LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001882.D
Acq On : 25 Feb 2020 03:20
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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	19	rVB	878794	1289459	8.04%	0.863%
2	3.170	44	48	60	rVB	114755	173754	1.08%	0.116%
3	3.446	93	95	103	rVB	12438	19373	0.12%	0.013%
4	3.905	169	173	178	rVB3	14552	22842	0.14%	0.015%
5	4.799	320	325	333	rVB	28313	47921	0.30%	0.032%
6	6.828	663	670	687	rBV	2113036	3476750	21.68%	2.326%
7	6.993	691	698	710	rVB	1754812	2739099	17.08%	1.833%
8	7.187	724	731	743	rBV	2339404	3666532	22.86%	2.453%
9	7.275	743	746	755	rVV2	15534	30707	0.19%	0.021%
10	7.652	801	810	818	rBV	1354881	2119598	13.22%	1.418%
11	7.734	820	824	829	rVB2	12795	20285	0.13%	0.014%
12	8.358	923	930	943	rBV	2842185	4441568	27.70%	2.972%
13	8.793	997	1004	1017	rBV	2094696	3410368	21.27%	2.282%
14	8.981	1032	1036	1042	rVB6	9979	16484	0.10%	0.011%
15	9.287	1081	1088	1094	rVB2	57753	90778	0.57%	0.061%
16	9.511	1118	1126	1135	rBV	1754179	2868715	17.89%	1.920%
17	10.052	1210	1218	1236	rBV	2885542	4852073	30.26%	3.247%
18	10.422	1274	1281	1291	rBV	1911012	3212372	20.03%	2.150%
19	10.557	1296	1304	1331	rVB	2878955	4881729	30.44%	3.267%
20	12.022	1545	1553	1563	rVB	54820	97554	0.61%	0.065%
21	13.210	1748	1755	1760	rBV	41587	67915	0.42%	0.045%
22	13.704	1832	1839	1843	rBV	5047665	7055385	44.00%	4.721%
23	13.751	1843	1847	1853	rVB	540360	753120	4.70%	0.504%
24	13.975	1877	1885	1896	rBV	5960431	9214901	57.46%	6.166%
25	14.287	1931	1938	1947	rBV	3117891	4654923	29.03%	3.115%
26	14.487	1960	1972	1992	rBV	2275792	3423202	21.35%	2.291%
27	14.716	2006	2011	2019	rVB4	30257	46405	0.29%	0.031%
28	14.940	2046	2049	2058	rVB9	8889	20172	0.13%	0.013%
29	15.128	2077	2081	2084	rVB2	13231	17650	0.11%	0.012%
30	15.181	2084	2090	2093	rBV	15484	20796	0.13%	0.014%
31	15.287	2101	2108	2115	rBV	8069999	11468536	71.52%	7.674%
32	15.404	2122	2128	2141	rBV	1799797	2459367	15.34%	1.646%
33	15.528	2144	2149	2154	rVB	94211	139417	0.87%	0.093%
34	15.987	2220	2227	2231	rBV8	13700	28034	0.17%	0.019%

LSC Area Percent Report

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Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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

