LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

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\SOM02.2-EPA-BM072715.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	5.681	506	509	514	rVB	5318	7263	0.17%	0.028%
2	6.769	689	694	702	rBB	60036	88733	2.03%	0.343%
3	6.934	716	722	731	rBB	223382	326433	7.45%	1.261%
4	7.128	749	755	763	rBB	246457	378651	8.64%	1.463%
5	7.598	827	835	841	rBV	367640	585508	13.36%	2.262%
6	7.657	841	845	851	rVB	35847	51004	1.16%	0.197%
7	8.304	950	955	965	rBB	159545	250348	5.71%	0.967%
8	8.416	970	974	979	rBB	9795	13919	0.32%	0.054%
9	8.563	996	999	1003	rBB2	4573	5742	0.13%	0.022%
10	8.692	1015	1021	1026	rBV	109559	169559	3.87%	0.655%
11	8.757	1026	1032	1039	rVB	281480	442424	10.10%	1.709%
12	9.328	1125	1129	1131	rBB	5003	6036	0.14%	0.023%
13	9.475	1147	1154	1161	rBB	245898	395740	9.03%	1.529%
14	9.639	1178	1182	1189	rBB3	3952	7314	0.17%	0.028%
15	10.010	1238	1245	1255	rBV	364019	587284	13.40%	2.269%
16	10.169	1268	1272	1278	rBB	9852	15139	0.35%	0.058%
17	10.386	1302	1309	1315	rBV	502618	833250	19.02%	3.219%
18	10.433	1315	1317	1322	rVB	12336	14377	0.33%	0.056%
19	11.039	1415	1420	1424	rBB2	4851	7556	0.17%	0.029%
20	12.039	1585	1590	1605	rBV	42035	87335	1.99%	0.337%
21	12.604	1679	1686	1698	rBB	17691	33816	0.77%	0.131%
22	12.704	1699	1703	1709	rBB2	5783	8020	0.18%	0.031%
23	12.851	1724	1728	1735	rBV	35652	50990	1.16%	0.197%
24	13.180	1780	1784	1789	rVB	8999	12365	0.28%	0.048%
25	13.674	1861	1868	1874	rBV	676044	940728	21.47%	3.634%
26	13.951	1906	1915	1924	rBB	748850	1075389	24.55%	4.154%
27	14.121	1941	1944	1948	rBB	3693	4807	0.11%	0.019%
28	14.263	1961	1968	1975	rBB2	752915	1155028	26.36%	4.462%
29	14.474	1999	2004	2013	rBV2	48676	73173	1.67%	0.283%
30	14.686	2037	2040	2045	rVB4	3507	4454	0.10%	0.017%
31	14.857	2065	2069	2074	rVB	10506	12711	0.29%	0.049%
32	14.980	2087	2090	2093	rVV	5803	8872	0.20%	0.034%
33	15.057	2099	2103	2106	rBV	12896	16481	0.38%	0.064%
34	15.086	2106	2108	2113	rVB	14633	15621	0.36%	0.060%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

35	15.257	2130	2137	2144	rBV	995886	1406391	32.10%	5.433%
36	15.386	2154	2159	2167	rBV	333684	442846	10.11%	1.711%
37	15.498	2173	2178	2181	rBB	3197	4626	0.11%	0.018%
38	15.627	2195	2200	2203	rVB	4900	5417	0.12%	0.021%
39	16.415	2330	2334	2343	rBV	66600	87585	2.00%	0.338%
40	16.509	2346	2350	2361	rVV	43469	51563	1.18%	0.199%
41	17.009	2428	2435	2440	rBV	1020565	1411263	32.21%	5.452%
42	17.051	2440	2442	2445	rVV	6619	6380	0.15%	0.025%
43	17.109	2445	2452	2462	rVV	1047890	1477765	33.73%	5.709%
44	17.298	2477	2484	2490	rVB2	7433	13062	0.30%	0.050%
45	17.674	2543	2548	2555	rBV	140492	171573	3.92%	0.663%
46	17.815	2564	2572	2576	rBV4	4069	8779	0.20%	0.034%
47	17.933	2582	2592	2620	rBV	2555995	4381251	100.00%	16.926%
48	18.145	2625	2628	2633	rVB4	6440	10885	0.25%	0.042%
49	18.245	2640	2645	2651	rVB8	5228	10372	0.24%	0.040%
50	18.392	2667	2670	2675	rVB5	2698	4642	0.11%	0.018%
51	18.698	2717	2722	2724	rBV3	4967	6274	0.14%	0.024%
52	19.051	2777	2782	2783	rBV	49248	49530	1.13%	0.191%
53	19.080	2783	2787	2790	rBV2	145303	187368	4.28%	0.724%
54	19.198	2804	2807	2820	rVV	247559	353817	8.08%	1.367%
55	19.298	2820	2824	2827	rVB	11295	16077	0.37%	0.062%
56	19.409	2837	2843	2852	rVB	1398366	1876706	42.83%	7.250%
57	19.639	2880	2882	2888	rVB4	3808	5416	0.12%	0.021%
58	20.197	2974	2977	2982	rBV6	3442	6886	0.16%	0.027%
59	20.415	3007	3014	3016	rBV5	6641	13360	0.30%	0.052%
60	20.756	3070	3072	3078	rVB3	10748	11039	0.25%	0.043%
61	21.003	3110	3114	3117	rVB2	17123	20362	0.46%	0.079%
62	21.121	3132	3134	3137	rVB3	7048	6971	0.16%	0.027%
63	21.209	3143	3149	3156	rBV	1506377	1853923	42.31%	7.162%
64	22.233	3318	3323	3334	rBV	310887	413421	9.44%	1.597%
65	22.727	3404	3407	3414	rVB3	15786	23254	0.53%	0.090%
66	23.268	3491	3499	3509	rBV	1039452	1844613	42.10%	7.126%
67	23.409	3515	3523	3533	rBV	1003686	1841715	42.04%	7.115%
68	23.903	3602	3607	3614	rVB3	28070	51208	1.17%	0.198%
69	24.627	3725	3730	3738	rVB4	31911	62955	1.44%	0.243%
70	25.474	3868	3874	3883	rVB3	24160	59857	1.37%	0.231%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

