LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001878.D
Acq On : 25 Feb 2020 01:05
Operator : CG/JU
Sample : L1542-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD40

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	21	rVB	788560	1134293	7.52%	0.851%
2	3.087	29	34	37	rBV5	16687	35234	0.23%	0.026%
3	3.169	45	48	58	rVB	132224	187509	1.24%	0.141%
4	3.446	92	95	103	rBV	18577	27188	0.18%	0.020%
5	3.899	169	172	177	rVB	19791	27742	0.18%	0.021%
6	4.799	321	325	335	rVB2	30836	50258	0.33%	0.038%
7	6.828	663	670	689	rVB	2332197	3982694	26.42%	2.989%
8	6.993	691	698	710	rVB	1980661	3065071	20.33%	2.300%
9	7.187	724	731	743	rBV	2640853	4159419	27.59%	3.122%
10	7.275	743	746	756	rVB3	15722	34000	0.23%	0.026%
11	7.457	773	777	785	rVB	14895	27865	0.18%	0.021%
12	7.651	804	810	820	rVV	1286041	1994542	13.23%	1.497%
13	7.728	820	823	829	rVB2	12208	18133	0.12%	0.014%
14	8.357	923	930	942	rBV	2327271	3678425	24.40%	2.761%
15	8.792	995	1004	1017	rBV	1767436	2867896	19.02%	2.152%
16	9.287	1078	1088	1094	rBV	47208	73332	0.49%	0.055%
17	9.510	1119	1126	1135	rBV	1492137	2480214	16.45%	1.861%
18	10.051	1210	1218	1232	rBV	2488229	4152723	27.54%	3.116%
19	10.428	1274	1282	1294	rBV	1795012	2976003	19.74%	2.233%
20	10.557	1296	1304	1330	rVV	2195872	3934745	26.10%	2.953%
21	12.022	1547	1553	1560	rVB	43775	75000	0.50%	0.056%
22	12.663	1657	1662	1665	rBV6	8497	17799	0.12%	0.013%
23	13.204	1748	1754	1761	rBV2	40596	73191	0.49%	0.055%
24	13.704	1832	1839	1844	rBV	5559458	7760675	51.48%	5.824%
25	13.751	1844	1847	1855	rVB	553271	719264	4.77%	0.540%
26	13.975	1878	1885	1899	rBV	6168572	9637485	63.92%	7.233%
27	14.286	1931	1938	1946	rVB	3511532	5275389	34.99%	3.959%
28	14.486	1965	1972	1991	rBV	1861172	2817418	18.69%	2.114%
29	14.716	2006	2011	2023	rVB3	27789	48293	0.32%	0.036%
30	15.286	2101	2108	2116	rBV	6351747	9400726	62.35%	7.055%
31	15.404	2122	2128	2142	rBV	1549828	2138253	14.18%	1.605%
32	15.527	2144	2149	2155	rVB	80542	118295	0.78%	0.089%
33	15.986	2216	2227	2234	rBV	12483	39460	0.26%	0.030%
34	16.074	2239	2242	2250	rVB2	31340	49801	0.33%	0.037%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : DBD40

