LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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	3.526	109	117	126	rBV2	165794	306296	2.64%	0.561%
2	5.241	403	409	418	rBV	130112	217208	1.87%	0.398%
3	5.705	481	488	497	rBV	1672392	2751378	23.73%	5.042%
4	7.303	752	760	770	rBV	1415957	2369647	20.43%	4.343%
5	7.691	817	826	836	rBV	2371240	4124034	35.56%	7.558%
6	8.167	898	907	914	rBV	437365	782487	6.75%	1.434%
7	8.490	954	962	970	rBV	1751737	3100340	26.74%	5.682%
8	9.336	1098	1106	1116	rVB	1634259	2888472	24.91%	5.294%
9	10.993	1381	1388	1399	rVB	603802	1104500	9.52%	2.024%
10	13.426	1794	1802	1810	rVB	4177880	6658678	57.42%	12.203%
11	14.060	1906	1910	1918	rVB2	79728	128214	1.11%	0.235%
12	14.801	2027	2036	2043	rBV2	1008341	1689396	14.57%	3.096%
13	16.287	2281	2289	2298	rBV	4362063	6662873	57.46%	12.211%
14	16.551	2328	2334	2345	rVB	173537	282169	2.43%	0.517%
15	17.556	2499	2505	2511	rVB	1476064	2288816	19.74%	4.195%
16	18.161	2605	2608	2614	rVB2	124945	179835	1.55%	0.330%
17	18.426	2649	2653	2661	rBV7	109911	199374	1.72%	0.365%
18	18.520	2664	2669	2675	rVB	157533	229665	1.98%	0.421%
19	19.190	2778	2783	2788	rBV	305517	403518	3.48%	0.740%
20	19.695	2865	2869	2874	rBV3	158382	222388	1.92%	0.408%
21	19.842	2890	2894	2901	rVB	390956	457436	3.94%	0.838%
22	20.159	2942	2948	2954	rBV	8383903	11596445	100.00%	21.253%
23	20.882	3068	3071	3076	rVB2	238495	276543	2.38%	0.507%
24	21.434	3161	3165	3168	rVV	271724	312399	2.69%	0.573%
25	21.845	3229	3235	3243	rVB	1585754	2801990	24.16%	5.135%
26	25.206	3797	3807	3820	rVB2	847317	2530206	21.82%	4.637%

