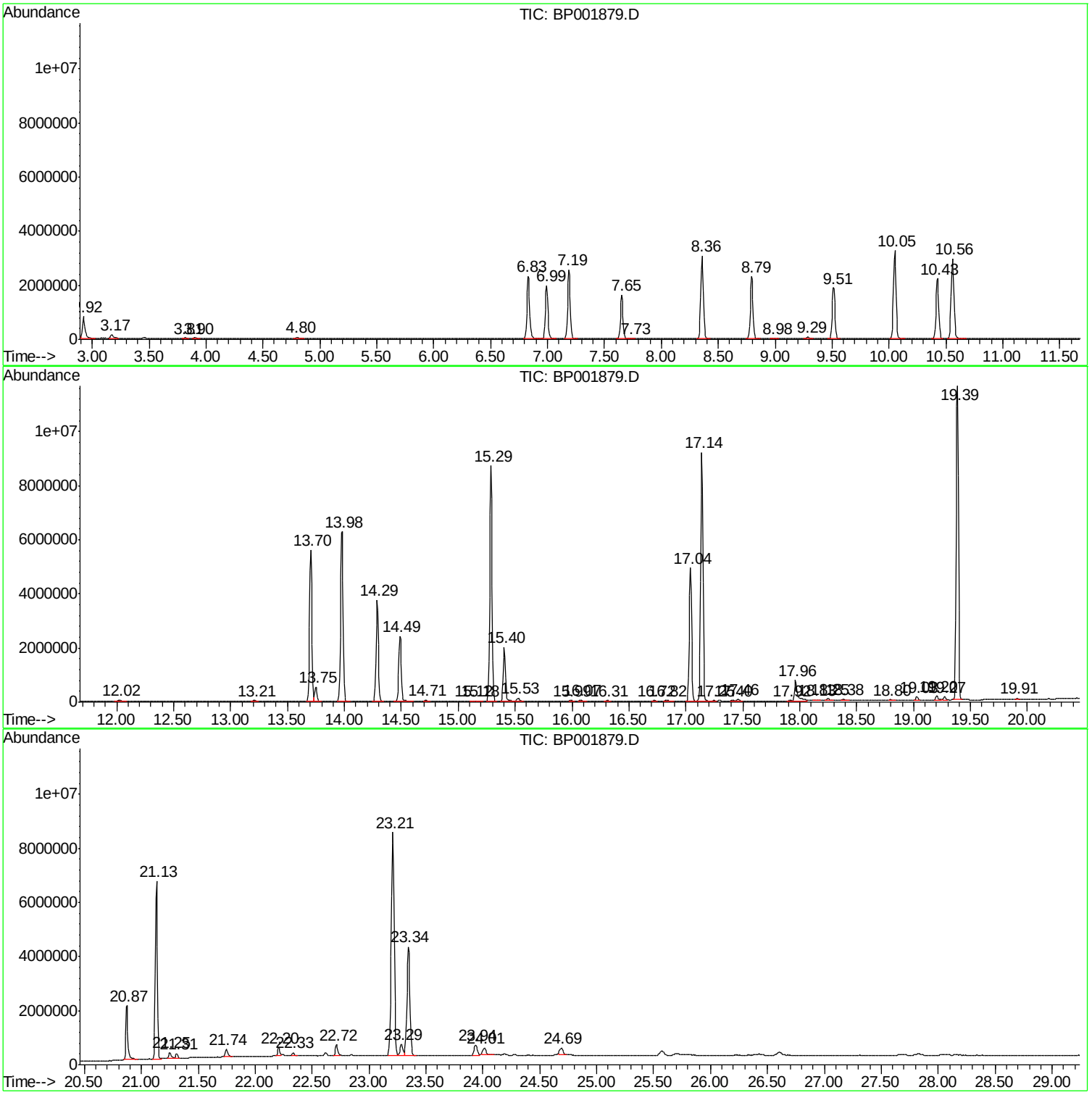
Instrument :
BNA_P
ClientSampleId :
DBD41

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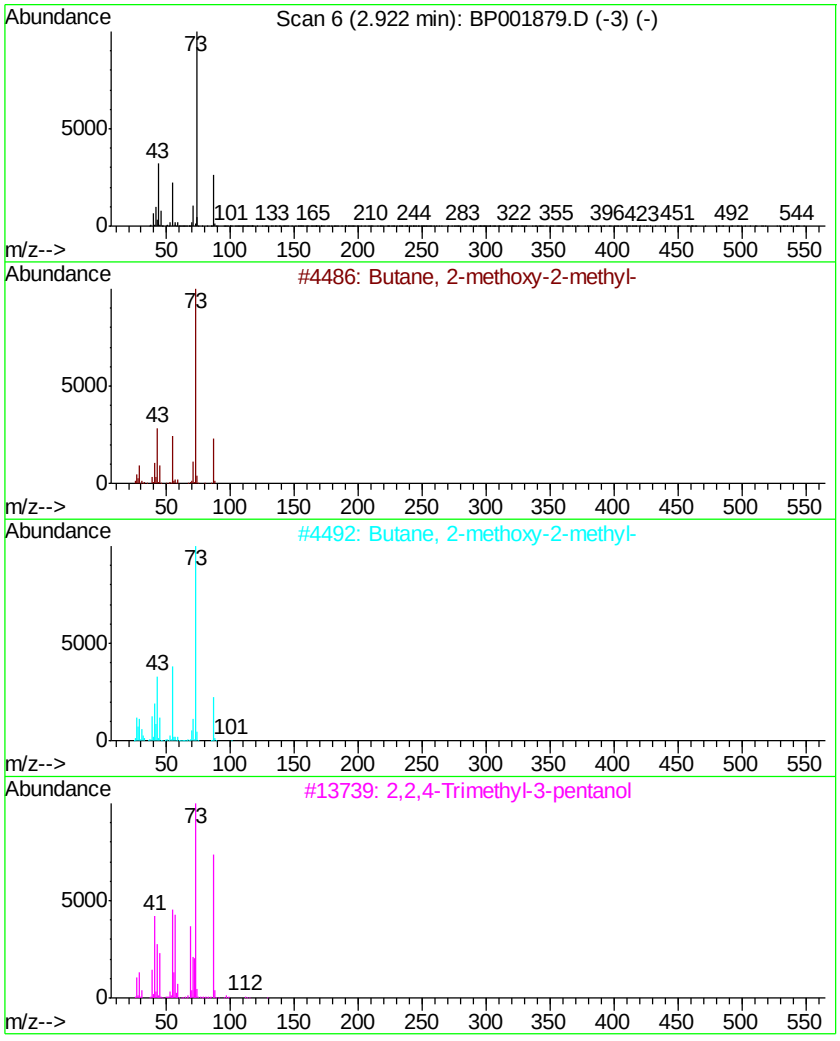
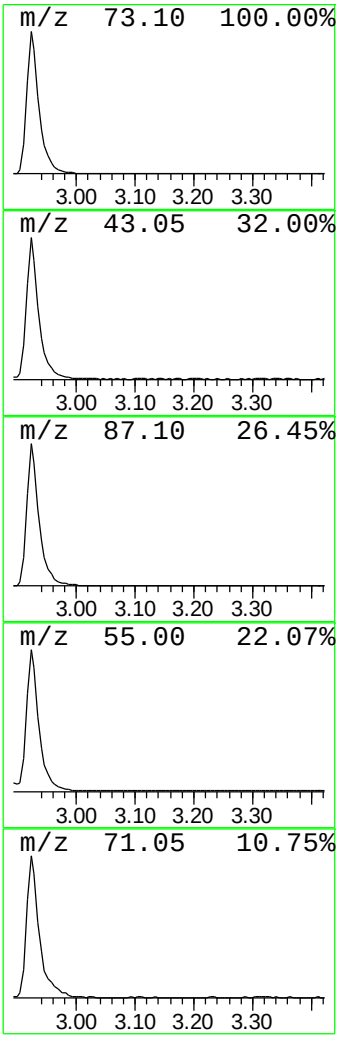
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	9.40 ng/ul	1177570	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





