LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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	5.240	405	409	416	rBV	203127	301177	2.20%	0.417%
2	5.710	480	489	498	rBV	1536452	2556087	18.70%	3.543%
3	7.308	752	761	769	rBV	1376515	2377879	17.40%	3.296%
4	7.690	818	826	837	rBV	2641249	4656133	34.07%	6.454%
5	8.166	899	907	913	rBV	565391	982262	7.19%	1.362%
6	8.489	954	962	970	rBV	2256802	3970159	29.05%	5.503%
7	9.335	1099	1106	1114	rVB	2115066	3792851	27.75%	5.258%
8	10.986	1380	1387	1391	rBV	750577	1372918	10.05%	1.903%
9	11.027	1391	1394	1401	rVB	721651	1125071	8.23%	1.560%
10	11.333	1440	1446	1455	rBV	571557	1005422	7.36%	1.394%
11	13.331	1781	1786	1795	rBV3	99942	242765	1.78%	0.337%
12	13.425	1795	1802	1808	rVB	5253763	8613545	63.02%	11.940%
13	14.059	1905	1910	1913	rBV3	100352	164424	1.20%	0.228%
14	14.799	2027	2036	2043	rBV2	1352202	2136259	15.63%	2.961%
15	15.863	2208	2217	2225	rBV	324468	492290	3.60%	0.682%
16	16.292	2281	2290	2298	rBV	5605983	8654004	63.32%	11.996%
17	16.550	2327	2334	2343	rVB2	158283	253161	1.85%	0.351%
18	17.461	2485	2489	2495	rBV	281195	367876	2.69%	0.510%
19	17.555	2499	2505	2513	rVB2	1800621	2714694	19.86%	3.763%
20	18.007	2578	2582	2586	rBV3	113935	148198	1.08%	0.205%
21	18.166	2604	2609	2614	rVB2	609388	754786	5.52%	1.046%
22	18.430	2650	2654	2658	rBV5	120937	178097	1.30%	0.247%
23	18.524	2665	2670	2675	rVB3	363323	516898	3.78%	0.717%
24	19.194	2778	2784	2790	rBV	2271642	3093617	22.64%	4.288%
25	19.694	2866	2869	2877	rBV4	166955	271898	1.99%	0.377%
26	19.846	2891	2895	2900	rVB2	218516	277784	2.03%	0.385%
27	20.158	2942	2948	2954	rBV	9521969	13666940	100.00%	18.945%
28	21.386	3154	3157	3160	rVB2	184548	196960	1.44%	0.273%
29	21.433	3161	3165	3170	rVV	517648	686476	5.02%	0.952%
30	21.850	3229	3236	3244	rVB2	1935777	3175440	23.23%	4.402%
31	22.555	3353	3356	3361	rVB7	129709	204463	1.50%	0.283%
32	25.211	3798	3808	3825	rVB2	1054937	3190767	23.35%	4.423%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TEMW2-17

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

Sum of corrected areas: 72141301

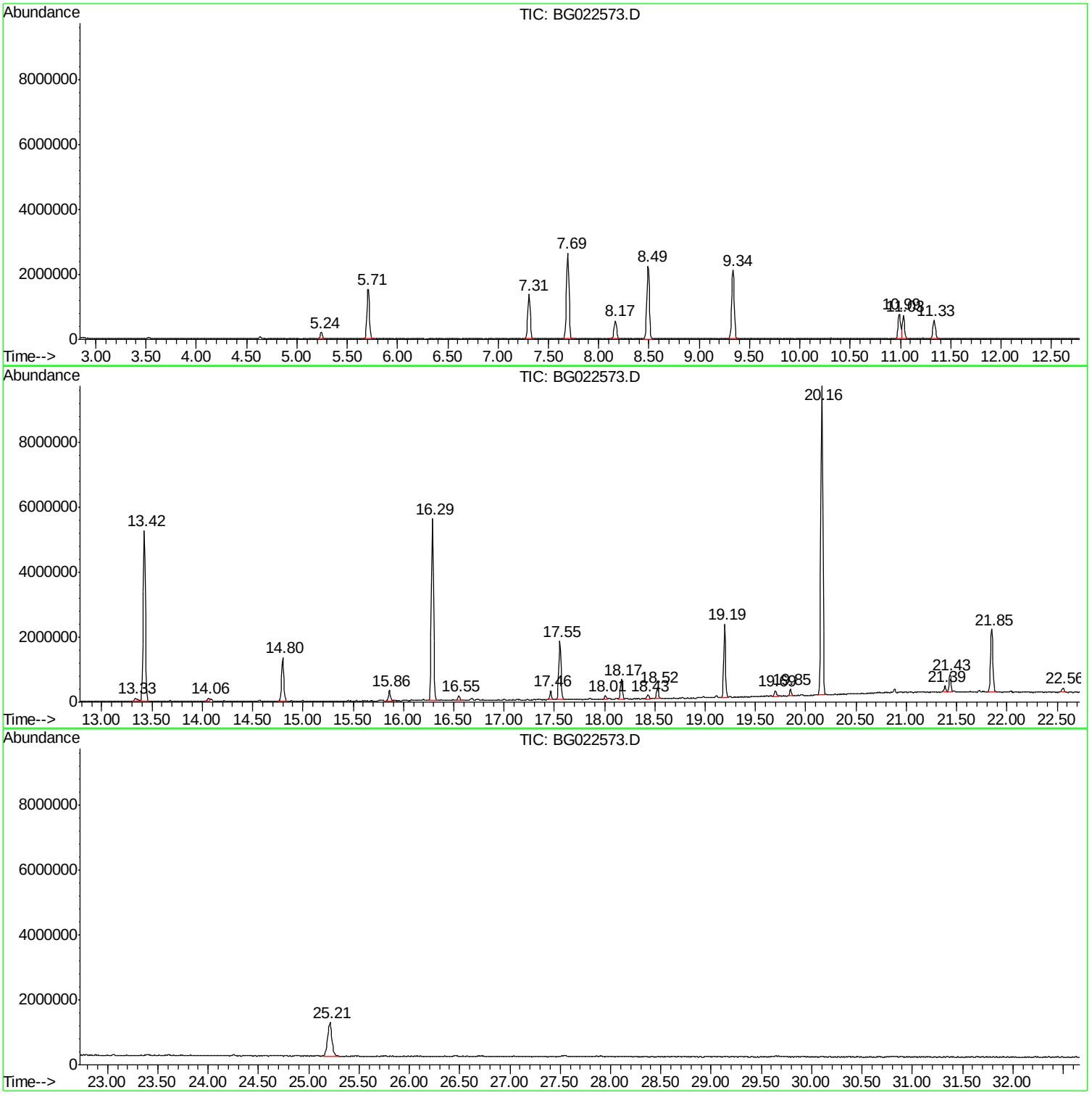
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
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Instrument : BNA_G
ClientSampleId : TEMW2-17

