LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000275.D
Acq On : 20 Jan 2015 22:47
Operator : TP/IZ
Sample : G1102-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

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-BM122914.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	2.981	46	50	58	rBV	410248	631098	8.95%	0.925%
2	3.057	58	63	73	rVB	1632250	2065681	29.30%	3.027%
3	6.981	724	730	741	rVB	1090102	1884662	26.73%	2.762%
4	7.151	754	759	770	rVB	782440	1251610	17.75%	1.834%
5	7.351	787	793	800	rBV	1067653	1685576	23.91%	2.470%
6	7.440	805	808	813	rVB2	57677	76967	1.09%	0.113%
7	7.822	867	873	880	rVB	765095	1189537	16.87%	1.743%
8	8.516	984	991	1008	rVB	1288611	2125193	30.14%	3.114%
9	8.975	1062	1069	1077	rBV	1150256	1882130	26.69%	2.758%
10	9.386	1135	1139	1145	rBV4	10555	18196	0.26%	0.027%
11	9.692	1184	1191	1202	rBV	867684	1498971	21.26%	2.196%
12	10.228	1275	1282	1294	rBV	1252929	2102889	29.83%	3.081%
13	10.610	1340	1347	1355	rBV	968430	1626313	23.07%	2.383%
14	10.745	1363	1370	1381	rBV	1109766	1925221	27.31%	2.821%
15	11.639	1519	1522	1528	rVB3	11096	16102	0.23%	0.024%
16	11.928	1565	1571	1580	rVB	175110	290813	4.12%	0.426%
17	12.198	1612	1617	1623	rBV4	22500	34809	0.49%	0.051%
18	12.692	1698	1701	1705	rBV5	6942	8182	0.12%	0.012%
19	13.063	1759	1764	1768	rBV2	8150	13397	0.19%	0.020%
20	13.274	1797	1800	1806	rVB4	11079	14277	0.20%	0.021%
21	13.739	1874	1879	1881	rBV3	10766	14958	0.21%	0.022%
22	13.863	1894	1900	1905	rBV	2183727	2978532	42.24%	4.364%
23	13.910	1905	1908	1914	rVB	487792	620139	8.80%	0.909%
24	14.151	1941	1949	1957	rBV	2271018	3402132	48.25%	4.985%
25	14.351	1979	1983	1988	rVB3	14894	21108	0.30%	0.031%
26	14.457	1993	2001	2010	rBV	1361192	1955632	27.74%	2.866%
27	14.651	2025	2034	2042	rBV	962906	1492134	21.16%	2.186%
28	14.727	2043	2047	2053	rVB3	44494	75538	1.07%	0.111%
29	14.874	2066	2072	2076	rBV6	23157	33683	0.48%	0.049%
30	14.963	2082	2087	2093	rVB5	14752	25371	0.36%	0.037%
31	15.280	2131	2141	2151	rBV	5178466	7050659	100.00%	10.331%
32	15.451	2163	2170	2183	rBV	2783183	4012512	56.91%	5.880%
33	15.568	2183	2190	2196	rBV	846174	1176326	16.68%	1.724%
34	15.692	2206	2211	2216	rVB3	31283	49472	0.70%	0.072%

LSC Area Percent Report

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Data File : BM000275.D
Acq On : 20 Jan 2015 22:47
Operator : TP/IZ
Sample : G1102-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

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-BM122914.M
Title : SVOA CALIBRATION

