LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.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	2.975	45	49	57	rBV	271513	471832	6.57%	0.601%
2	3.046	57	61	72	rVB	1347870	1865151	25.96%	2.375%
3	6.975	723	729	738	rVB	1014944	1671767	23.26%	2.129%
4	7.145	753	758	765	rVB	736460	1135114	15.80%	1.446%
5	7.345	786	792	802	rVV	968019	1512404	21.05%	1.926%
6	7.434	805	807	815	rVB3	63544	88336	1.23%	0.113%
7	7.816	866	872	878	rBV	693660	1130809	15.74%	1.440%
8	8.510	984	990	1003	rVB	1253623	2027618	28.22%	2.582%
9	8.969	1061	1068	1077	rVB	1211634	1916277	26.67%	2.441%
10	9.686	1184	1190	1202	rBV	863001	1442075	20.07%	1.837%
11	9.786	1205	1207	1212	rVB3	7304	7664	0.11%	0.010%
12	10.222	1274	1281	1290	rBV	1278526	2104260	29.28%	2.680%
13	10.604	1339	1346	1354	rVB	1010735	1666546	23.19%	2.123%
14	10.739	1362	1369	1380	rVB	1186280	1992427	27.73%	2.538%
15	11.133	1434	1436	1440	rBV3	7171	8223	0.11%	0.010%
16	11.916	1564	1569	1579	rVB	182709	311700	4.34%	0.397%
17	12.186	1612	1615	1623	rVB3	21024	36256	0.50%	0.046%
18	12.686	1696	1700	1706	rBV7	11706	19607	0.27%	0.025%
19	13.269	1795	1799	1802	rBV3	9770	11322	0.16%	0.014%
20	13.663	1862	1866	1872	rBV5	14641	19611	0.27%	0.025%
21	13.857	1892	1899	1903	rBV	2751873	3685004	51.28%	4.693%
22	13.904	1903	1907	1916	rVB	748633	1013392	14.10%	1.291%
23	13.998	1916	1923	1927	rBV8	8775	16223	0.23%	0.021%
24	14.145	1941	1948	1958	rVB	2581841	3904678	54.34%	4.973%
25	14.310	1971	1976	1979	rBV5	6945	10696	0.15%	0.014%
26	14.345	1979	1982	1987	rVB4	16941	26101	0.36%	0.033%
27	14.451	1993	2000	2009	rVB	1622909	2332952	32.47%	2.971%
28	14.645	2026	2033	2041	rBV	1362534	2021757	28.14%	2.575%
29	14.721	2041	2046	2053	rVB2	61261	101426	1.41%	0.129%
30	14.863	2065	2070	2076	rBV6	34829	59641	0.83%	0.076%
31	14.951	2080	2085	2089	rBV4	26440	35358	0.49%	0.045%
32	15.210	2123	2129	2132	rBV2	25639	34090	0.47%	0.043%
33	15.268	2134	2139	2141	rVV4	21583	32832	0.46%	0.042%
34	15.292	2141	2143	2149	rVB6	16408	23238	0.32%	0.030%

LSC Area Percent Report

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Data File : BM000311.D
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Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Title : SVOA CALIBRATION

35	15.445	2162	2169	2178	rVB	3303316	4866443	67.72%	6.198%
36	15.557	2182	2188	2199	rBV	1170920	1581767	22.01%	2.015%
37	15.680	2206	2209	2215	rVB3	47768	65836	0.92%	0.084%
38	15.810	2224	2231	2236	rBV	1116938	1531173	21.31%	1.950%
39	16.157	2287	2290	2296	rBV6	7009	10802	0.15%	0.014%
40	16.274	2304	2310	2314	rBV5	5828	9281	0.13%	0.012%
41	16.398	2324	2331	2333	rBV8	4467	7578	0.11%	0.010%
42	16.592	2359	2364	2367	rBV4	17746	27755	0.39%	0.035%
43	16.945	2422	2424	2427	rVV4	8249	11465	0.16%	0.015%
44	16.974	2427	2429	2437	rVB5	12091	22911	0.32%	0.029%
45	17.092	2445	2449	2452	rVB6	5498	7478	0.10%	0.010%
46	17.192	2460	2466	2473	rVB2	2090631	2979754	41.47%	3.795%
47	17.292	2476	2483	2490	rVV	4052348	5600392	77.94%	7.133%
48	17.357	2491	2494	2495	rVV3	14254	16446	0.23%	0.021%
49	17.380	2495	2498	2505	rVB7	23334	34891	0.49%	0.044%
50	17.557	2526	2528	2532	rBV5	7716	9219	0.13%	0.012%
51	17.680	2546	2549	2552	rBV5	9004	10133	0.14%	0.013%
52	17.839	2571	2576	2577	rBV5	9859	11065	0.15%	0.014%
53	17.857	2577	2579	2583	rVB4	8593	10493	0.15%	0.013%
54	17.951	2591	2595	2600	rBV6	15886	28869	0.40%	0.037%
55	18.086	2612	2618	2628	rBV	1075758	1723977	23.99%	2.196%
56	18.380	2663	2668	2672	rBV8	11926	25463	0.35%	0.032%
57	18.504	2684	2689	2695	rVB10	17383	29299	0.41%	0.037%
58	18.627	2706	2710	2711	rBV3	7103	7495	0.10%	0.010%
59	18.751	2729	2731	2733	rBV3	14110	12855	0.18%	0.016%
60	18.833	2743	2745	2748	rBV4	9391	10235	0.14%	0.013%
61	19.092	2788	2789	2791	rBV2	12199	8916	0.12%	0.011%
62	19.215	2806	2810	2818	rBV5	100965	233115	3.24%	0.297%
63	19.368	2830	2836	2848	rBV	1034762	1609339	22.40%	2.050%
64	19.474	2851	2854	2858	rVB2	51452	73006	1.02%	0.093%
65	19.586	2867	2873	2879	rBV	4590319	6533719	90.93%	8.321%
66	19.786	2905	2907	2910	rBV4	9082	12481	0.17%	0.016%
67	20.127	2962	2965	2968	rBV5	21572	24350	0.34%	0.031%
68	20.621	3047	3049	3052	rVB4	29613	23375	0.33%	0.030%
69	21.086	3123	3128	3140	rBV	1078549	2061827	28.69%	2.626%
70	21.286	3159	3162	3167	rVB3	64725	81473	1.13%	0.104%
71	21.380	3172	3178	3187	rVB	2994905	3912259	54.44%	4.983%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Title : SVOA CALIBRATION