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	16.310	2278	2282	2286	rVB2	16707	19266	0.13%	0.014%
36	16.721	2348	2352	2356	rVB2	17051	22663	0.15%	0.017%
37	16.821	2365	2369	2380	rVB2	17148	43811	0.29%	0.033%
38	17.039	2400	2406	2416	rVB	3801202	5317940	35.27%	3.991%
39	17.139	2416	2423	2437	rBV2	7038255	10054283	66.69%	7.545%
40	17.251	2437	2442	2446	rBV8	15545	23852	0.16%	0.018%
41	17.410	2464	2469	2473	rBV3	10567	20356	0.14%	0.015%
42	17.457	2473	2477	2486	rVB2	46063	63513	0.42%	0.048%
43	17.845	2539	2543	2548	rBV5	20782	41787	0.28%	0.031%
44	17.904	2548	2553	2559	rVV	294249	451464	2.99%	0.339%
45	17.963	2559	2563	2589	rVB	1454352	2380065	15.79%	1.786%
46	18.251	2608	2612	2622	rVB	57794	87884	0.58%	0.066%
47	18.380	2631	2634	2644	rVB4	54430	77332	0.51%	0.058%
48	19.027	2739	2744	2748	rBV	113141	152489	1.01%	0.114%
49	19.086	2750	2754	2755	rBV2	54801	61886	0.41%	0.046%
50	19.204	2770	2774	2781	rBV	298461	469013	3.11%	0.352%
51	19.274	2782	2786	2795	rVV	145444	322232	2.14%	0.242%
52	19.386	2799	2805	2821	rVB	10644582	15076298	100.00%	11.314%
53	19.910	2891	2894	2898	rBV2	47224	59855	0.40%	0.045%
54	20.874	3053	3058	3073	rBV	1426658	1907032	12.65%	1.431%
55	21.133	3096	3102	3112	rBV	4652531	5793893	38.43%	4.348%
56	21.245	3118	3121	3128	rBV	171851	261541	1.73%	0.196%
57	21.309	3129	3132	3141	rVB	107507	132661	0.88%	0.100%
58	21.745	3202	3206	3217	rBV2	183648	308658	2.05%	0.232%
59	22.203	3281	3284	3288	rBV	158649	189371	1.26%	0.142%
60	22.715	3367	3371	3376	rVB	193430	254379	1.69%	0.191%
61	23.209	3447	3455	3462	rBV	5289962	9930910	65.87%	7.453%
62	23.286	3464	3468	3471	rVV	195095	308173	2.04%	0.231%
63	23.345	3471	3478	3489	rVB	2644112	4928529	32.69%	3.699%
64	23.933	3574	3578	3585	rVB	158163	289432	1.92%	0.217%
65	24.009	3587	3591	3603	rVB5	183766	377547	2.50%	0.283%
66	25.568	3845	3856	3866	rBV5	170881	743224	4.93%	0.558%

