LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_G\METHODS\8270-BG050515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.917	34	39	48	rBV	294789	462256	12.12%	1.945%
2	2.993	48	52	66	rVB	548677	684810	17.95%	2.881%
3	4.909	374	378	384	rBV2	45663	65030	1.70%	0.274%
4	5.373	451	457	466	rVB	503759	712899	18.69%	2.999%
5	6.959	720	727	737	rBV	355458	562790	14.75%	2.368%
6	7.323	781	789	798	rBV	911587	1437176	37.68%	6.047%
7	7.788	862	868	875	rBV	234095	371291	9.73%	1.562%
8	8.111	915	923	931	rBV	754083	1174848	30.80%	4.943%
9	8.945	1058	1065	1072	rBV	701052	1154388	30.26%	4.857%
10	10.584	1336	1344	1351	rVB	343002	561558	14.72%	2.363%
11	12.699	1699	1704	1712	rBV5	19085	39815	1.04%	0.168%
12	13.052	1756	1764	1772	rBV	1815272	2571614	67.42%	10.820%
13	14.427	1991	1998	2005	rBV2	532416	838094	21.97%	3.526%
14	14.873	2061	2074	2087	rBV	1071751	2034557	53.34%	8.560%
15	15.919	2245	2252	2260	rBV	1583959	2358639	61.83%	9.923%
16	16.195	2294	2299	2303	rVB2	108586	146726	3.85%	0.617%
17	16.930	2421	2424	2427	rBV	43563	56055	1.47%	0.236%
18	17.171	2457	2465	2474	rBV2	765397	1074377	28.17%	4.520%
19	17.952	2592	2598	2601	rBV8	22466	47366	1.24%	0.199%
20	18.070	2613	2618	2626	rBV2	291772	417254	10.94%	1.756%
21	18.146	2628	2631	2635	rVB6	25020	38687	1.01%	0.163%
22	19.204	2806	2811	2813	rBV5	29748	45461	1.19%	0.191%
23	19.345	2831	2835	2844	rBV	190591	285297	7.48%	1.200%
24	19.797	2906	2912	2917	rBV	3154910	3814514	100.00%	16.049%
25	20.667	3057	3060	3065	rVB	54639	62044	1.63%	0.261%
26	21.054	3123	3126	3133	rVB	119966	160964	4.22%	0.677%
27	21.348	3170	3176	3185	rBV	875455	1152516	30.21%	4.849%
28	22.500	3367	3372	3377	rBV	247400	358604	9.40%	1.509%
29	23.640	3559	3566	3574	rVB	573261	1078600	28.28%	4.538%

