LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

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-BG062516.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	3.055	32	37	54	rBV	6579243	10705877	84.76%	11.944%
2	3.819	161	167	175	rBV	196509	318450	2.52%	0.355%
3	5.241	403	409	417	rBV	803111	1239107	9.81%	1.382%
4	5.705	481	488	500	rBV	3243787	5329443	42.19%	5.946%
5	7.309	753	761	771	rBV	3455030	6190227	49.01%	6.906%
6	7.691	816	826	836	rBV	3365073	5843453	46.26%	6.519%
7	8.161	899	906	914	rBV	584891	996988	7.89%	1.112%
8	8.490	954	962	970	rBV	2328962	4062606	32.16%	4.532%
9	9.336	1097	1106	1114	rBV	2164775	3889445	30.79%	4.339%
10	10.987	1380	1387	1396	rVB	770038	1396716	11.06%	1.558%
11	13.419	1793	1801	1810	rBV	4713364	7721192	61.13%	8.614%
12	14.242	1933	1941	1949	rBV	1802330	2659532	21.06%	2.967%
13	14.800	2027	2036	2044	rVB2	1265789	2138290	16.93%	2.386%
14	15.376	2127	2134	2144	rBV	83472	227248	1.80%	0.254%
15	16.292	2282	2290	2298	rBV	5672614	9031268	71.50%	10.075%
16	17.556	2498	2505	2511	rBV	1880413	2973133	23.54%	3.317%
17	18.037	2582	2587	2591	rBV	113138	171258	1.36%	0.191%
18	18.431	2648	2654	2665	rBV2	532850	845242	6.69%	0.943%
19	19.606	2850	2854	2858	rVB	151853	219268	1.74%	0.245%
20	19.694	2865	2869	2877	rBV3	309349	478222	3.79%	0.534%
21	19.965	2911	2915	2921	rVB	136123	198659	1.57%	0.222%
22	20.158	2941	2948	2954	rBV	9399058	12631200	100.00%	14.092%
23	20.446	2994	2997	3004	rVB	144612	199139	1.58%	0.222%
24	21.469	3166	3171	3183	rBV	568492	983074	7.78%	1.097%
25	21.845	3228	3235	3242	rBV2	1977736	3641951	28.83%	4.063%
26	22.697	3373	3380	3393	rVB7	261040	730929	5.79%	0.815%
27	25.211	3798	3808	3815	rBV2	1050569	3255440	25.77%	3.632%
28	25.282	3816	3820	3831	rVB2	462768	1201846	9.51%	1.341%
29	26.580	4033	4041	4050	rBV2	105275	357210	2.83%	0.399%