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\SOM02.2-EPA-BM072715.M
Title : SVOA CALIBRATION

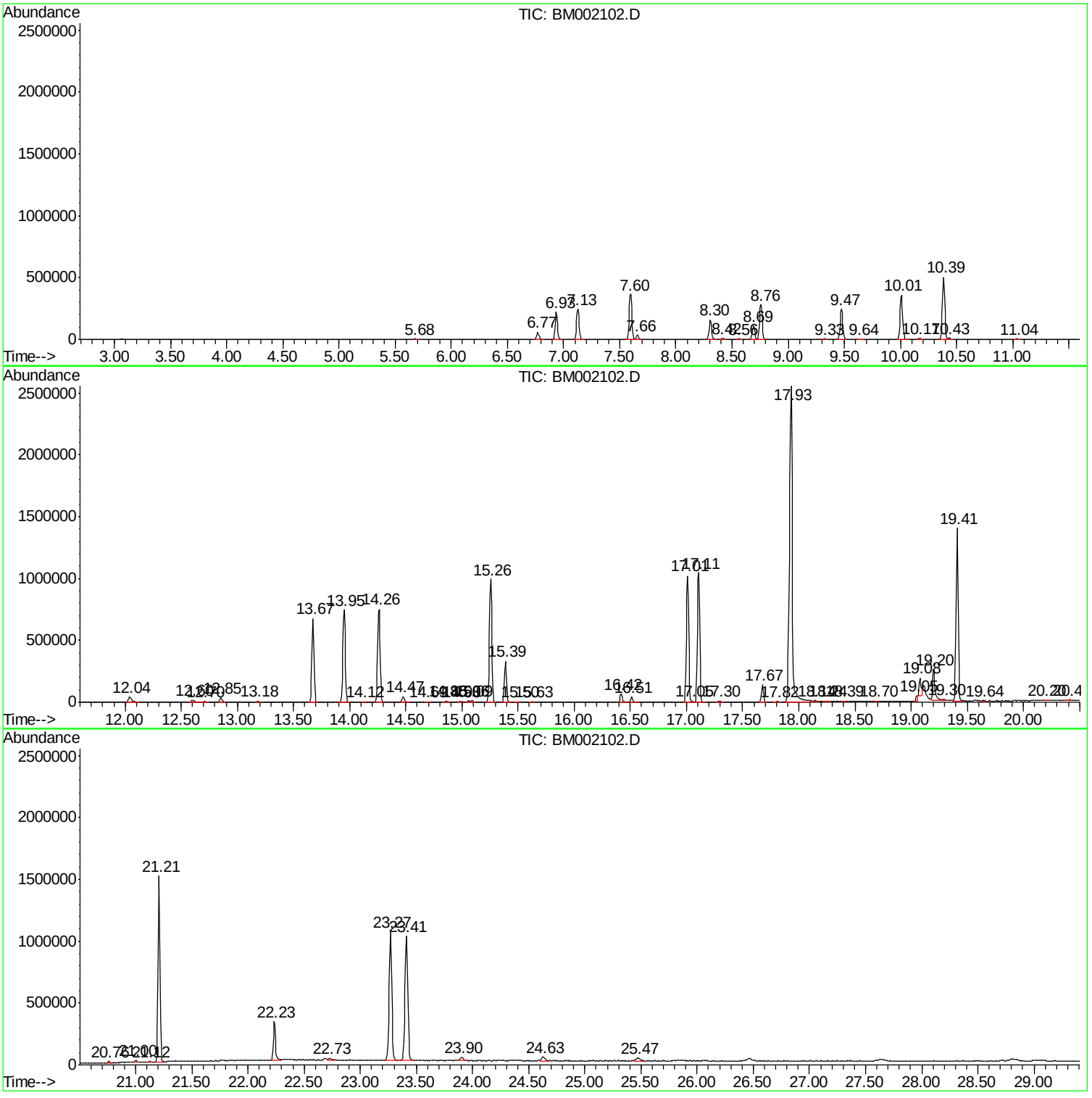
Sum of corrected areas: 25885222

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

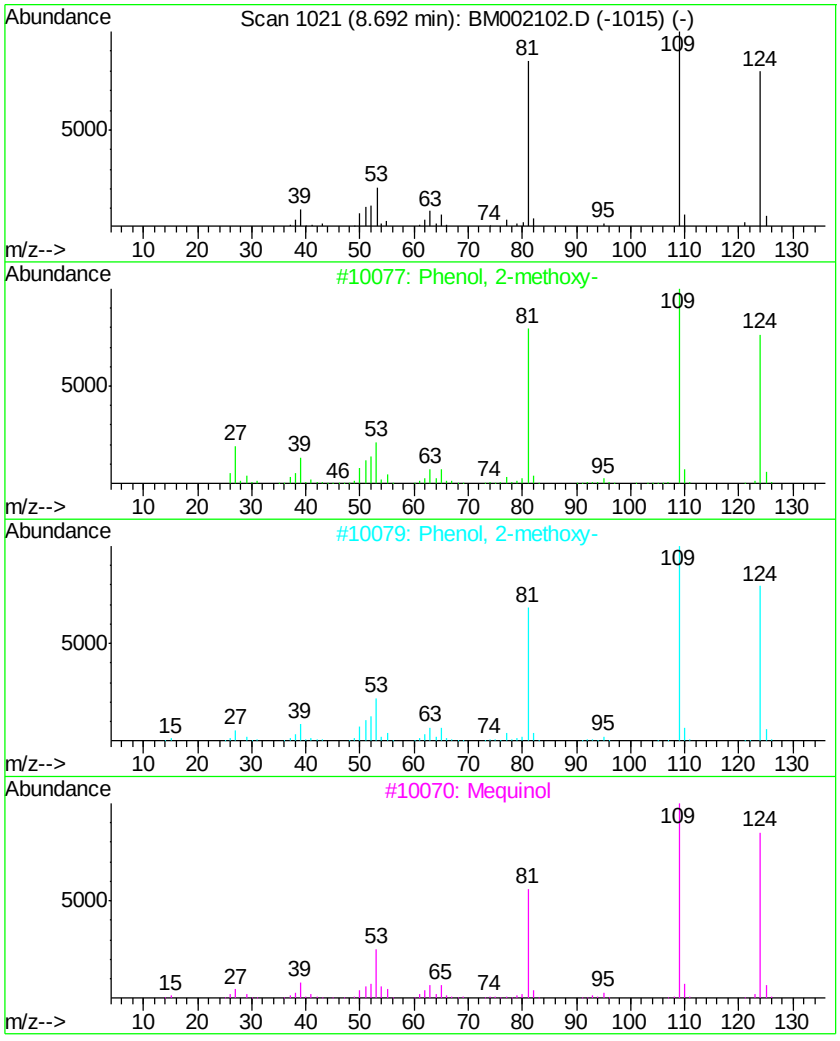
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