35	15.815	2223	2232	2243	rVB	713262	962396	13.65%	1.410%
36	16.592	2362	2364	2369	rVB3	7444	10528	0.15%	0.015%
37	16.986	2429	2431	2436	rVB5	10698	13626	0.19%	0.020%
38	17.198	2461	2467	2477	rBV	1587953	2245689	31.85%	3.291%
39	17.298	2477	2484	2492	rVV	3052779	4256362	60.37%	6.237%
40	17.386	2493	2499	2503	rVB7	22214	38553	0.55%	0.056%
41	17.698	2547	2552	2555	rBV5	7216	15807	0.22%	0.023%
42	17.962	2593	2597	2599	rBV3	8085	8057	0.11%	0.012%
43	18.086	2613	2618	2627	rBV	398435	661055	9.38%	0.969%
44	18.157	2628	2630	2636	rVB	29331	49488	0.70%	0.073%
45	18.386	2665	2669	2672	rBV6	12765	19746	0.28%	0.029%
46	18.421	2672	2675	2679	rVB6	16468	20548	0.29%	0.030%
47	18.515	2686	2691	2695	rBV7	13121	19536	0.28%	0.029%
48	18.756	2730	2732	2734	rBV3	9588	9198	0.13%	0.013%
49	19.227	2807	2812	2818	rBV3	65413	137523	1.95%	0.202%
50	19.368	2832	2836	2846	rBV2	193757	315689	4.48%	0.463%
51	19.480	2852	2855	2858	rBV	28933	32372	0.46%	0.047%
52	19.515	2858	2861	2868	rVB	155257	174580	2.48%	0.256%
53	19.598	2868	2875	2879	rBV	3160644	4488014	63.65%	6.576%
54	19.639	2879	2882	2889	rVB2	206968	325925	4.62%	0.478%
55	20.133	2964	2966	2972	rVB7	35919	45702	0.65%	0.067%
56	20.562	3036	3039	3043	rBV	124516	139013	1.97%	0.204%
57	20.627	3047	3050	3053	rVV5	37294	39798	0.56%	0.058%
58	21.092	3125	3129	3142	rBV	880262	1697248	24.07%	2.487%
59	21.292	3160	3163	3170	rVB	139563	176804	2.51%	0.259%
60	21.386	3174	3179	3184	rBV	1786865	2279662	32.33%	3.340%
61	21.497	3195	3198	3201	rBV2	121561	133150	1.89%	0.195%
62	21.968	3275	3278	3281	rVB3	69027	75935	1.08%	0.111%
63	22.439	3355	3358	3365	rVB2	117408	180111	2.55%	0.264%
64	22.574	3377	3381	3386	rBV2	103382	154589	2.19%	0.227%
65	23.533	3536	3544	3553	rBV2	2100011	4100795	58.16%	6.009%
66	23.674	3561	3568	3577	rVB	1095001	2167392	30.74%	3.176%

