LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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	2.934	4	8	27	rVB	2333966	3108786	53.79%	4.580%
2	3.181	47	50	56	rVB	43173	56888	0.98%	0.084%
3	3.693	134	137	142	rVB3	9614	13126	0.23%	0.019%
4	3.822	155	159	165	rVB	16609	28480	0.49%	0.042%
5	3.911	169	174	181	rVB	21106	33589	0.58%	0.049%
6	4.399	254	257	262	rVV2	6238	7957	0.14%	0.012%
7	4.446	262	265	272	rVB3	7060	11286	0.20%	0.017%
8	4.805	321	326	335	rVB	58638	85698	1.48%	0.126%
9	6.263	566	574	576	rBV8	2976	6714	0.12%	0.010%
10	6.834	662	671	684	rBV	730996	1167751	20.20%	1.720%
11	6.999	692	699	710	rBV	594009	925868	16.02%	1.364%
12	7.193	725	732	745	rBV	789419	1239850	21.45%	1.827%
13	7.316	750	753	759	rVB5	6292	8758	0.15%	0.013%
14	7.657	804	811	821	rBV	1239519	1922164	33.26%	2.832%
15	7.734	821	824	832	rVB5	7737	12631	0.22%	0.019%
16	8.363	924	931	942	rBV	842828	1347533	23.31%	1.985%
17	8.469	945	949	957	rVB	30967	47936	0.83%	0.071%
18	8.799	998	1005	1016	rBV	677323	1096538	18.97%	1.616%
19	9.293	1081	1089	1095	rBV2	28440	49685	0.86%	0.073%
20	9.516	1116	1127	1137	rBV	502620	835897	14.46%	1.232%
21	9.881	1183	1189	1194	rVB9	3564	6857	0.12%	0.010%
22	10.051	1211	1218	1228	rBV	903711	1529395	26.46%	2.253%
23	10.434	1275	1283	1297	rBV	1680589	2820160	48.79%	4.155%
24	10.563	1297	1305	1315	rBV	845547	1397629	24.18%	2.059%
25	12.028	1548	1554	1561	rVB2	18312	32873	0.57%	0.048%
26	13.210	1750	1755	1761	rVV2	28739	47712	0.83%	0.070%
27	13.616	1821	1824	1830	rVB8	5054	8702	0.15%	0.013%
28	13.704	1832	1839	1844	rBV	1641741	2308955	39.95%	3.402%
29	13.751	1844	1847	1853	rVB	336831	442431	7.65%	0.652%
30	13.981	1877	1886	1896	rBV	2031885	2961871	51.24%	4.364%
31	14.234	1924	1929	1932	rBV7	4283	7203	0.12%	0.011%
32	14.292	1932	1939	1947	rVV	2656229	3836059	66.37%	5.652%
33	14.486	1963	1972	1986	rBV	471895	747885	12.94%	1.102%
34	14.651	1997	2000	2005	rBV7	3517	6228	0.11%	0.009%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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	14.716	2006	2011	2019	rVB3	38061	56984	0.99%	0.084%