35	16.075	2238	2242	2251	rVB2	40637	69714	0.43%	0.047%
36	16.310	2277	2282	2287	rVB	23240	31732	0.20%	0.021%
37	16.722	2347	2352	2357	rVB2	19467	28880	0.18%	0.019%
38	16.828	2365	2370	2380	rVB2	18691	47255	0.29%	0.032%
39	17.040	2399	2406	2413	rBV	4206188	5889475	36.73%	3.941%
40	17.140	2416	2423	2433	rBV2	8694558	12363973	77.10%	8.273%
41	17.457	2472	2477	2484	rBV	90194	128625	0.80%	0.086%
42	17.910	2551	2554	2558	rBV6	15131	21556	0.13%	0.014%
43	17.963	2558	2563	2571	rBV	443751	699781	4.36%	0.468%
44	18.134	2589	2592	2599	rVB	23898	32614	0.20%	0.022%
45	18.251	2607	2612	2620	rVB	69752	107551	0.67%	0.072%
46	18.381	2630	2634	2641	rBV2	73680	96489	0.60%	0.065%
47	18.798	2702	2705	2709	rVB4	16882	23677	0.15%	0.016%
48	19.028	2740	2744	2748	rBV	124102	160408	1.00%	0.107%
49	19.204	2770	2774	2781	rBV2	72446	124356	0.78%	0.083%
50	19.275	2781	2786	2793	rVB	106606	157135	0.98%	0.105%
51	19.386	2799	2805	2816	rVB	11093728	15324846	95.57%	10.254%
52	19.910	2891	2894	2898	rBV5	31574	44378	0.28%	0.030%
53	20.869	3053	3057	3072	rBV	1814534	2428109	15.14%	1.625%
54	21.133	3096	3102	3113	rBV	5902410	7509908	46.83%	5.025%
55	21.251	3117	3122	3128	rBV	241134	411207	2.56%	0.275%
56	21.310	3129	3132	3137	rVB	147304	170538	1.06%	0.114%
57	21.745	3202	3206	3218	rBV2	241958	417199	2.60%	0.279%
58	22.204	3281	3284	3288	rBV	224841	274064	1.71%	0.183%
59	22.333	3303	3306	3310	rVB2	88884	111644	0.70%	0.075%
60	22.616	3351	3354	3360	rVB	121705	177024	1.10%	0.118%
61	22.716	3367	3371	3376	rVB	316918	417867	2.61%	0.280%
62	23.210	3447	3455	3463	rBV	8617250	16036044	100.00%	10.730%
63	23.286	3463	3468	3471	rVV	306748	503943	3.14%	0.337%
64	23.345	3471	3478	3490	rVB	3897488	7341320	45.78%	4.912%
65	23.939	3574	3579	3585	rVB	272572	499951	3.12%	0.335%
66	24.010	3587	3591	3602	rVB	285127	579080	3.61%	0.387%
67	24.692	3703	3707	3714	rVB	195442	368802	2.30%	0.247%