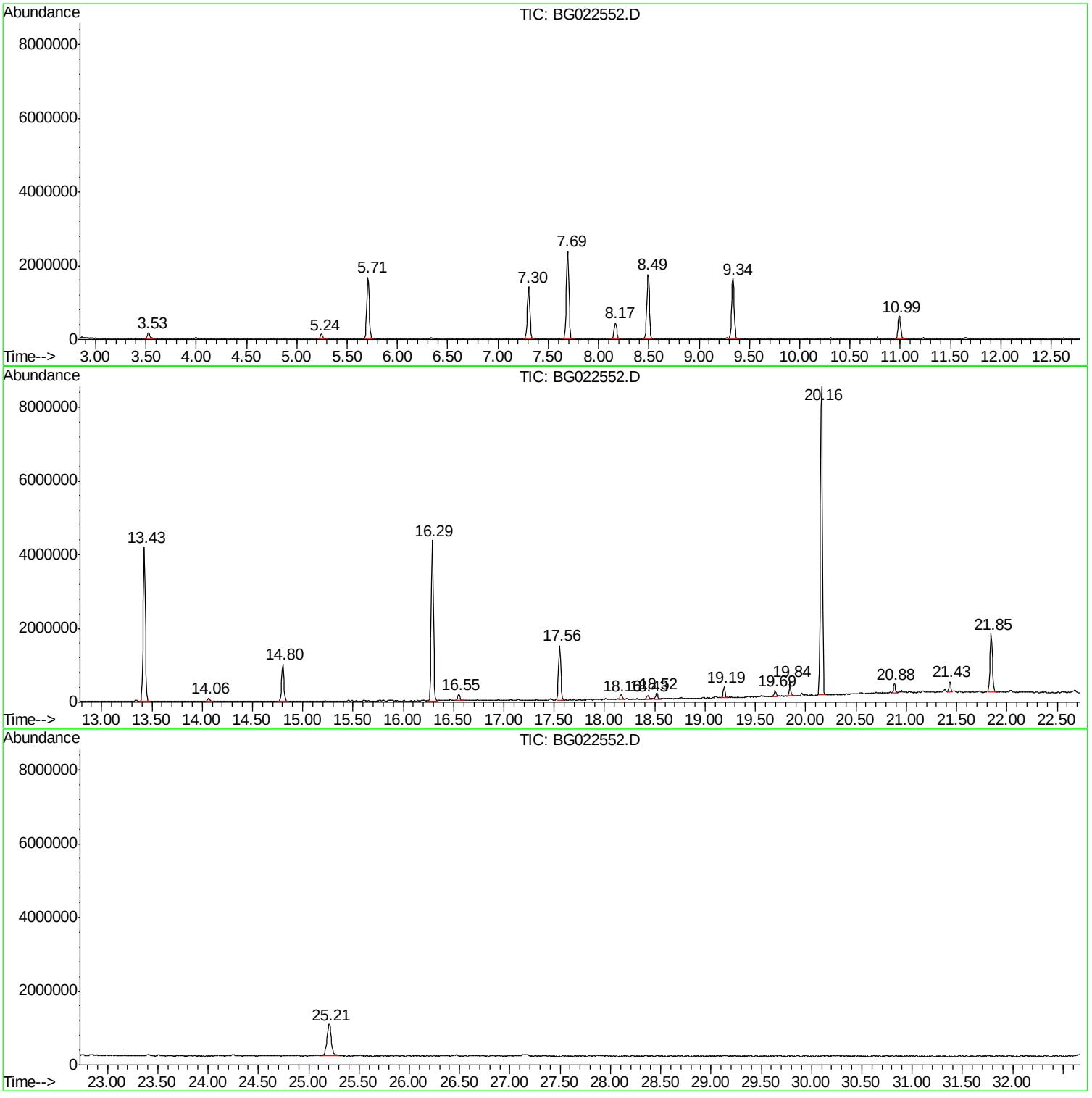
Sum of corrected areas: 54564307

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEPMW1A-11

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

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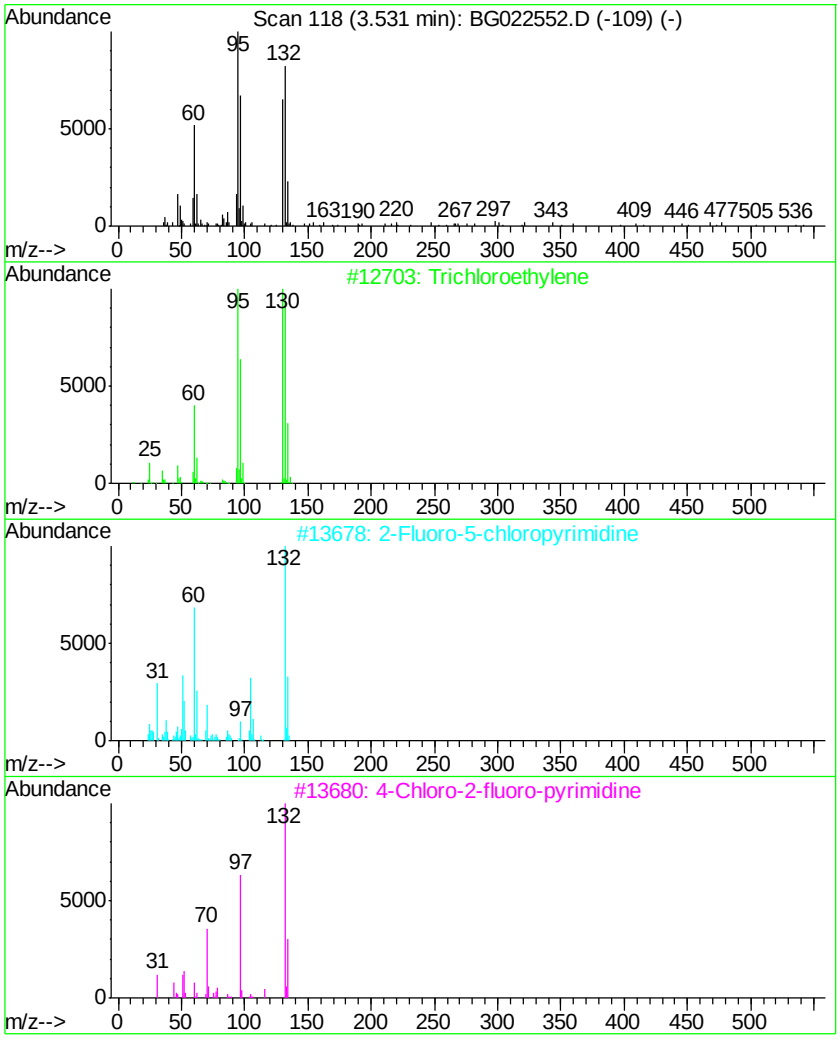
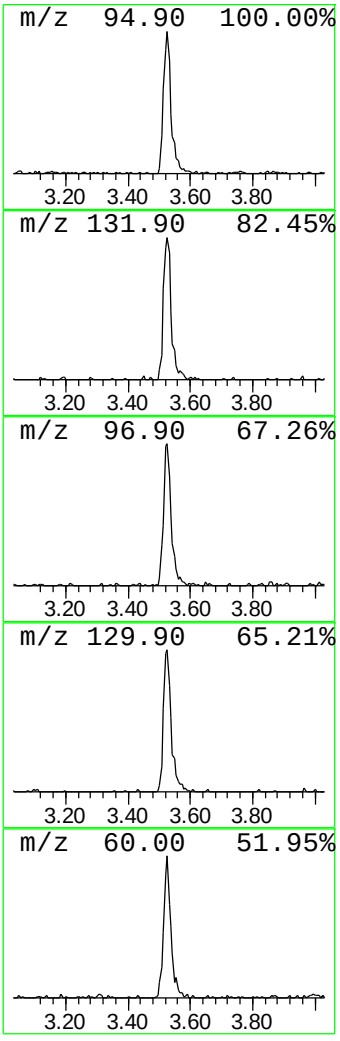
Peak Number 1 Trichloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	7.83 ng	306296	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroethylene	130	C2HCl3	000079-01-6	94
2	2-Fluoro-5-chloropyrimidine	132	C4H2ClFN2	062802-37-3	37
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	22
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	12
5	Benzene, 1-chloro-2-fluoro-	130	C6H4ClF	000348-51-6	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