Sum of corrected areas: 133249674

LSC Report - Integrated Chromatogram

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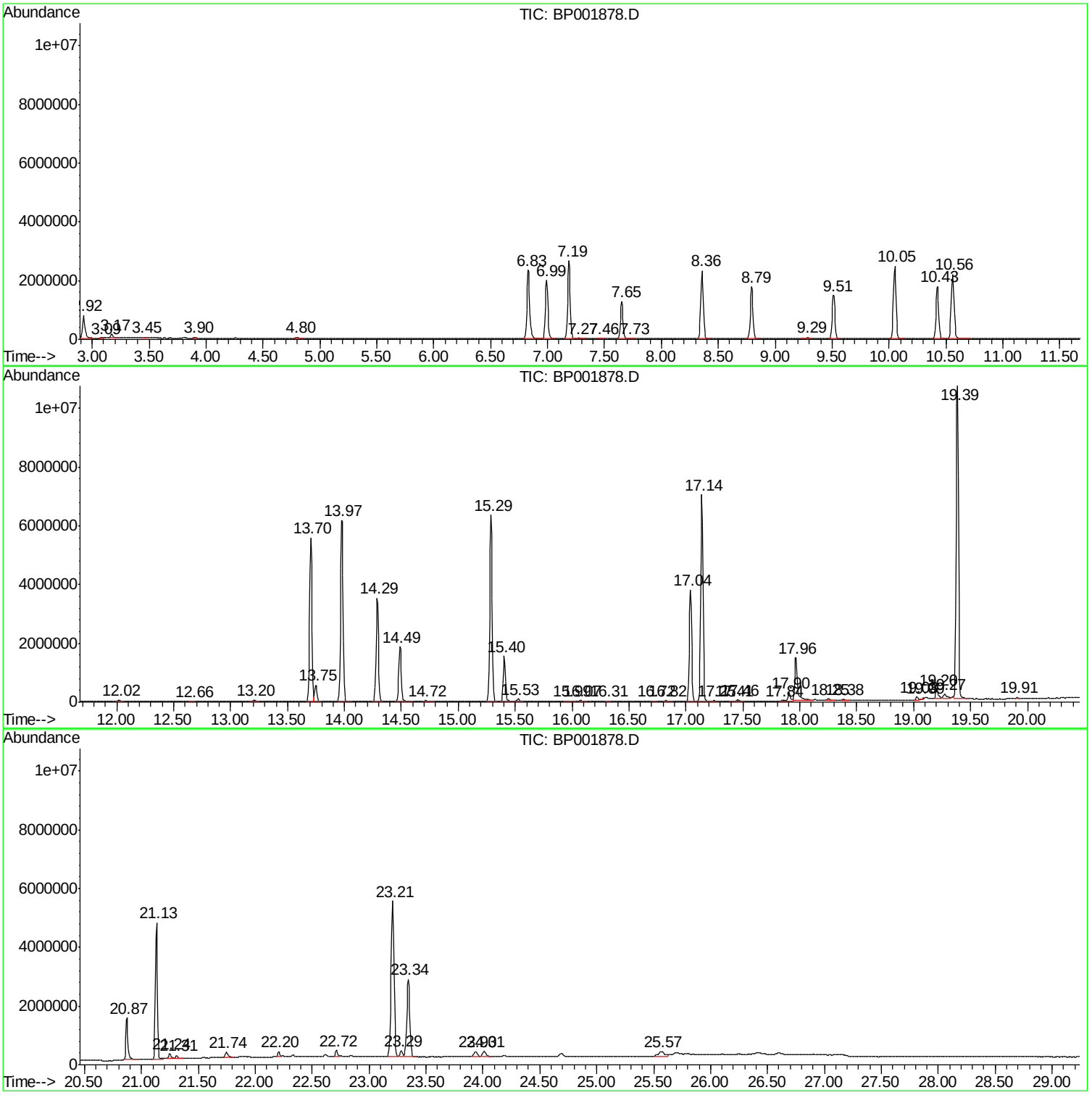
Acq On : 25 Feb 2020 01:05
Operator : CG/JU
Sample : L1542-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD40

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 : BP001878.D
Acq On : 25 Feb 2020 01:05
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Instrument : BNA_P
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Quant Title : SVOA CALIBRATION

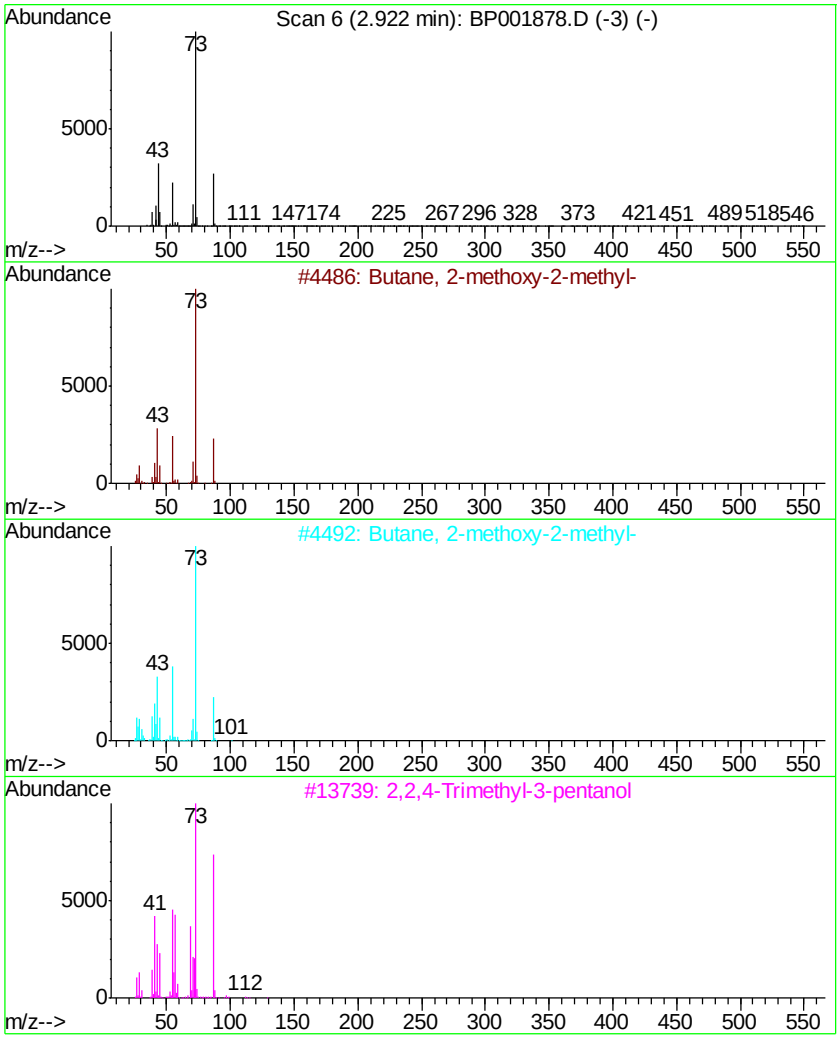
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