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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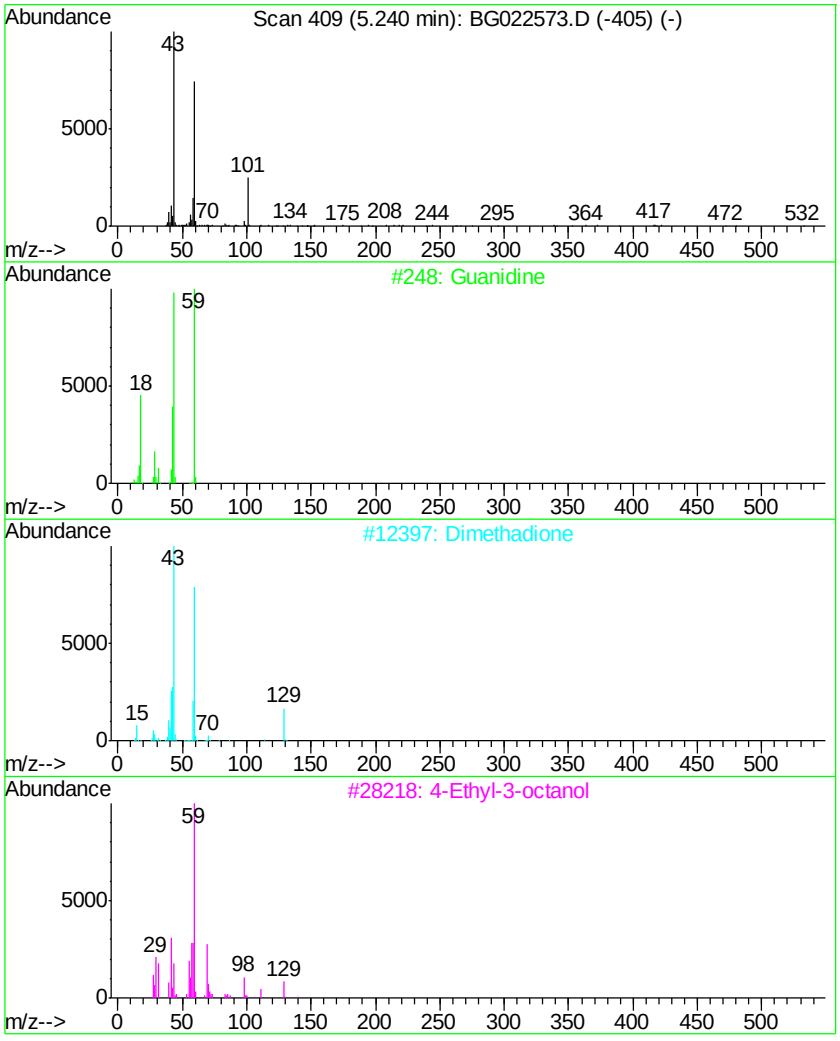
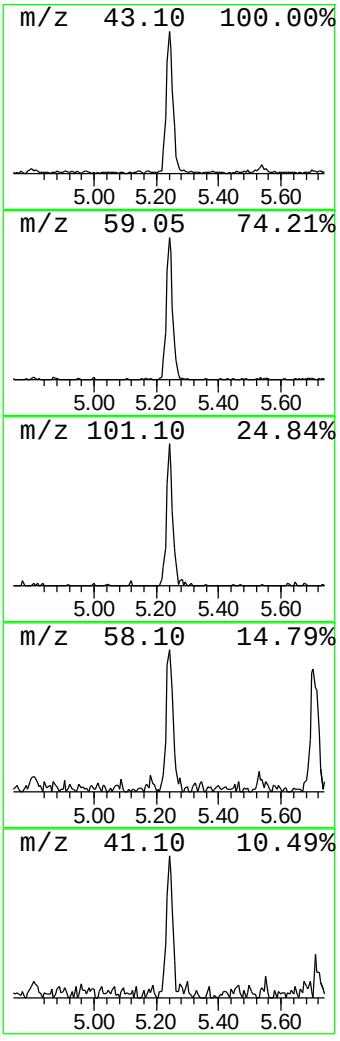
Peak Number 1 unknown5.24 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.24	6.13 ng	301177	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	40
2	Dimethadione	129	C5H7NO3	000695-53-4	38
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	38
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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

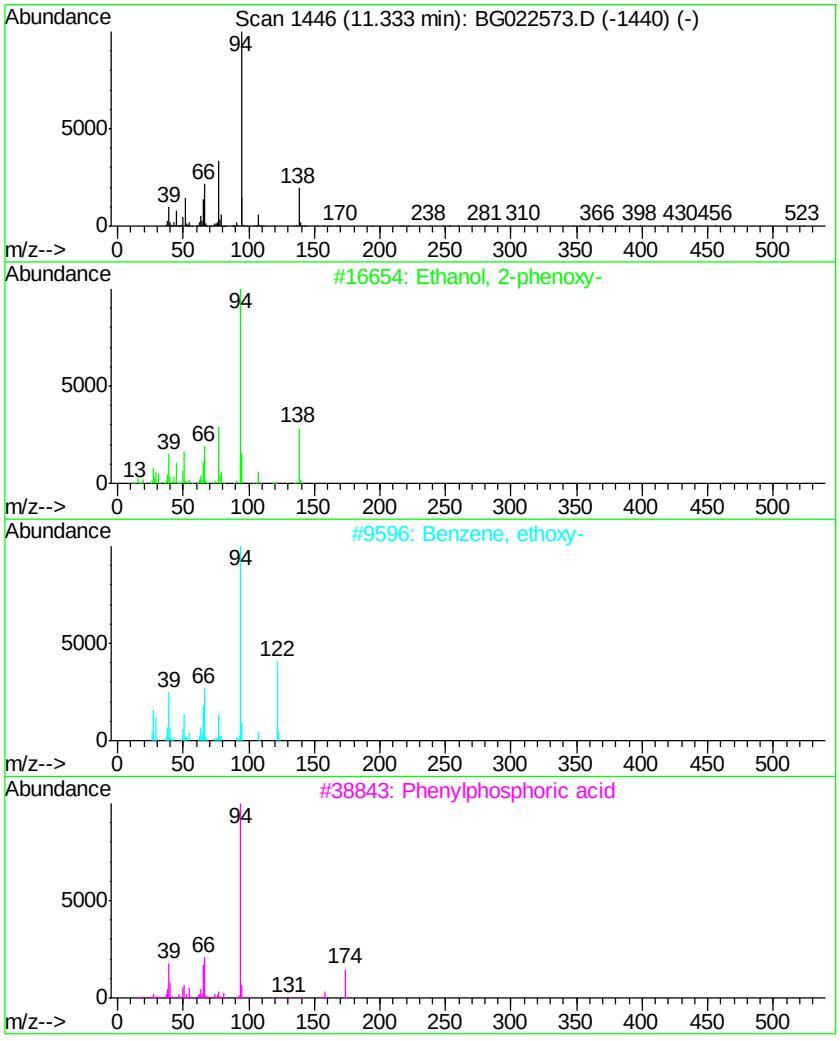
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