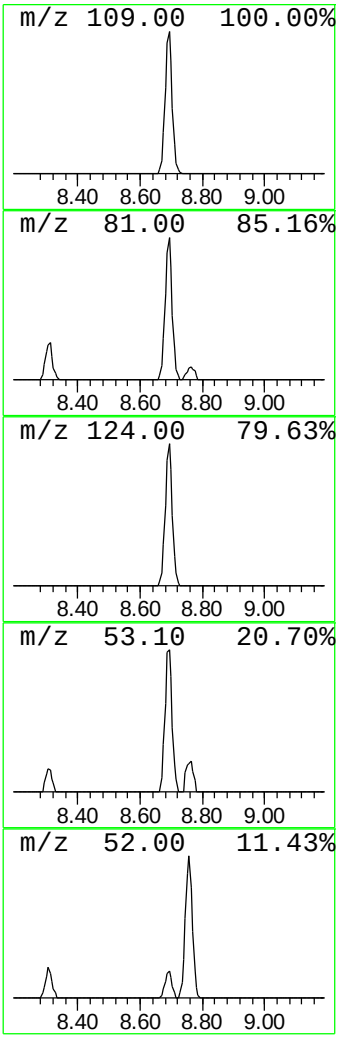
****

Peak Number 1 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	5.79 ng/ul	169559	1,4-Dichlorobenzene-d4	7.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	96
3	Mequinol	124	C7H8O2	000150-76-5	91
4	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90
5	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