72	21.521	3199	3202	3205	rVB3	39345	43444	0.60%	0.055%
73	21.956	3273	3276	3279	rBV3	57076	74501	1.04%	0.095%
74	22.427	3353	3356	3361	rVB2	104118	122345	1.70%	0.156%
75	22.562	3375	3379	3385	rVB	267215	350113	4.87%	0.446%
76	22.944	3441	3444	3449	rVB4	79269	116625	1.62%	0.149%
77	23.521	3534	3542	3556	rBV2	3664520	7185772	100.00%	9.152%
78	23.662	3558	3566	3580	rVB	2001255	3922467	54.59%	4.996%
79	24.180	3650	3654	3661	rVB4	88682	170439	2.37%	0.217%
80	24.291	3667	3673	3684	rBV6	156070	500240	6.96%	0.637%
81	24.538	3711	3715	3717	rBV5	48081	68239	0.95%	0.087%

Sum of corrected areas: 78517507

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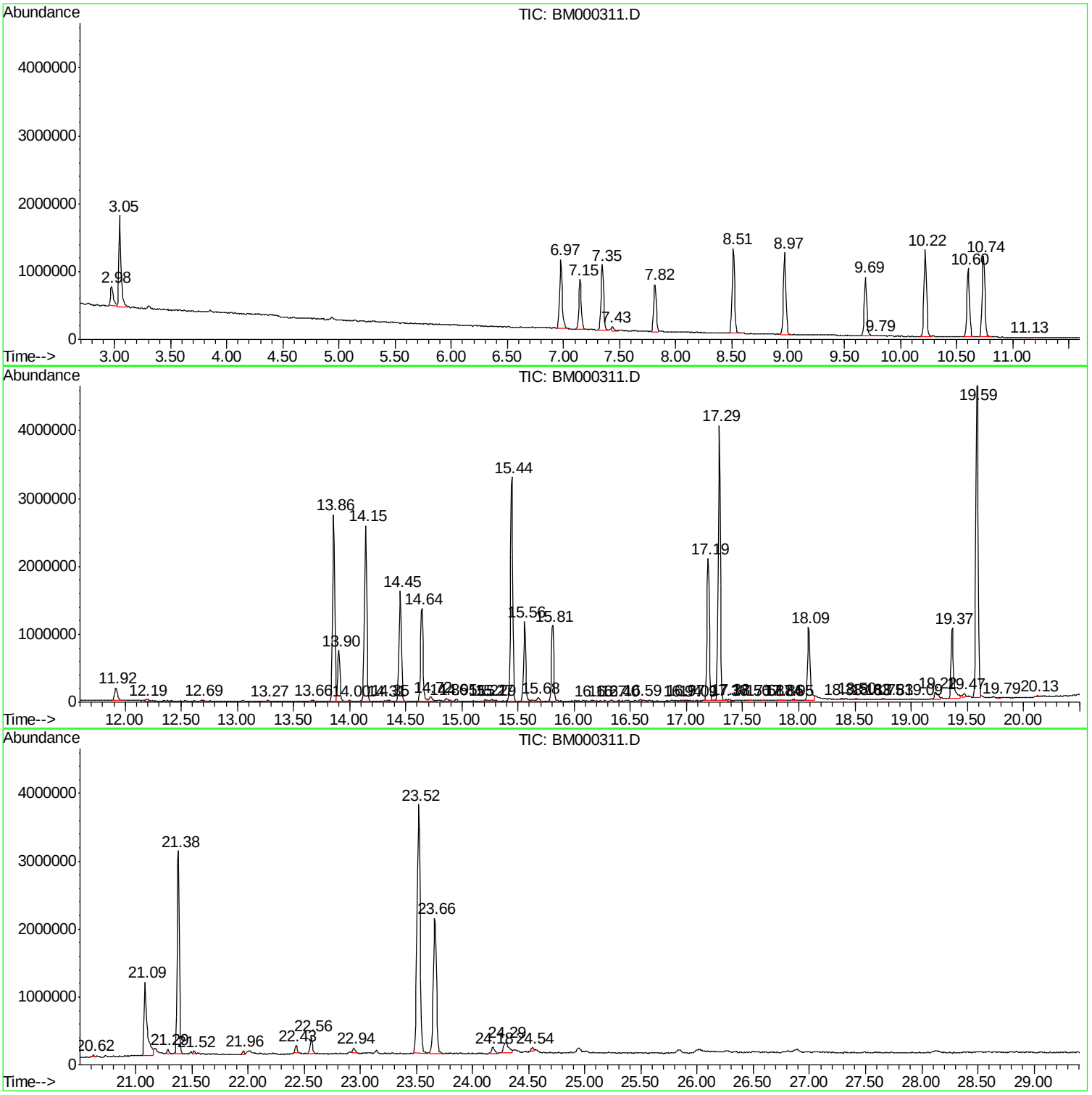
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

