LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.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	3.182	12	16	25	rVB3	26533	43735	2.20%	0.543%
2	5.144	345	350	359	rBV3	11471	22649	1.14%	0.281%
3	5.608	422	429	438	rVB	159274	272334	13.72%	3.383%
4	7.206	692	701	711	rBV	100981	184298	9.28%	2.290%
5	7.588	758	766	774	rBV	287088	514887	25.94%	6.397%
6	8.058	839	846	854	rVB	80150	137018	6.90%	1.702%
7	8.382	894	901	911	rVB	271144	495013	24.94%	6.150%
8	9.233	1039	1046	1062	rBV	237965	450054	22.67%	5.591%
9	10.879	1318	1326	1336	rBV	102920	193208	9.73%	2.400%
10	13.317	1732	1741	1755	rBV	660785	1045183	52.66%	12.985%
11	14.698	1968	1976	1983	rBV2	169319	290139	14.62%	3.605%
12	16.184	2223	2229	2242	rBV	542068	869261	43.79%	10.799%
13	17.441	2437	2443	2455	rVB	254704	404664	20.39%	5.027%
14	18.088	2547	2553	2560	rVB	91710	122264	6.16%	1.519%
15	18.523	2622	2627	2633	rBV	46701	72927	3.67%	0.906%
16	18.899	2685	2691	2696	rVB2	21930	28700	1.45%	0.357%
17	20.044	2880	2886	2896	rBV	1491064	1984926	100.00%	24.660%
18	21.725	3165	3172	3183	rVB2	273787	476960	24.03%	5.926%
19	25.021	3723	3733	3745	rVB2	148731	441026	22.22%	5.479%

Sum of corrected areas: 8049246

LSC Report - Integrated Chromatogram