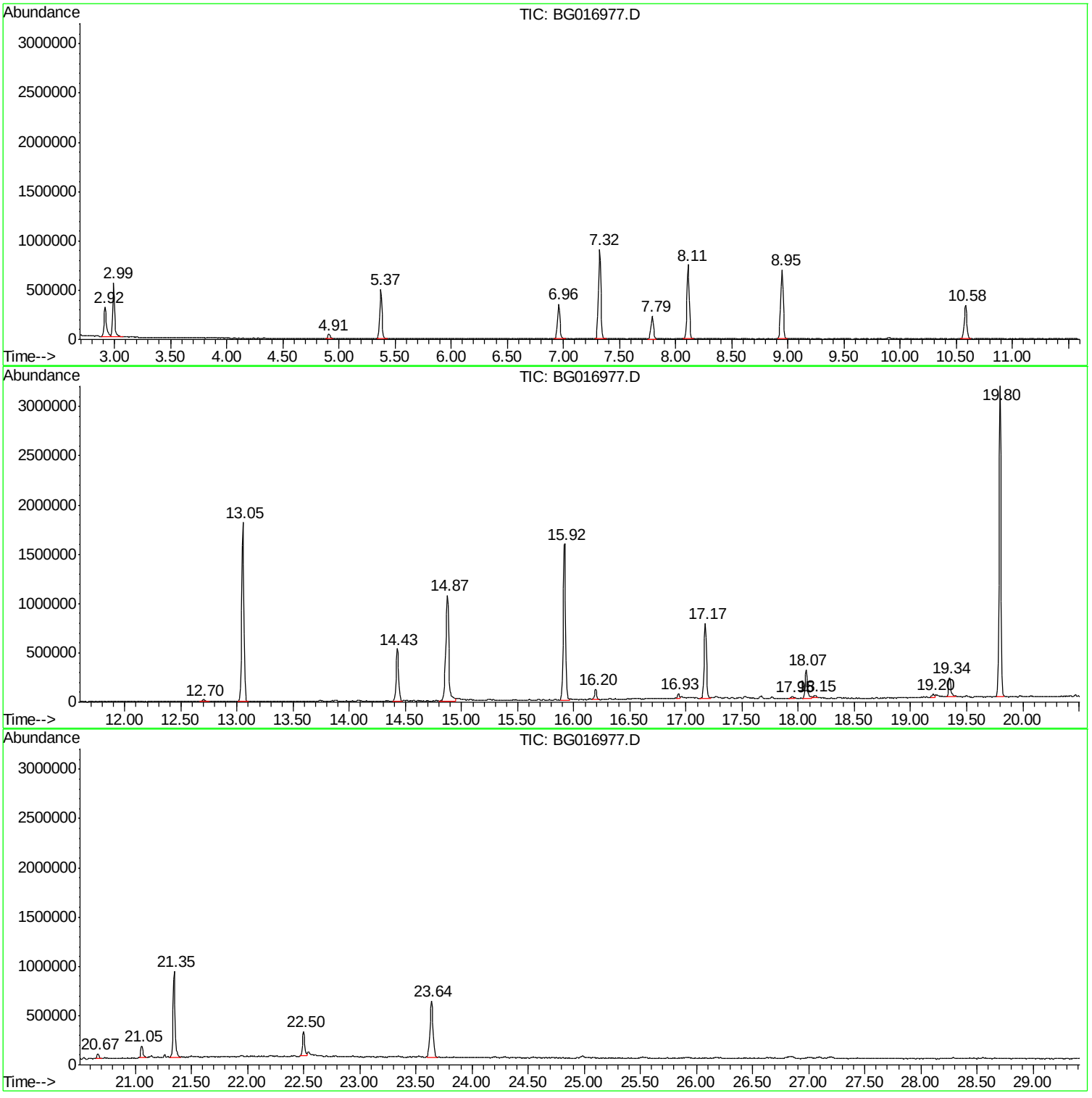
Sum of corrected areas: 23768230

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

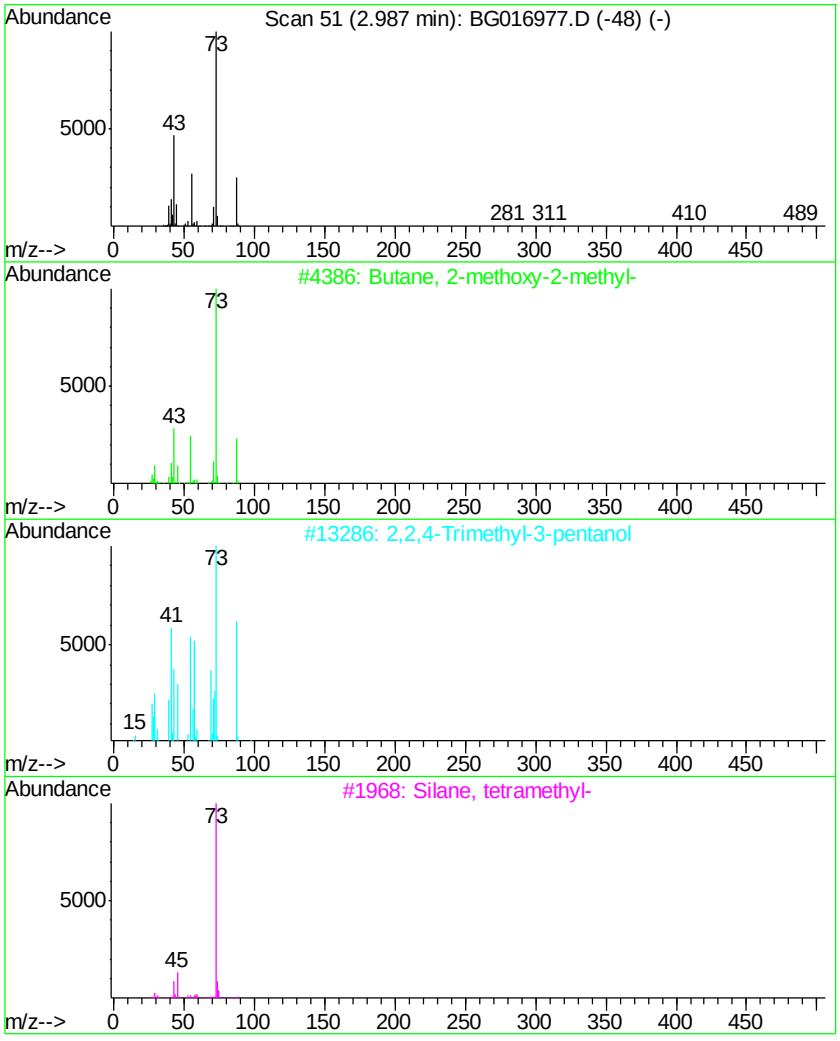
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

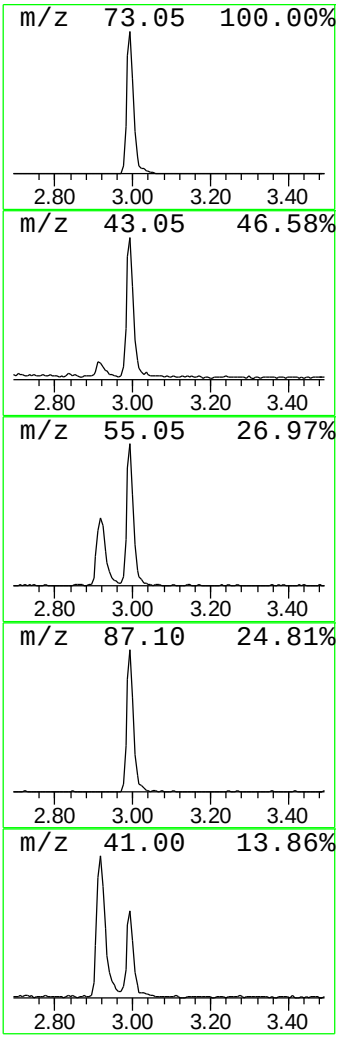
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	36.89 ng	684810	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