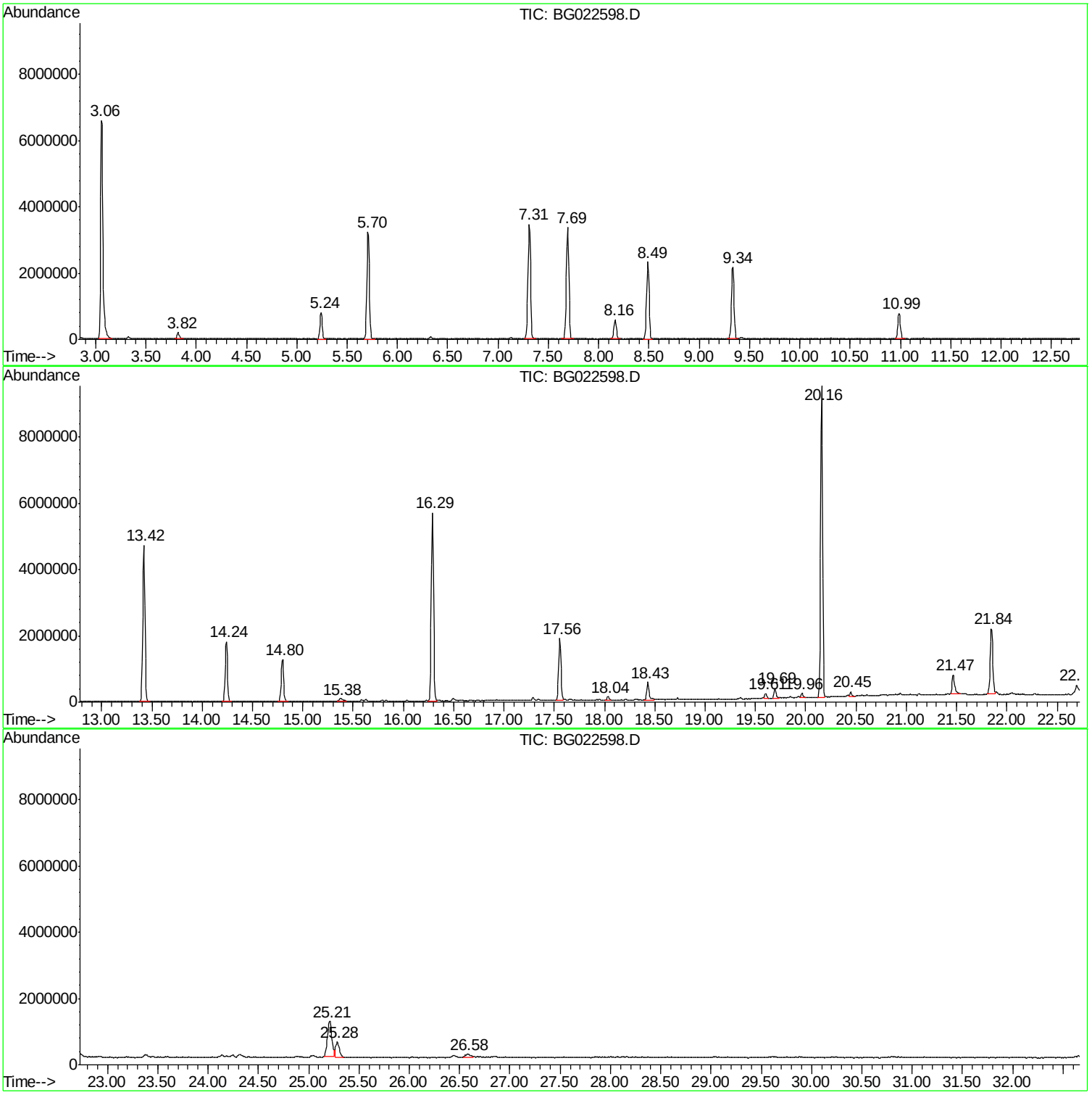
Sum of corrected areas: 89636413

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

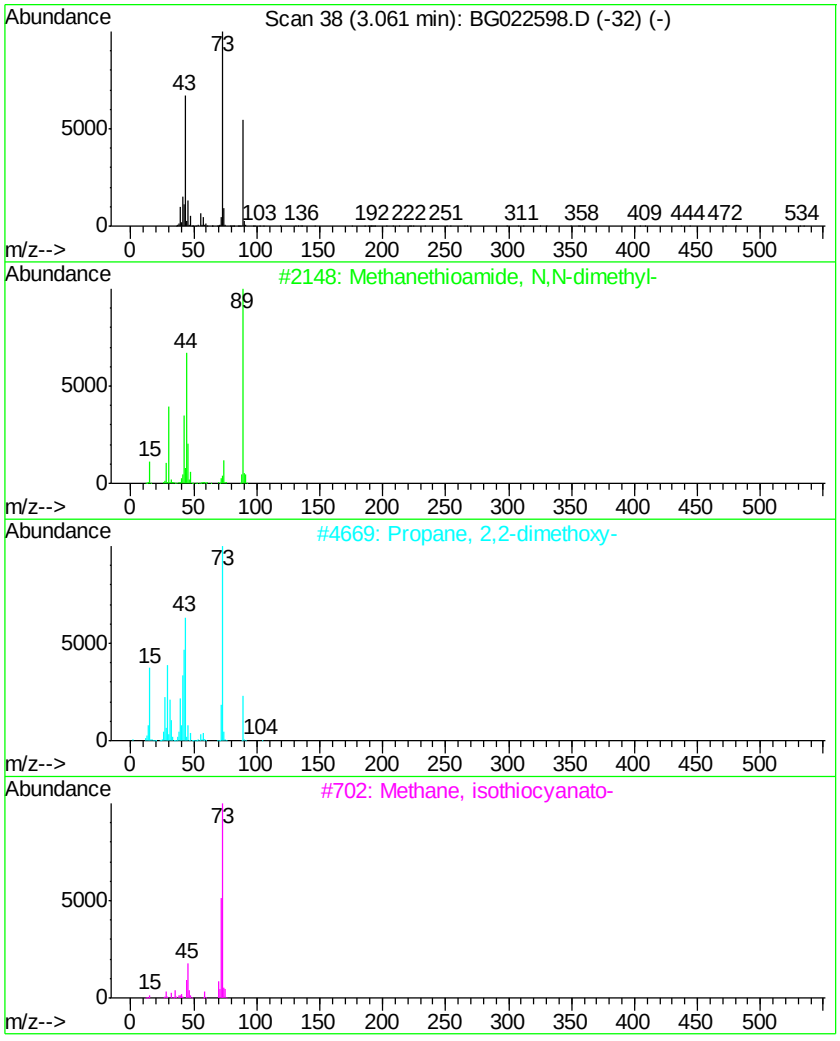
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

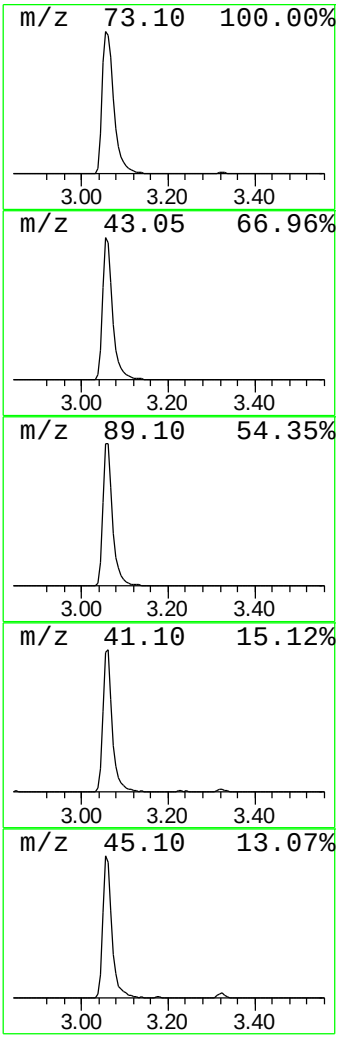
****

Peak Number 1 Methanethioamide, N,N-dimet... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	214.76 ng	10705900	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	47
2	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	28
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	10
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

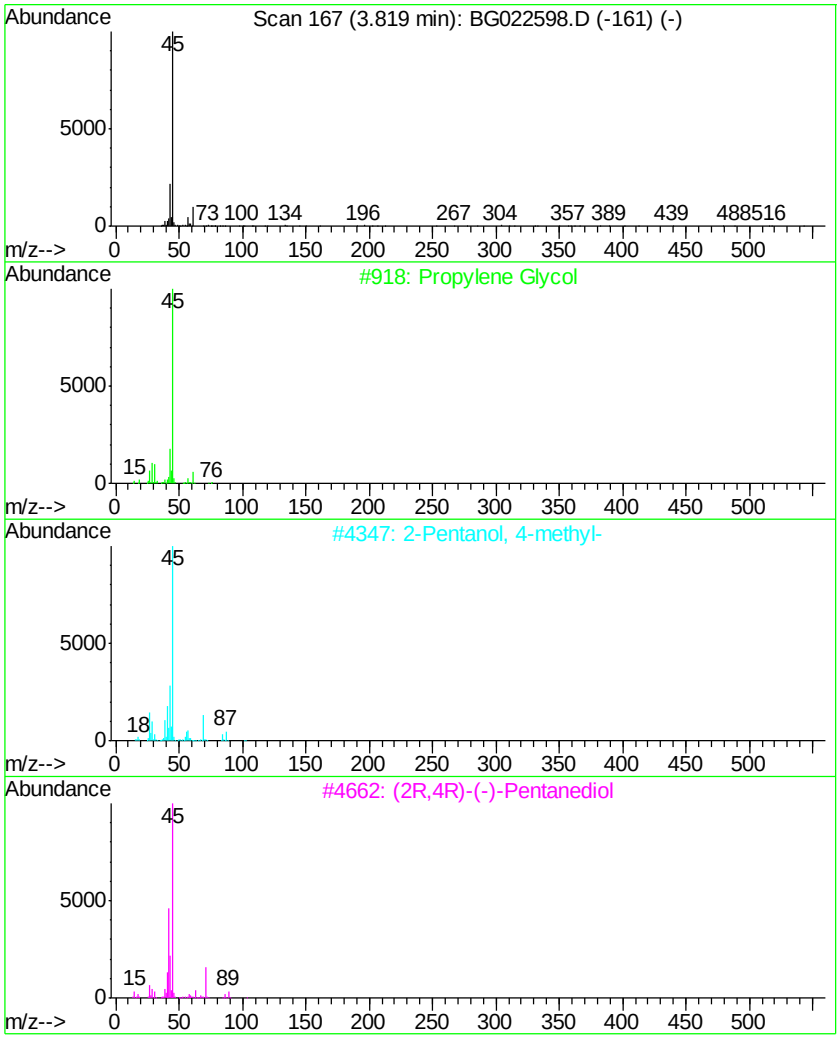
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