Sum of corrected areas: 68244711

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
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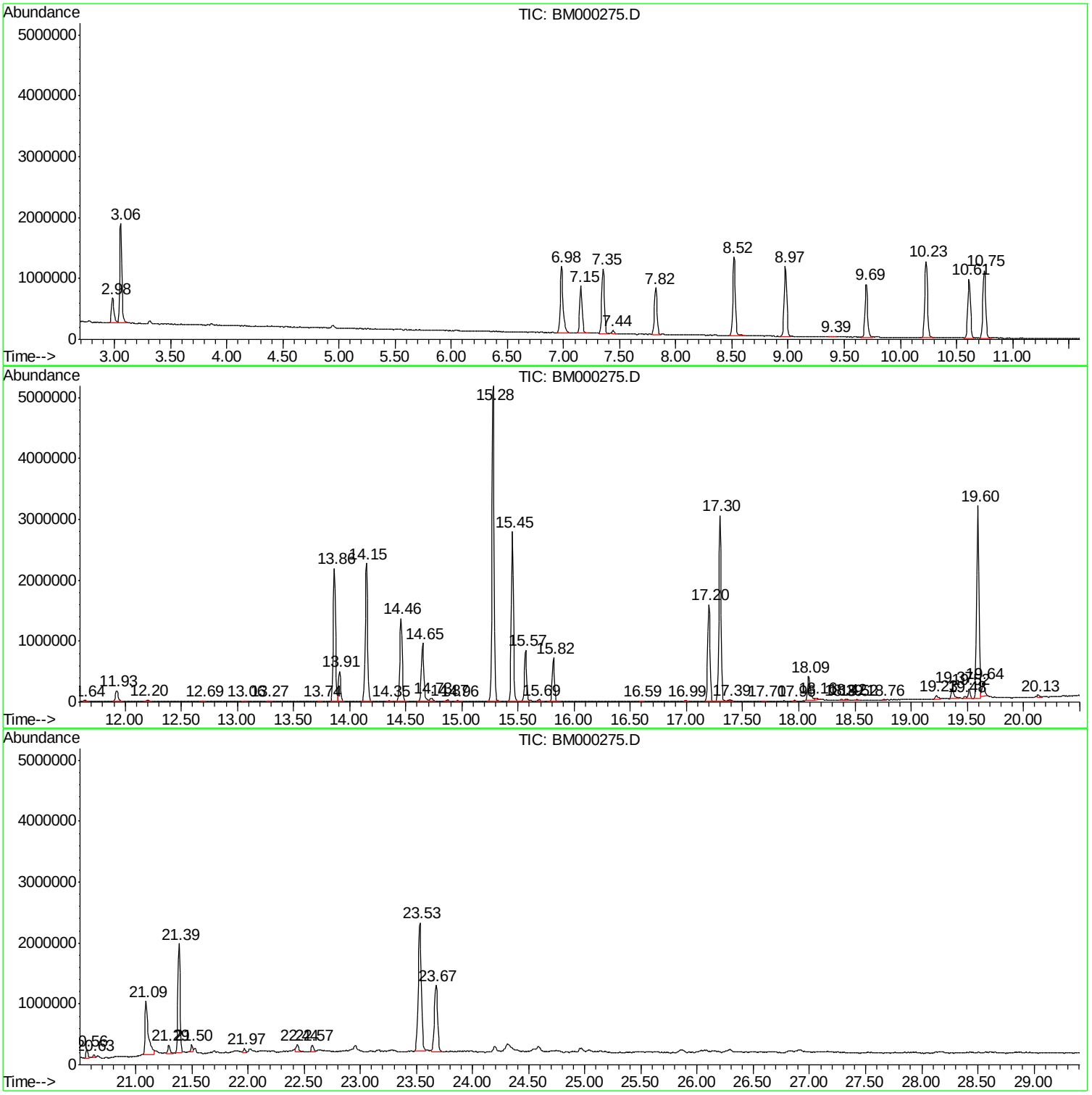
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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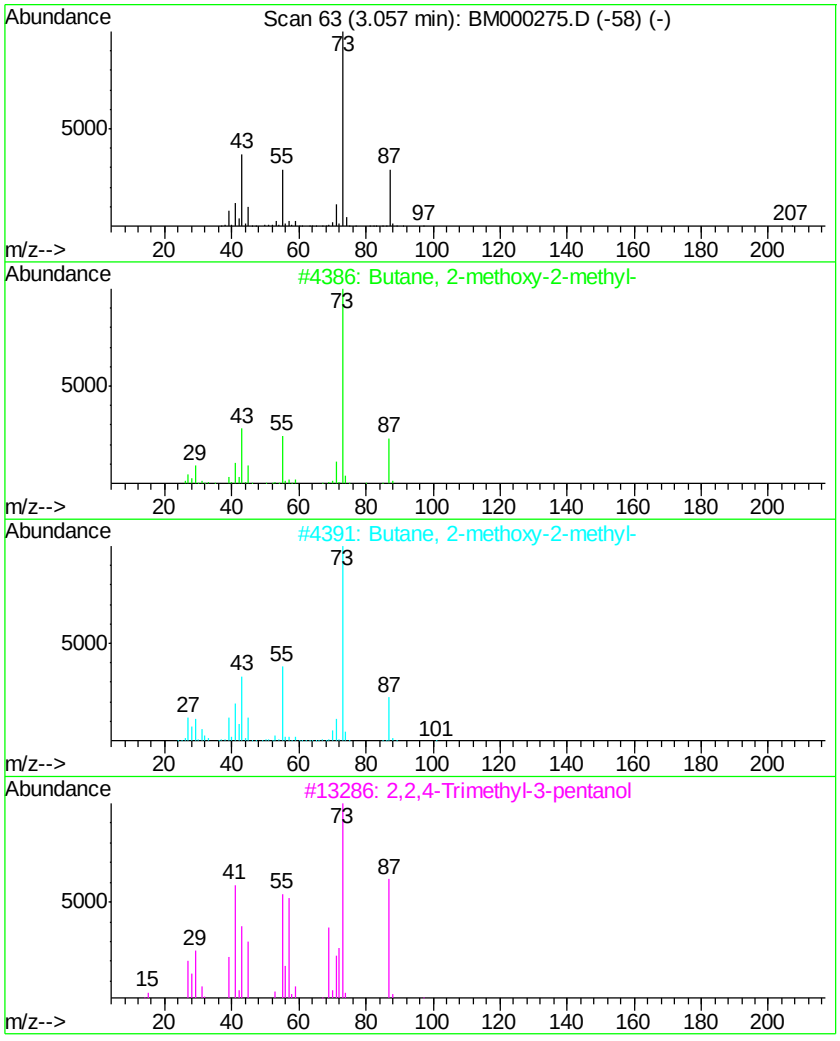
TIC Integration Parameters: LSCINT.P