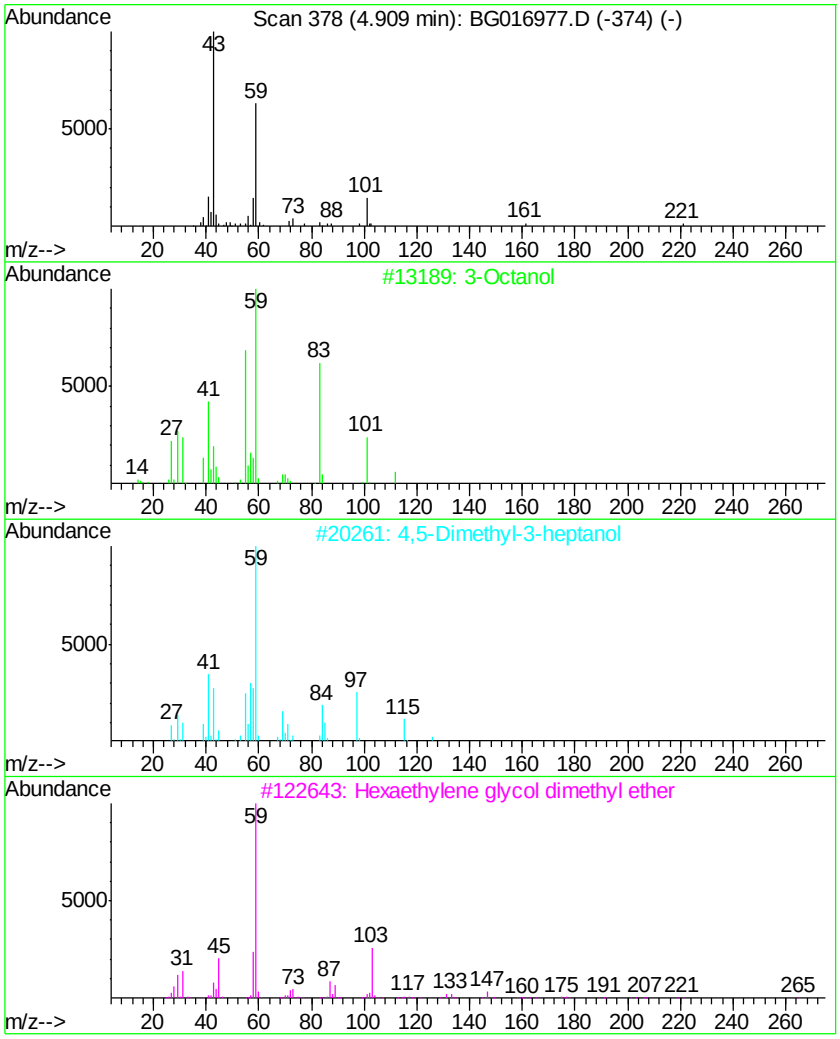
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