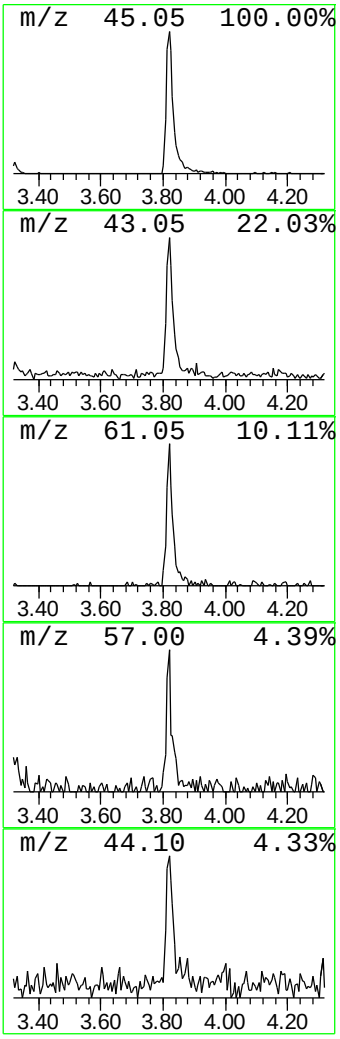
****

Peak Number 2 Propylene Glycol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.82	6.39 ng	318450	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	50
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	12
3	(2R,4R)-(-)-Pentanediol	104	C5H12O2	042075-32-1	9
4	2-Butanol, 3-chloro-	108	C4H9ClO	000563-84-8	9
5	1-Propanol, 2-ethoxy-	104	C5H12O2	019089-47-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

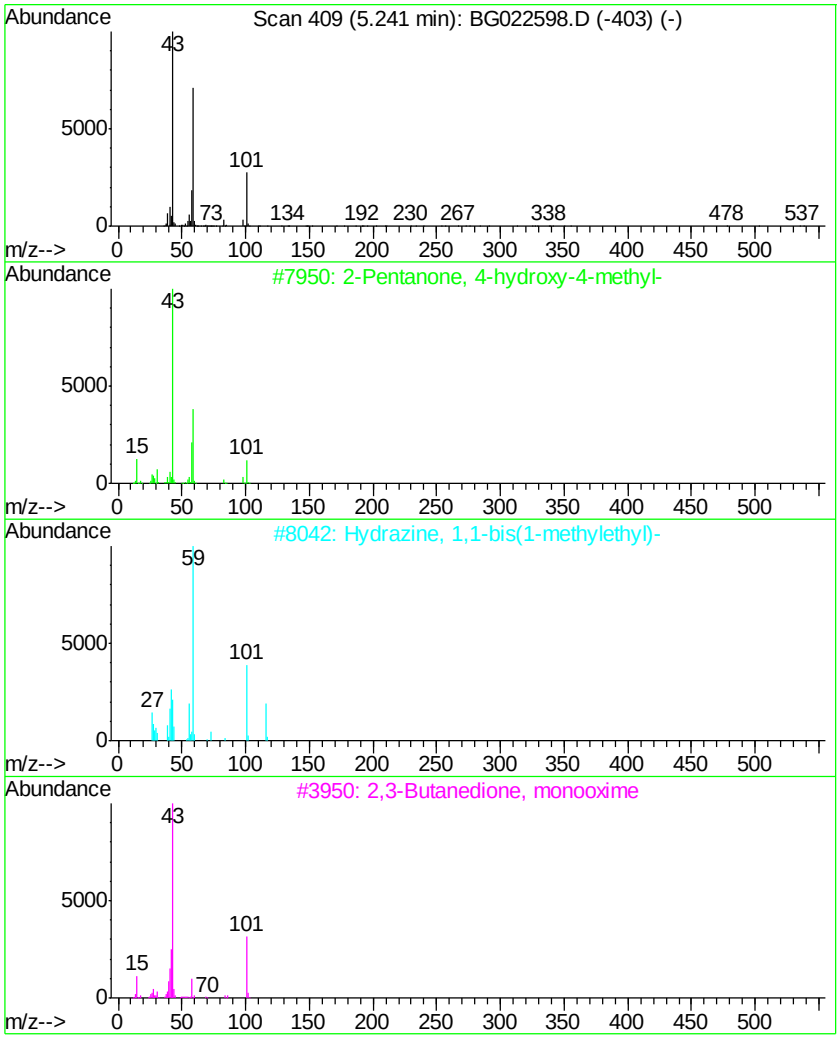
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

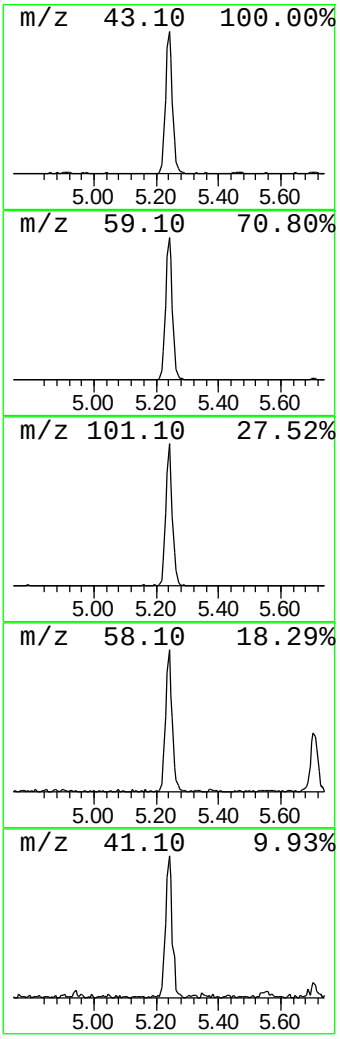
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	24.86 ng	1239110	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