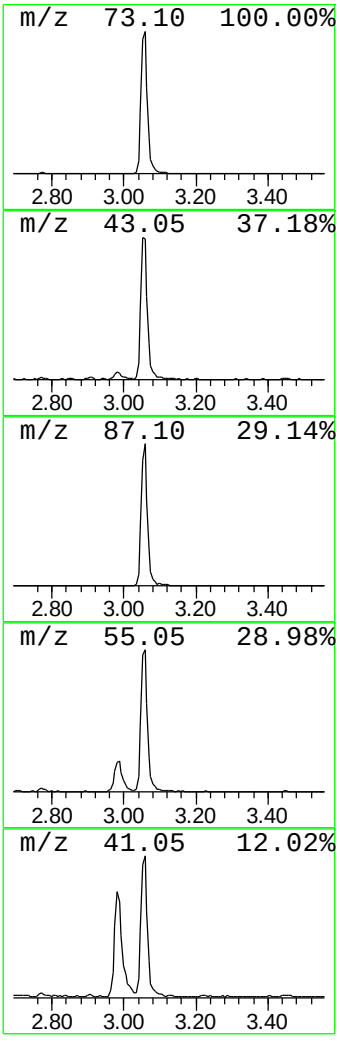
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	34.73 ng/ul	2065680	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	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
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





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000275.D
Acq On : 20 Jan 2015 22:47
Operator : TP/IZ
Sample : G1102-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

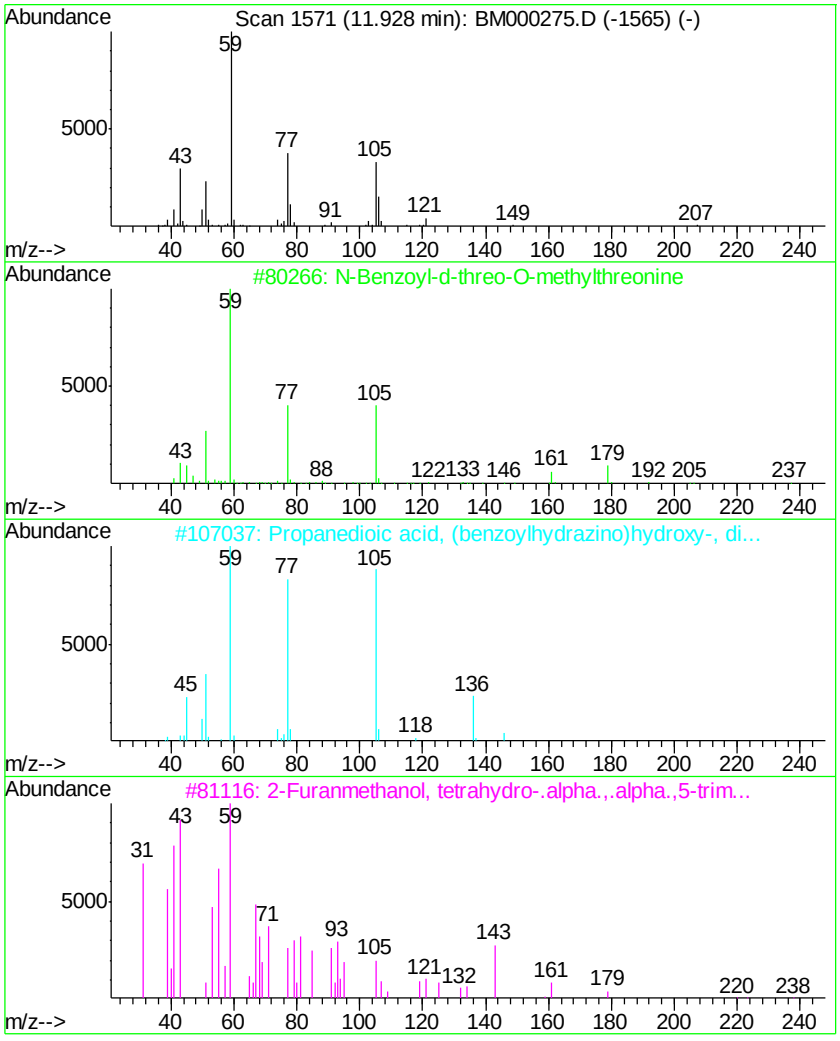
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