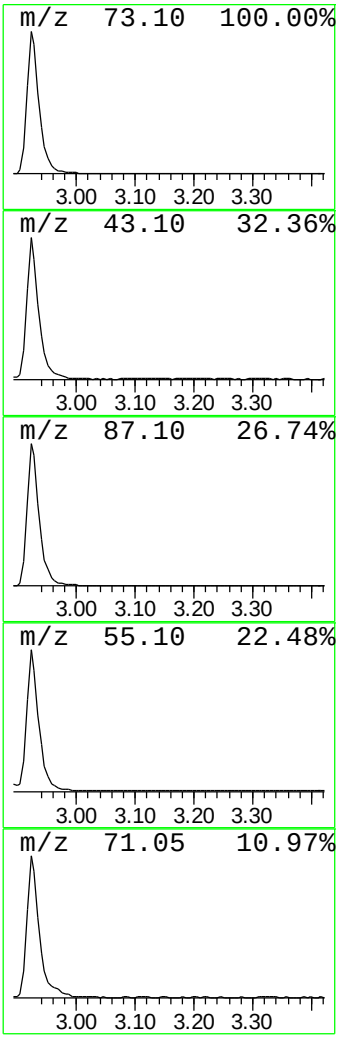
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	11.37 ng/ul	1134290	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	40
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001878.D
Acq On : 25 Feb 2020 01:05
Operator : CG/JU
Sample : L1542-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD40