Sum of corrected areas: 149446929

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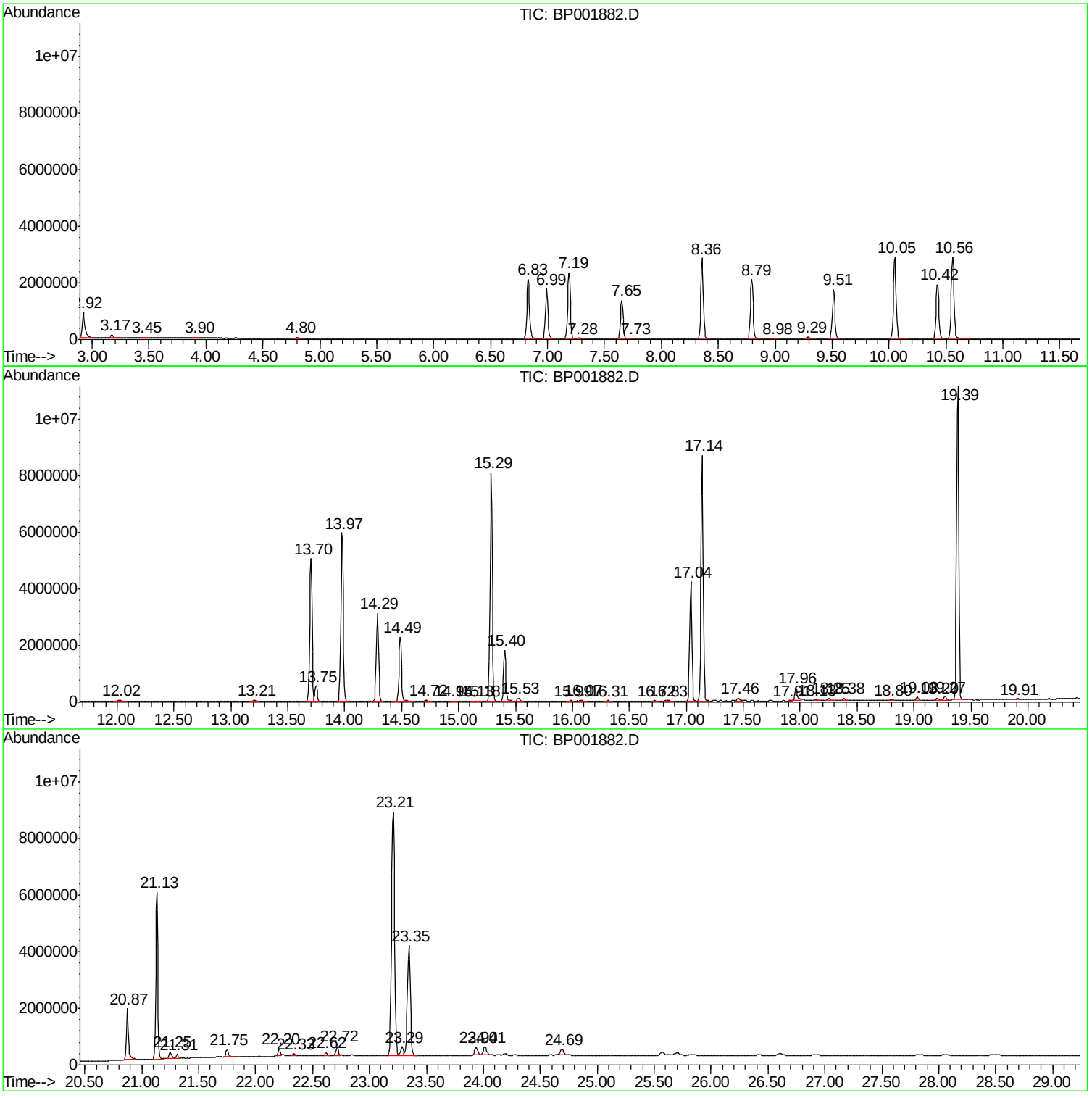
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001882.D
Acq On : 25 Feb 2020 03:20
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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Quant Title : SVOA CALIBRATION

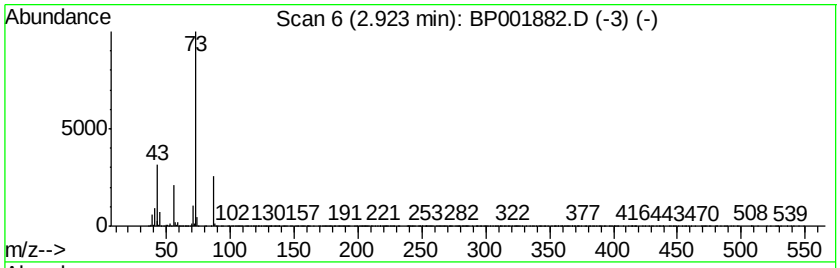
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