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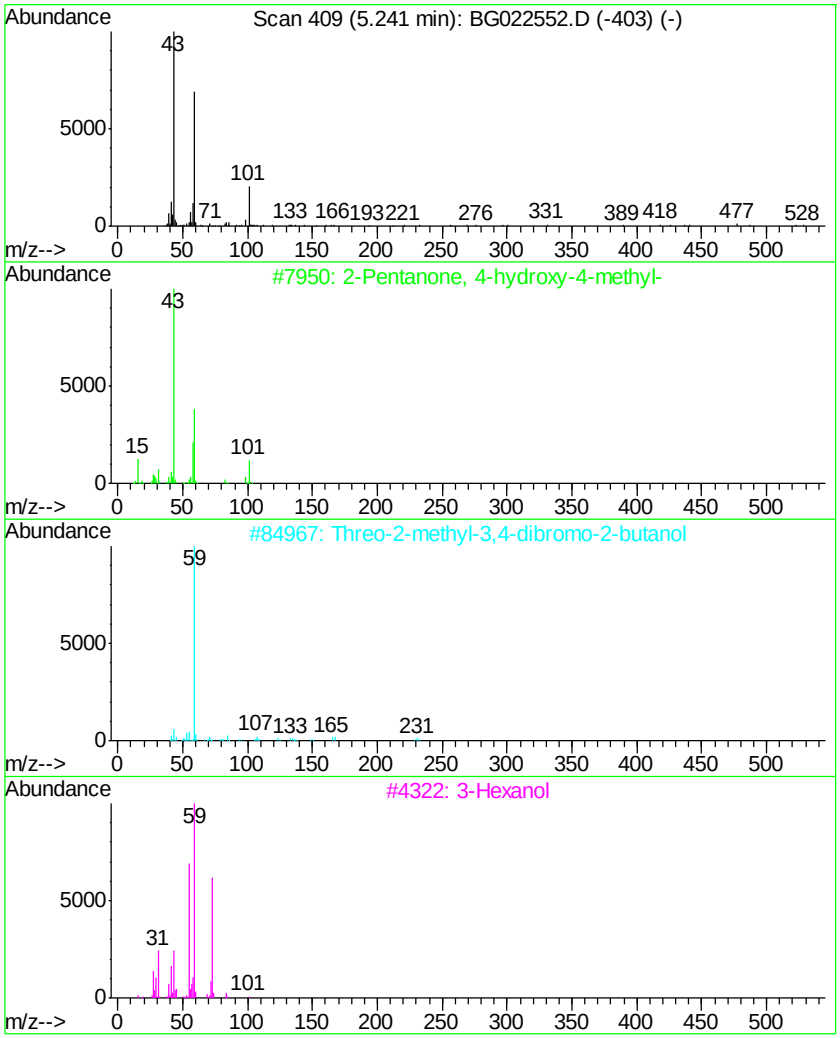
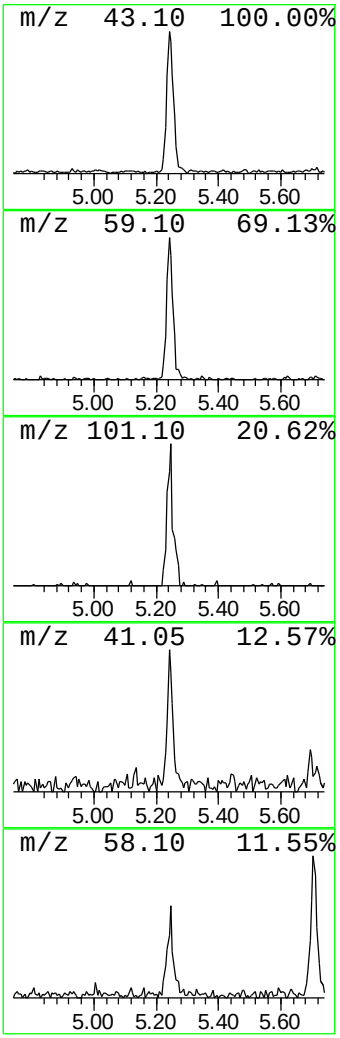
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	5.55 ng	217208	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	38
2	Threo-2-methyl-3,4-dibromo-2-but...	244	C5H10Br2O	1000288-19-2	23
3	3-Hexanol	102	C6H14O	000623-37-0	23
4	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
5	Heptane, 1-ethoxy-	144	C9H20O	001969-43-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