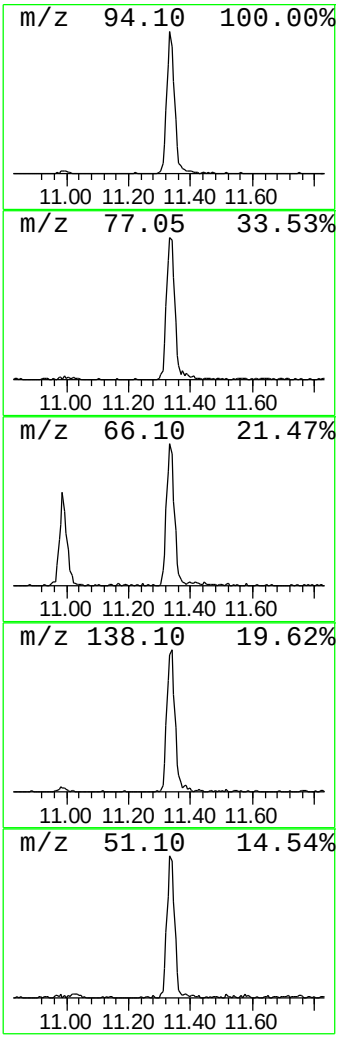
****

Peak Number 4 Ethanol, 2-phenoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.33	14.65 ng	1005420	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	97
2	Benzene, ethoxy-	122	C8H10O	000103-73-1	72
3	Phenylphosphoric acid	174	C6H7O4P	000701-64-4	59
4	Phenol	94	C6H6O	000108-95-2	59
5	Acetic acid, phenyl ester	136	C8H8O2	000122-79-2	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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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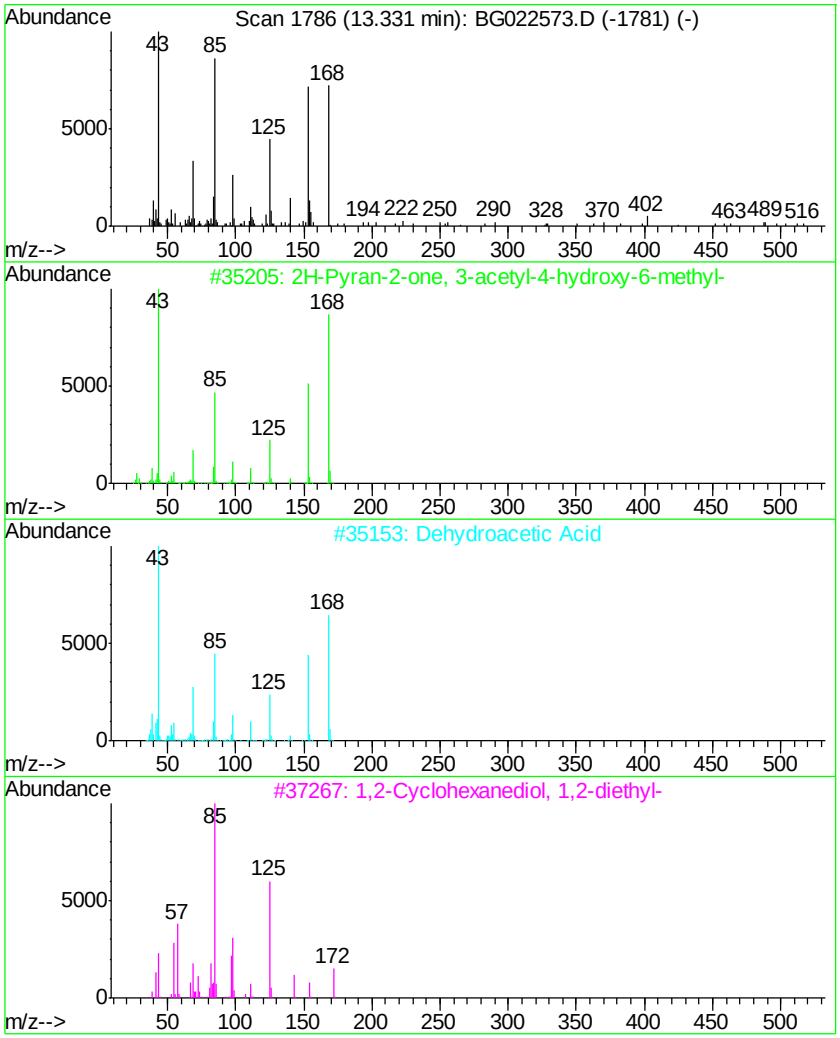
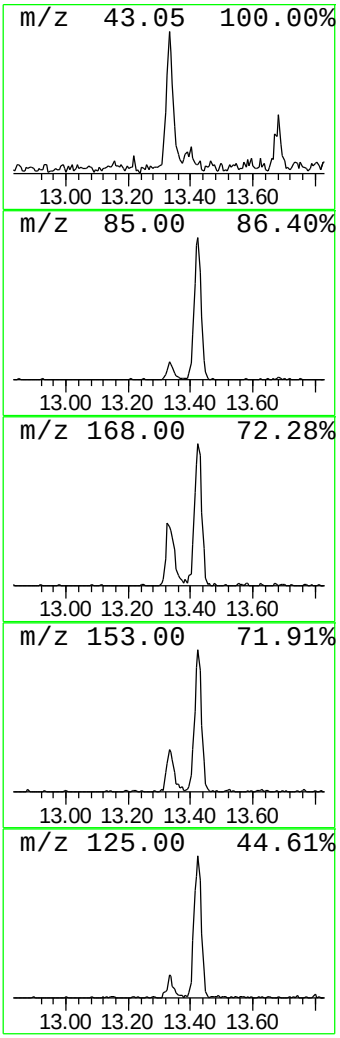
Peak Number 5 2H-Pyran-2-one, 3-acetyl-4-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	2.27 ng	242765	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran-2-one, 3-acetyl-4-hydro...	168	C8H8O4	000771-03-9	90
2	Dehydroacetic Acid	168	C8H8O4	000520-45-6	87
3	1,2-Cyclohexanediol, 1,2-diethyl-	172	C10H20O2	056363-86-1	38
4	1,2,4-Trimethoxybenzene	168	C9H12O3	000135-77-3	38
5	7-Octene-2,4-dione	140	C8H12O2	010151-22-1	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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