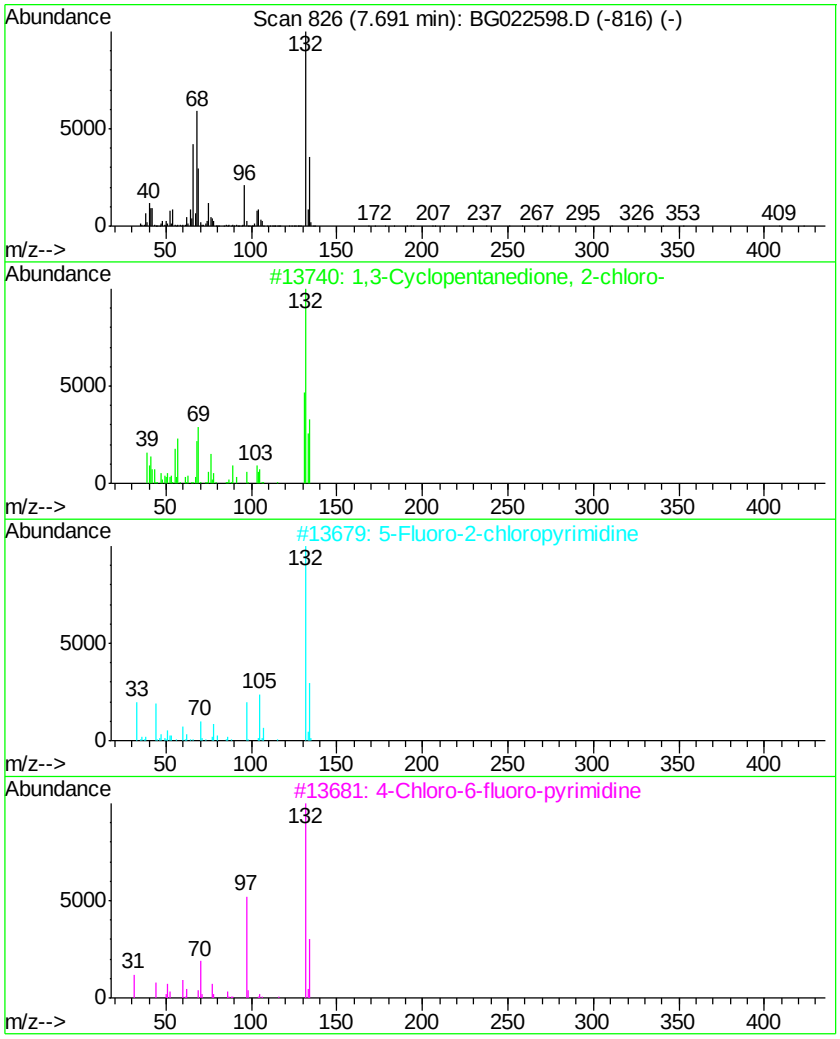
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

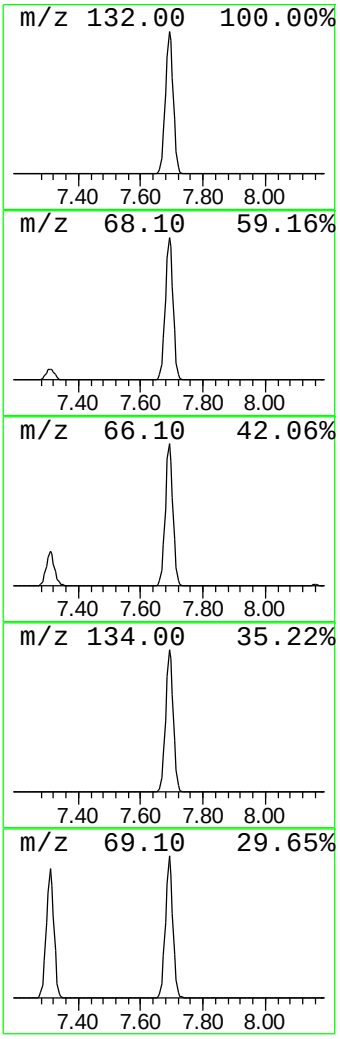
****

Peak Number 4 unknown7.69 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	117.22 ng	5843450	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	11
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

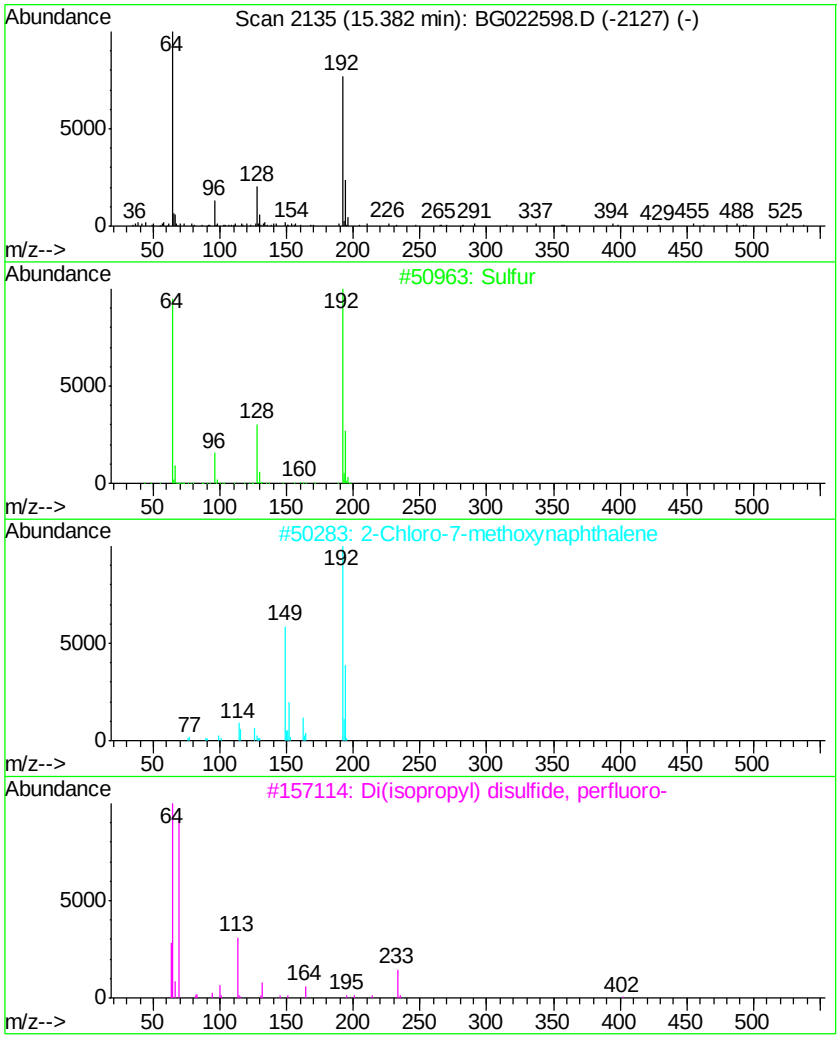
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