36	15.128	2078	2081	2085	rVB4	9166	10826	0.19%	0.016%
37	15.186	2088	2091	2097	rVB8	4812	6848	0.12%	0.010%
38	15.286	2101	2108	2116	rBV	2585567	3744860	64.79%	5.517%
39	15.404	2122	2128	2141	rBV	356738	538724	9.32%	0.794%
40	15.533	2145	2150	2154	rVB2	27366	39662	0.69%	0.058%
41	15.863	2201	2206	2213	rBV2	6904	13474	0.23%	0.020%
42	16.075	2240	2242	2248	rVB5	12409	17978	0.31%	0.026%
43	16.316	2280	2283	2285	rBV4	5426	6159	0.11%	0.009%
44	16.398	2294	2297	2304	rVB9	6301	10894	0.19%	0.016%
45	16.598	2327	2331	2339	rBB2	27807	41325	0.71%	0.061%
46	16.698	2344	2348	2351	rBV5	14449	23173	0.40%	0.034%
47	16.828	2365	2370	2382	rBV4	15850	39731	0.69%	0.059%
48	17.039	2400	2406	2412	rBV	3223712	4646576	80.39%	6.846%
49	17.080	2412	2413	2417	rVV	37821	37731	0.65%	0.056%
50	17.139	2417	2423	2433	rVB	2937671	3976986	68.81%	5.859%
51	17.245	2438	2441	2445	rBV6	4767	6439	0.11%	0.009%
52	17.457	2475	2477	2483	rVB7	15851	21757	0.38%	0.032%
53	17.680	2512	2515	2519	rVB6	8610	9832	0.17%	0.014%
54	17.757	2526	2528	2532	rVB4	8444	8068	0.14%	0.012%
55	17.916	2552	2555	2559	rBV2	14492	17717	0.31%	0.026%
56	17.963	2559	2563	2569	rBV2	91543	134626	2.33%	0.198%
57	18.098	2584	2586	2590	rVB4	12181	13726	0.24%	0.020%
58	18.257	2607	2613	2620	rBV5	31991	63138	1.09%	0.093%
59	18.392	2632	2636	2641	rBV6	21453	36608	0.63%	0.054%
60	18.798	2702	2705	2710	rVB6	34051	56171	0.97%	0.083%
61	19.033	2741	2745	2746	rBV	32284	41780	0.72%	0.062%
62	19.057	2746	2749	2757	rVB	110242	151681	2.62%	0.223%
63	19.204	2772	2774	2780	rBV7	19279	27169	0.47%	0.040%
64	19.274	2783	2786	2794	rVB	34477	47924	0.83%	0.071%
65	19.386	2799	2805	2817	rVV	3795892	5298555	91.67%	7.806%
66	20.874	3054	3058	3064	rBV2	568471	736627	12.74%	1.085%
67	20.927	3064	3067	3074	rVB	157220	208271	3.60%	0.307%
68	21.133	3096	3102	3107	rBV	4487965	5671847	98.13%	8.356%
69	21.251	3119	3122	3125	rBV	65556	78413	1.36%	0.116%
70	21.316	3130	3133	3140	rVB	100477	107641	1.86%	0.159%
71	21.751	3203	3207	3218	rVB2	181246	276916	4.79%	0.408%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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