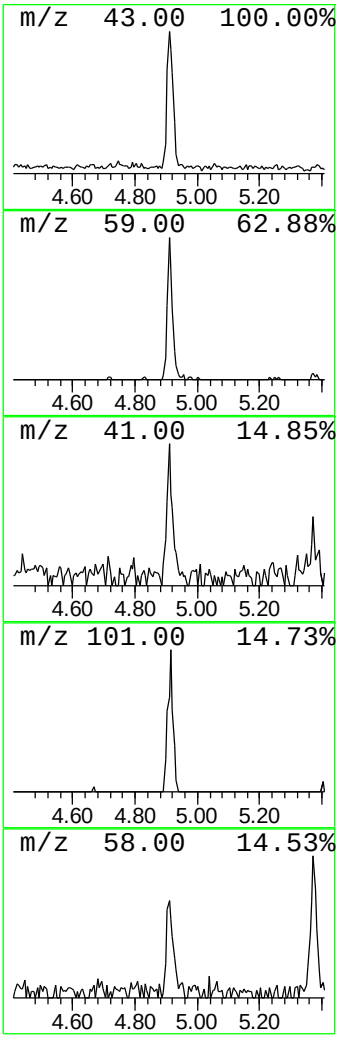
****

Peak Number 3 unknown4.91 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.50 ng	65030	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octanol	130	C8H18O	000589-98-0	47
2	4,5-Dimethyl-3-heptanol	144	C9H20O	019549-76-9	25
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	25
4	1,3-Dioxolane-4-methanol, 2,2-di...	132	C6H12O3	000100-79-8	25
5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
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Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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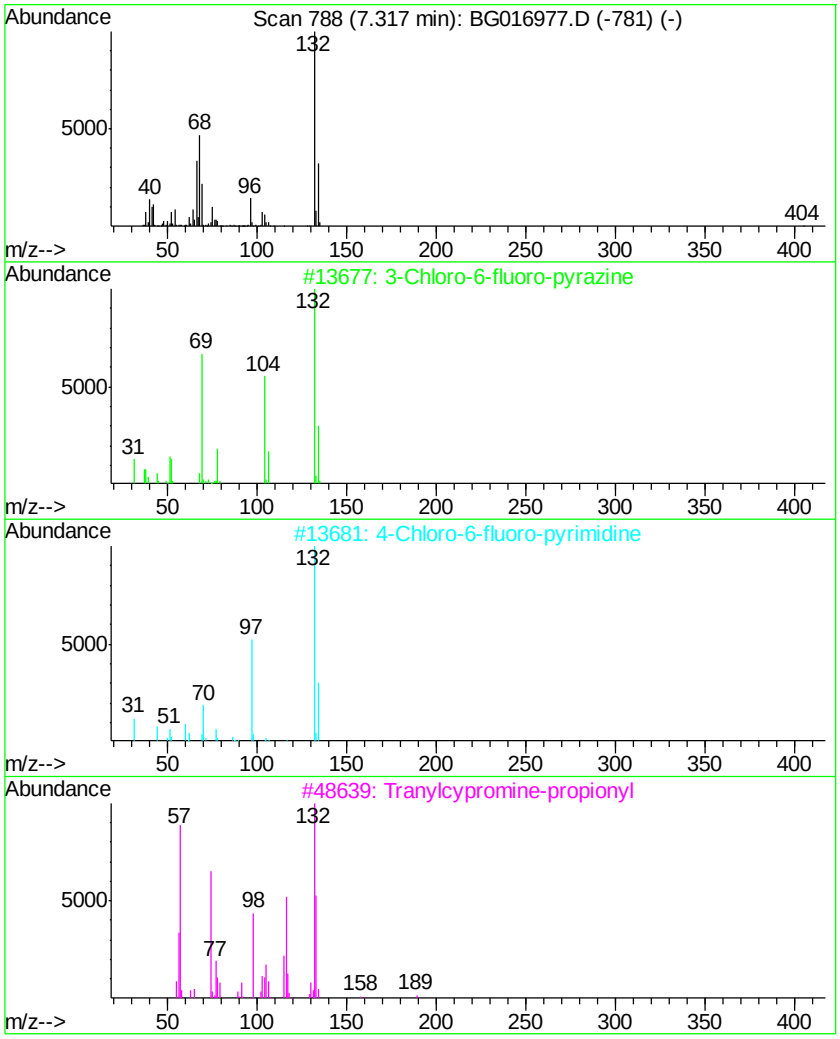
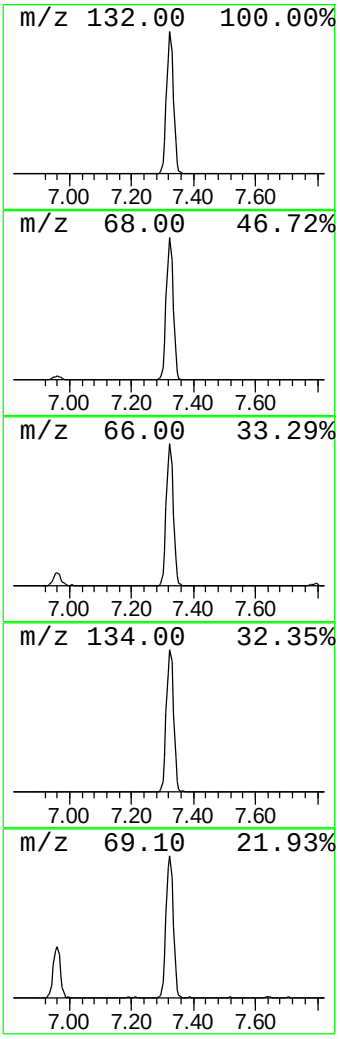
Peak Number 4 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	77.42 ng	1437180	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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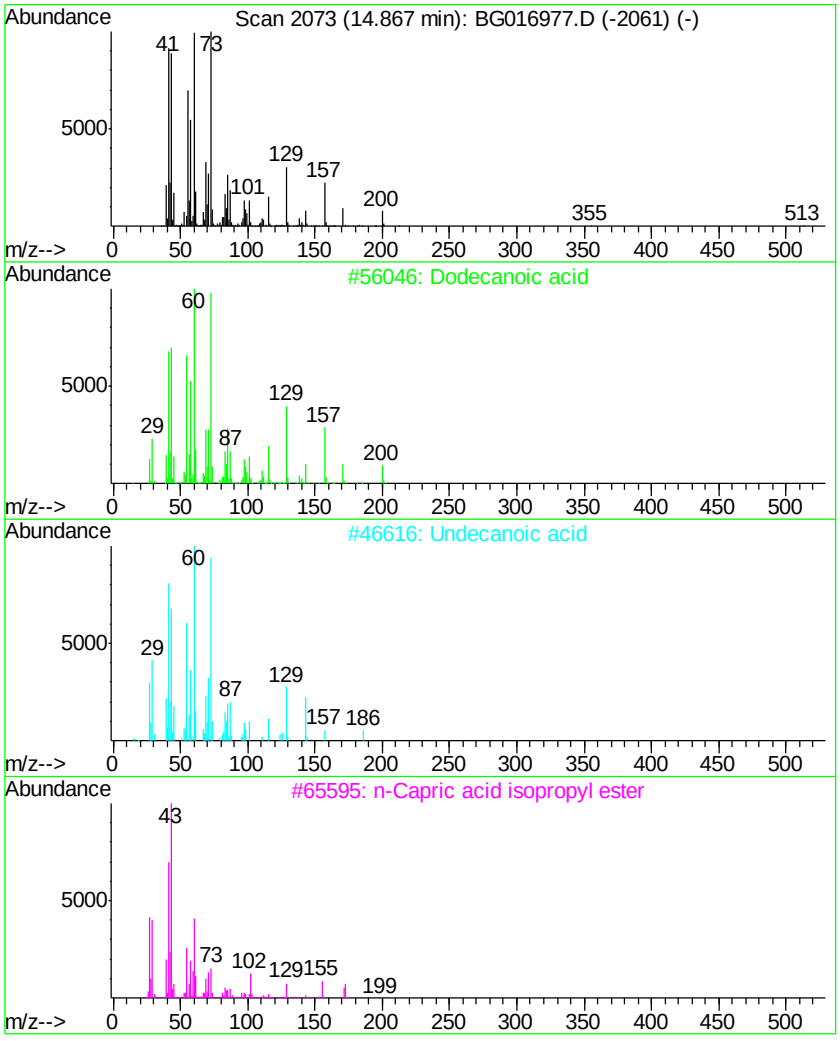
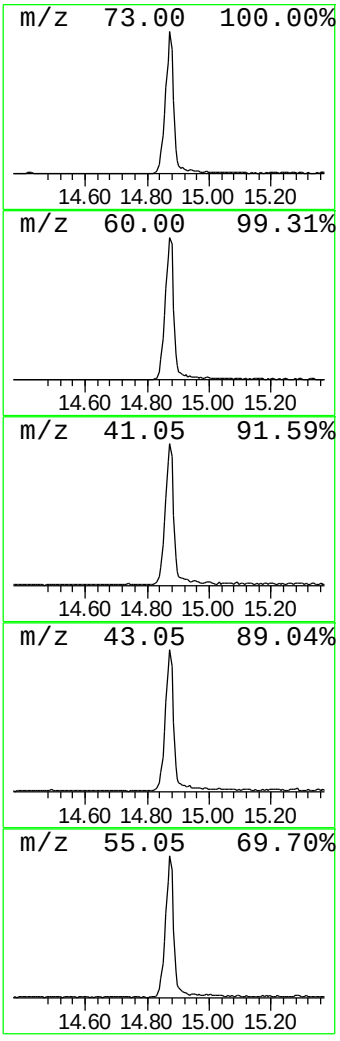
Peak Number 6 Dodecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	48.55 ng	2034560	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	50
4	Nonanoic acid	158	C9H18O2	000112-05-0	47
5	Octanoic Acid	144	C8H16O2	000124-07-2	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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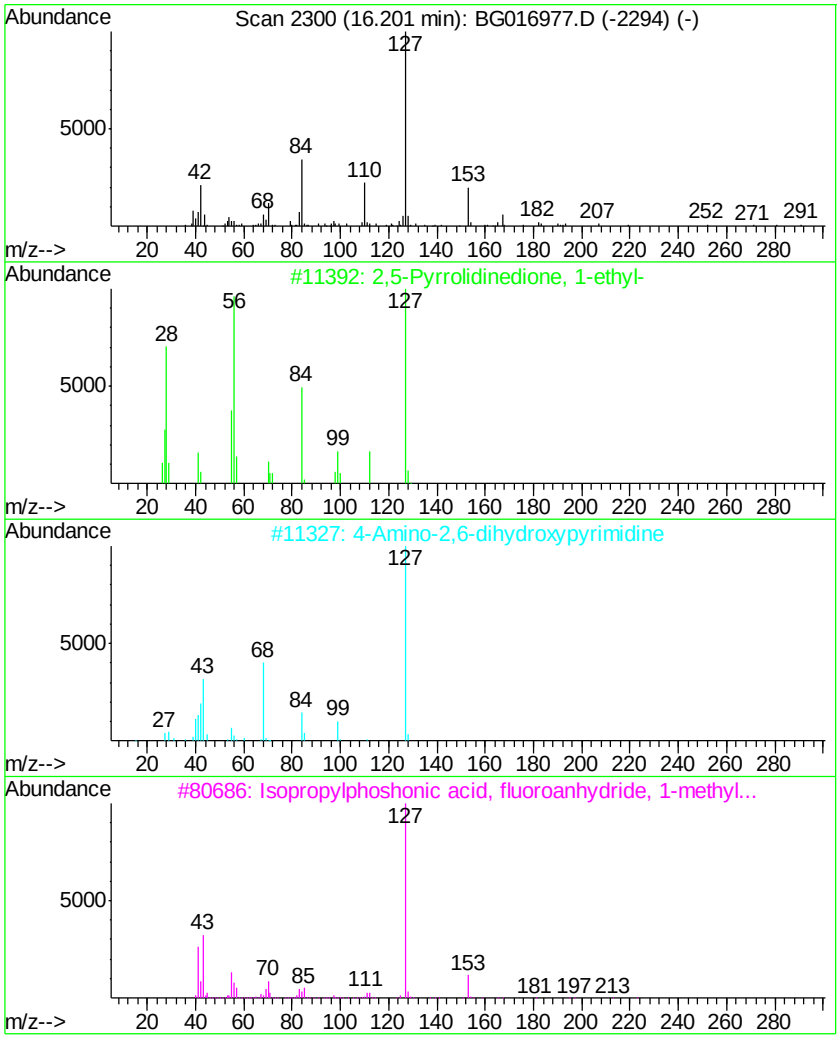
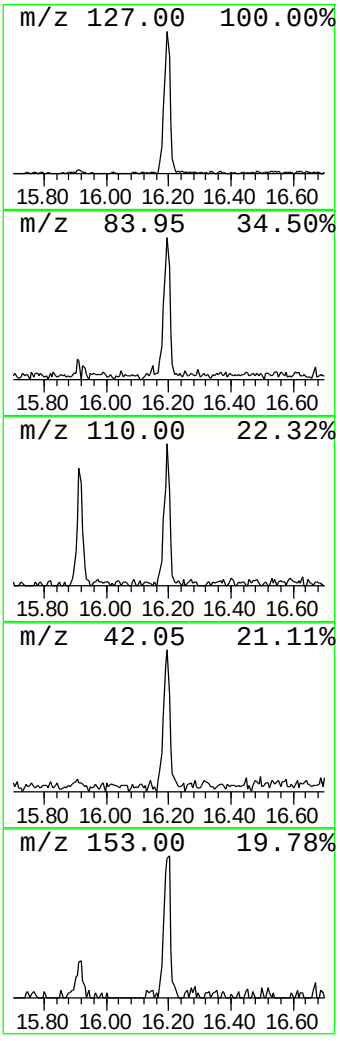
Peak Number 7 unknown16.20 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	2.73 ng	146726	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Pyrrolidinedione, 1-ethyl-	127	C6H9NO2	002314-78-5	40
2	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	40
3	Isopropylphoshonic acid, fluoroa...	238	C11H24FO2P	1000273-54-8	40
4	1-Ethylhexyl isopropylphosphonof...	238	C11H24FO2P	1000298-40-4	38
5	2,3,4-Trimethyl-isoxazol-5(2H)-one	127	C6H9NO2	007713-68-0	37