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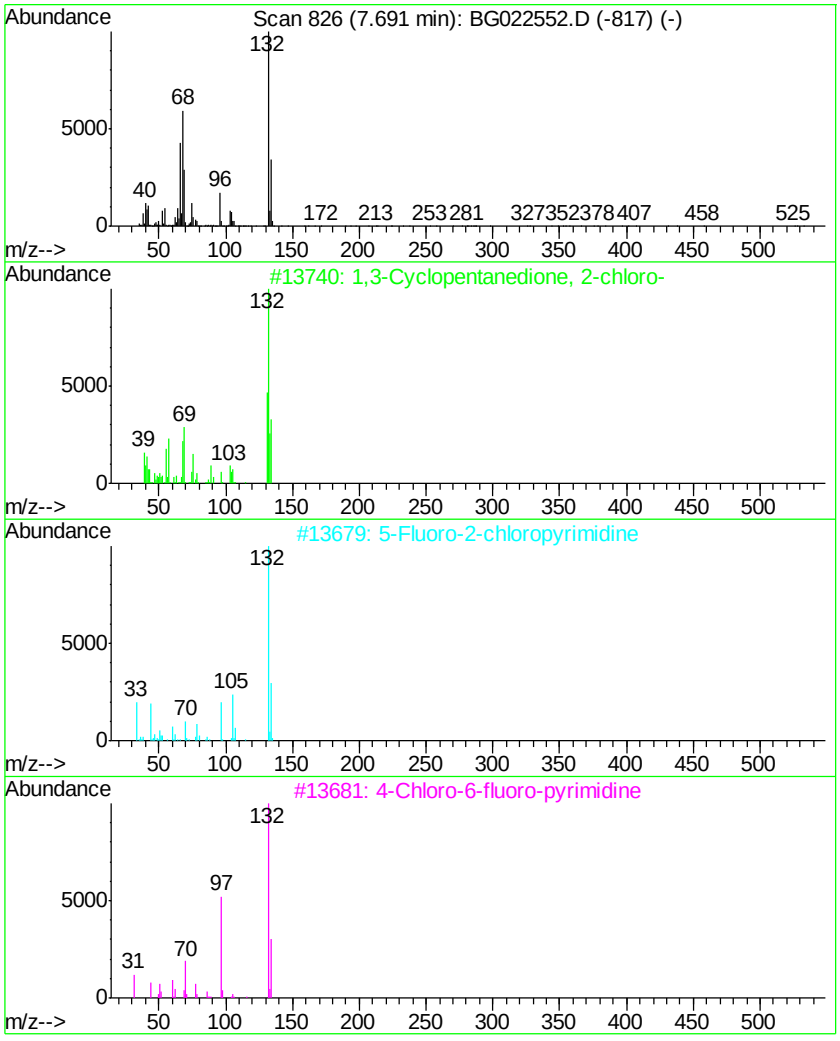
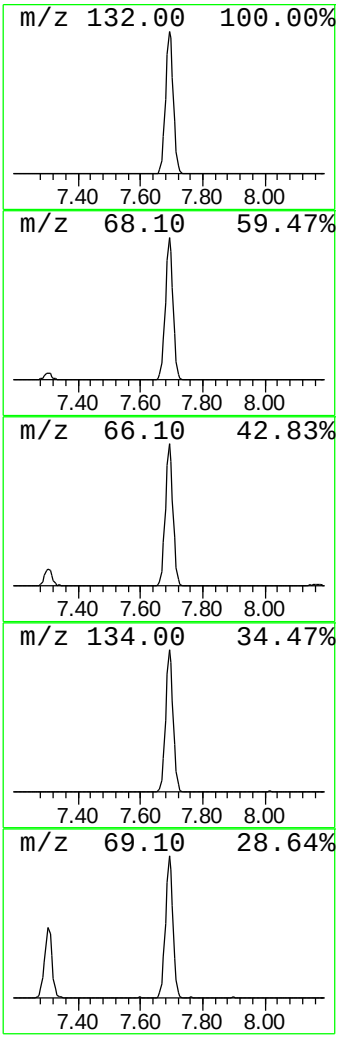
Peak Number 3 unknown7.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	105.41 ng	4124030	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	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