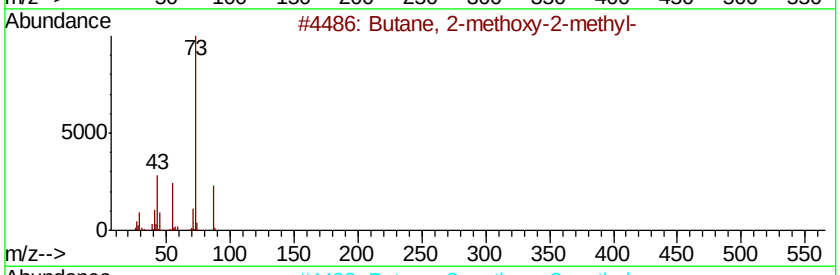
****

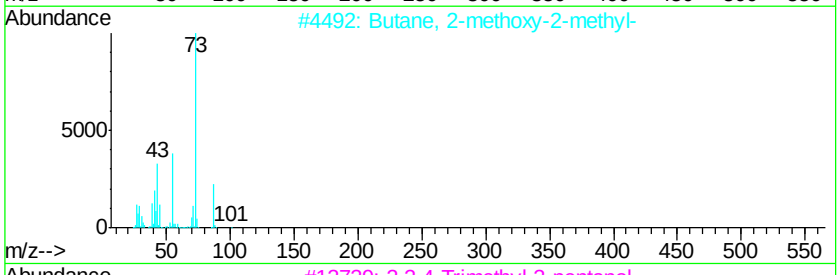
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

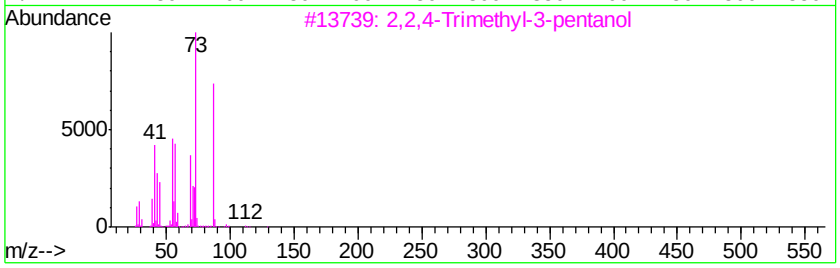
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	12.17 ng/ul	1289460	1,4-Dichlorobenzene-d4	7.65

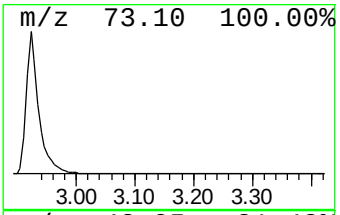
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

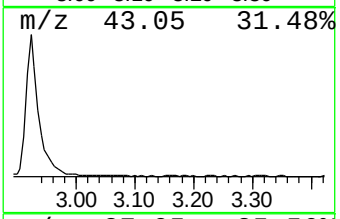


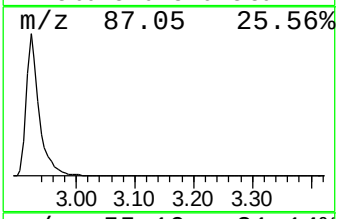


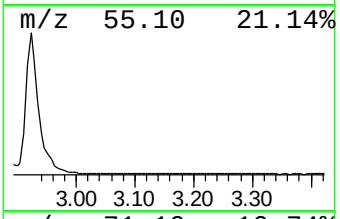


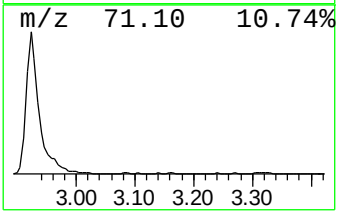












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001882.D
Acq On : 25 Feb 2020 03:20
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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