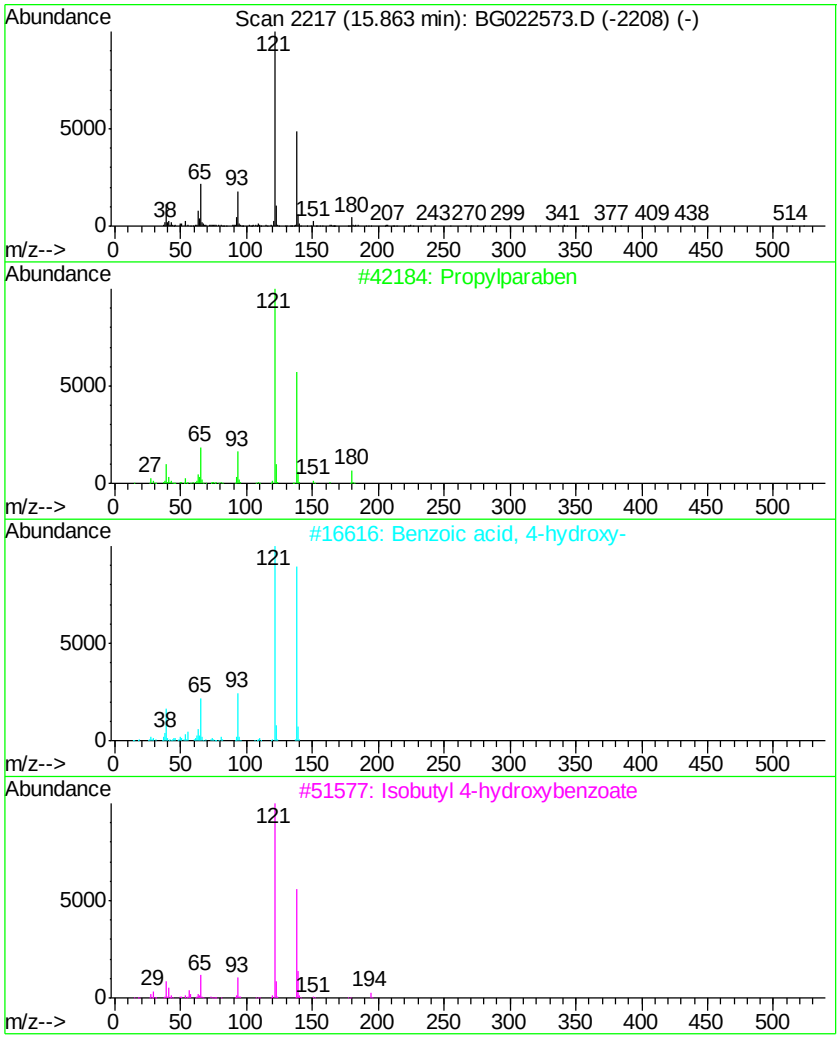
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

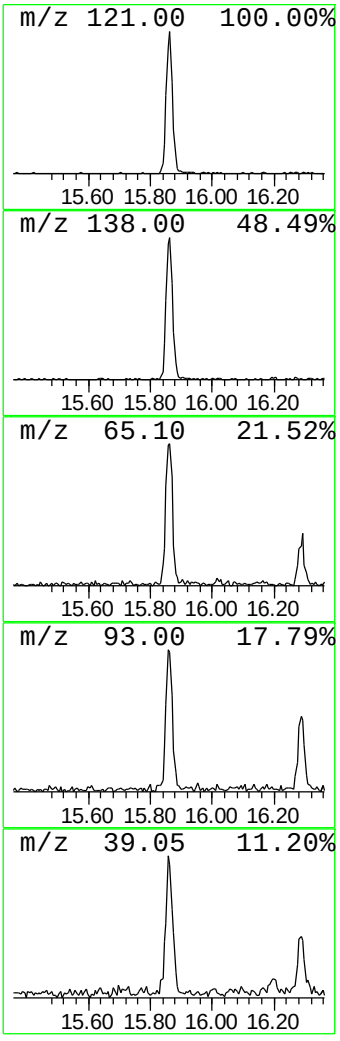
****

Peak Number 6 Propylparaben Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.86	4.61 ng	492290	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylparaben	180	C10H12O3	000094-13-3	94
2	Benzoic acid, 4-hydroxy-	138	C7H6O3	000099-96-7	80
3	Isobutyl 4-hydroxybenzoate	194	C11H14O3	004247-02-3	64
4	Ethylparaben	166	C9H10O3	000120-47-8	64
5	1-Propanone, 1-(4-hydroxyphenyl)...	164	C10H12O2	034917-91-4	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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

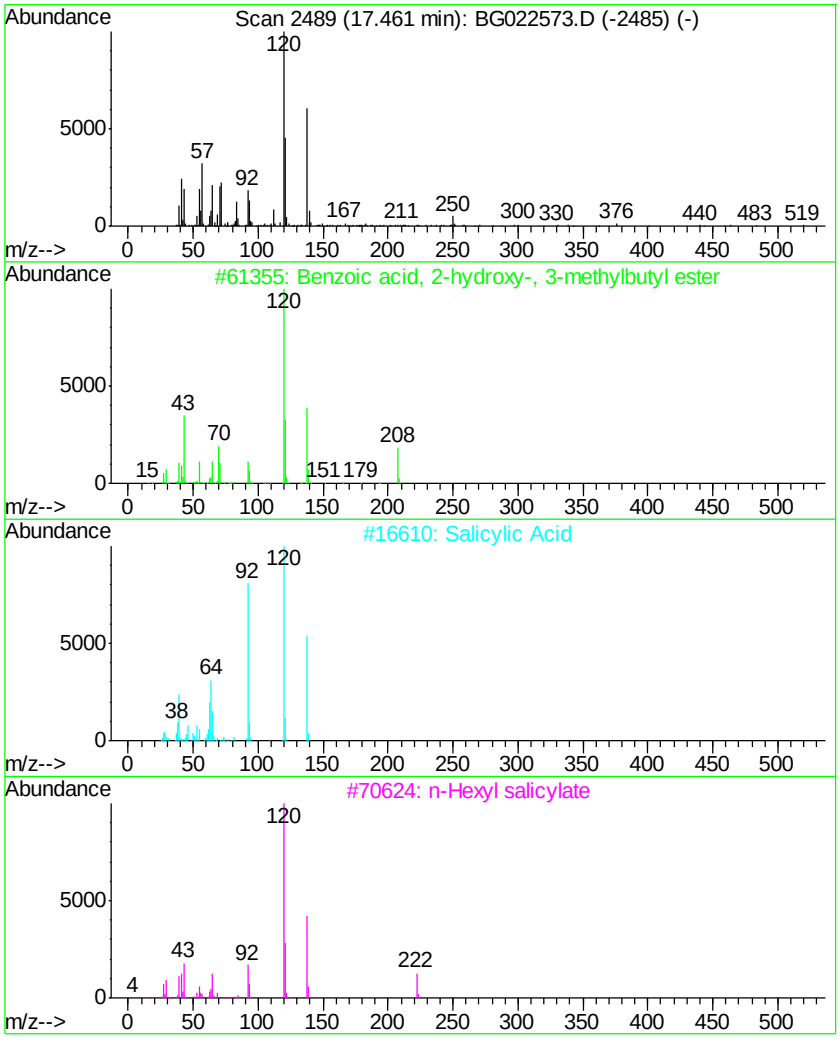
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