72	22.215	3282	3286	3294	rVB	215257	318325	5.51%	0.469%
73	22.339	3304	3307	3313	rVB	134186	177622	3.07%	0.262%
74	22.721	3368	3372	3382	rVB	327268	539242	9.33%	0.794%
75	23.204	3448	3454	3464	rVV	2829805	5181385	89.64%	7.634%
76	23.292	3465	3469	3472	rVV	327348	518807	8.98%	0.764%
77	23.345	3472	3478	3492	rVB	3060125	5780018	100.00%	8.516%
78	23.945	3575	3580	3587	rVB	289472	544767	9.43%	0.803%
79	24.704	3704	3709	3716	rBV	195034	426729	7.38%	0.629%

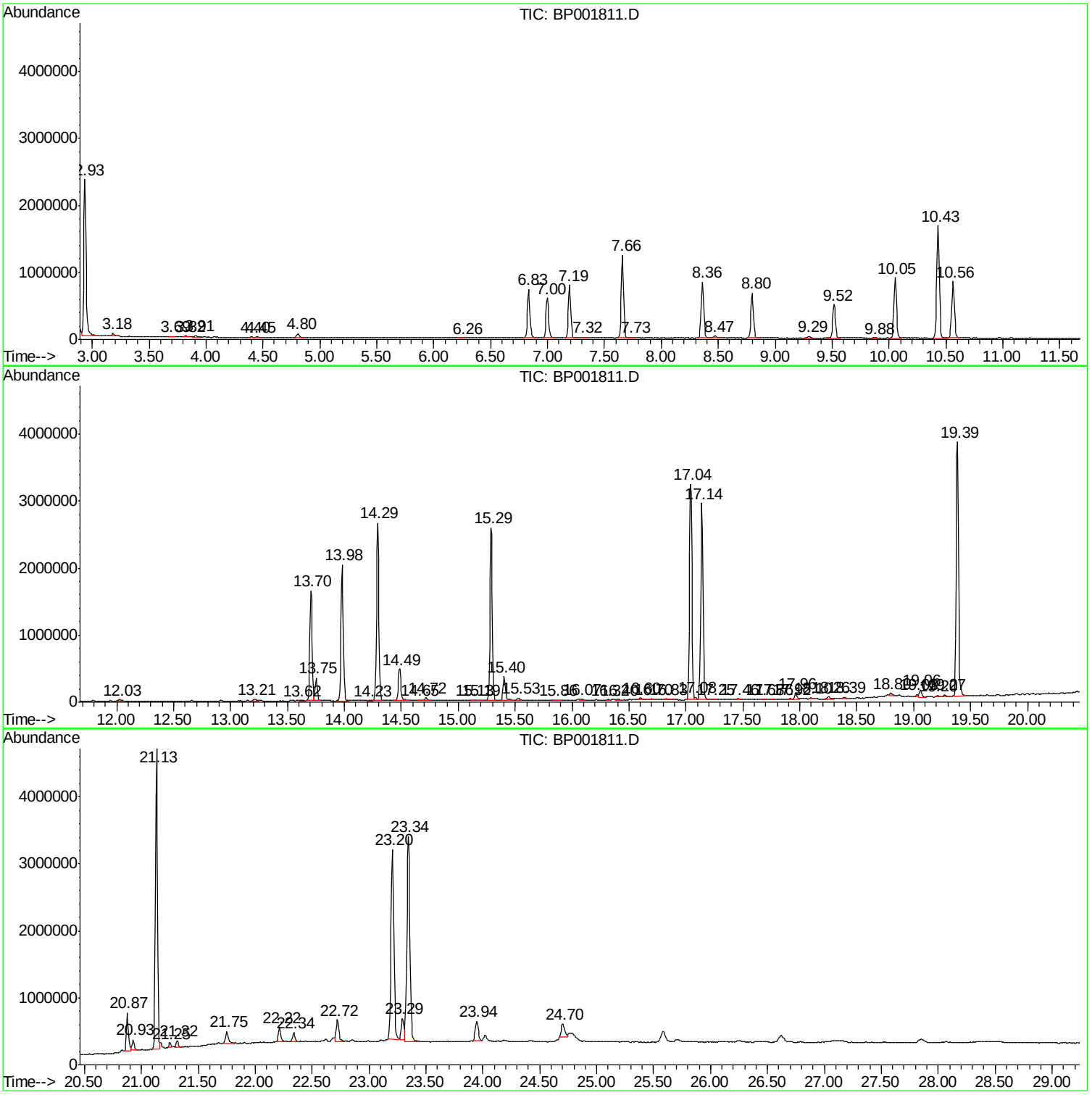
Sum of corrected areas: 67874827

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AW5

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\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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