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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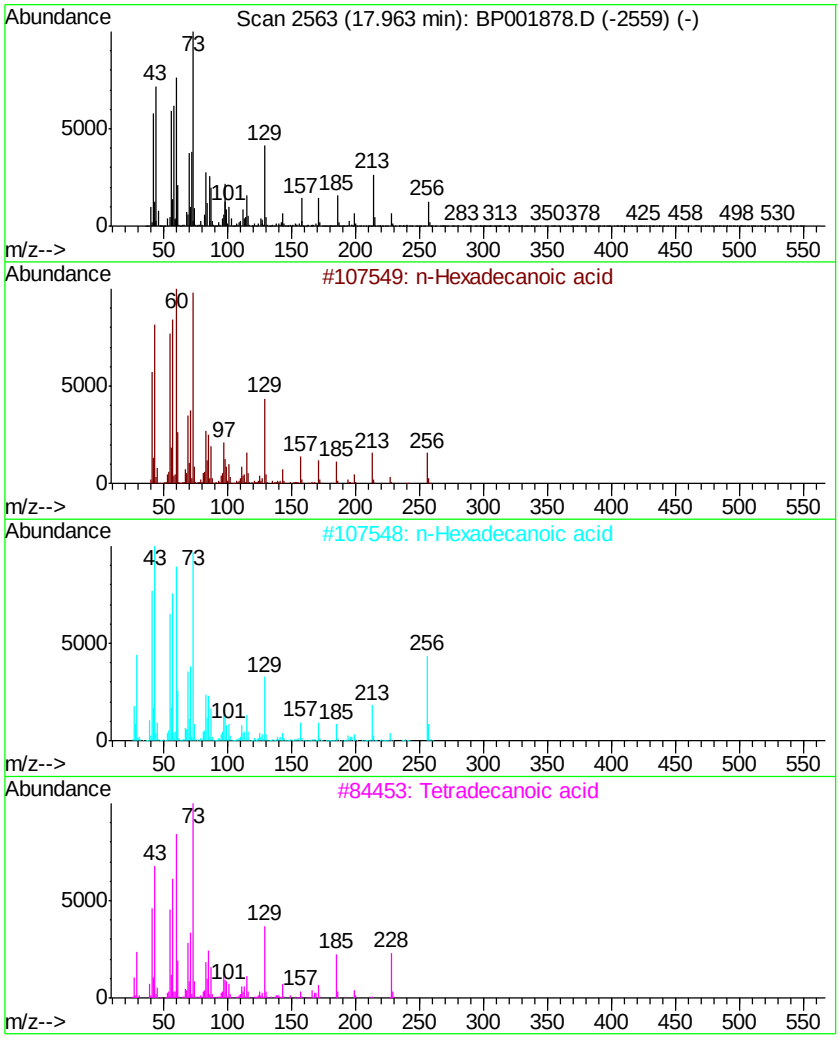
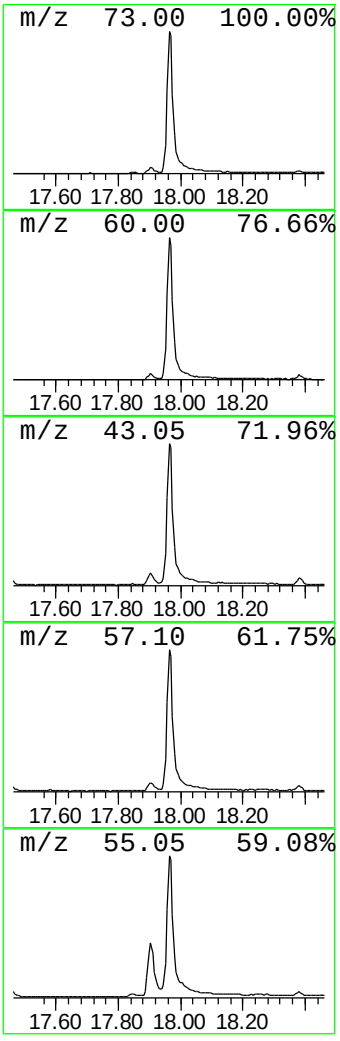
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	8.95 ng/ul	2380070	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	97
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





Library Search Compound Report

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Acq On : 25 Feb 2020 01:05
Operator : CG/JU
Sample : L1542-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD40