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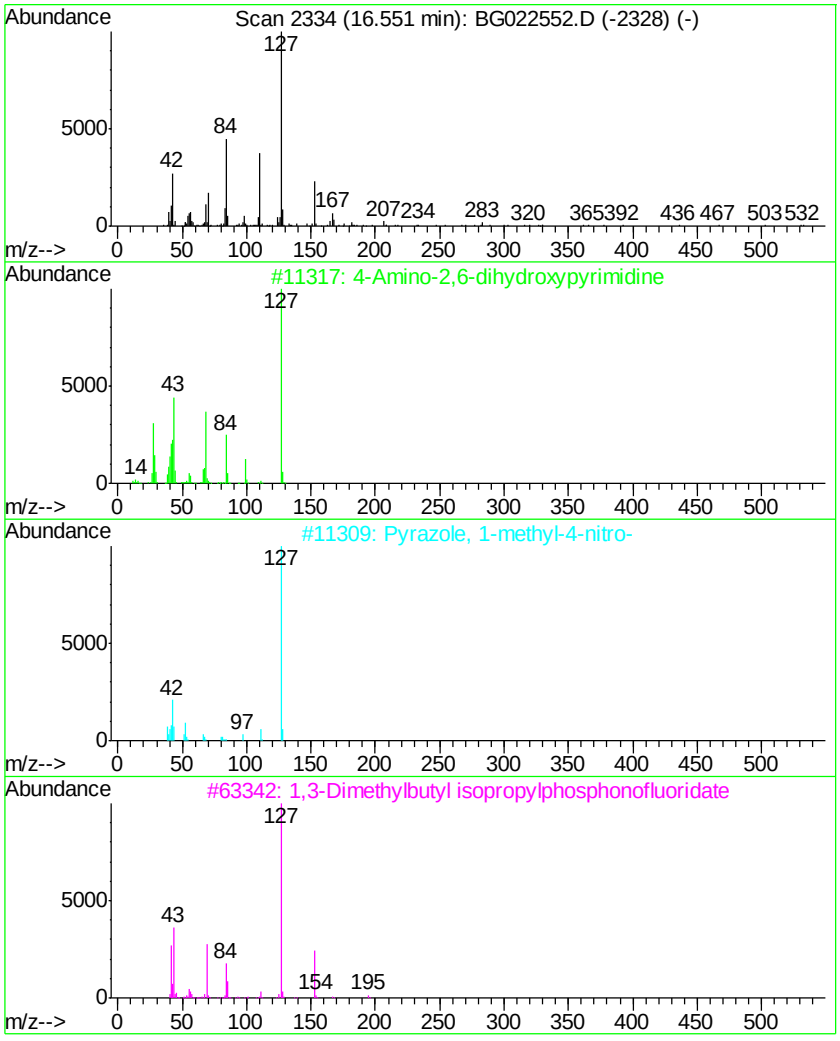
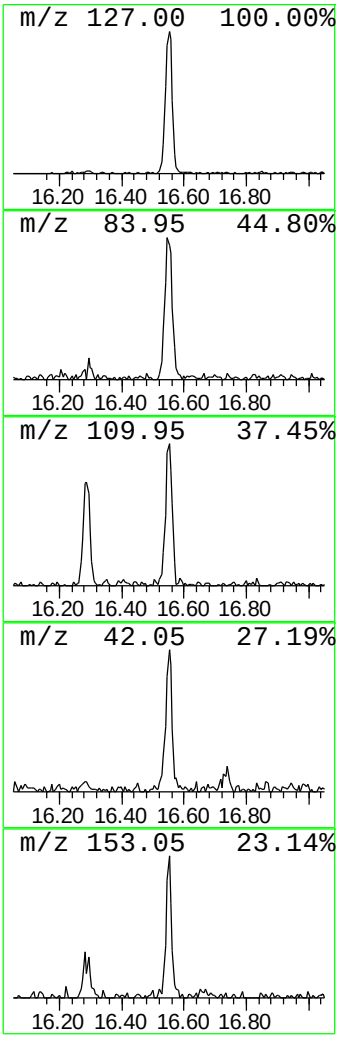
Peak Number 5 unknown16.55 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.55	2.47 ng	282169	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-2,6-dihydroxypyrimidine	127	C4H5N3O2	000873-83-6	47
2	Pyrazole, 1-methyl-4-nitro-	127	C4H5N3O2	003994-50-1	43
3	1,3-Dimethylbutyl isopropylphosp...	210	C9H20FO2P	1000298-25-6	38
4	1,3-Dimethylbutyl propylphosphon...	210	C9H20FO2P	1000298-29-0	38
5	2-Hydroxy-4-hydroxylaminopyrimidine	127	C4H5N3O2	020555-88-8	37





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

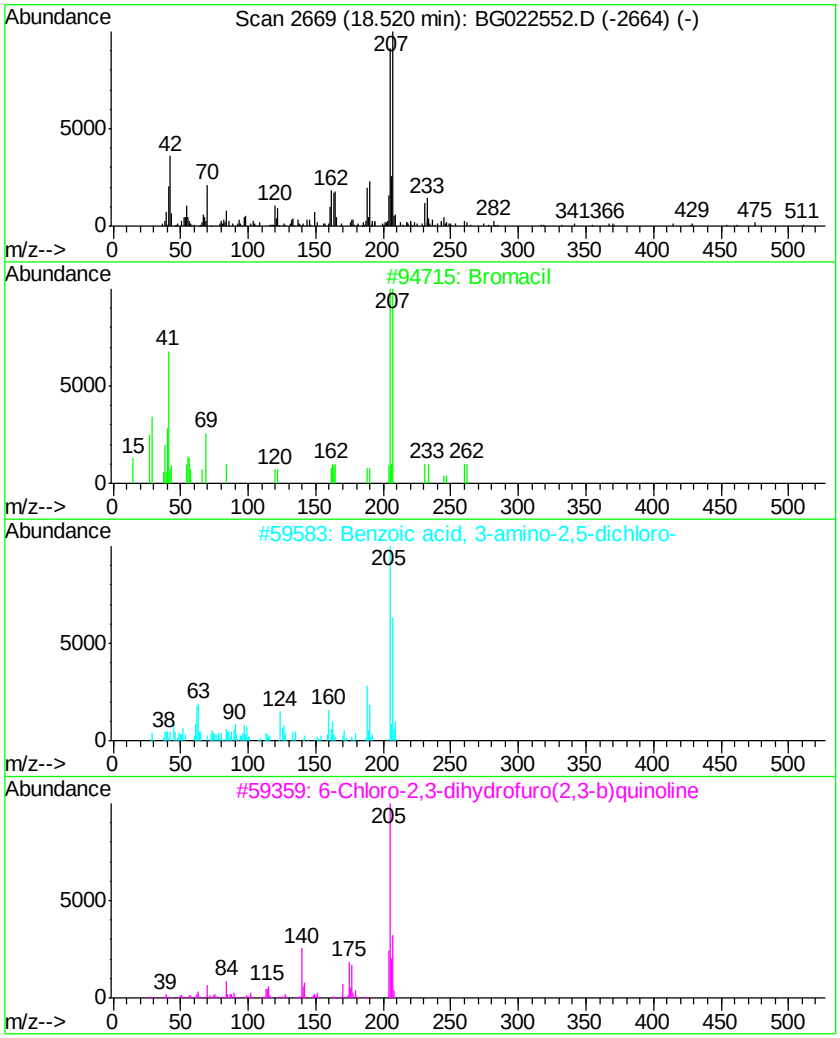
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