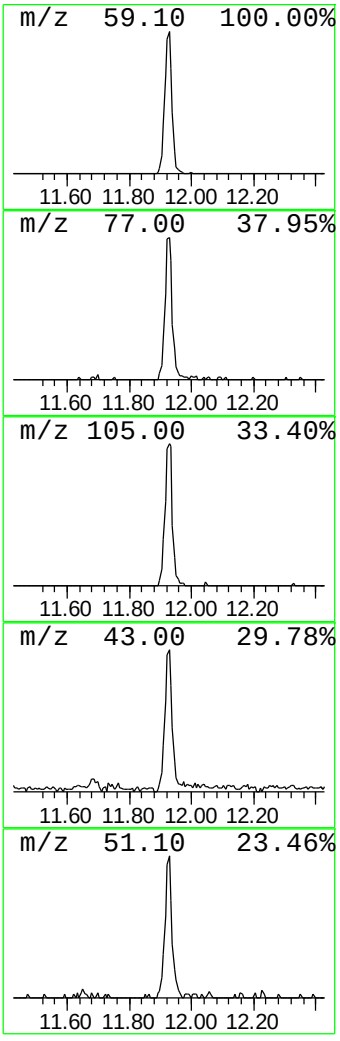
****

Peak Number 3 N-Benzoyl-d-threo-O-methylt... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.58 ng/ul	290813	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Benzoyl-d-threo-O-methylthreonine	237	C12H15NO4	131644-54-7	56
2	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	38
3	2-Furanmethanol, tetrahydro-.alp...	238	C15H26O2	026184-88-3	25
4	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
5	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	17





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Sample : G1102-07
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Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

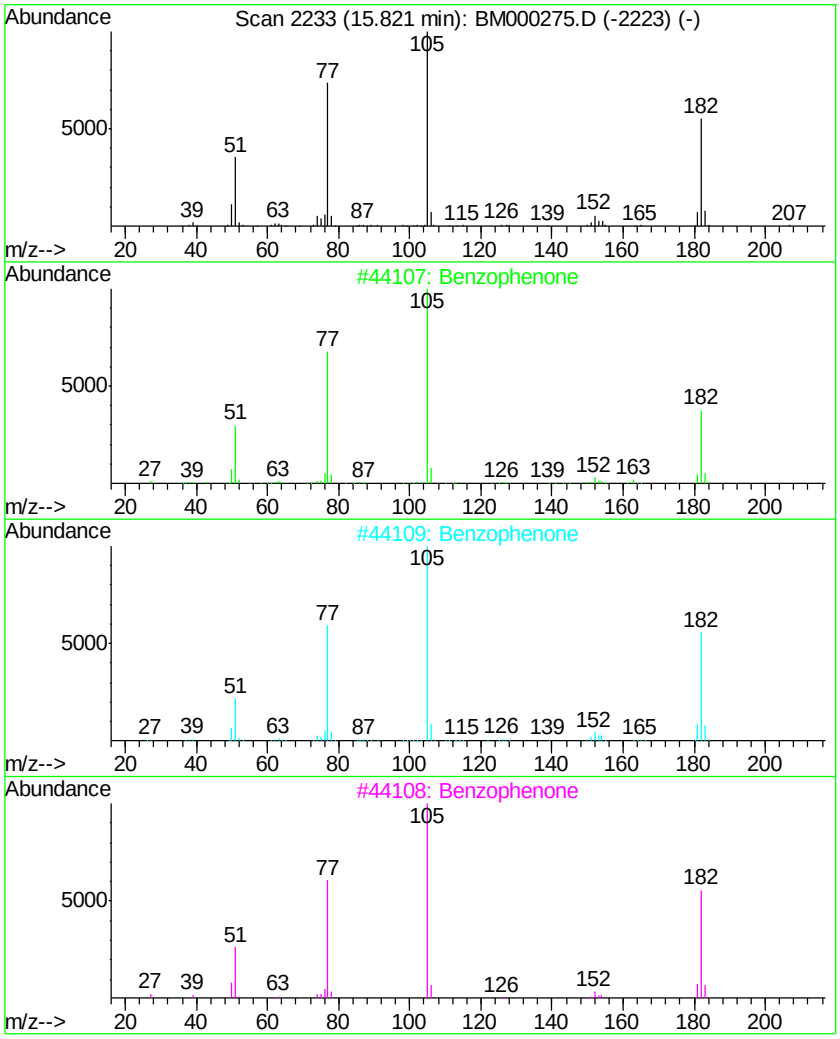
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

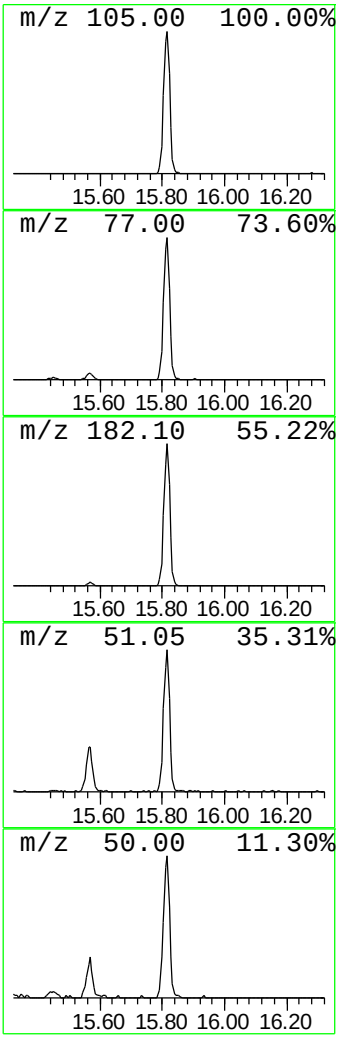
****

Peak Number 4 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	9.84 ng/ul	962396	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	97
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzophenone	182	C13H10O	000119-61-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000275.D
Acq On : 20 Jan 2015 22:47
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Instrument :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