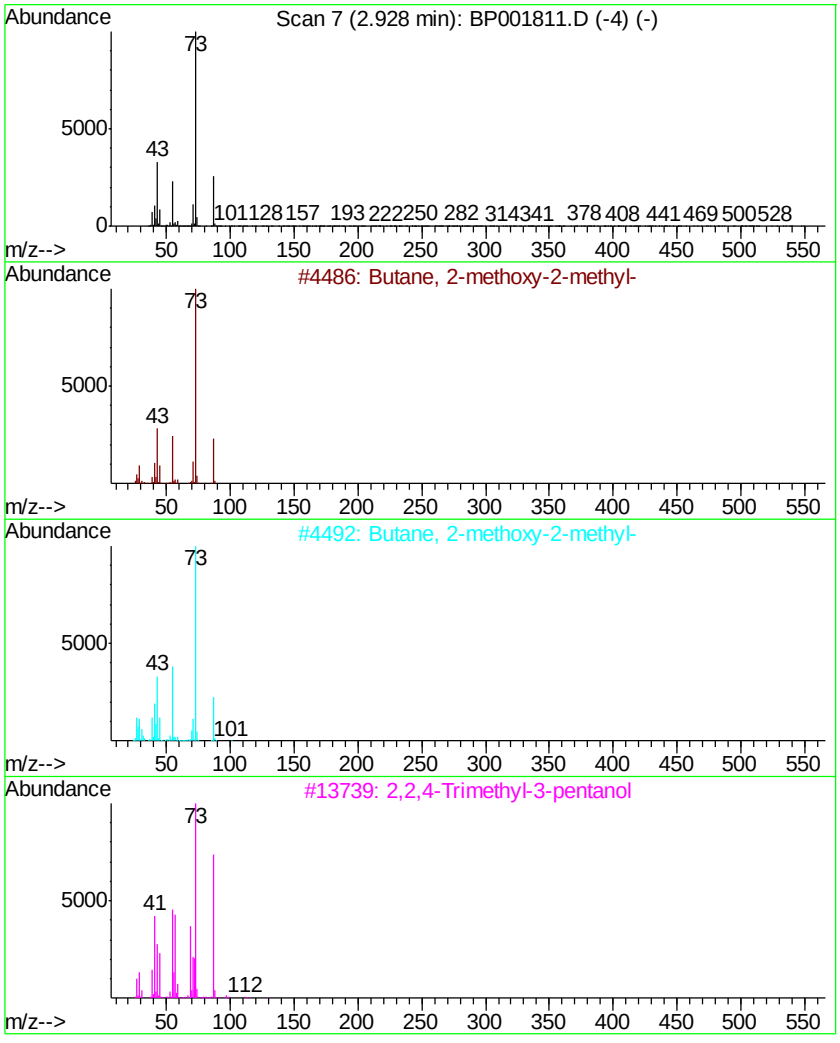
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

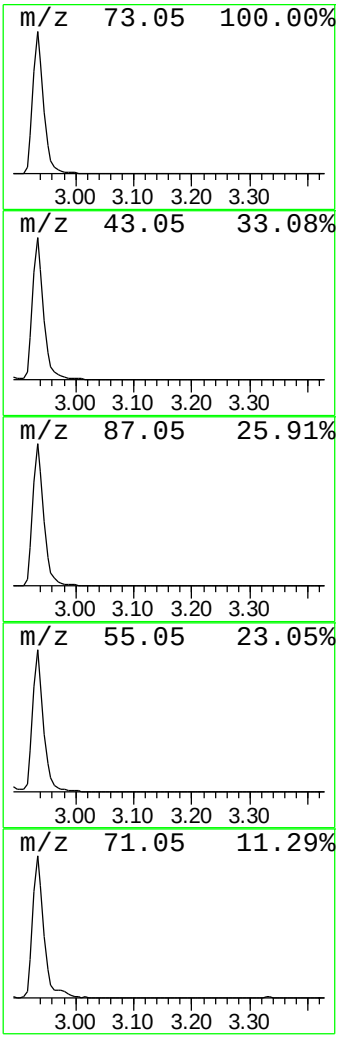
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	32.35 ng/ul	3108790	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
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	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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