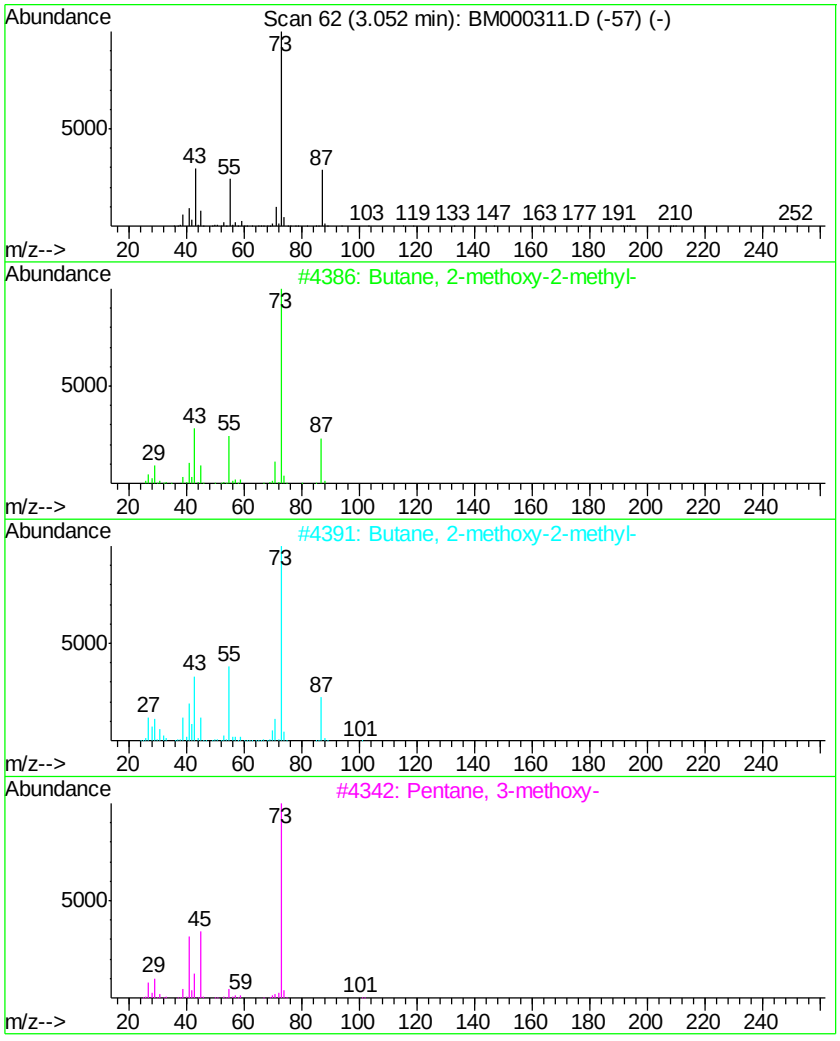
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

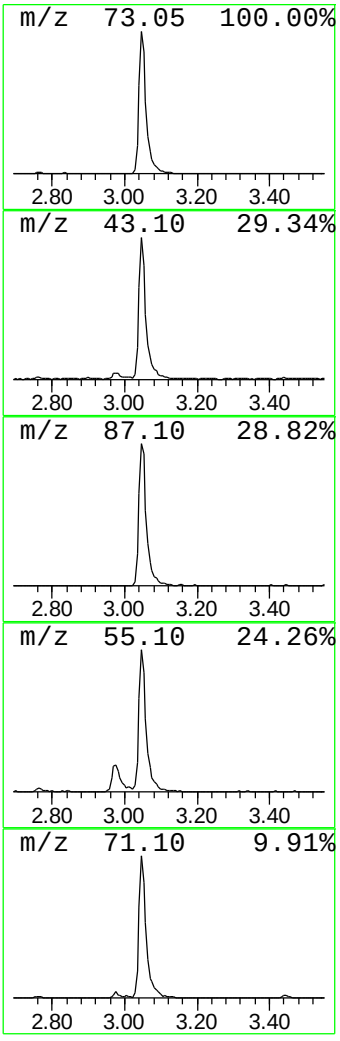
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.05	32.99 ng/ul	1865150	1,4-Dichlorobenzene-d4	7.82

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

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Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