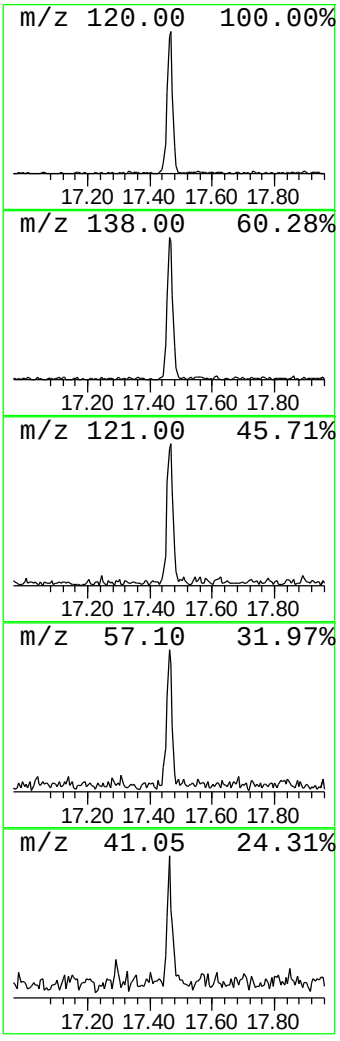
****

Peak Number 7 Benzoic acid, 2-hydroxy-, 3... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	2.71 ng	367876	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-hydroxy-, 3-meth...	208	C12H16O3	000087-20-7	72
2	Salicylic Acid	138	C7H6O3	000069-72-7	58
3	n-Hexyl salicylate	222	C13H18O3	006259-76-3	53
4	Benzoic acid, 2-hydroxy-, pentyl...	208	C12H16O3	002050-08-0	53
5	Benzoic acid, 2-hydroxy-, 2-meth...	194	C11H14O3	000087-19-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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

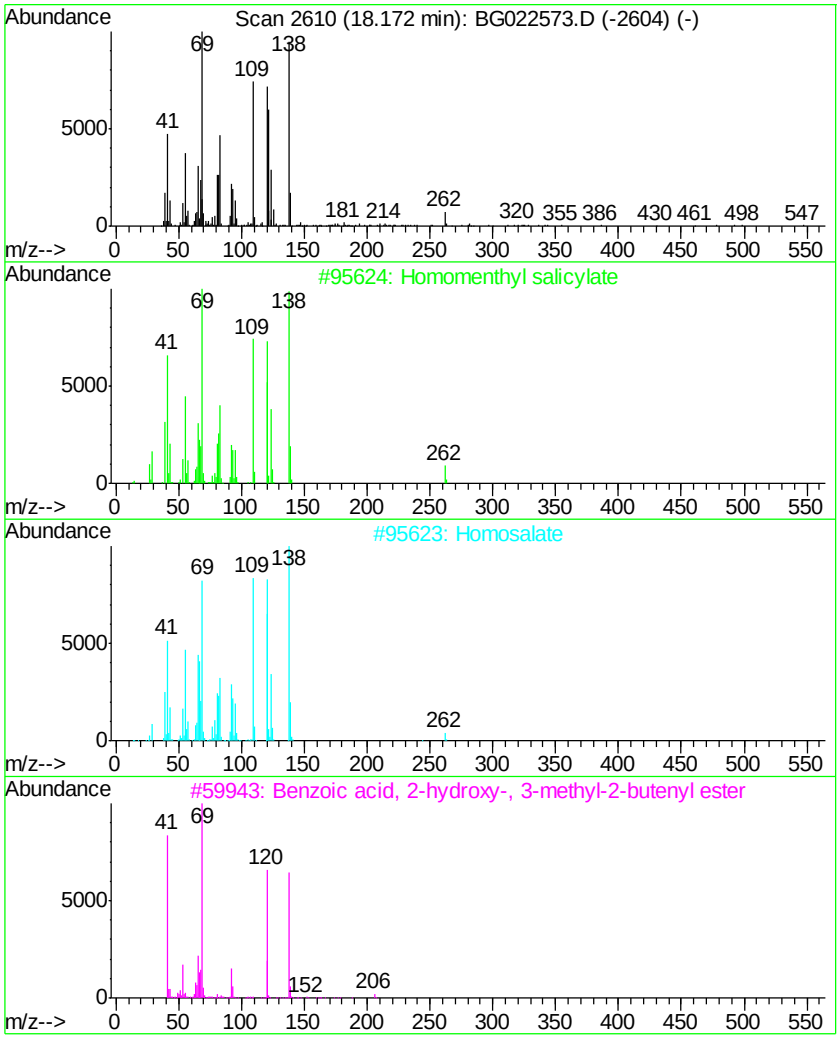
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