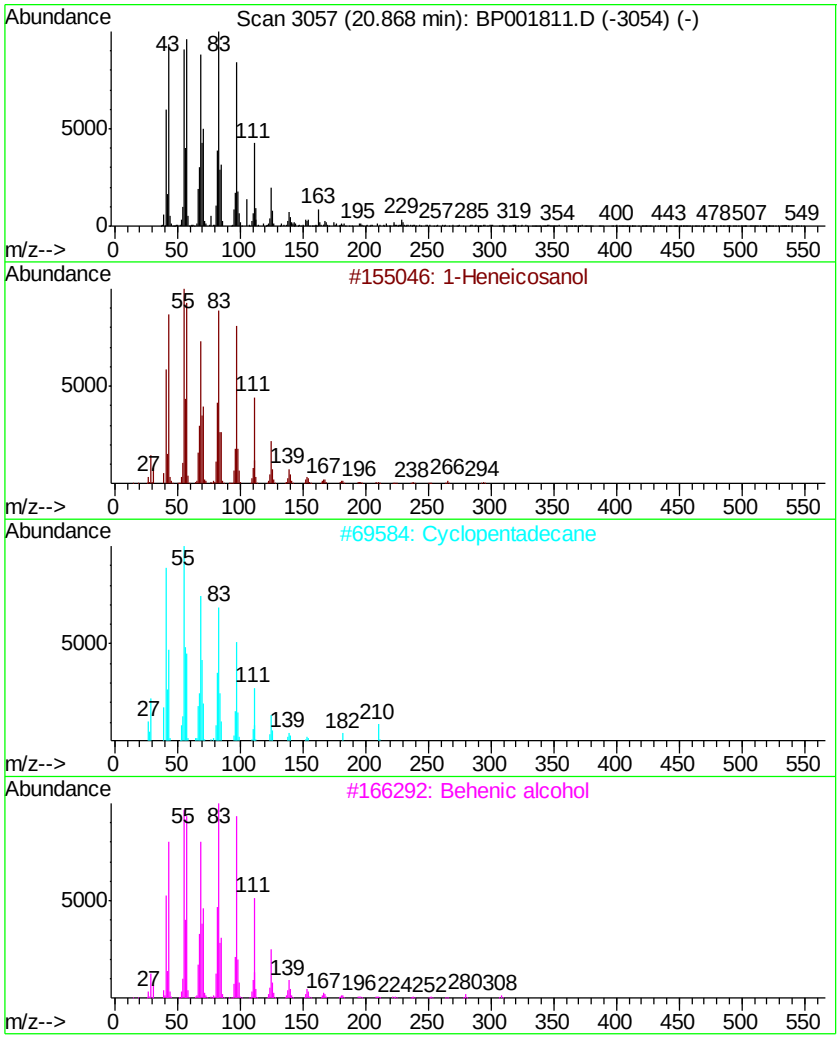
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

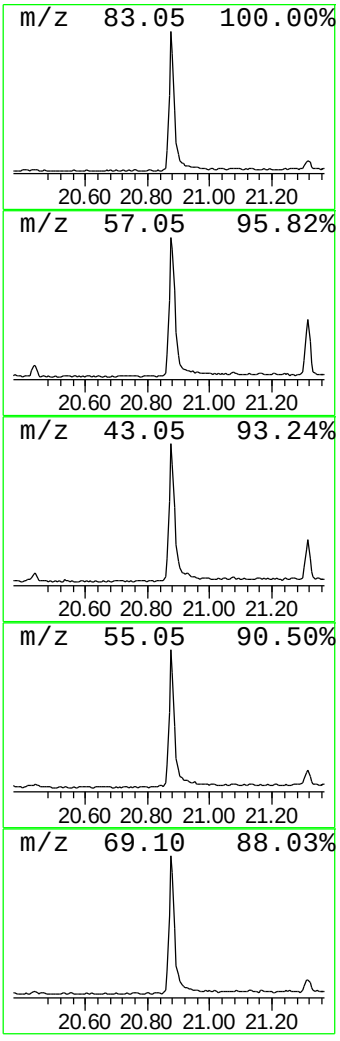
****

Peak Number 2 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.60 ng/ul	736627	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclopentadecane	210	C15H30	000295-48-7	94
3	Behenic alcohol	326	C22H46O	000661-19-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022020\
Data File : BP001811.D
Acq On : 20 Feb 2020 20:07
Operator : CG/JU
Sample : L1418-21
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C5AW5

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...	2.93	32.4	ng/ul	3108790	1	7.66	1922160	20.0
1-Heneicosanol	20.87	2.6	ng/ul	736627	5	21.13	5671850	20.0