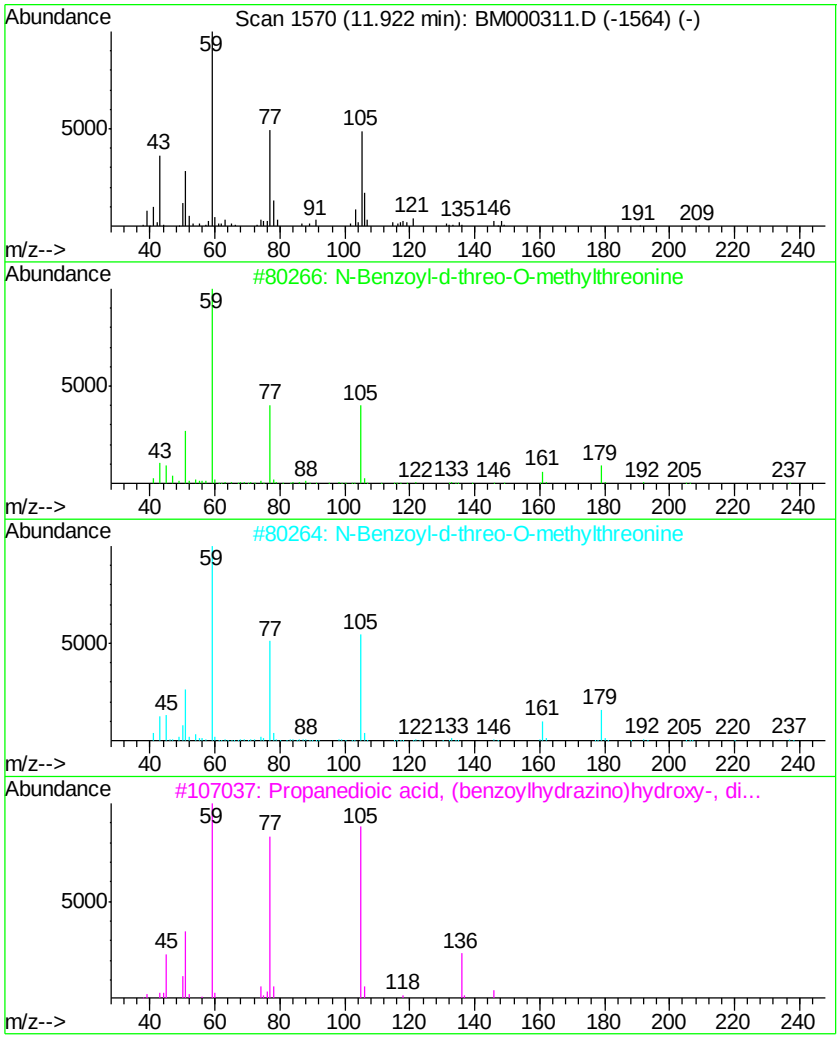
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

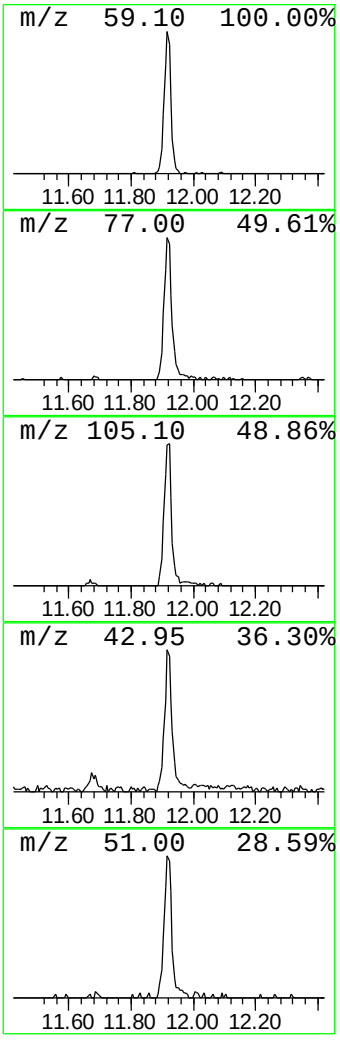
****

Peak Number 3 N-Benzoyl-d-threo-O-methylt... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.74 ng/ul	311700	Naphthalene-d8	10.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	50
2	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	50
3	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	40
4	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	35
5	D-Ribose, 5-O-methyl-2,3-O-(1-me...	204	C9H16O5	064018-53-7	27