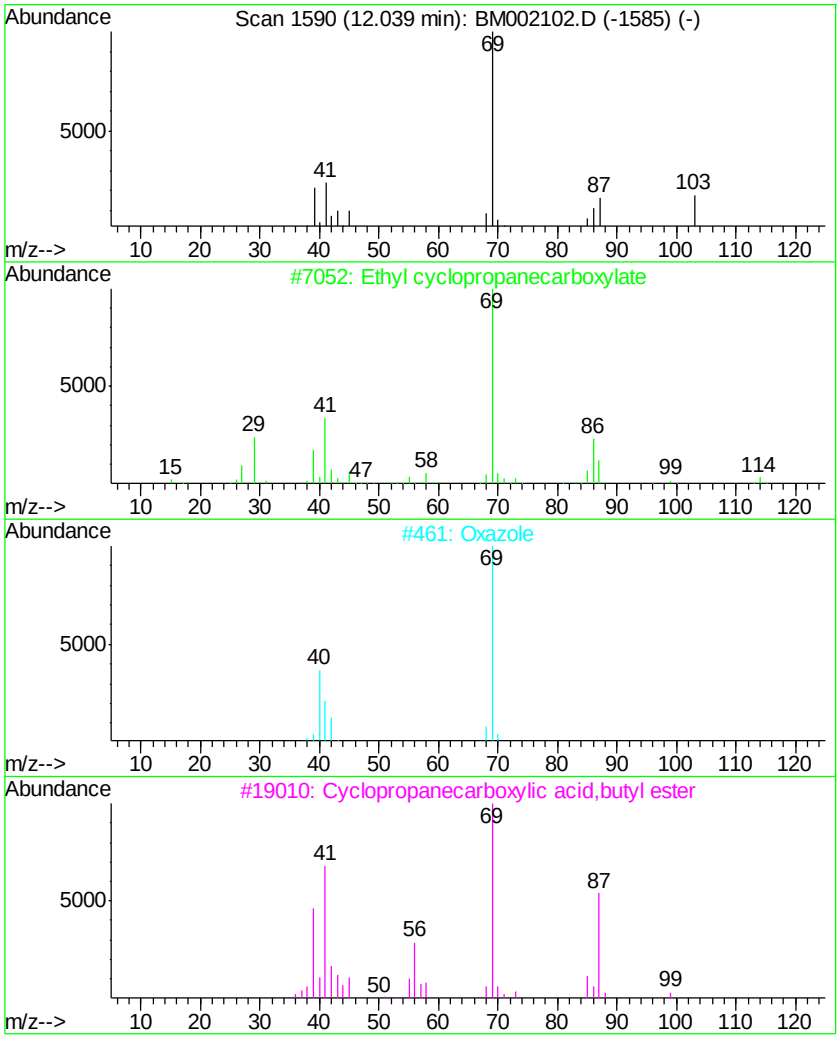
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

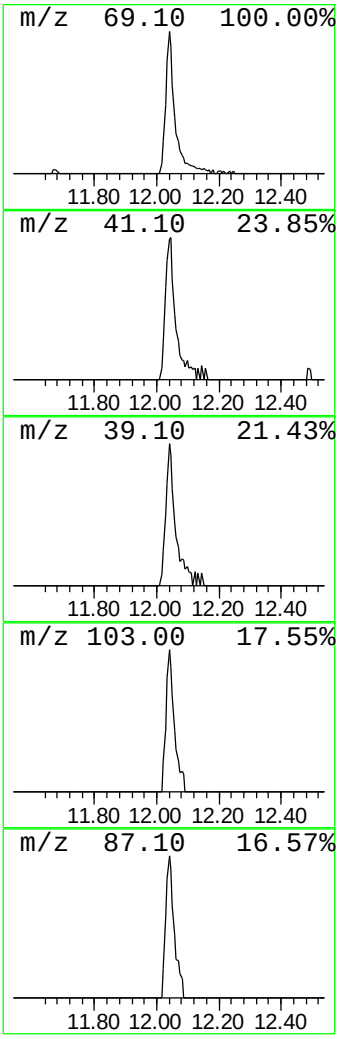
****

Peak Number 2 Ethyl cyclopropanecarboxylate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	2.10 ng/ul	87335	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	56
2	Oxazole	69	C3H3NO	000288-42-6	9
3	Cyclopropanecarboxylic acid,butyl...	142	C8H14O2	054947-39-6	9
4	Oxazole	69	C3H3NO	000288-42-6	5
5	Isoxazole	69	C3H3NO	000288-14-2	4





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

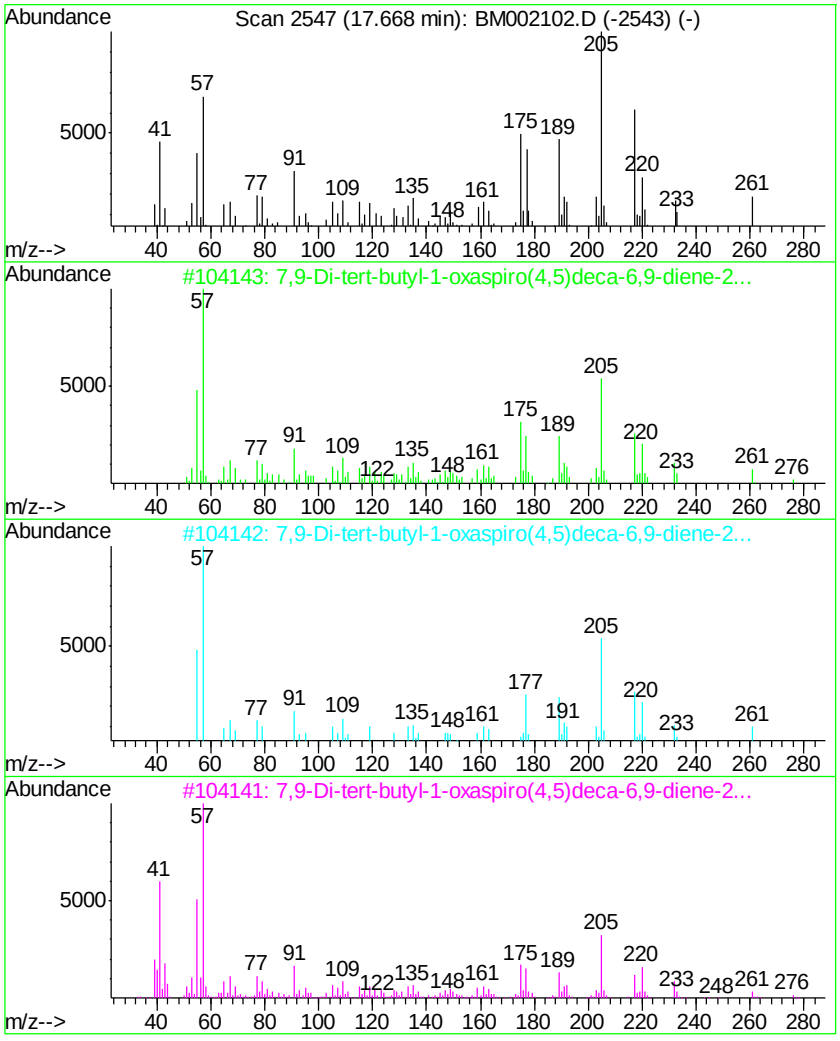
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