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Data File : BG016977.D
Acq On : 9 May 2015 5:20
Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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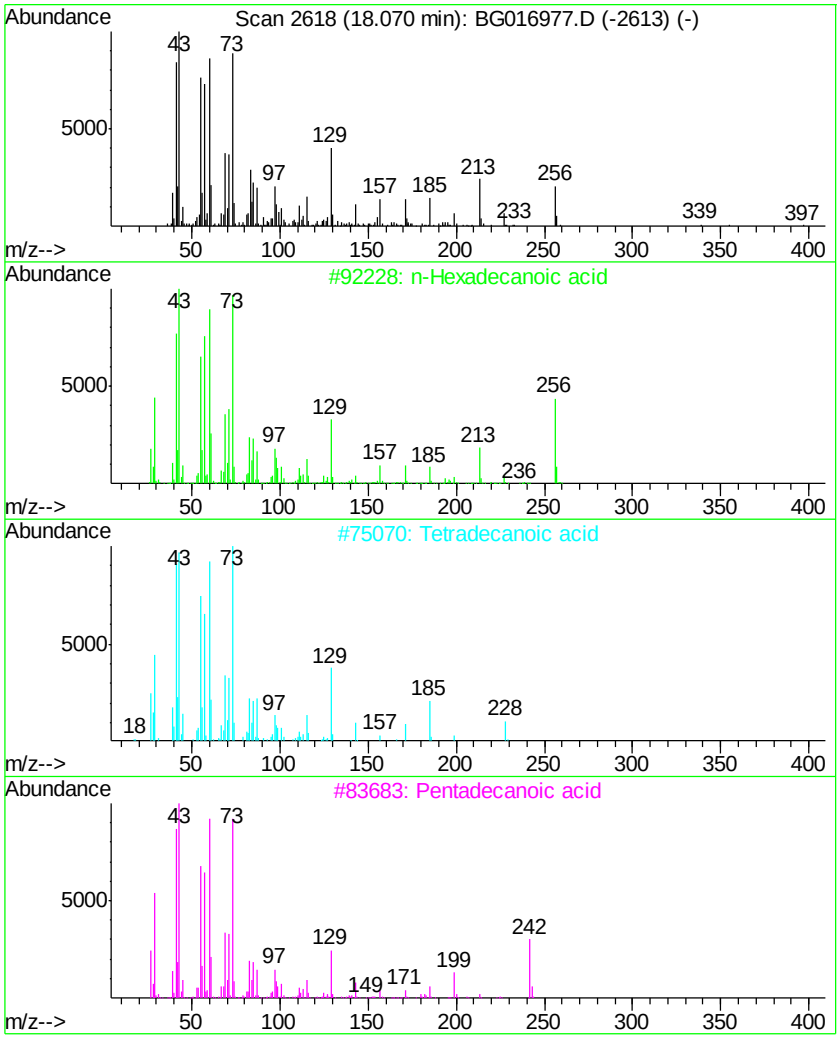
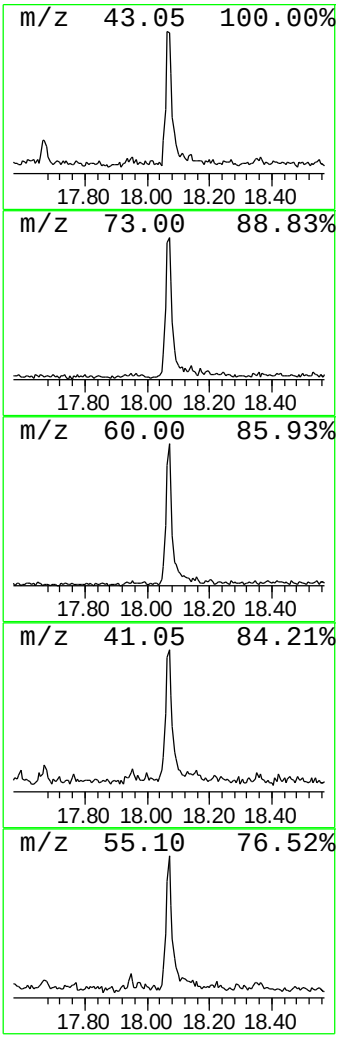
Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.77 ng	417254	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	53