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

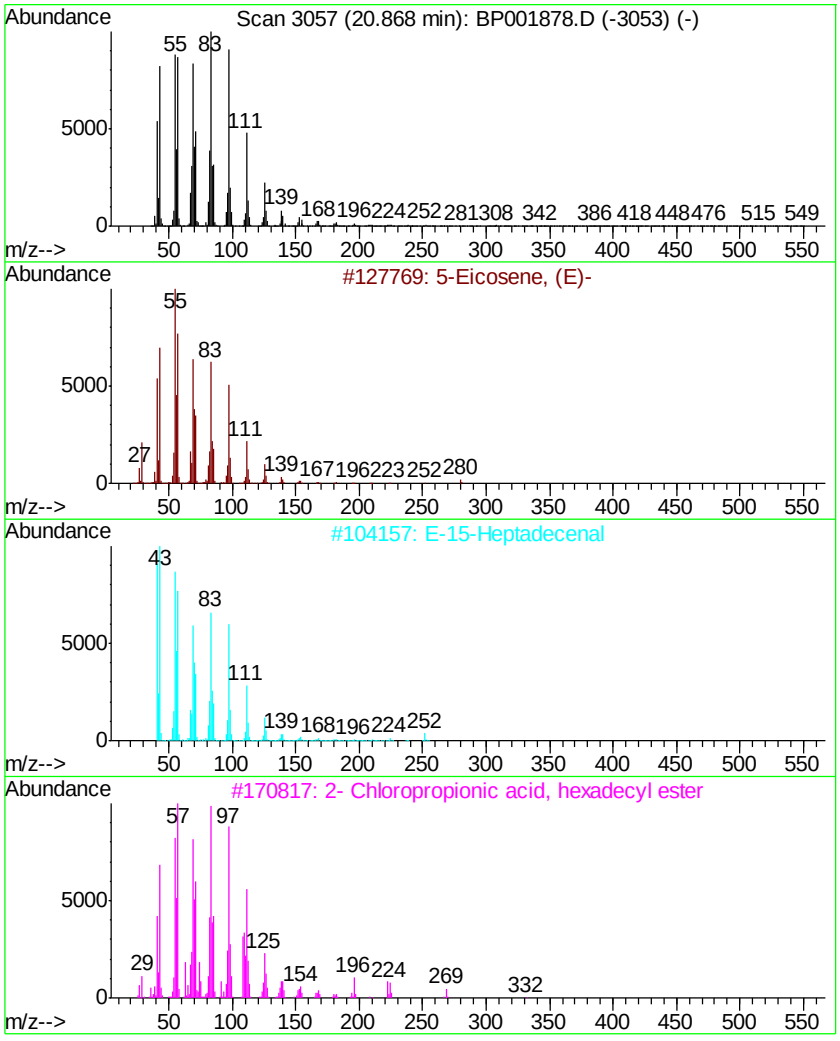
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

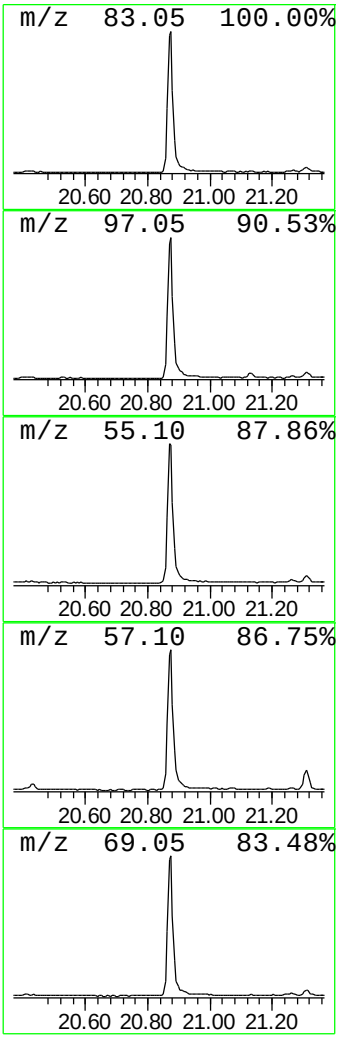
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	6.58 ng/ul	1907030	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	99
3	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	95
4	1-Heptacosanol	396	C27H56O	002004-39-9	95
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

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Sample : L1542-04
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD40