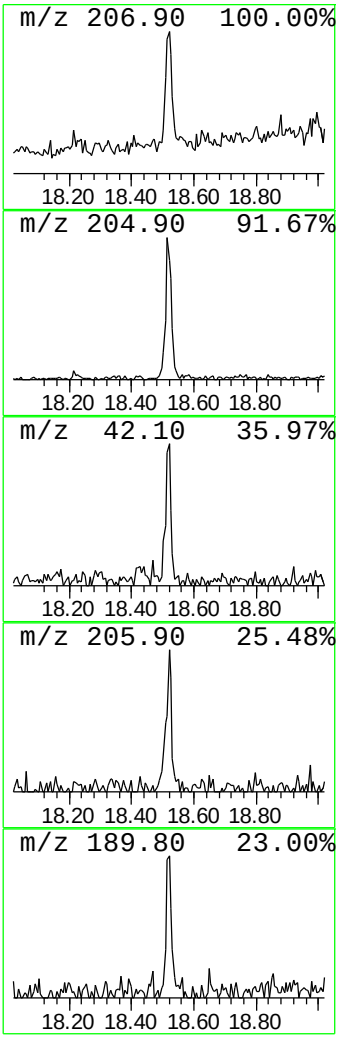
****

Peak Number 6 Bromacil Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	2.01 ng	229665	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	76
2	Benzoic acid, 3-amino-2,5-dichloro-	205	C7H5Cl2NO2	000133-90-4	38
3	6-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-84-1	38
4	2,3,4,5,6-Pentafluorophenylaceto...	207	C8H2F5N	000653-30-5	38
5	8-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	095322-67-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

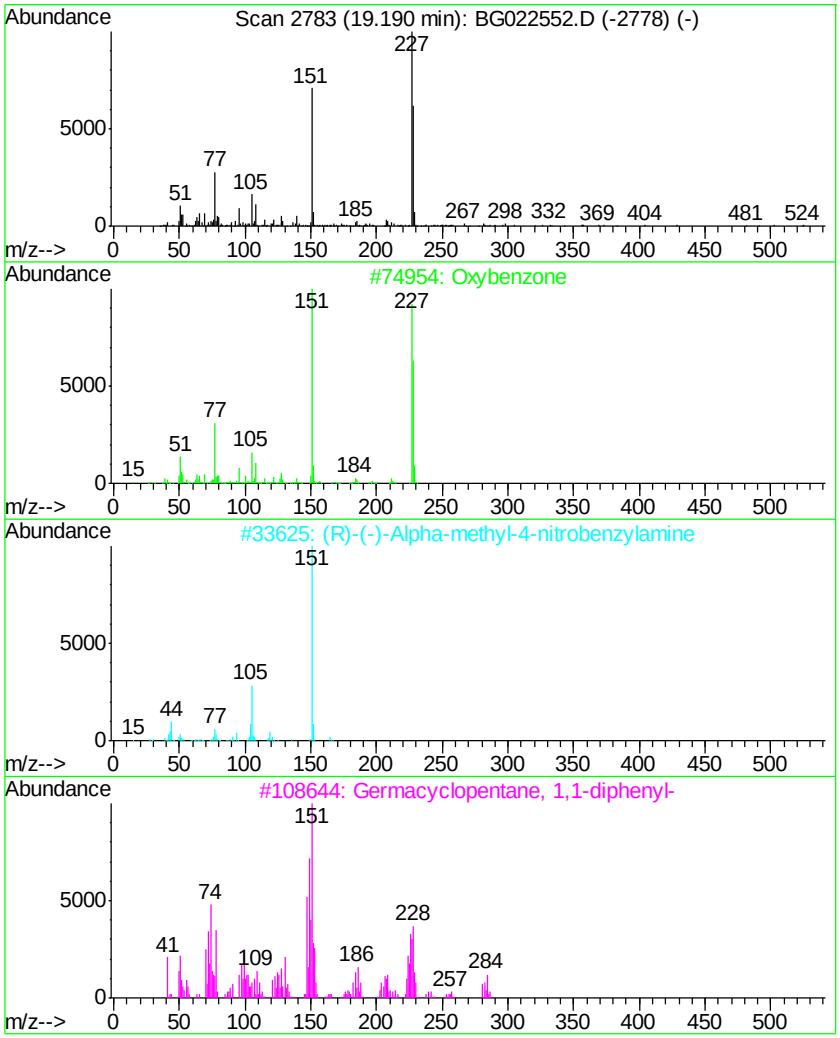
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