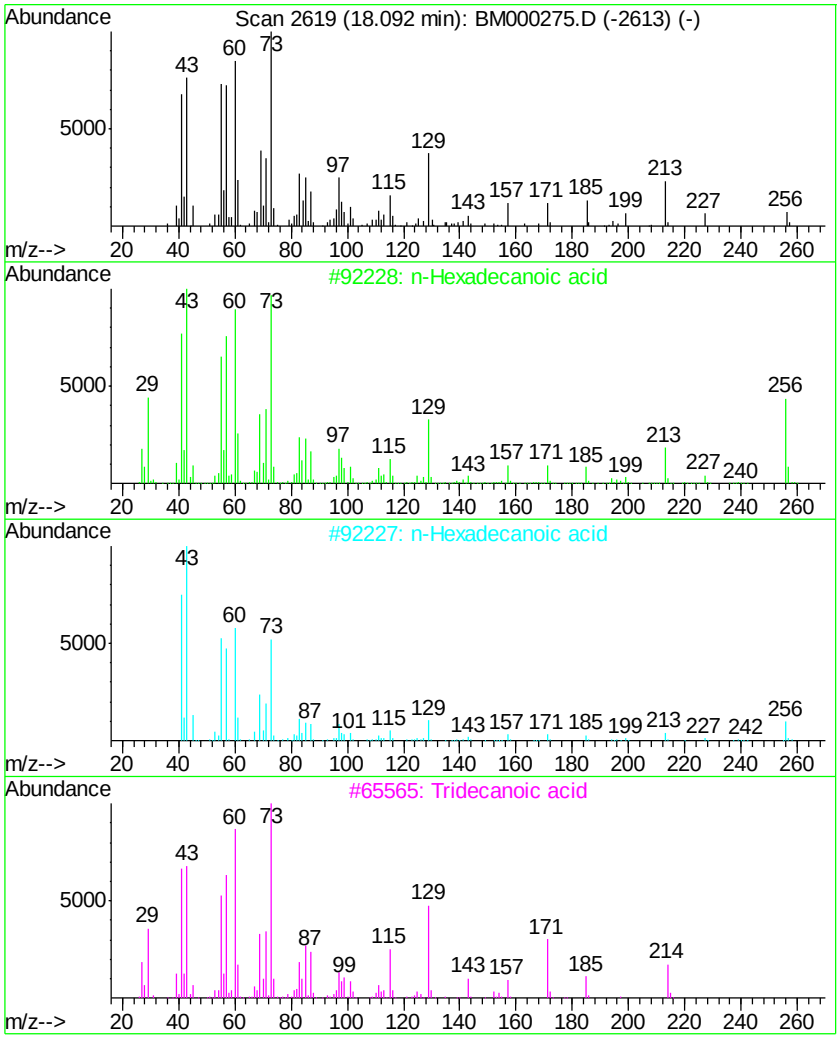
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

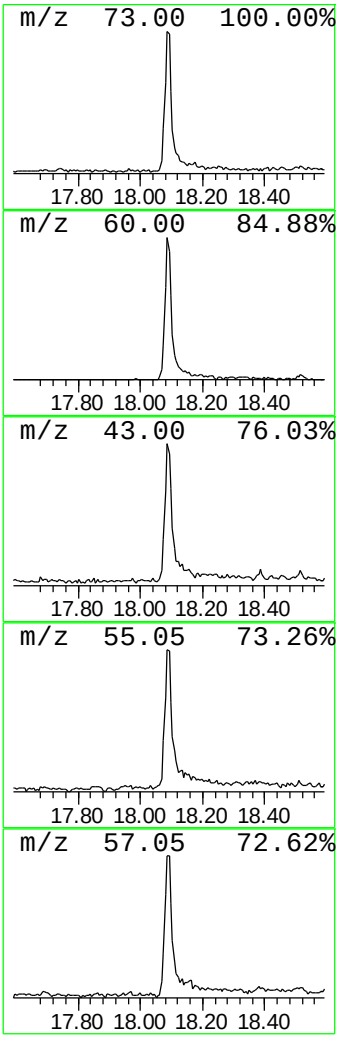
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.89 ng/ul	661055	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Instrument :
ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