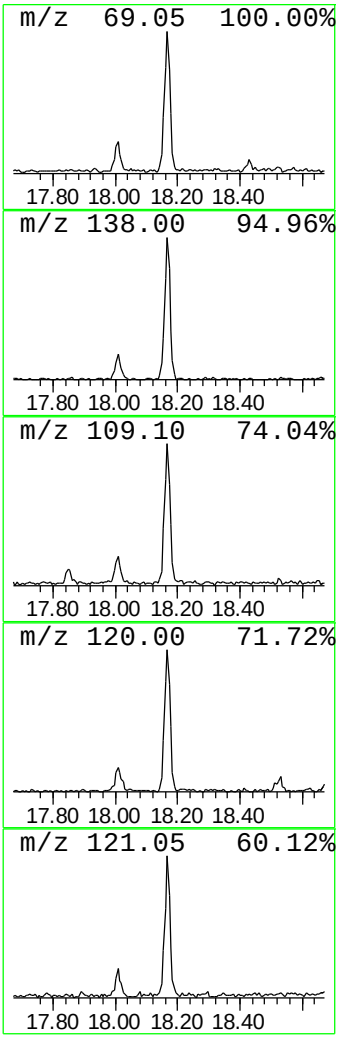
****

Peak Number 8 Homomenthyl salicylate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.17	5.56 ng	754786	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Homomenthyl salicylate	262	C16H22O3	052253-93-7	90
2	Homosalate	262	C16H22O3	000118-56-9	86
3	Benzoic acid, 2-hydroxy-, 3-meth...	206	C12H14O3	068555-58-8	49
4	3-Amino-4,6-dimethylpyridone-2(1H)	138	C7H10N2O	143708-29-6	35
5	4,6-Dimethyl-2-pyrimidinylhydrazine	138	C6H10N4	023906-13-0	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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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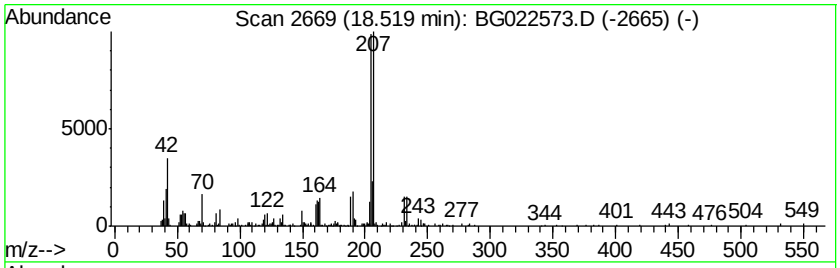
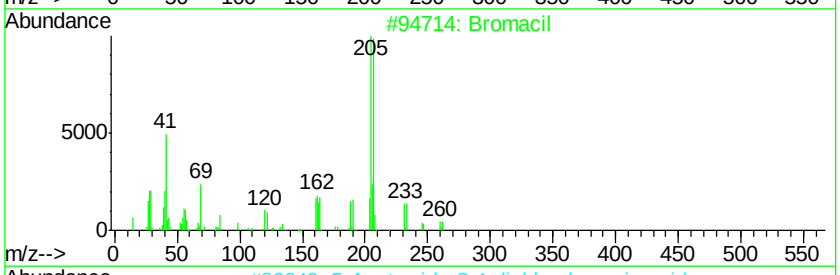
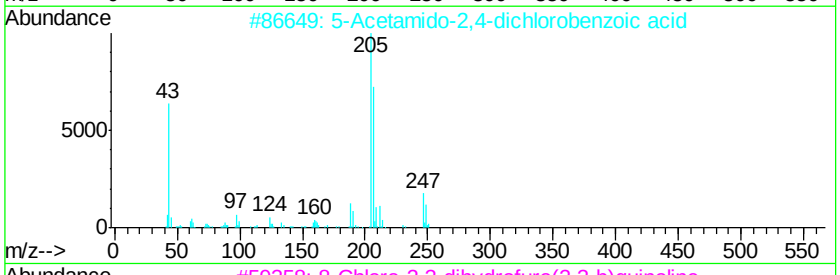
Peak Number 9 Bromacil Concentration Rank 9

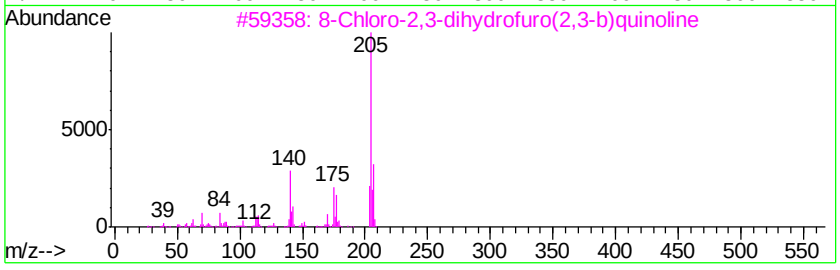
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.81 ng	516898	Phenanthrene-d10	17.56

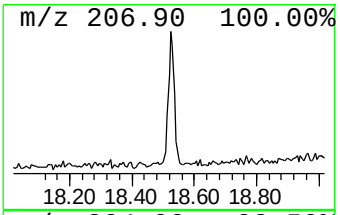
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromacil	260	C9H13BrN2O2	000314-40-9	78
2	5-Acetamido-2,4-dichlorobenzoic ...	247	C9H7Cl2NO3	050602-49-8	59
3	8-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	095322-67-1	46
4	5-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-92-1	43
5	6-Chloro-2,3-dihydrofuro(2,3-b)q...	205	C11H8ClNO	064124-84-1	38

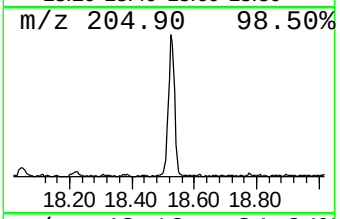


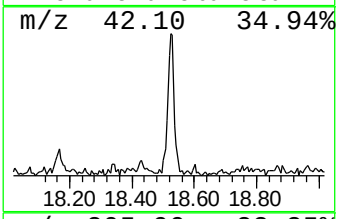


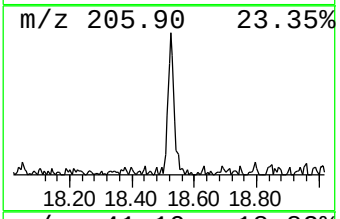


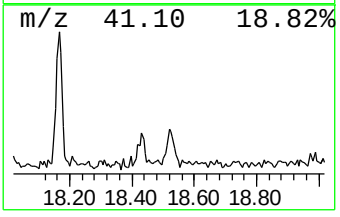












Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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