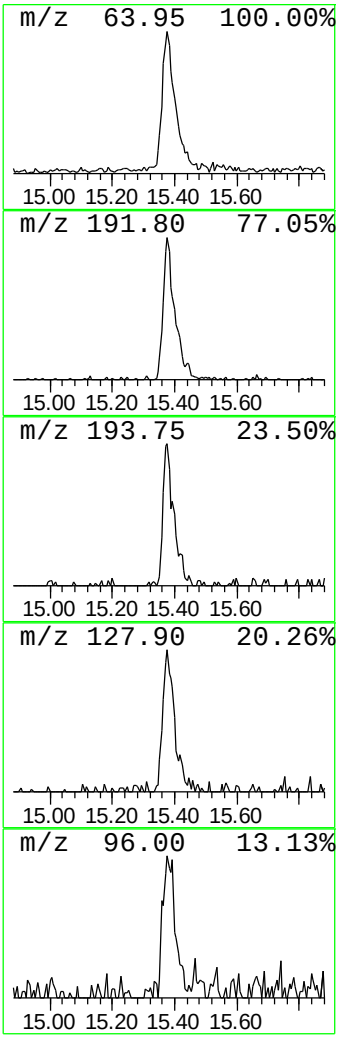
****

Peak Number 6 Sulfur Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	2.13 ng	227248	Acenaphthene-d10	14.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur	192	S6	013798-23-7	91
2	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	53
3	Di(isopropyl) disulfide, perfluoro-	402	C6F14S2	000754-62-1	53
4	S-2-[3-Phthalimidopropylamino]-2...	372	C15H20N2O5S2	031786-59-1	36
5	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	36





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

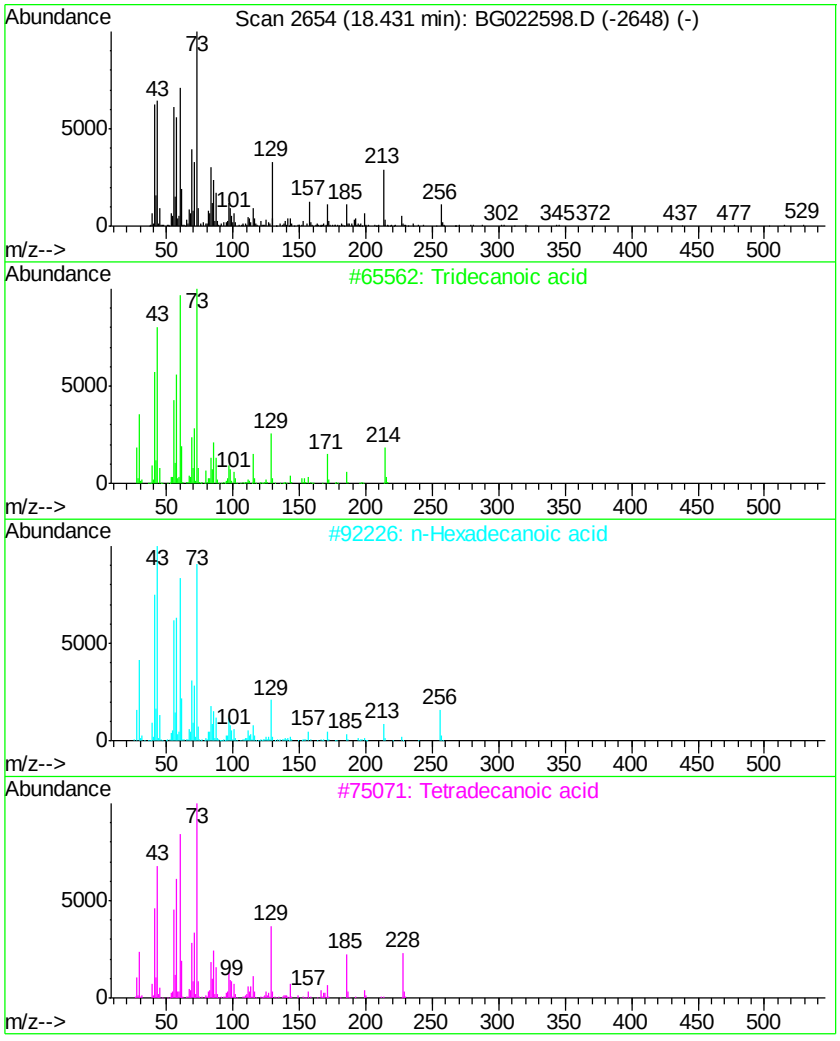
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

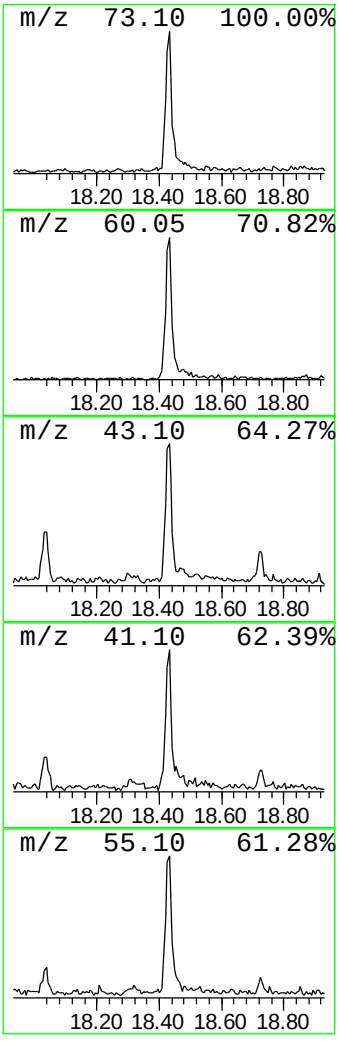
****

Peak Number 7 Tridecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	5.69 ng	845242	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	89
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