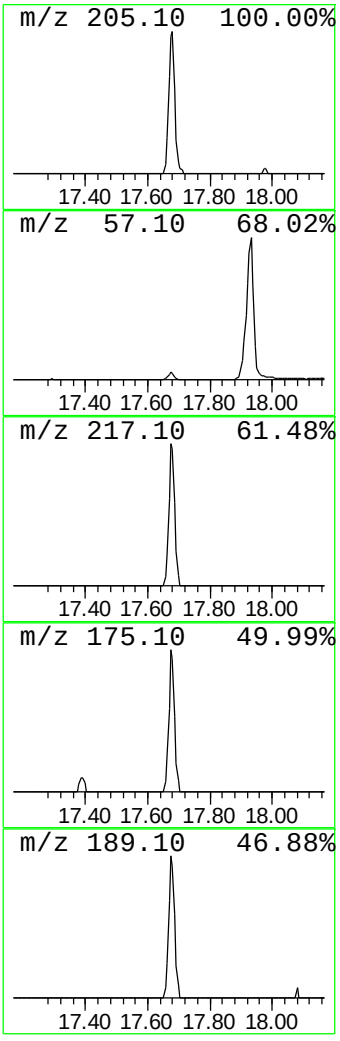
****

Peak Number 3 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.67	2.43 ng/ul	171573	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	87
3	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	81
4	2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	72
5	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

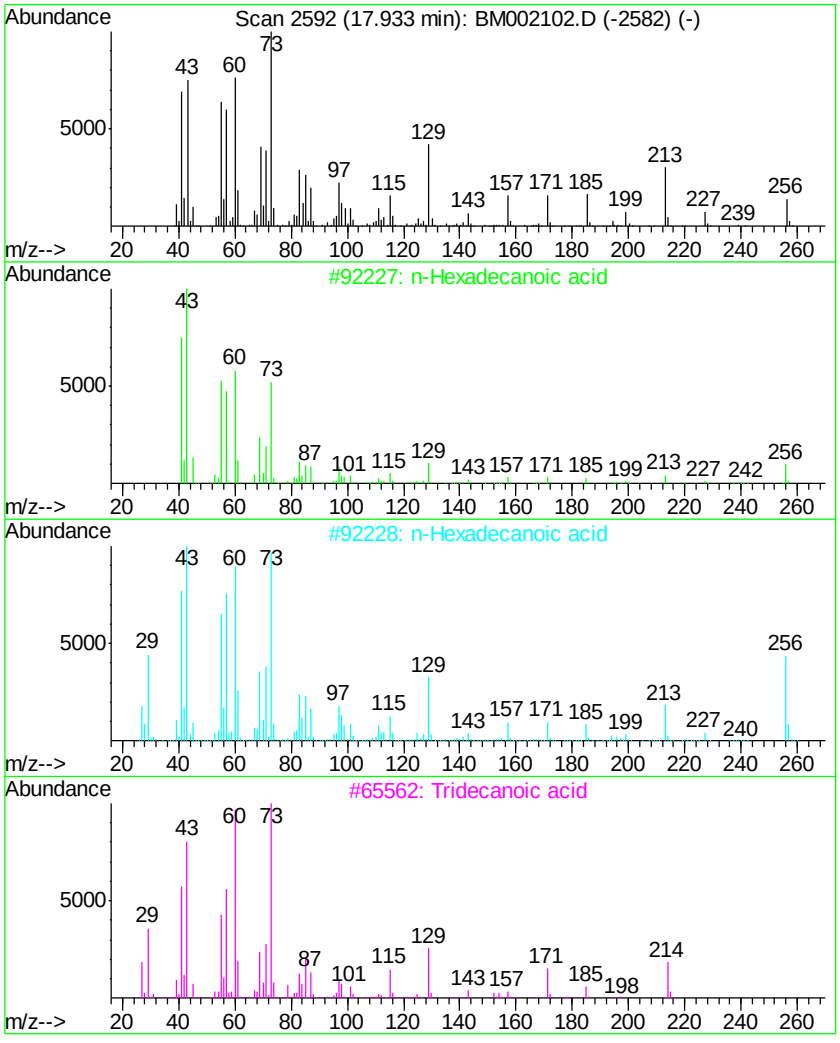
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