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

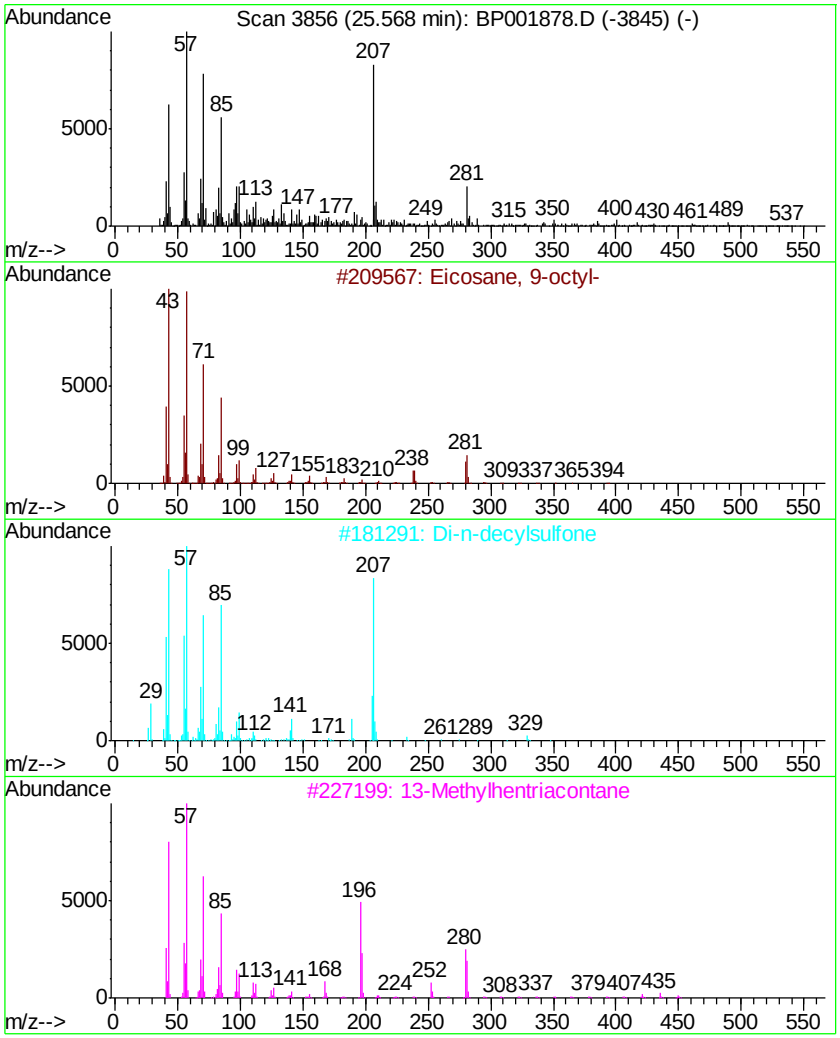
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

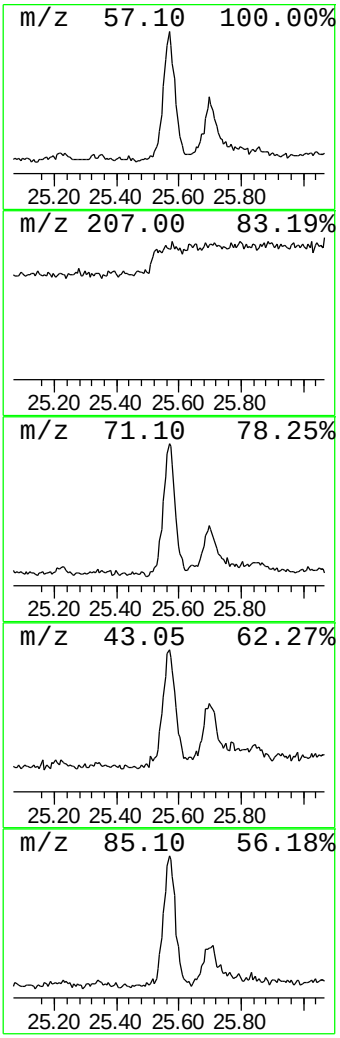
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	3.02 ng/ul	743224	Perylene-d12	23.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	70
2	Di-n-decylsulfone	346	C20H42O2S	111530-37-1	50
3	13-Methylhentriacontane	451	C32H66	1000131-19-4	47
4	6,6-Diethylhoctadecane	310	C22H46	1000360-41-8	43
5	(+)-trans-3,4-Dimethyl-2-phenylt...	207	C12H17NS	1000244-64-9	41





Tentatively Identified Compound (LSC) summary

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ClientSampleId : DBD40

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	11.4	ng/ul	1134290	1	7.65	1994540	20.0
n-Hexadecanoic acid	17.96	8.9	ng/ul	2380070	4	17.04	5317940	20.0
(DEL) Alkane: Str...	20.87	6.6	ng/ul	1907030	5	21.13	5793890	20.0
(DEL) Alkane: Str...	25.57	3.0	ng/ul	743224	6	23.34	4928530	20.0