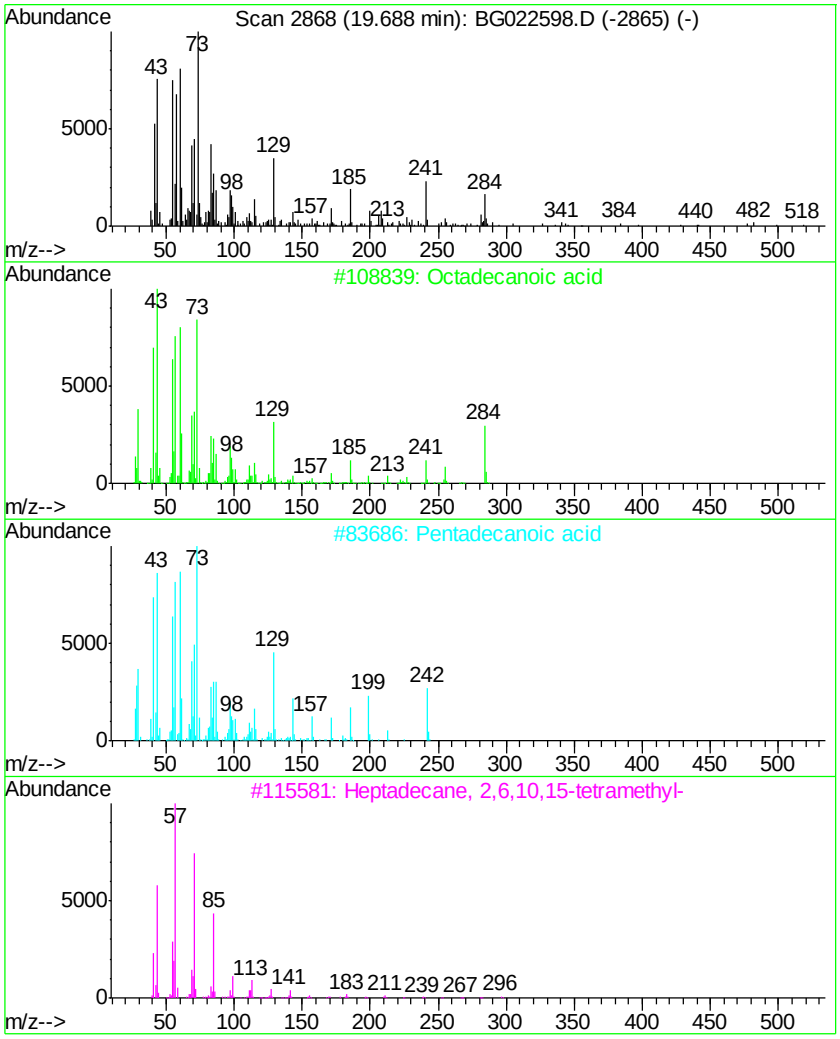
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

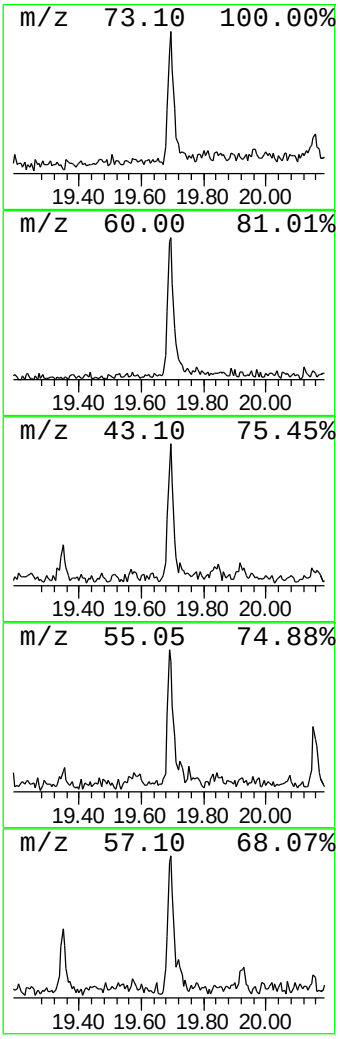
****

Peak Number 8 Octadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	3.22 ng	478222	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	44
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	38
5	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	30





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

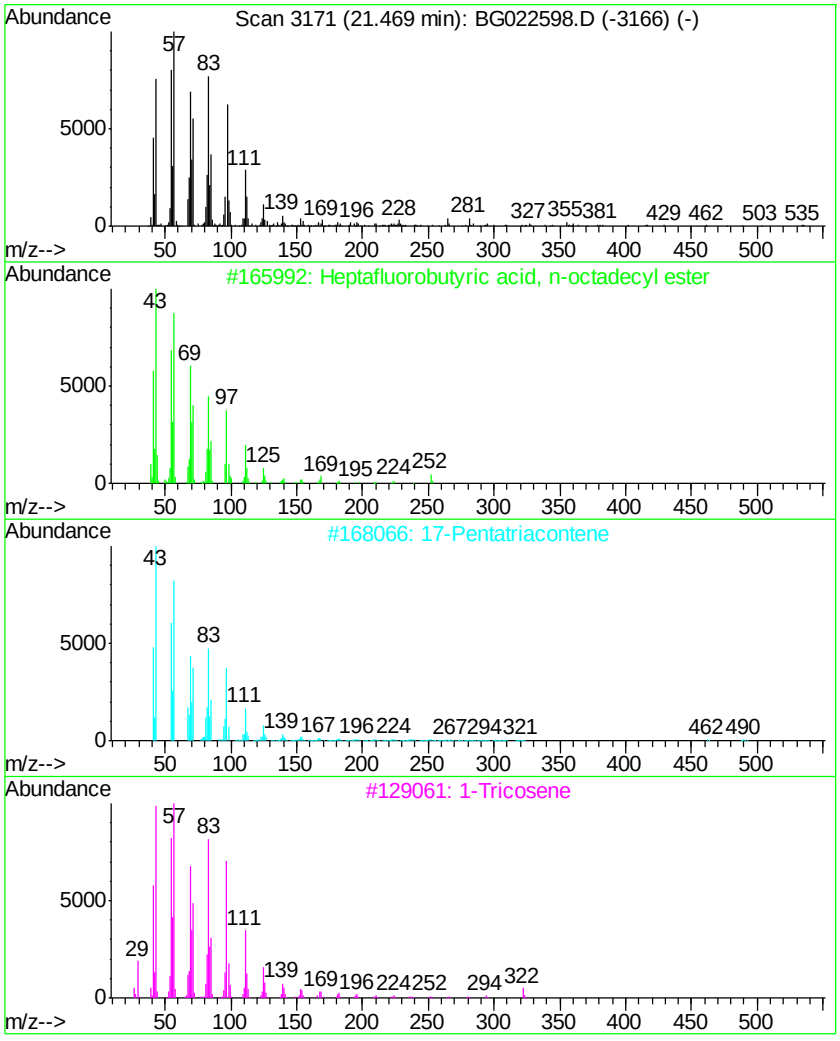
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