Data Path : Z:\HPCHEM1\BNA M\DATA\BM012315\
Data File : BM000311.D
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Operator : TP/IZ
Sample : G1102-08
Misc :
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Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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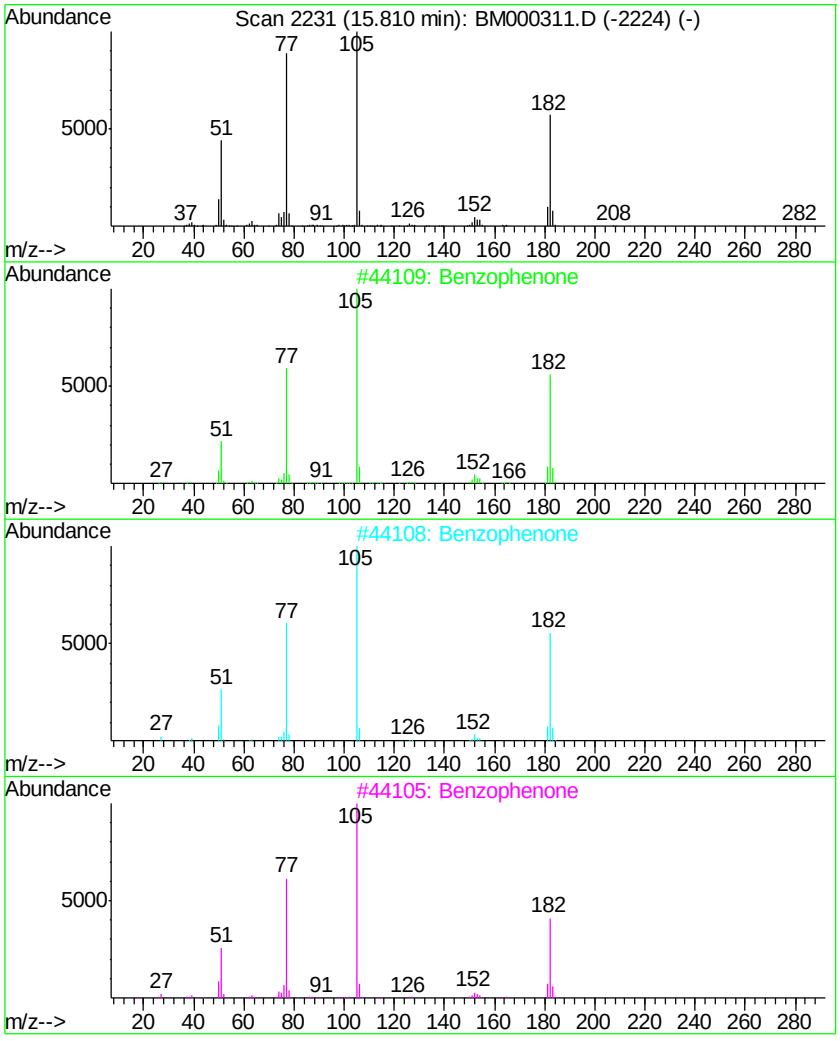
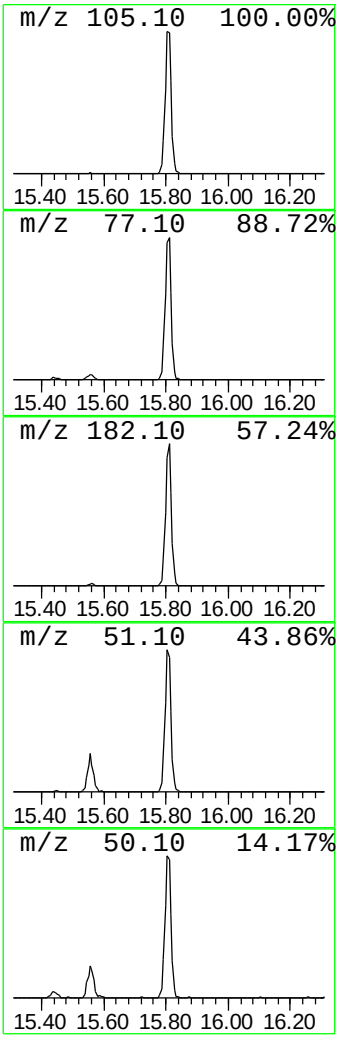
Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.81	13.13 ng/ul	1531170	Acenaphthene-d10	14.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

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Operator : TP/IZ
Sample : G1102-08
Misc :
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Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

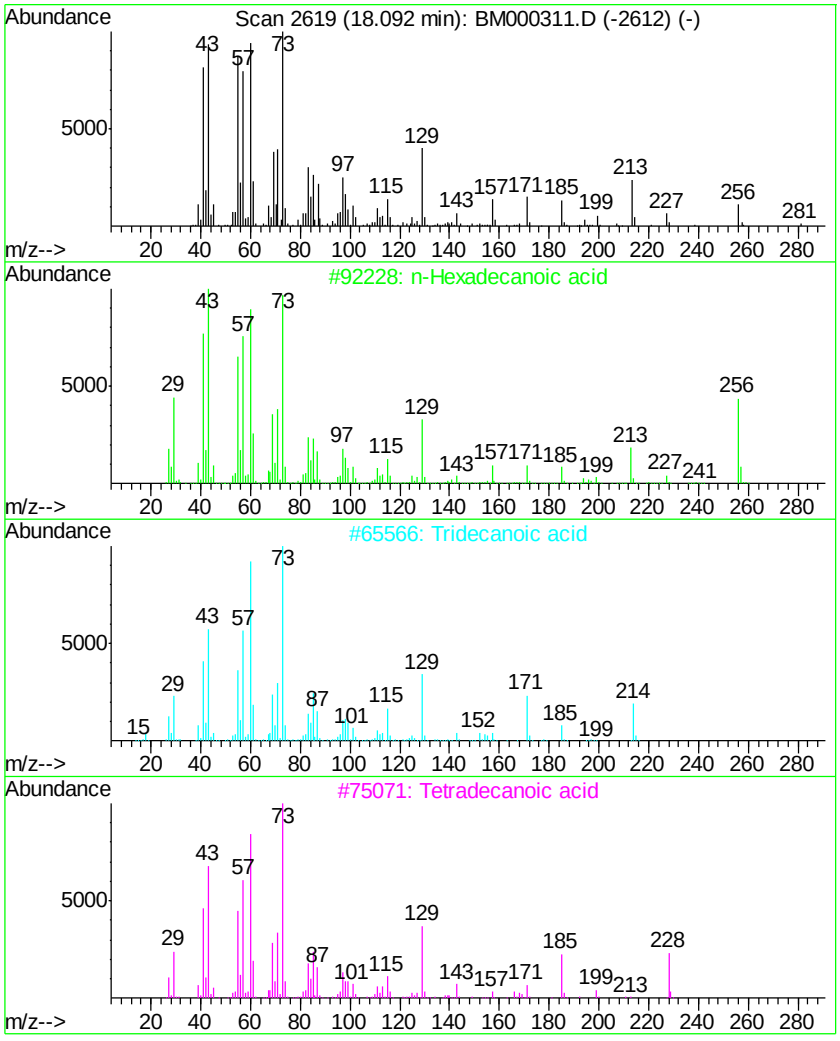
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