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Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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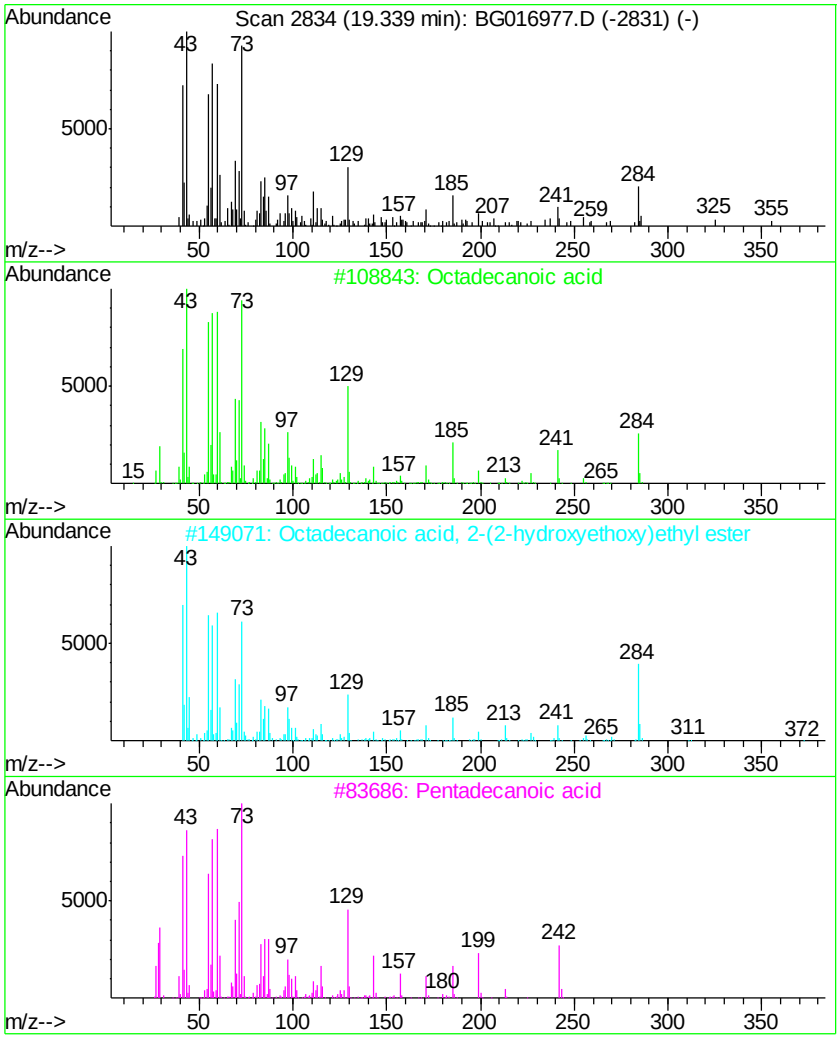
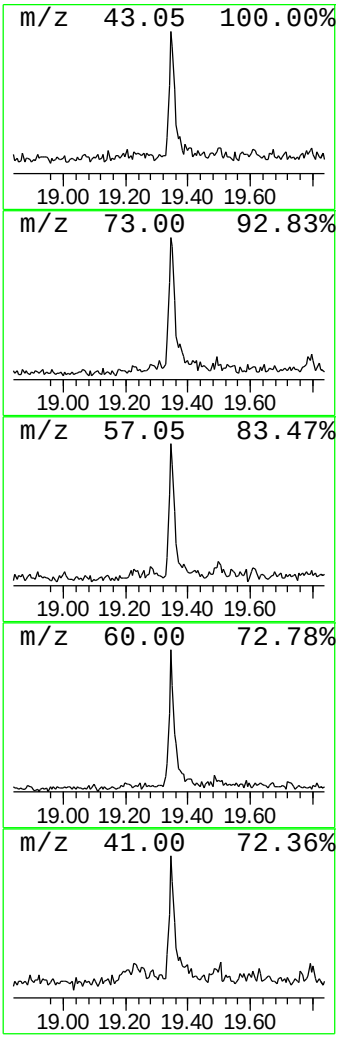
Peak Number 9 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.95 ng	285297	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	70
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