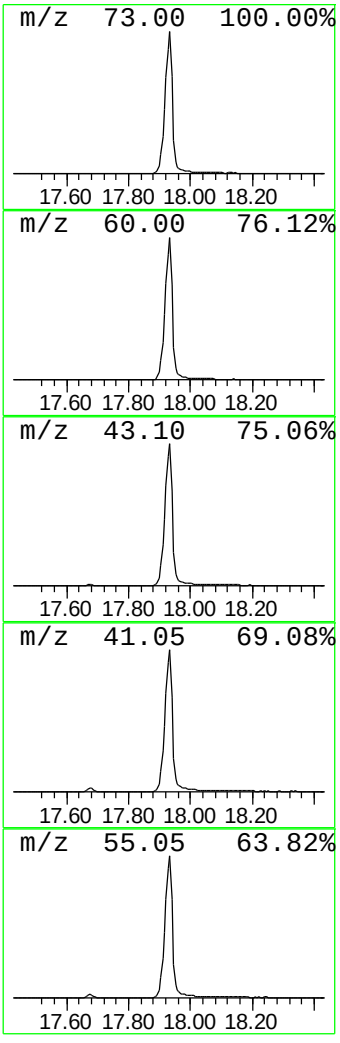
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	62.09 ng/ul	4381250	Phenanthrene-d10	17.01

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	98
3	Tridecanoic acid	214	C13H26O2	000638-53-9	91
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Tridecanoic acid	214	C13H26O2	000638-53-9	86





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

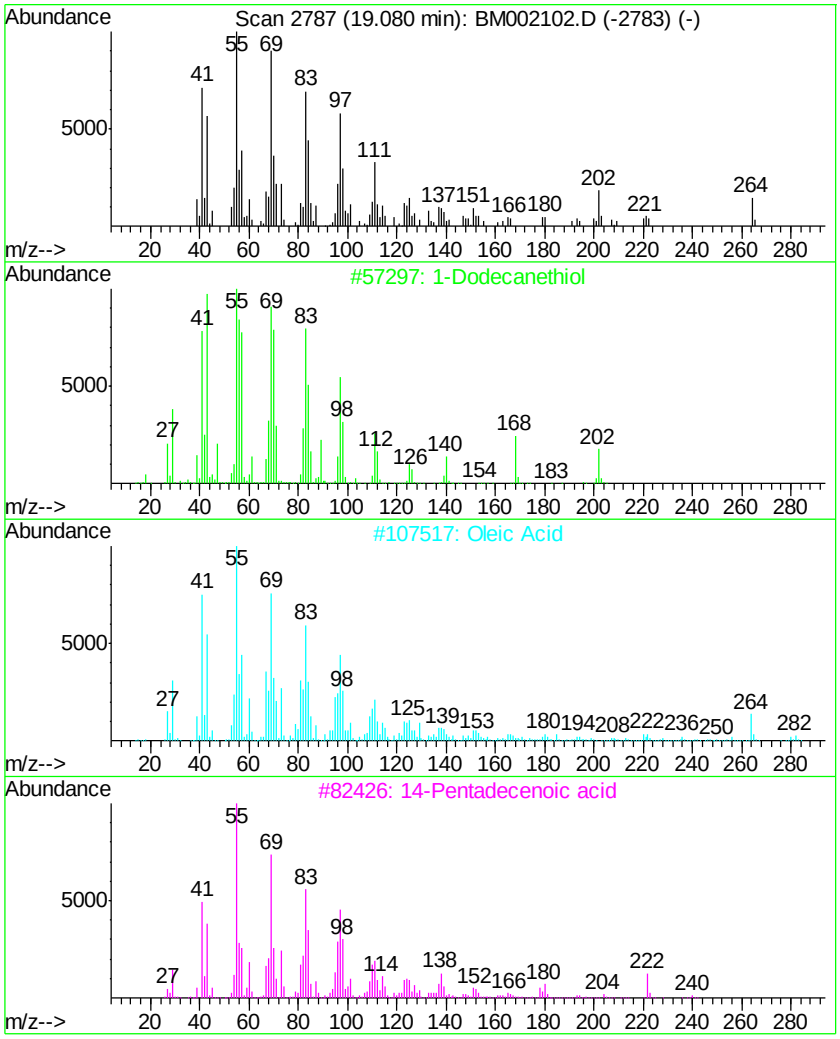
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