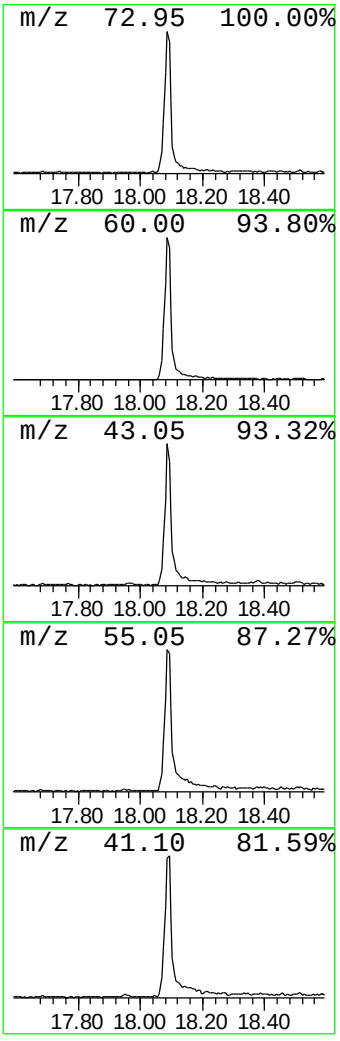
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	11.57 ng/ul	1723980	Phenanthrene-d10	17.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80





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Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

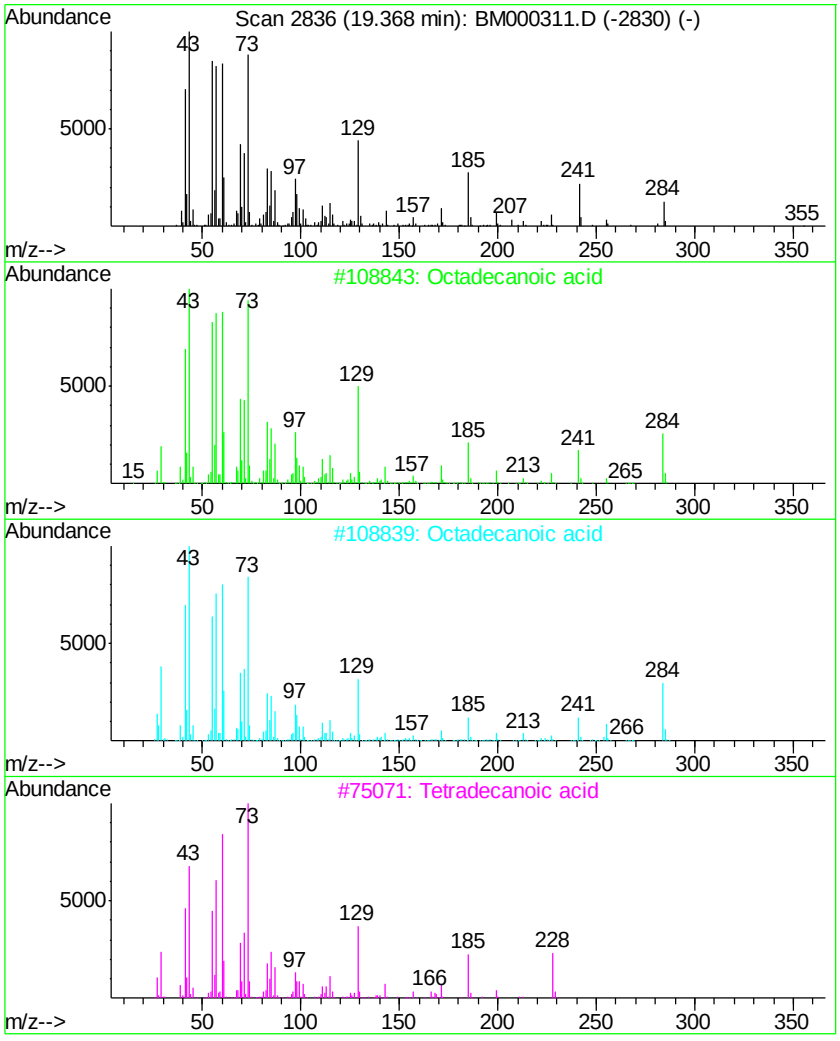
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