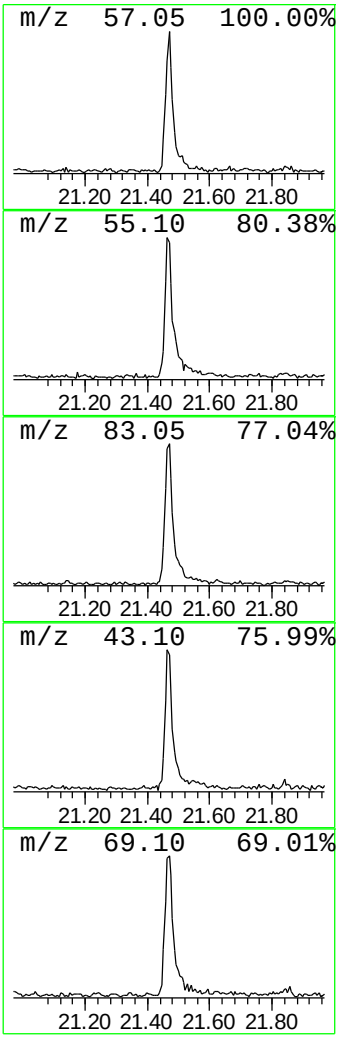
****

Peak Number 9 Heptafluorobutyric acid, n-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	5.40 ng	983074	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	1-Tricosene	322	C23H46	018835-32-0	87
4	1-Hexacosanol	382	C26H54O	000506-52-5	87
5	2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

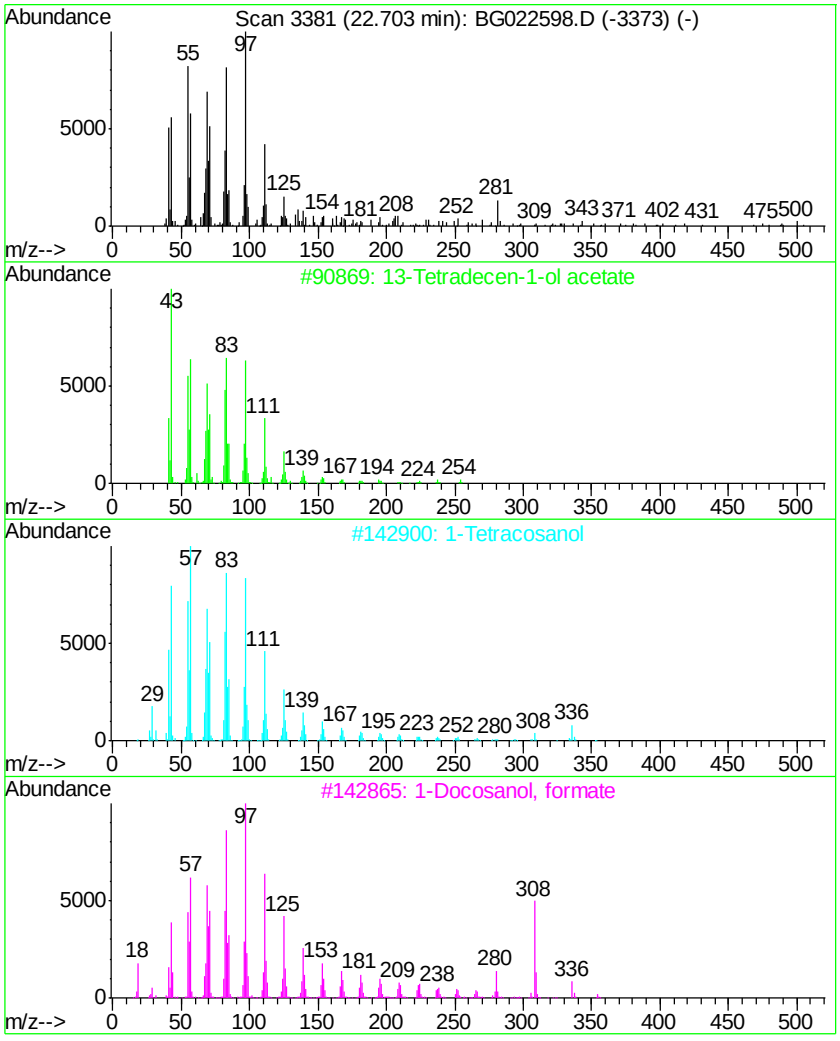
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