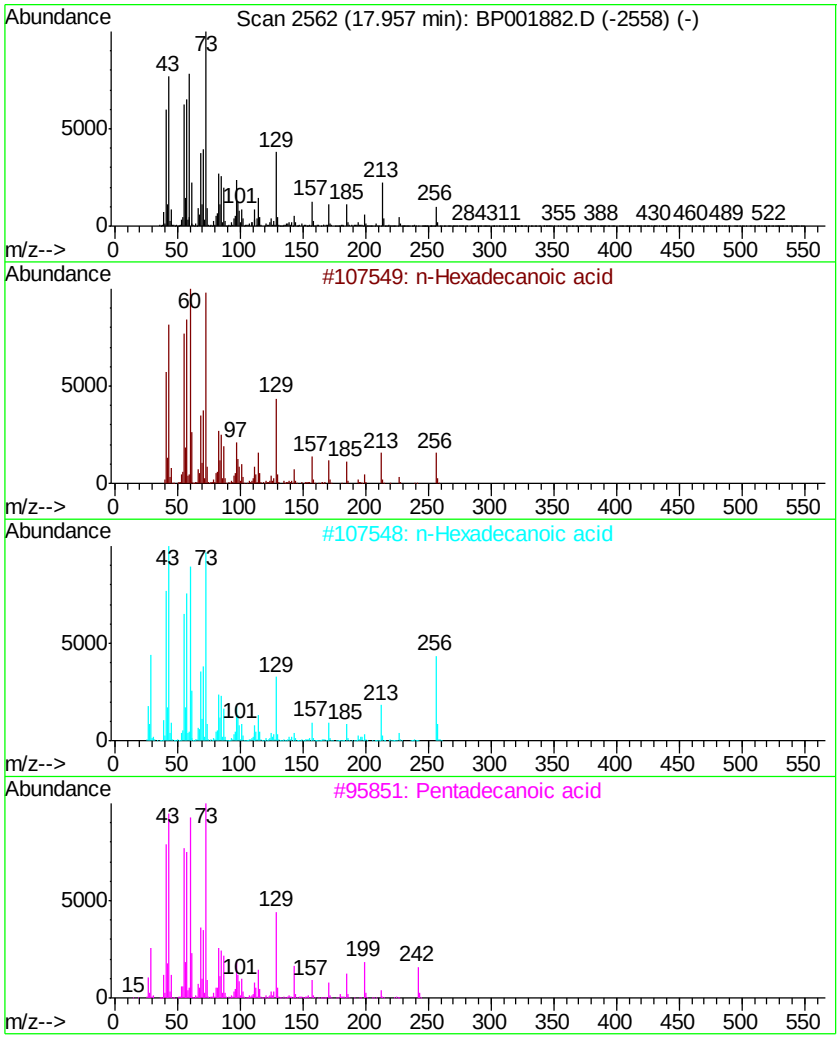
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

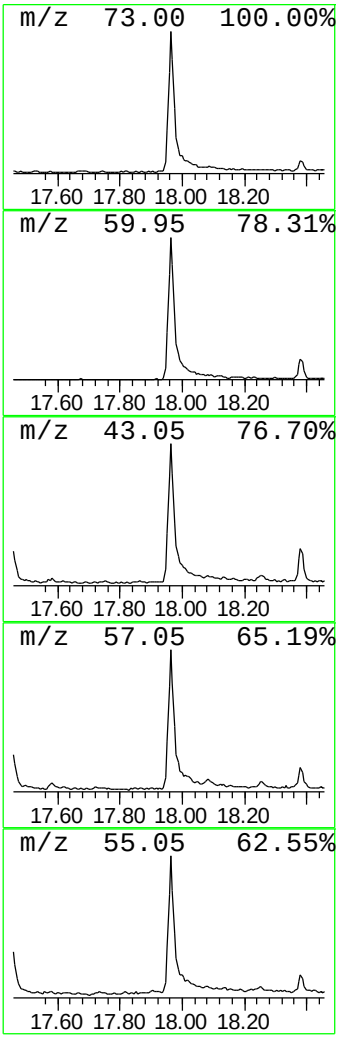
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.38 ng/ul	699781	Phenanthrene-d10	17.04

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	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001882.D
Acq On : 25 Feb 2020 03:20
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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