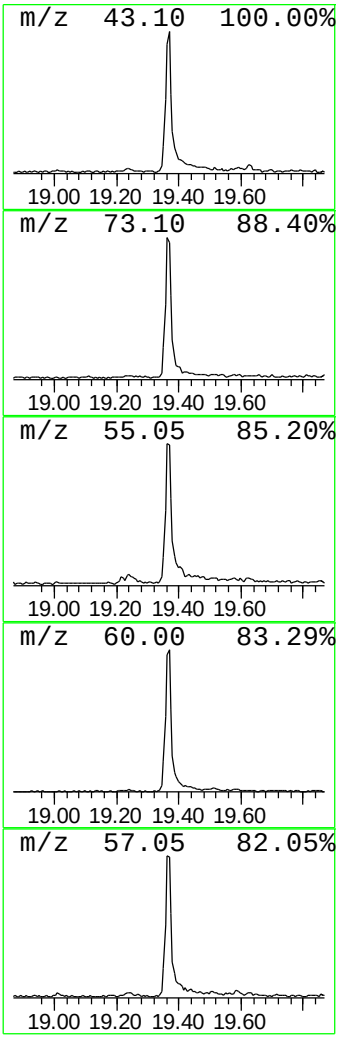
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	8.23 ng/ul	1609340	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





Library Search Compound Report

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Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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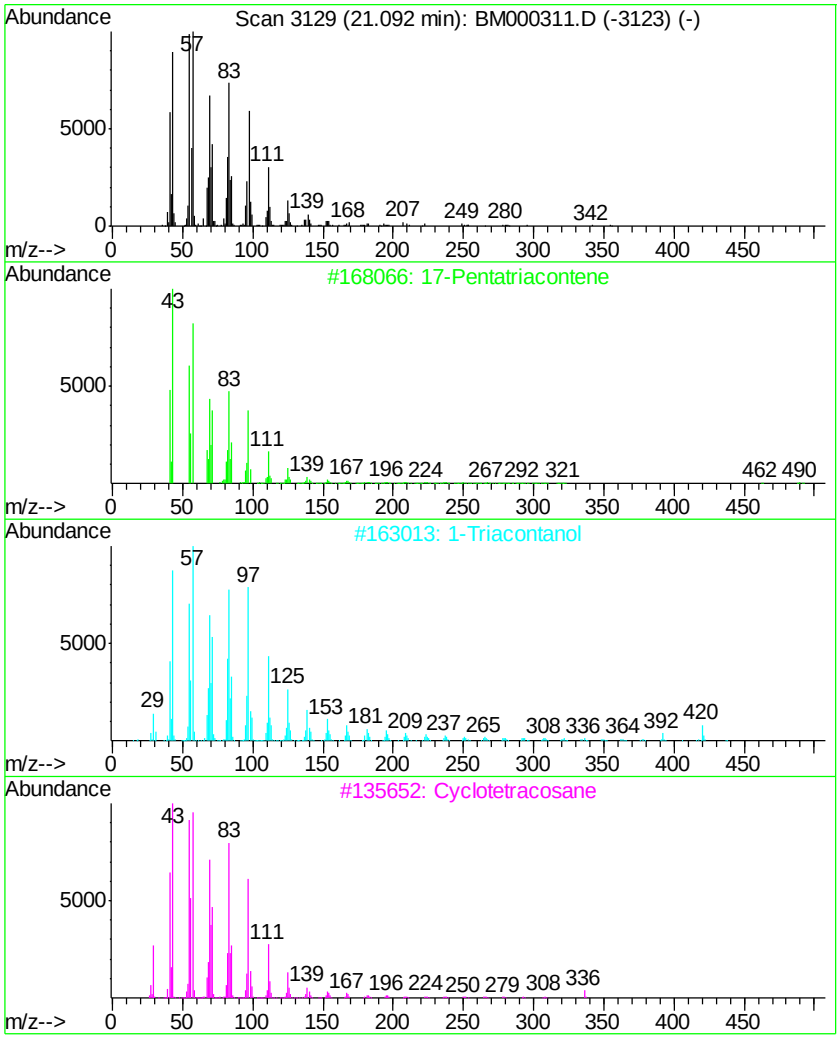
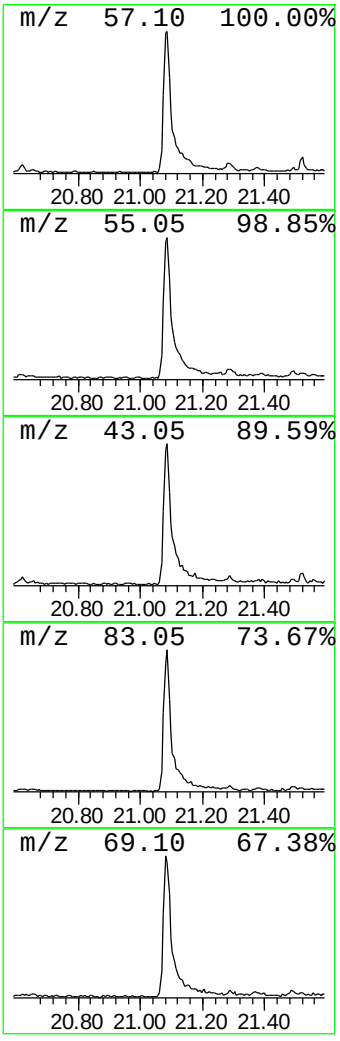
Peak Number 7 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	10.54 ng/ul	2061830	Chrysene-d12	21.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	1-Triacontanol	438	C30H62O	000593-50-0	91
3	Cyclotetracosane	336	C24H48	000297-03-0	90
4	1-Tetracosanol	354	C24H50O	000506-51-4	90
5	Cyclooctacosane	392	C28H56	000297-24-5	87