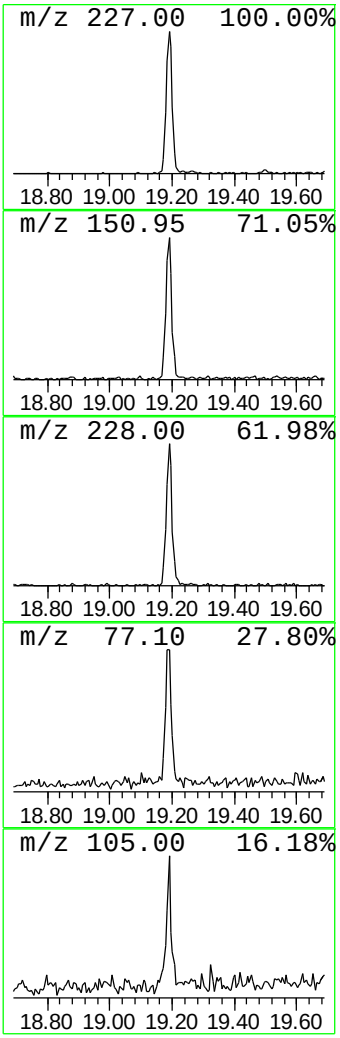
****

Peak Number 7 Oxybenzone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	3.53 ng	403518	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	94
2	(R)-(-)-Alpha-methyl-4-nitrobenz...	166	C8H10N2O2	022038-87-5	11
3	Germacyclopentane, 1,1-diphenyl-	284	C16H18Ge	004514-06-1	11
4	(S)-(+)-Alpha-methyl-4-nitrobenz...	166	C8H10N2O2	004187-53-5	11
5	Ethamivan	223	C12H17NO3	000304-84-7	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

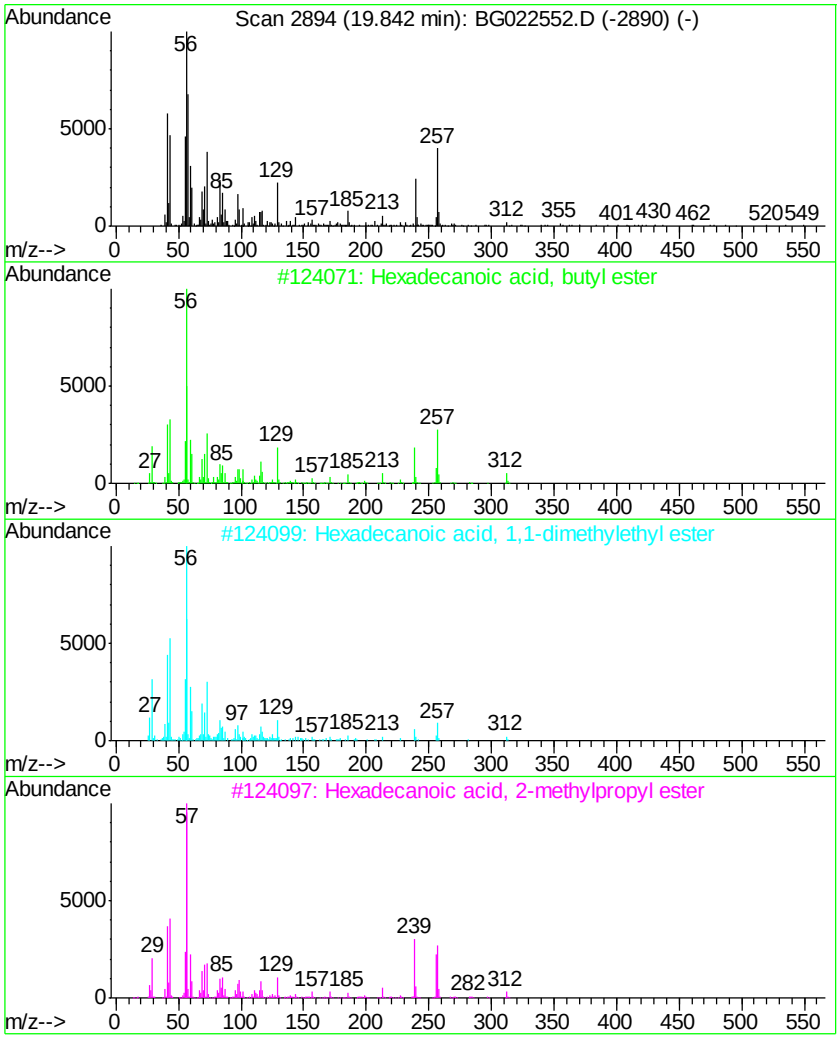
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

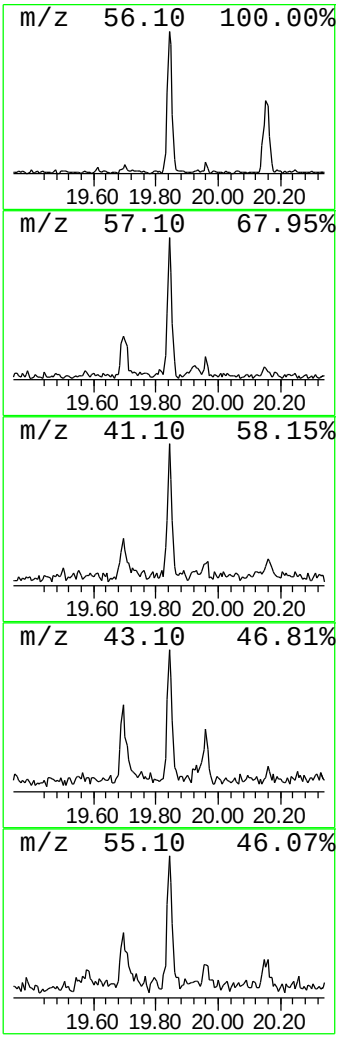
****

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	3.27 ng	457436	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	64
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	42
4	1,5-Pentanediol	104	C5H12O2	000111-29-5	10
5	Ethyl 3,3,3-trifluoro-2-propiona...	386	C15H16F6N2O3	1000225-41-0	10





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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