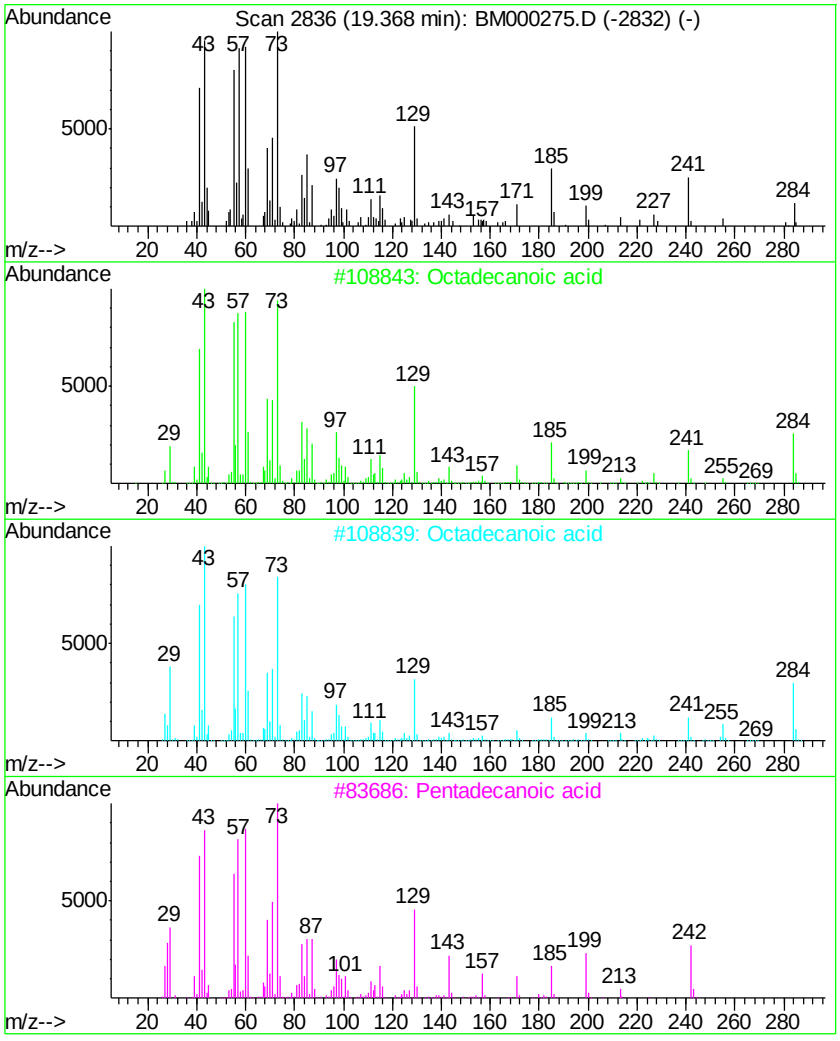
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

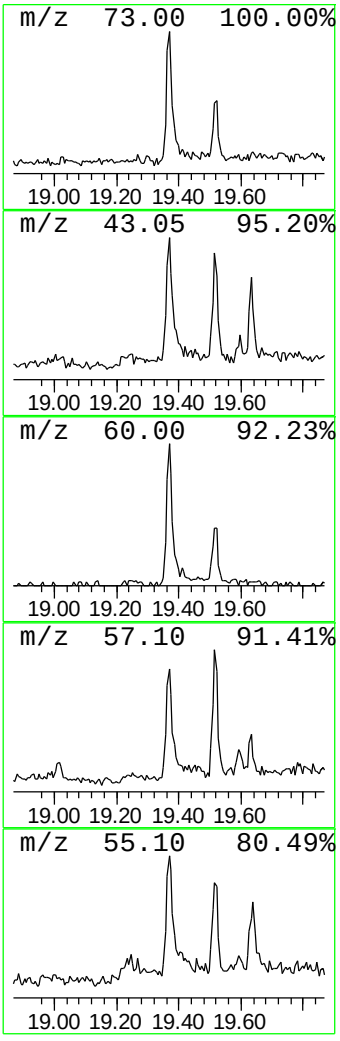
****

Peak Number 6 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.77 ng/ul	315689	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	83





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Sample : G1102-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