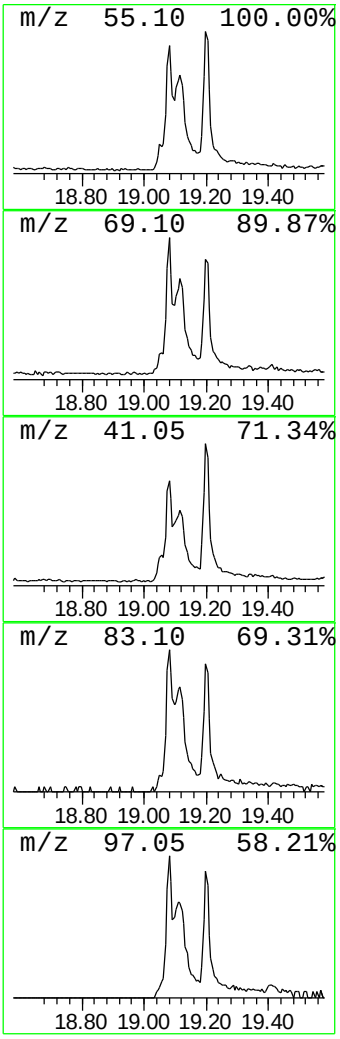
****

Peak Number 5 1-Dodecanethiol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	2.66 ng/ul	187368	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecanethiol	202	C12H26S	000112-55-0	90
2	Oleic Acid	282	C18H34O2	000112-80-1	72
3	14-Pentadecenoic acid	240	C15H28O2	017351-34-7	46
4	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
5	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

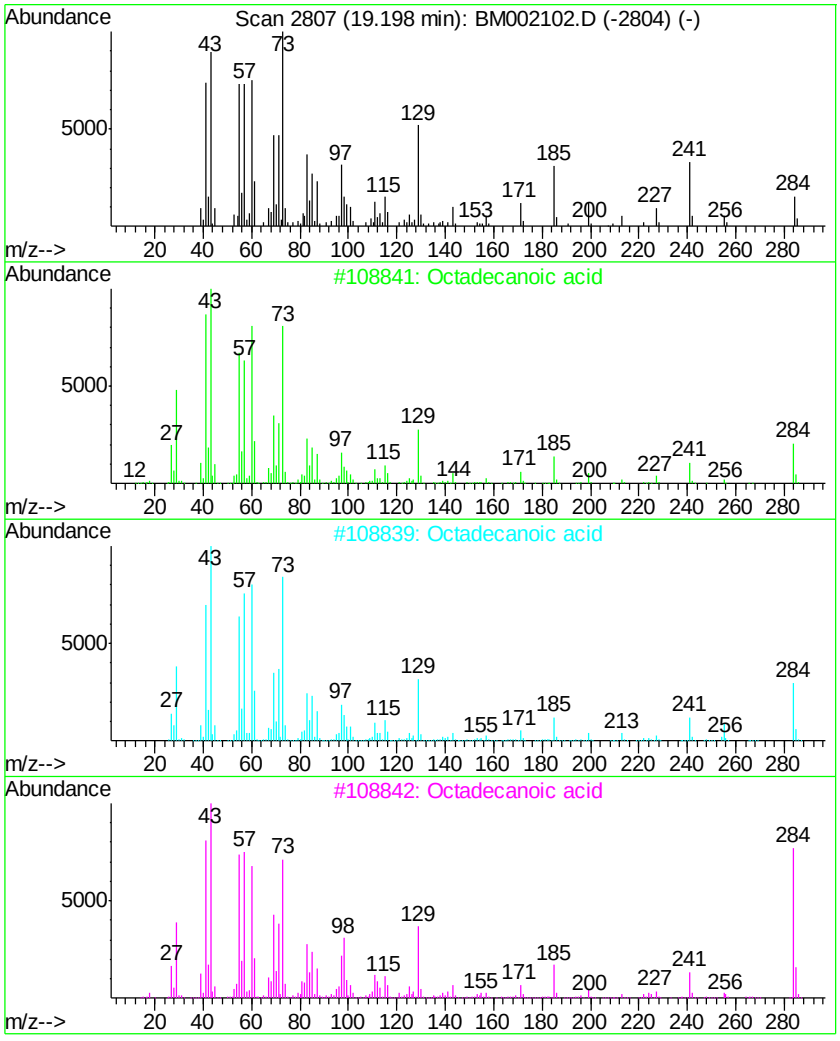
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

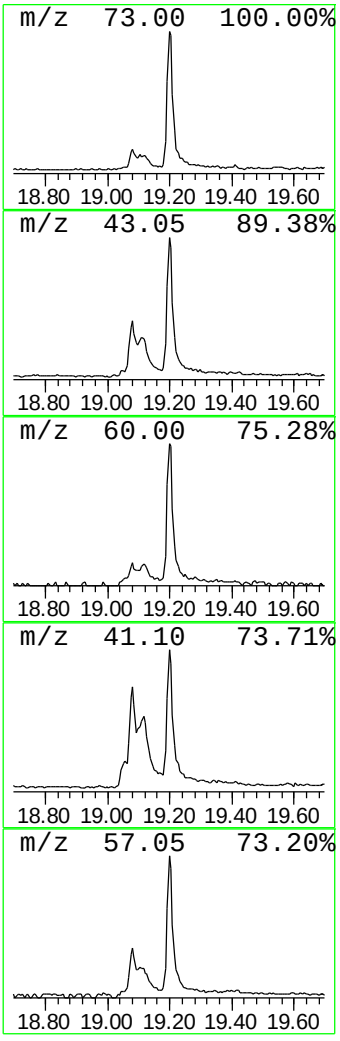
****

Peak Number 6 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	3.82 ng/ul	353817	Chrysene-d12	21.21

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	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	92
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.M
Quant Title : SVOA CALIBRATION