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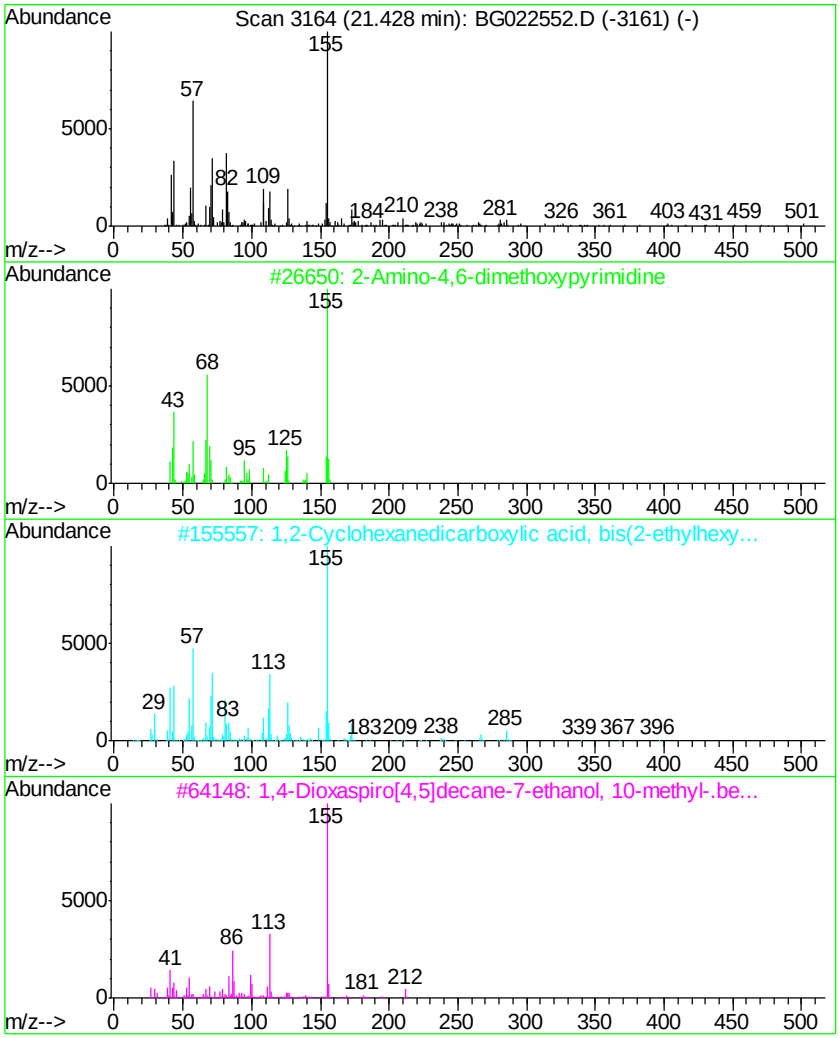
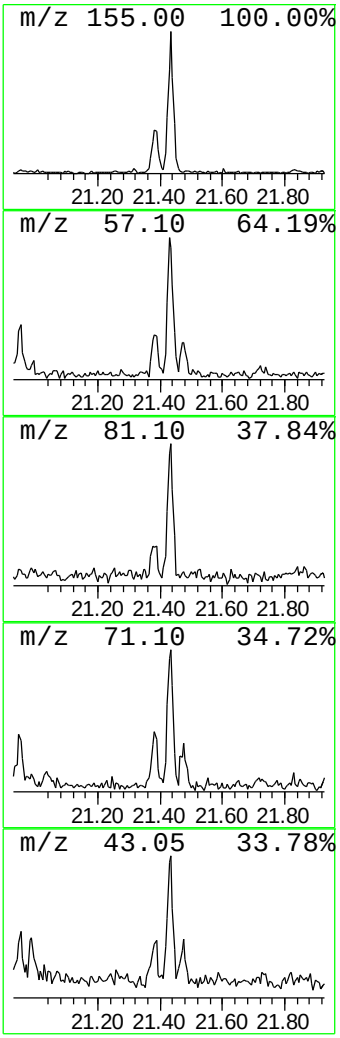
Peak Number 9 unknown21.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	2.23 ng	312399	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	42
2	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	40
3	1,4-Dioxaspiro[4,5]decane-7-etha...	212	C12H20O3	020489-42-3	33
4	Benzaldehyde, 4-chloro-2-nitro-	185	C7H4ClNO3	005551-11-1	32
5	1-Naphthalenebutanoic acid, .gam...	228	C14H12O3	004653-13-8	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022552.D
Acq On : 25 Jun 2016 00:07
Operator : UM/SJ
Sample : H3633-11
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEPMW1A-11

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
Trichloroethylene	3.53	7.8	ng	306296	1	8.17	782487	20.0
2-Pentanone, 4-hy...	5.24	5.5	ng	217208	1	8.17	782487	20.0
unknown7.69	7.69	105.4	ng	4124030	1	8.17	782487	20.0
unknown16.55	16.55	2.5	ng	282169	4	17.56	2288820	20.0
Bromacil	18.52	2.0	ng	229665	4	17.56	2288820	20.0
Oxybenzone	19.19	3.5	ng	403518	4	17.56	2288820	20.0
Hexadecanoic acid...	19.84	3.3	ng	457436	5	21.85	2801990	20.0
unknown21.43	21.43	2.2	ng	312399	5	21.85	2801990	20.0