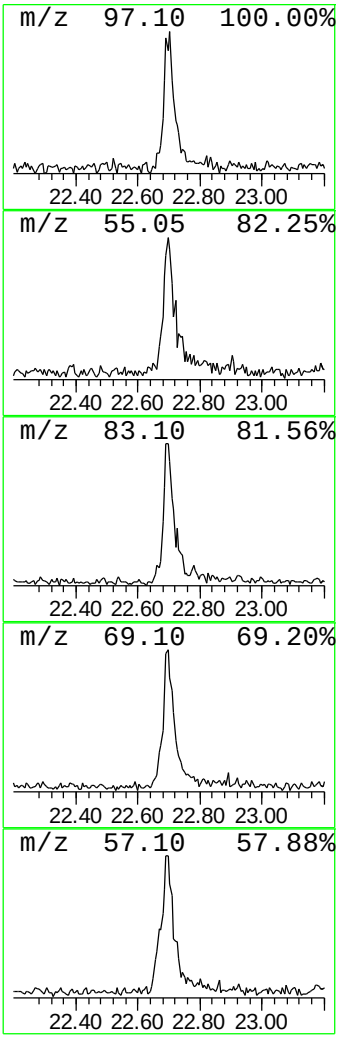
****

Peak Number 10 13-Tetradecen-1-ol acetate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	4.01 ng	730929	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	81
2	1-Tetracosanol	354	C24H50O	000506-51-4	81
3	1-Docosanol, formate	354	C23H46O2	015155-62-1	78
4	1-Triacontanol	438	C30H62O	000593-50-0	70
5	Cyclopentane, (2-hexyloctyl)-	266	C19H38	055044-77-4	70





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

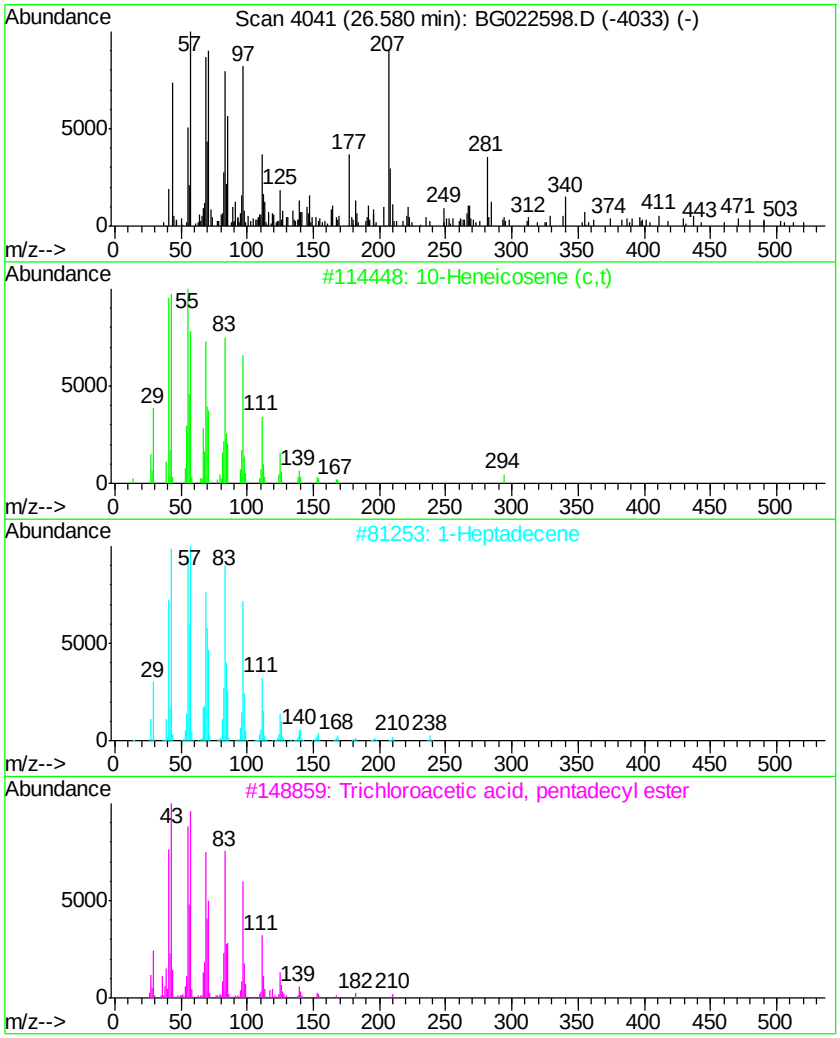
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

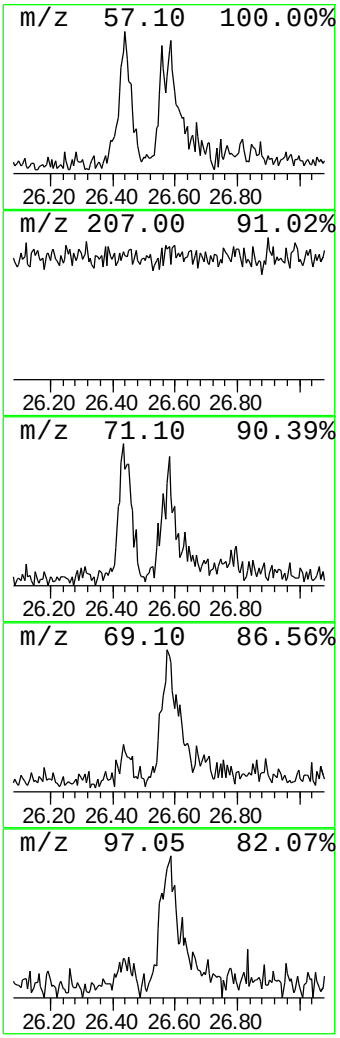
****

Peak Number 12 10-Heneicosene (c,t) Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.58	2.19 ng	357210	Perylene-d12	25.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	55
2	1-Heptadecene	238	C17H34	006765-39-5	49
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	49
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	47
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
Data File : BG022598.D
Acq On : 26 Jun 2016 6:46
Operator : UM/SJ
Sample : H3663-12
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.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
Methanethioamide,...	3.06	214.8	ng	10705900	1	8.17	996988	20.0
Propylene Glycol	3.82	6.4	ng	318450	1	8.17	996988	20.0
2-Pentanone, 4-hy...	5.24	24.9	ng	1239110	1	8.17	996988	20.0
unknown7.69	7.69	117.2	ng	5843450	1	8.17	996988	20.0
Sulfur	15.38	2.1	ng	227248	3	14.79	2138290	20.0
Tridecanoic acid	18.43	5.7	ng	845242	4	17.56	2973130	20.0
Octadecanoic acid	19.69	3.2	ng	478222	4	17.56	2973130	20.0
Heptafluorobutyri...	21.47	5.4	ng	983074	5	21.84	3641950	20.0
13-Tetradecen-1-o...	22.70	4.0	ng	730929	5	21.84	3641950	20.0
10-Heneicosene (c,t)	26.58	2.2	ng	357210	6	25.21	3255440	20.0