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Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

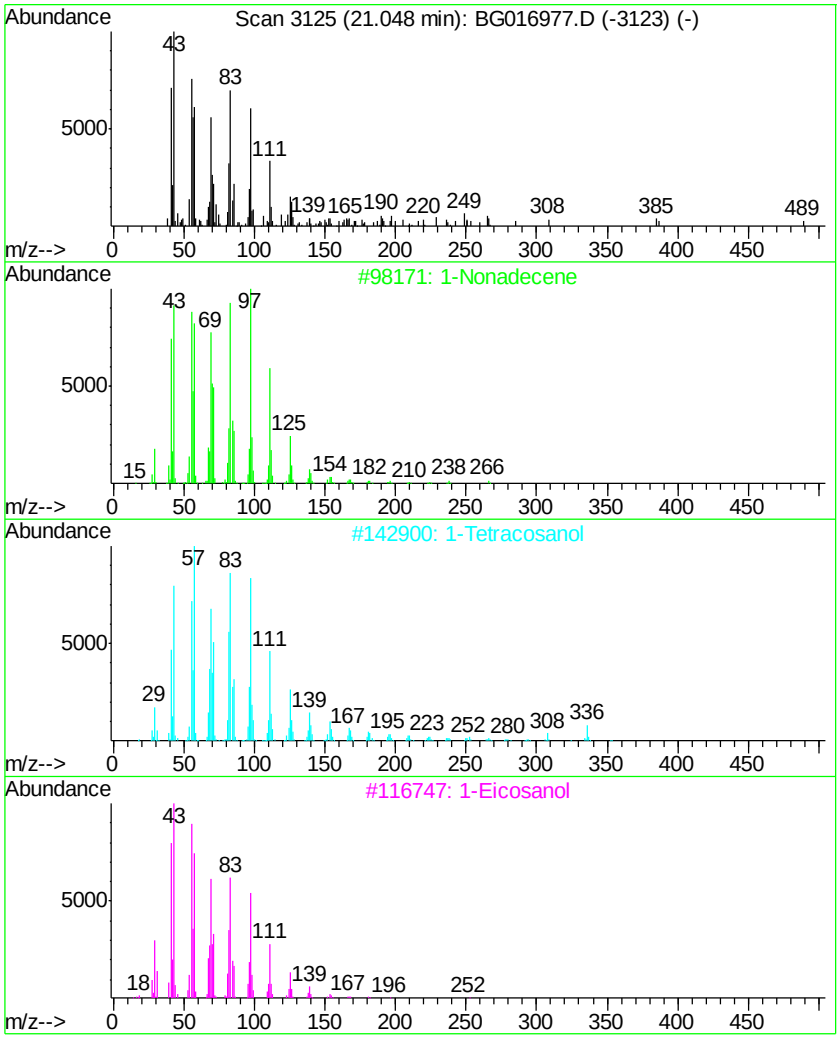
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

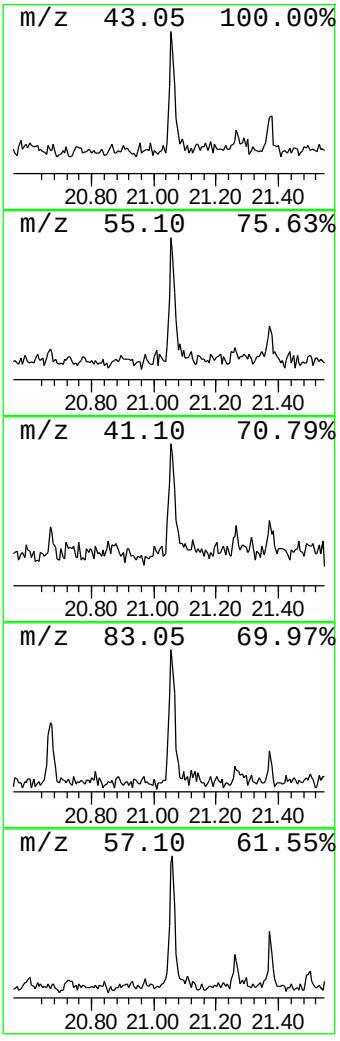
****

Peak Number 10 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.79 ng	160964	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	1-Tetracosanol	354	C24H50O	000506-51-4	93
3	1-Eicosanol	298	C20H42O	000629-96-9	91
4	1-Octadecanol	270	C18H38O	000112-92-5	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