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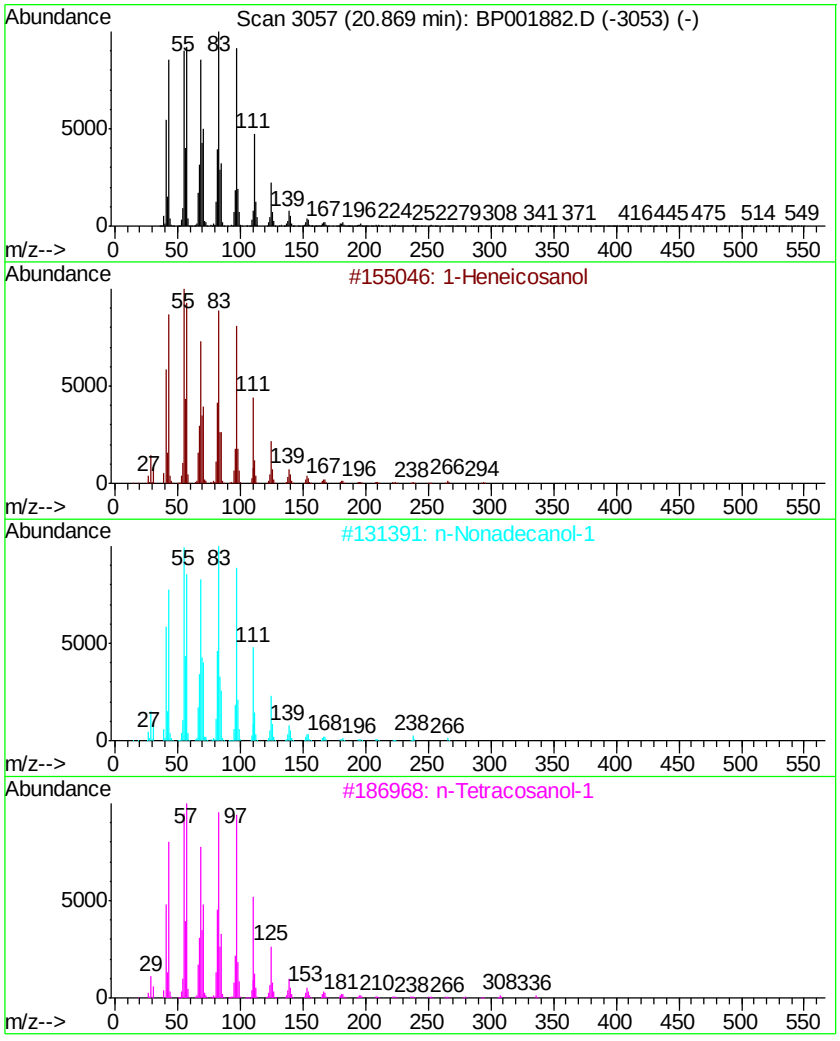
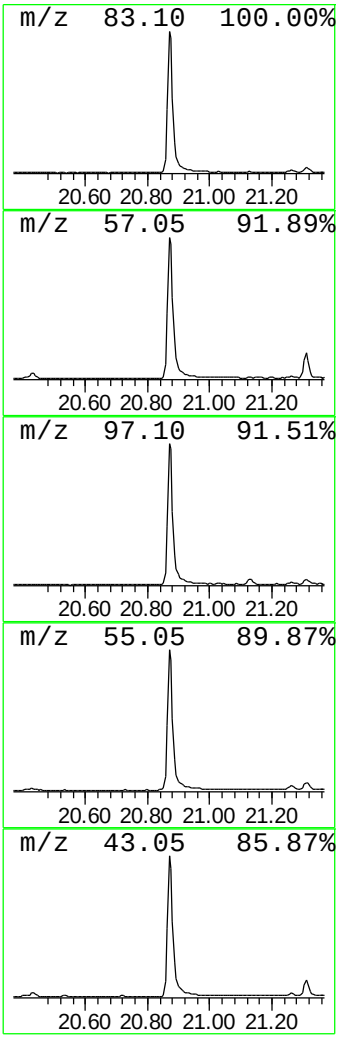
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.47 ng/ul	2428110	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	1-Heptacosanol	396	C27H56O	002004-39-9	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001882.D
Acq On : 25 Feb 2020 03:20
Operator : CG/JU
Sample : L1542-08
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD44

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	12.2	ng/ul	1289460	1	7.65	2119600	20.0
n-Hexadecanoic acid	17.96	2.4	ng/ul	699781	4	17.04	5889480	20.0
1-Heneicosanol	20.87	6.5	ng/ul	2428110	5	21.13	7509910	20.0