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Instrument : BNA_P
ClientSampleId : DBD41

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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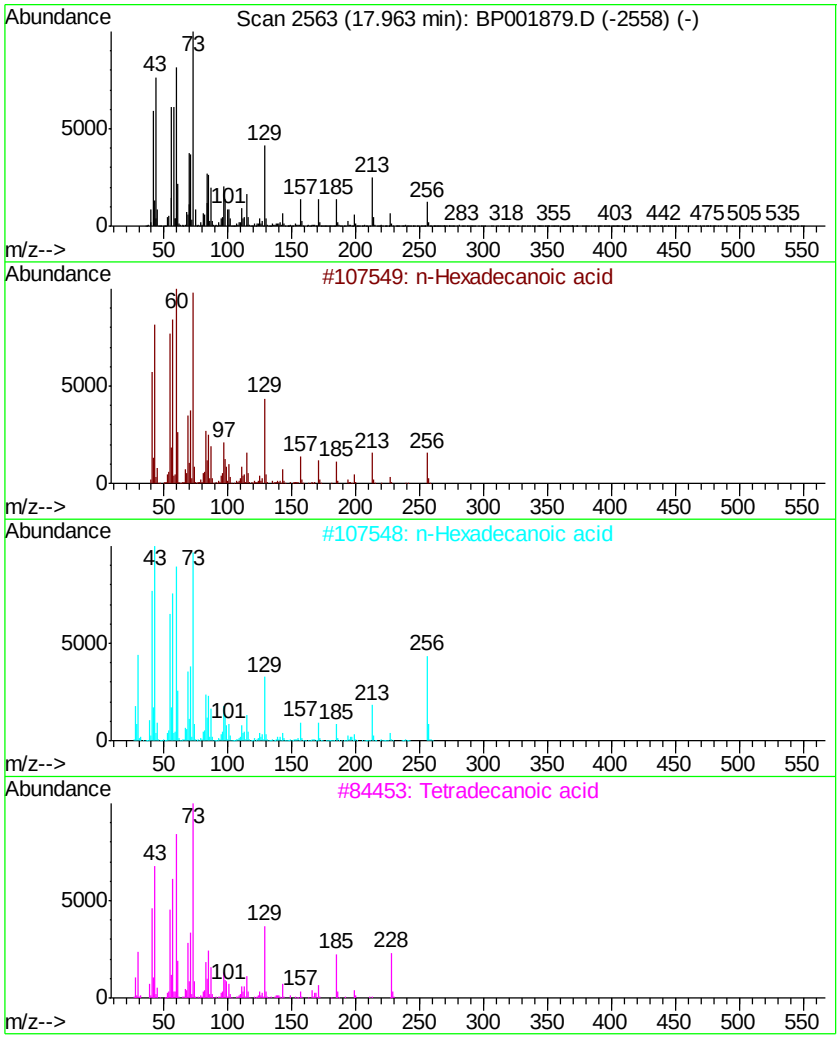
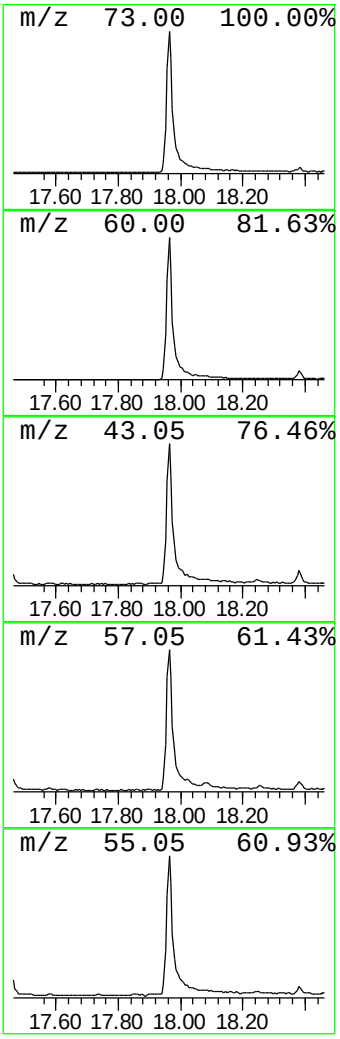
Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	