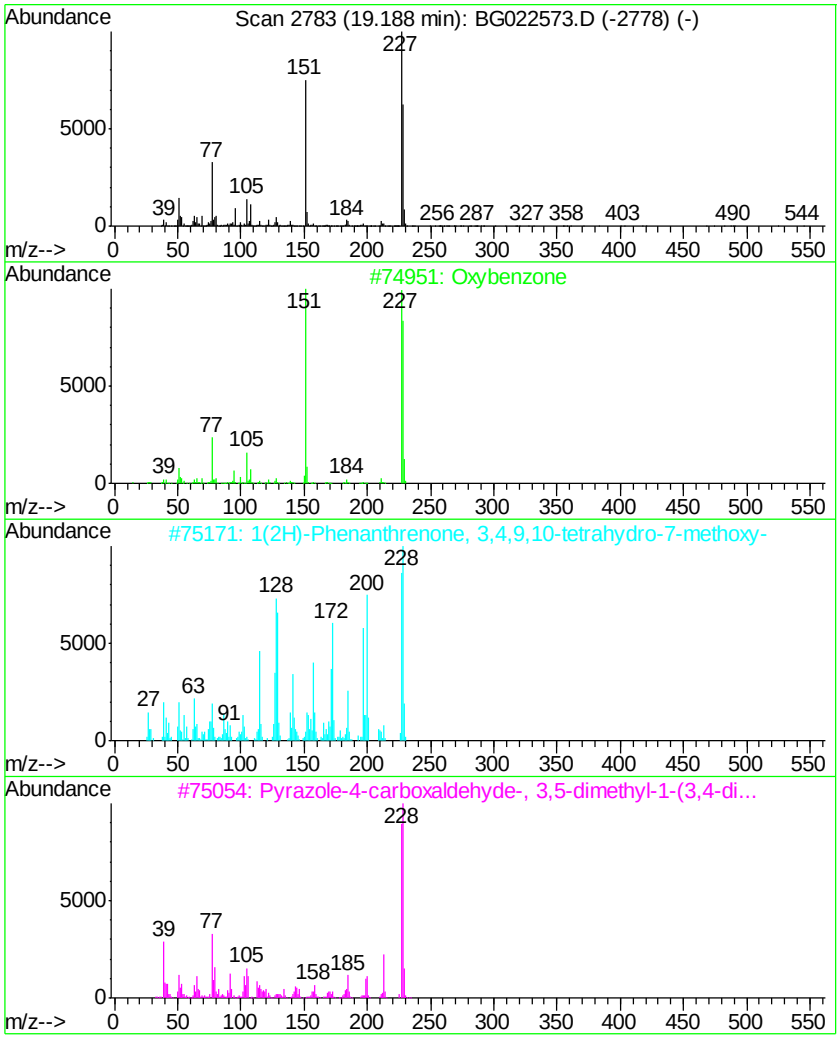
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

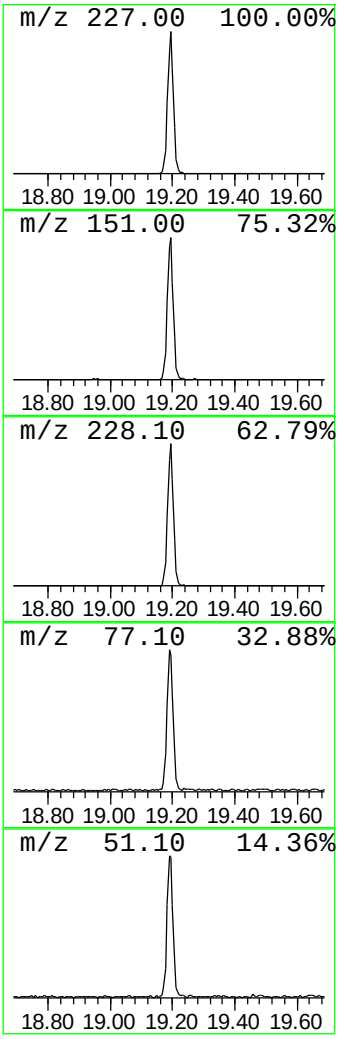
****

Peak Number 10 Oxybenzone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	22.79 ng	3093620	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxybenzone	228	C14H12O3	000131-57-7	96
2	1(2H)-Phenanthrenone, 3,4,9,10-t...	228	C15H16O2	014427-61-3	38
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	35
4	4'-Methyl-3-(2-thienyl)acrylophe...	228	C14H12OS	006028-89-3	18
5	Benzaldehyde, 3-(4-methoxyphenoxy)-	228	C14H12O3	062373-80-2	14