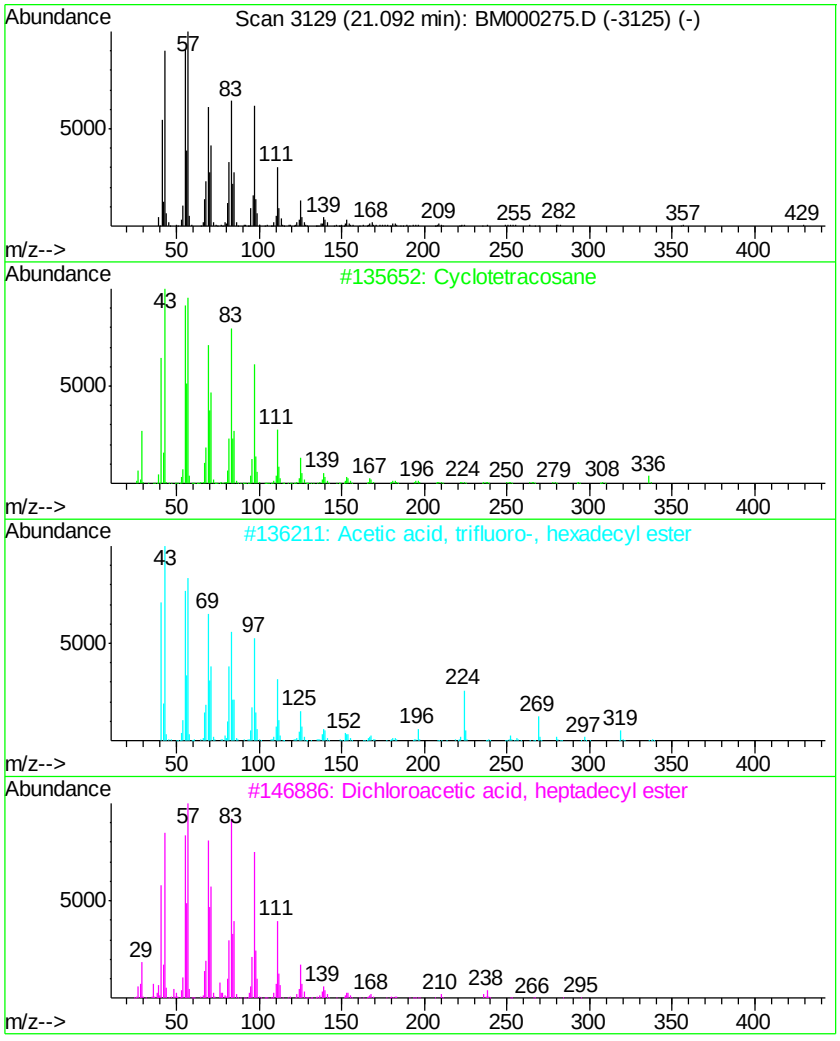
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

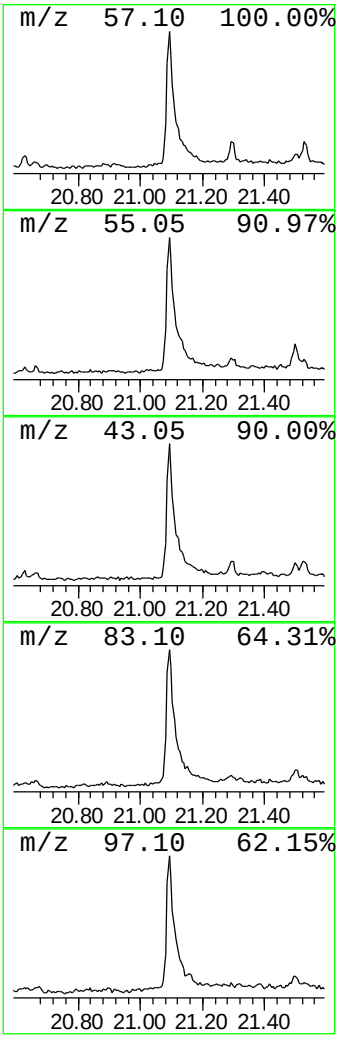
****

Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	14.89 ng/ul	1697250	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	91
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000275.D
Acq On : 20 Jan 2015 22:47
Operator : TP/IZ
Sample : G1102-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF9

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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...	3.06	34.7	ng/ul	2065680	1	7.82	1189540	20.0
N-Benzoyl-d-threo...	11.93	3.6	ng/ul	290813	2	10.61	1626310	20.0
Benzophenone	15.82	9.8	ng/ul	962396	3	14.46	1955630	20.0
n-Hexadecanoic acid	18.09	5.9	ng/ul	661055	4	17.20	2245690	20.0
Octadecanoic acid	19.37	2.8	ng/ul	315689	5	21.39	2279660	20.0
(DEL) Alkane: Cyclic	21.09	14.9	ng/ul	1697250	5	21.39	2279660	20.0