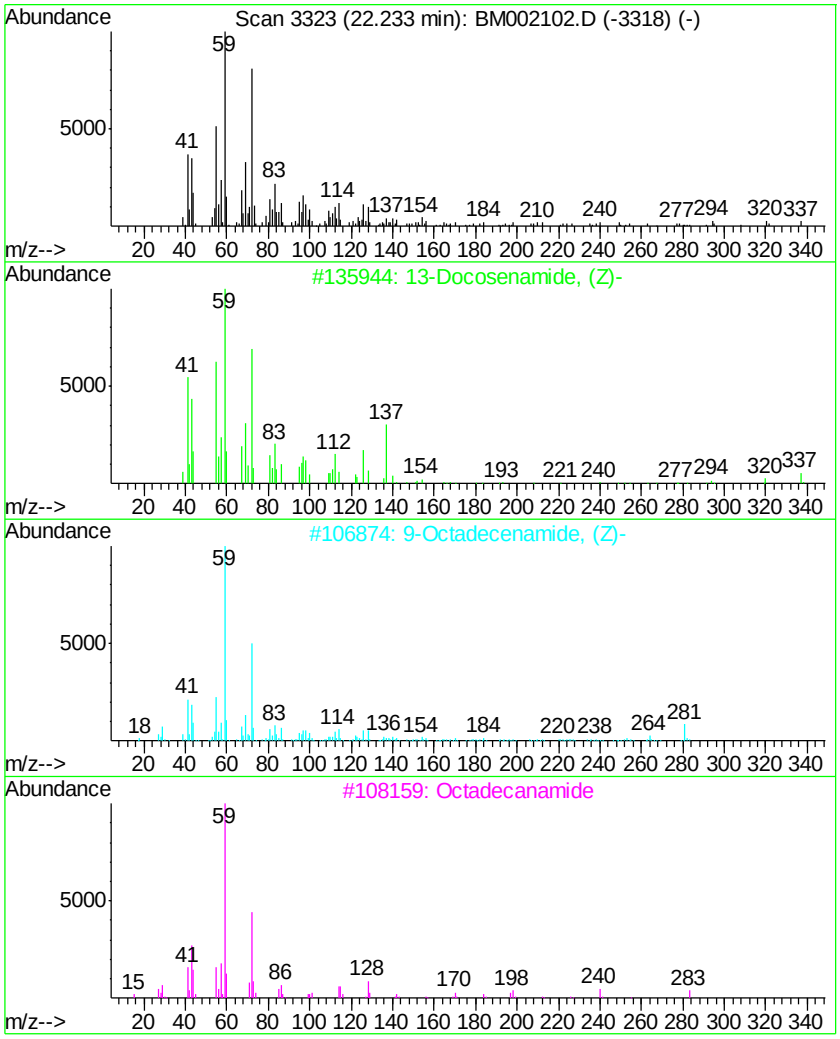
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

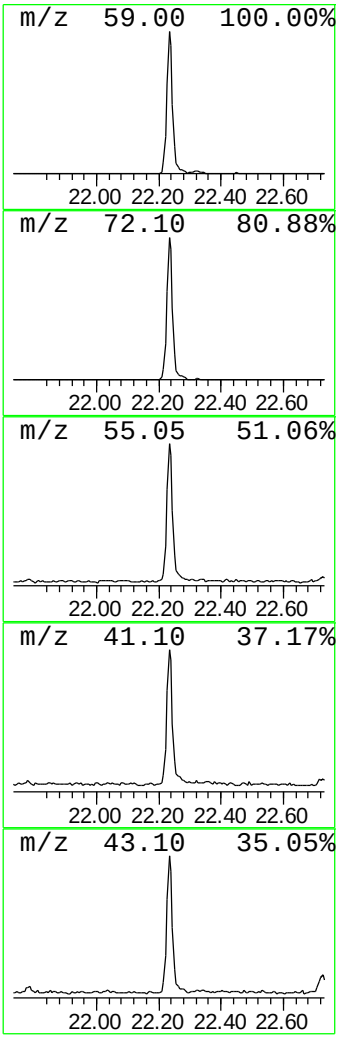
****

Peak Number 7 13-Docosenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.23	4.46 ng/ul	413421	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
2	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
3	Octadecanamide	283	C18H37NO	000124-26-5	47
4	Decanamide-	171	C10H21NO	002319-29-1	43
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072815\
Data File : BM002102.D
Acq On : 28 Jul 2015 20:09
Operator : TP/UM
Sample : G3002-10
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C02N7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072715.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
Phenol, 2-methoxy-	8.69	5.8	ng/ul	169559	1	7.60	585508	20.0
Ethyl cyclopropan...	12.04	2.1	ng/ul	87335	2	10.39	833250	20.0
7,9-Di-tert-butyl...	17.67	2.4	ng/ul	171573	4	17.01	1411260	20.0
n-Hexadecanoic acid	17.93	62.1	ng/ul	4381250	4	17.01	1411260	20.0
1-Dodecanethiol	19.08	2.7	ng/ul	187368	4	17.01	1411260	20.0
Octadecanoic acid	19.20	3.8	ng/ul	353817	5	21.21	1853920	20.0
13-Docosenamide, ...	22.23	4.5	ng/ul	413421	5	21.21	1853920	20.0