3.90 ng/ul	1336790	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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD41

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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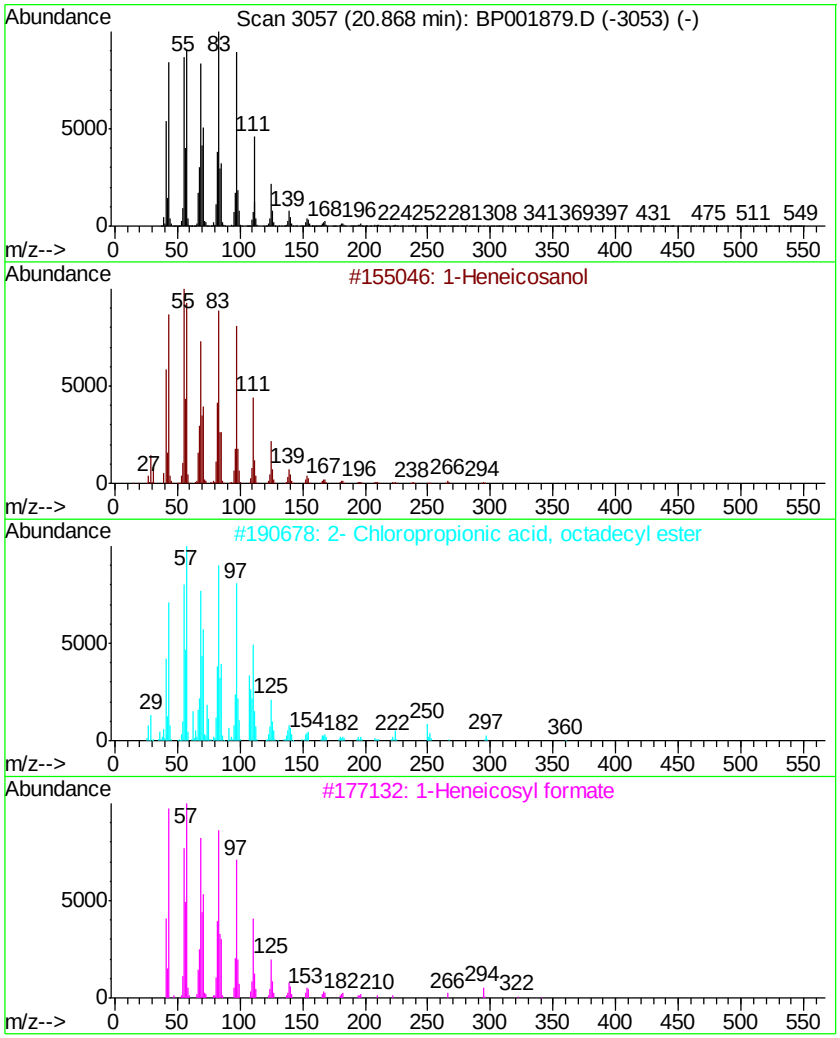
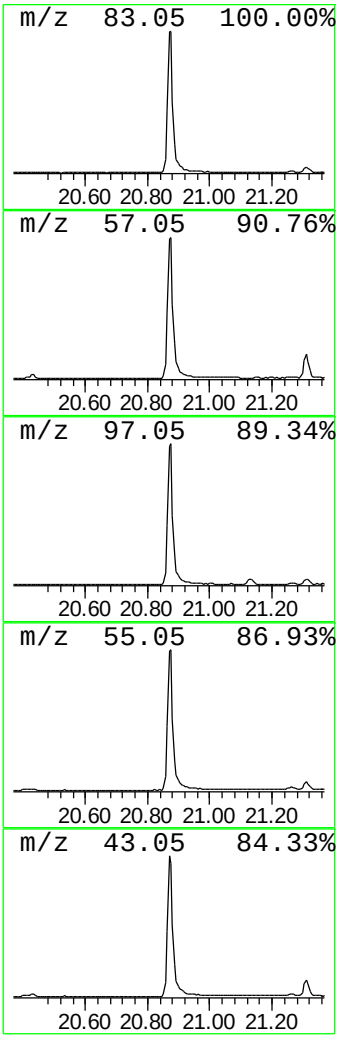
Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.39 ng/ul	2606670	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





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
Butane, 2-methoxy...	2.92	9.4	ng/ul	1177570	1	7.65	2504630	20.0
n-Hexadecanoic acid	17.96	3.9	ng/ul	1336790	4	17.04	6857640	20.0
1-Heneicosanol	20.87	6.4	ng/ul	2606670	5	21.13	8158150	20.0