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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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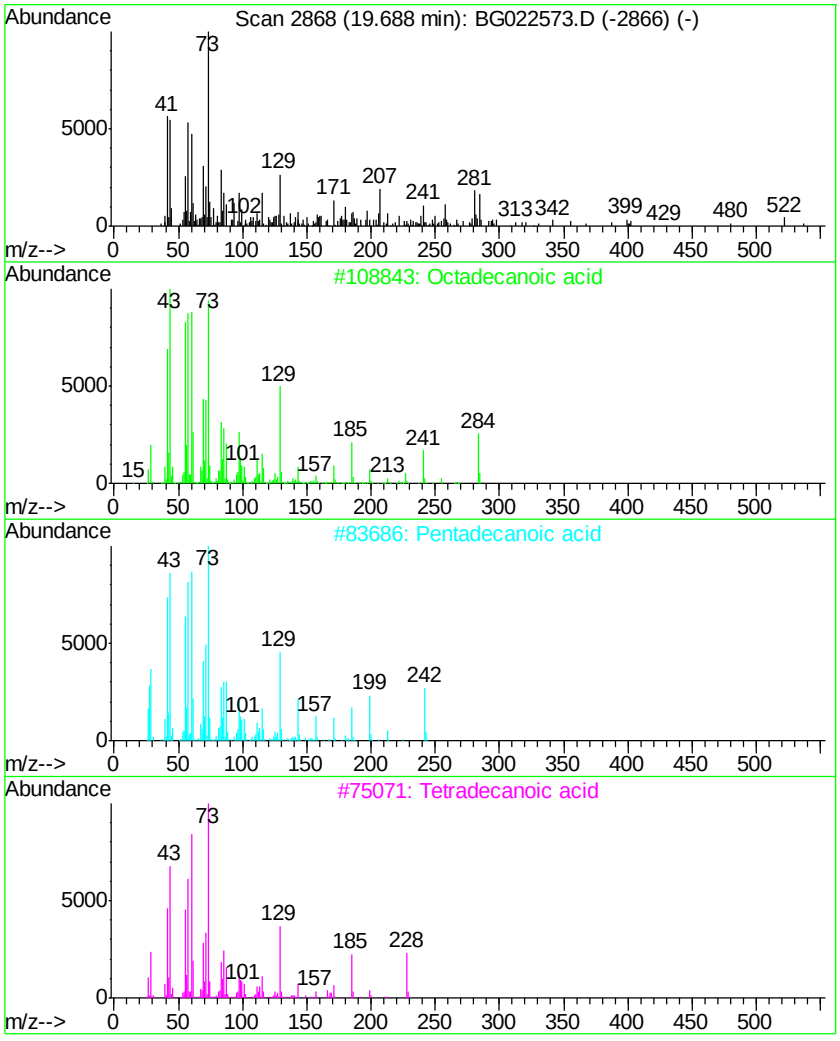
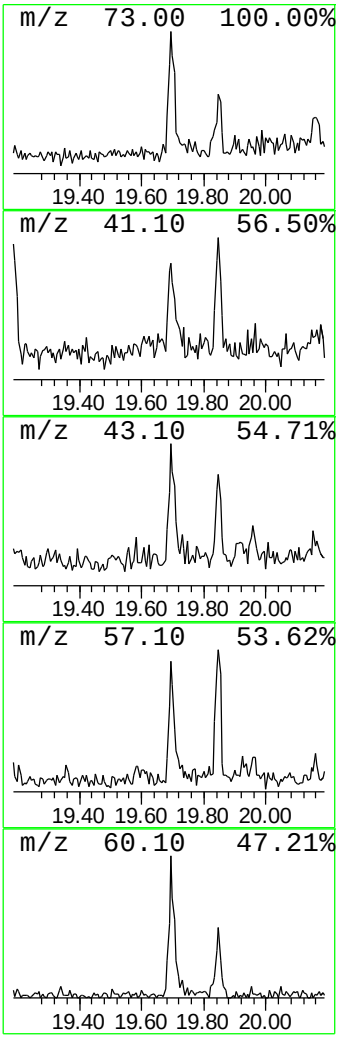
Peak Number 11 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.69	2.00 ng	271898	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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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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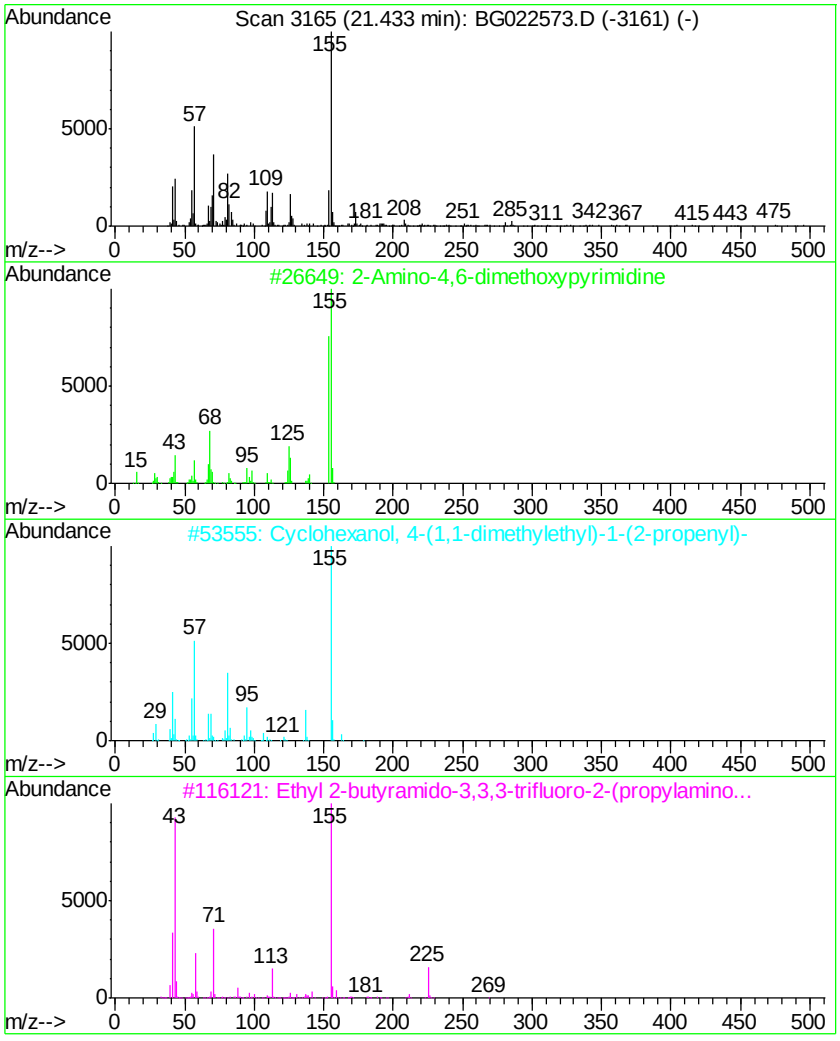
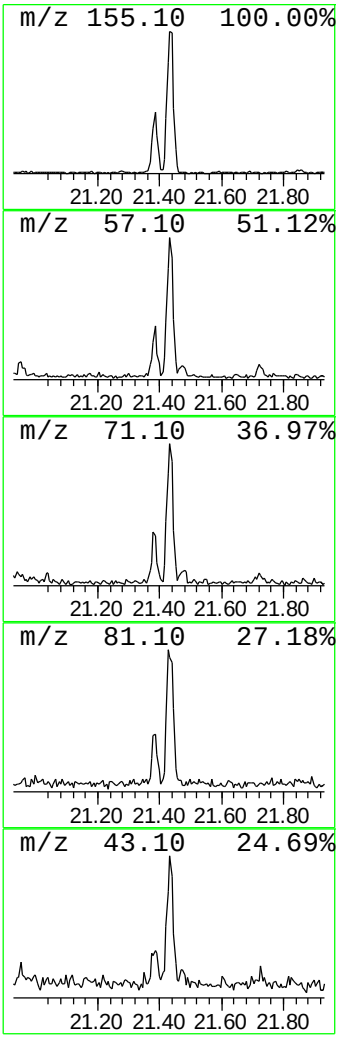
Peak Number 12 unknown21.43 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.43	4.32 ng	686476	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-4,6-dimethoxypyrimidine	155	C6H9N3O2	036315-01-2	38
2	Cyclohexanol, 4-(1,1-dimethyleth...	196	C13H24O	025201-49-4	37
3	Ethyl 2-butyramido-3,3,3-trifluo...	298	C12H21F3N2O3	1000224-23-4	36
4	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	27
5	6-Amino-1,3-dimethyluracil	155	C6H9N3O2	006642-31-5	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062516\
Data File : BG022573.D
Acq On : 25 Jun 2016 14:07
Operator : UM/SJ
Sample : H3633-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEMW2-17

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
unknown5.24	5.24	6.1	ng	301177	1	8.17	982262	20.0
Ethanol, 2-phenoxy-	11.33	14.7	ng	1005420	2	10.99	1372920	20.0
2H-Pyran-2-one, 3...	13.33	2.3	ng	242765	3	14.80	2136260	20.0
Propylparaben	15.86	4.6	ng	492290	3	14.80	2136260	20.0
Benzoic acid, 2-h...	17.46	2.7	ng	367876	4	17.56	2714690	20.0
Homomenthyl salic...	18.17	5.6	ng	754786	4	17.56	2714690	20.0
Bromacil	18.52	3.8	ng	516898	4	17.56	2714690	20.0
Oxybenzone	19.19	22.8	ng	3093620	4	17.56	2714690	20.0
Octadecanoic acid	19.69	2.0	ng	271898	4	17.56	2714690	20.0
unknown21.43	21.43	4.3	ng	686476	5	21.85	3175440	20.0