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Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

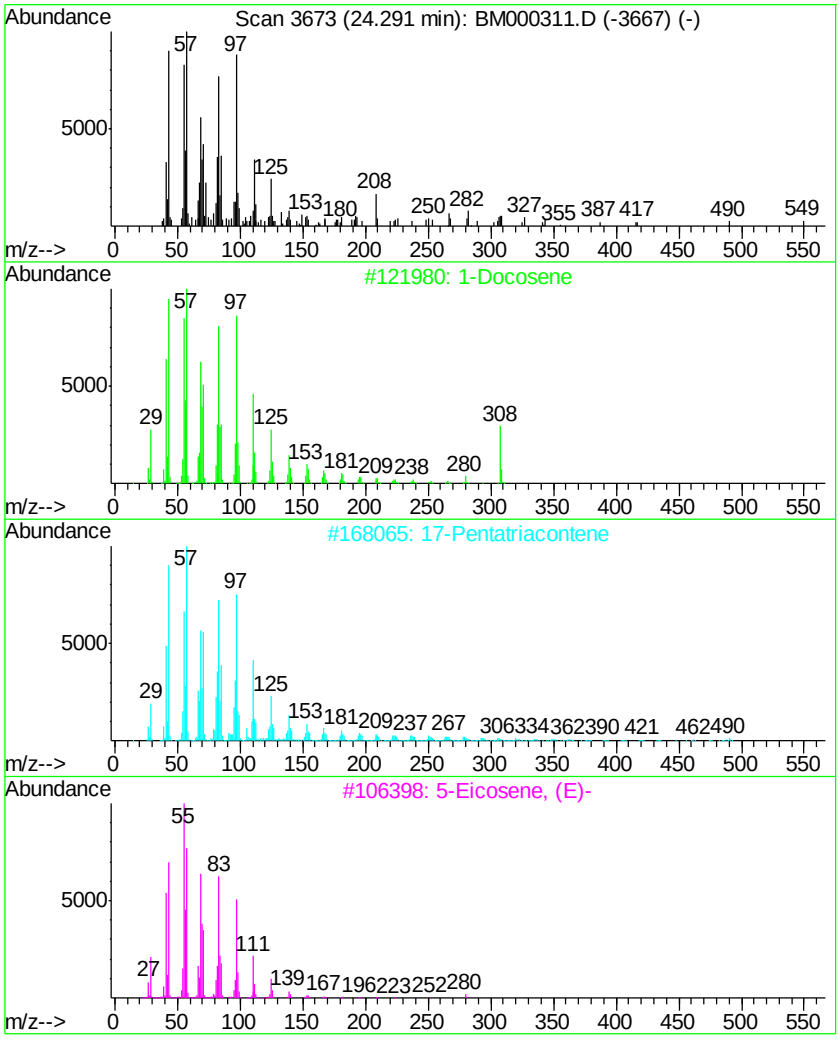
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

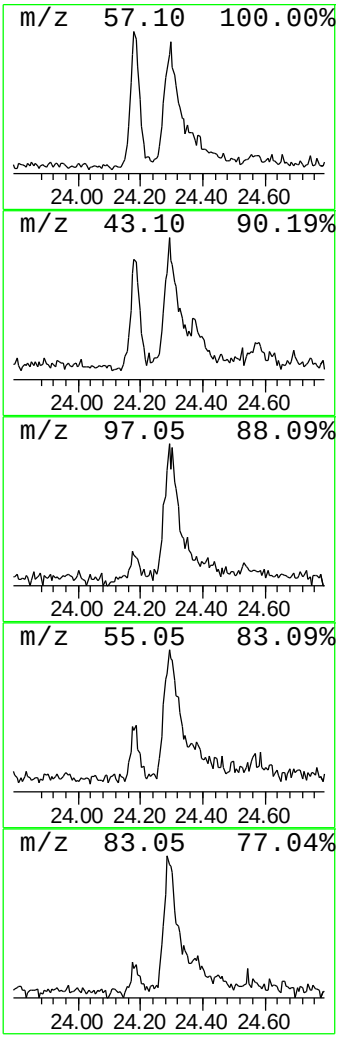
****

Peak Number 8 1-Docosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.29	2.55 ng/ul	500240	Perylene-d12	23.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	87
2	17-Pentatriacontene	491	C35H70	006971-40-0	70
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	64
4	Cyclotetracosane	336	C24H48	000297-03-0	62
5	1-Pentadecanol	228	C15H32O	000629-76-5	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012315\
Data File : BM000311.D
Acq On : 24 Jan 2015 00:53
Operator : TP/IZ
Sample : G1102-08
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG0

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.05	33.0	ng/ul	1865150	1	7.82	1130810	20.0
N-Benzoyl-d-threo...	11.92	3.7	ng/ul	311700	2	10.60	1666550	20.0
Benzophenone	15.81	13.1	ng/ul	1531170	3	14.45	2332950	20.0
n-Hexadecanoic acid	18.09	11.6	ng/ul	1723980	4	17.19	2979750	20.0
Octadecanoic acid	19.37	8.2	ng/ul	1609340	5	21.38	3912260	20.0
17-Pentatriacontene	21.09	10.5	ng/ul	2061830	5	21.38	3912260	20.0
1-Docosene	24.29	2.5	ng/ul	500240	6	23.66	3922470	20.0