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Operator : TP/IZ
Sample : G2058-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-54

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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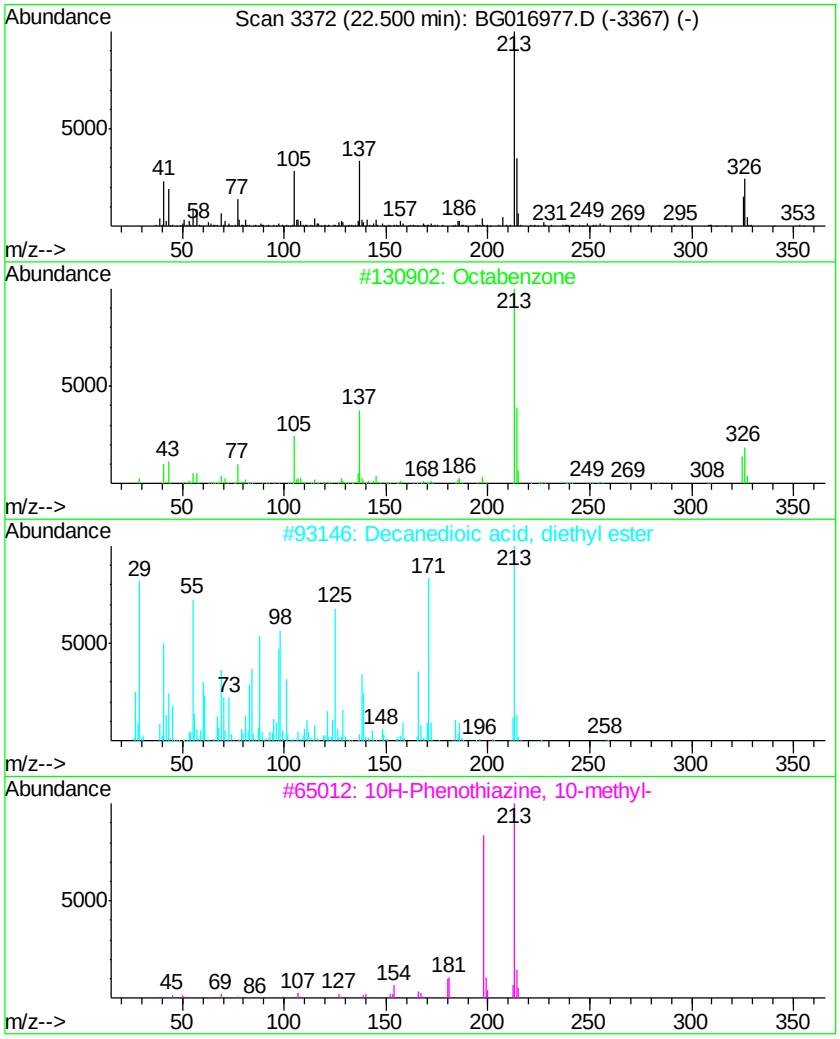
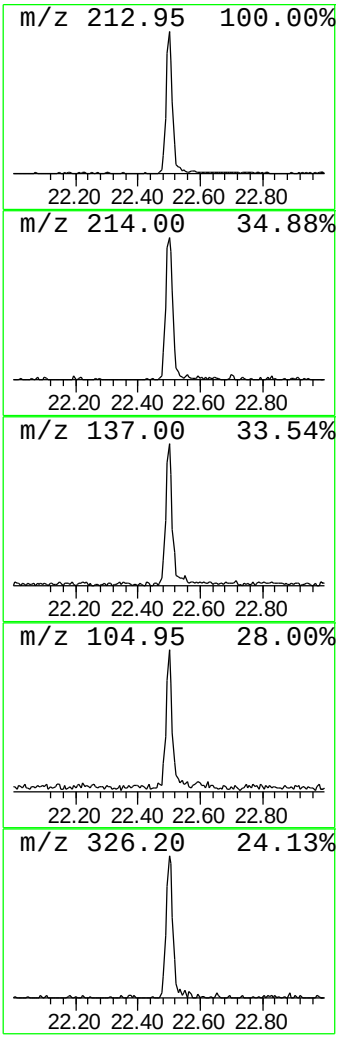
Peak Number 11 Octabenzone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	6.65 ng	358604	Perylene-d12	23.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octabenzone	326	C21H26O3	001843-05-6	96
2	Decanedioic acid, diethyl ester	258	C14H26O4	000110-40-7	35
3	10H-Phenothiazine, 10-methyl-	213	C13H11NS	001207-72-3	32
4	1-Chloromethyl-1-heptyloxy-1-sil...	262	C13H27ClOSi	1000279-33-5	25
5	Naphthalene-2,6-dicarboxylic aci...	376	C24H24O4	1000189-60-8	23





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050815\
Data File : BG016977.D
Acq On : 9 May 2015 5:20
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Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT 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...	2.99	36.9	ng	684810	1	7.79	371291	20.0
unknown4.91	4.91	3.5	ng	65030	1	7.79	371291	20.0
unknown7.32	7.32	77.4	ng	1437180	1	7.79	371291	20.0
Dodecanoic acid	14.87	48.5	ng	2034560	3	14.43	838094	20.0
unknown16.20	16.20	2.7	ng	146726	4	17.17	1074380	20.0
n-Hexadecanoic acid	18.07	7.8	ng	417254	4	17.17	1074380	20.0
Octadecanoic acid	19.34	5.0	ng	285297	5	21.35	1152520	20.0
1-Nonadecene	21.05	2.8	ng	160964	5	21.35	1152520	20.0
Octabenzone	22.50	6.7	ng	358604	6	23.64	1078600	20.0