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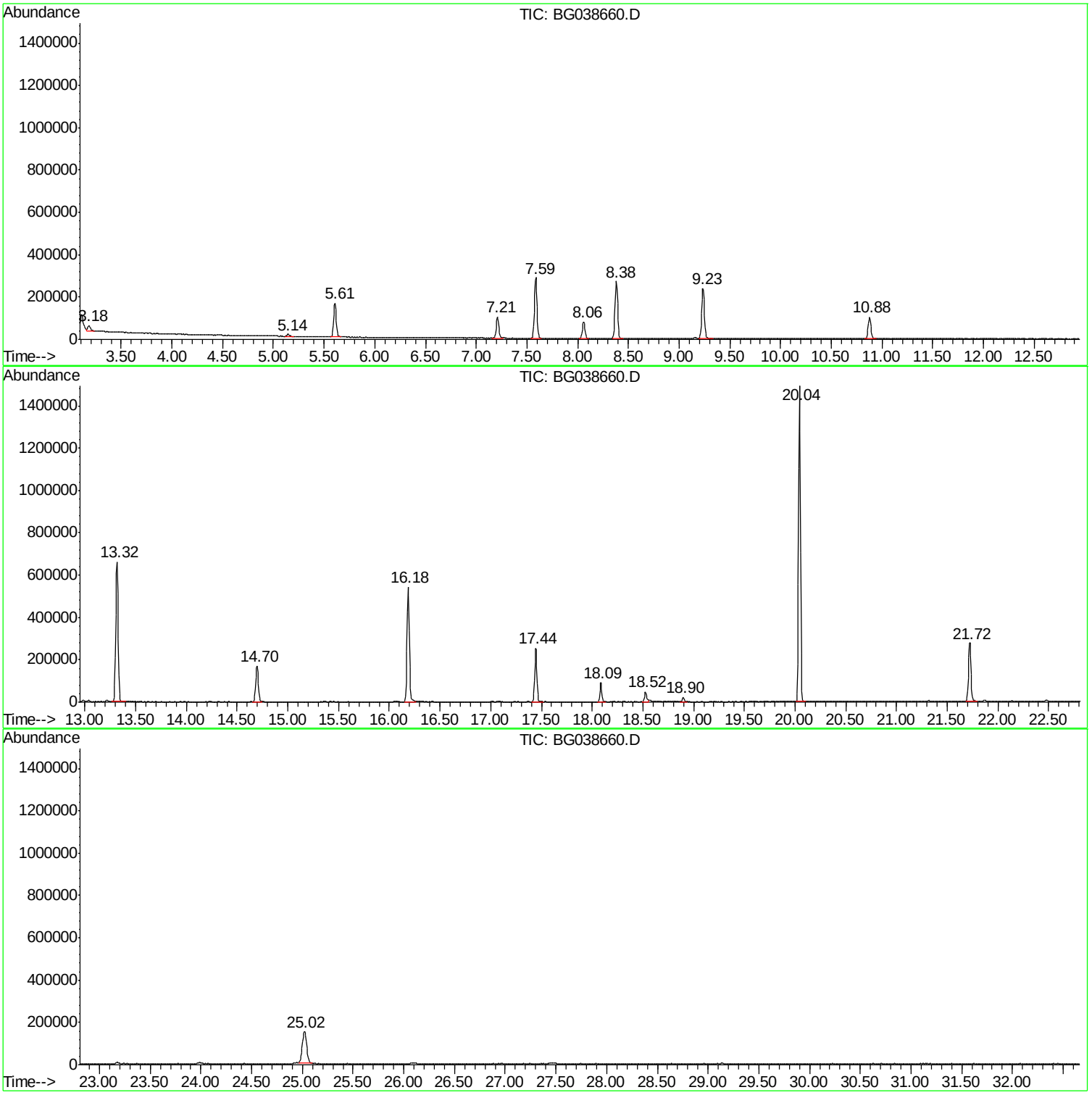
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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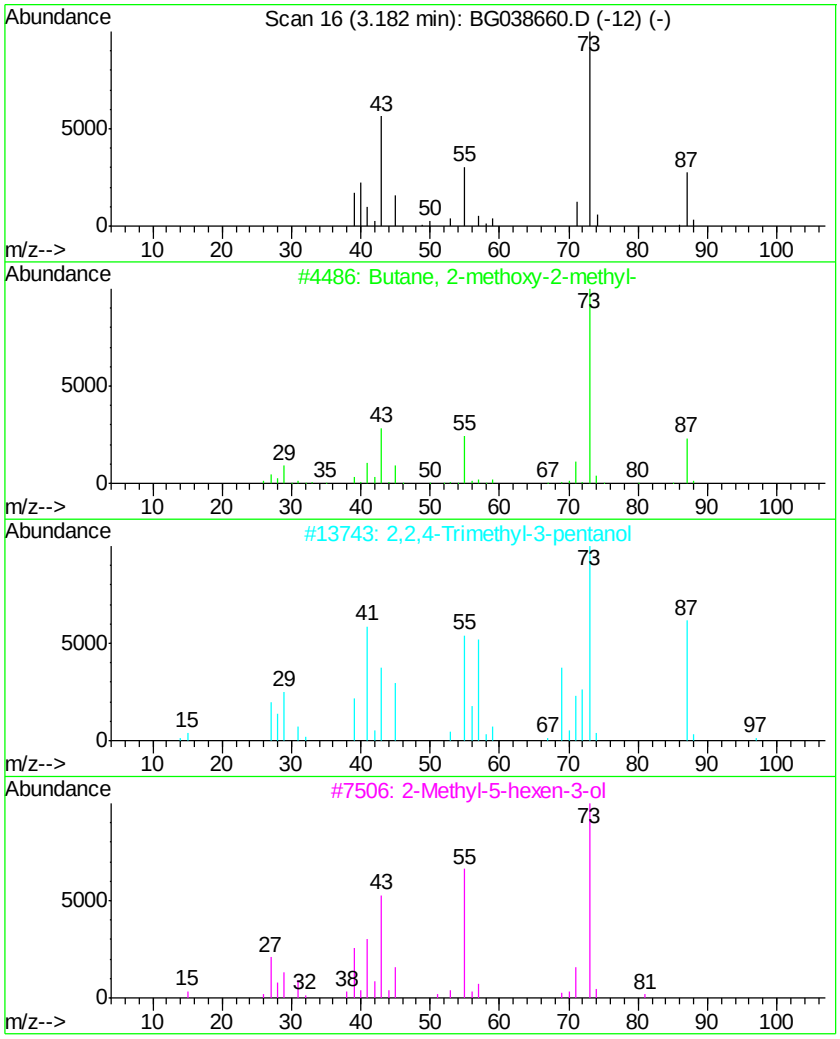
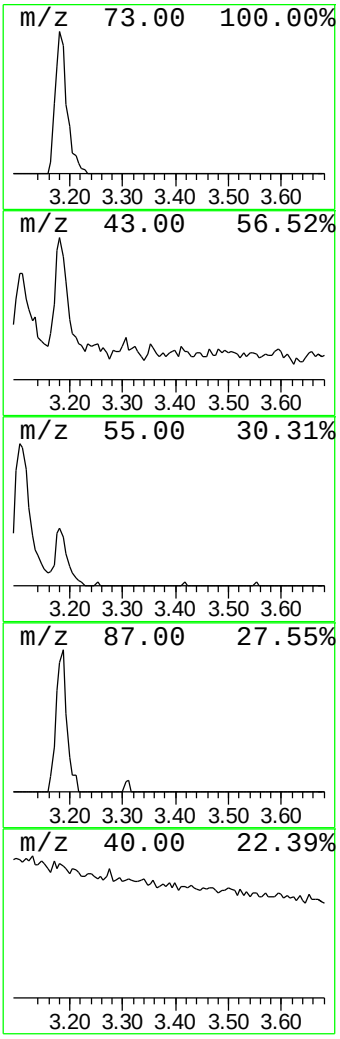
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	6.38 ng	43735	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28
4	Methyl 4-hydroxybutanoate	118	C5H10O3	000925-57-5	12
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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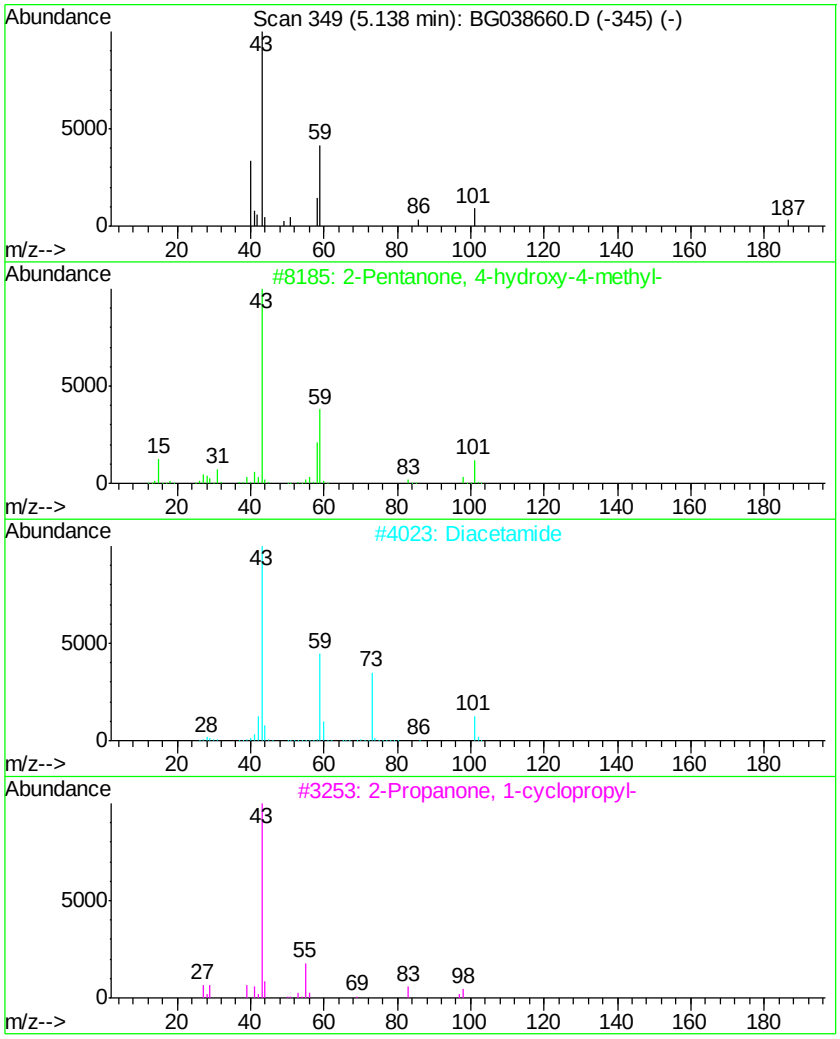
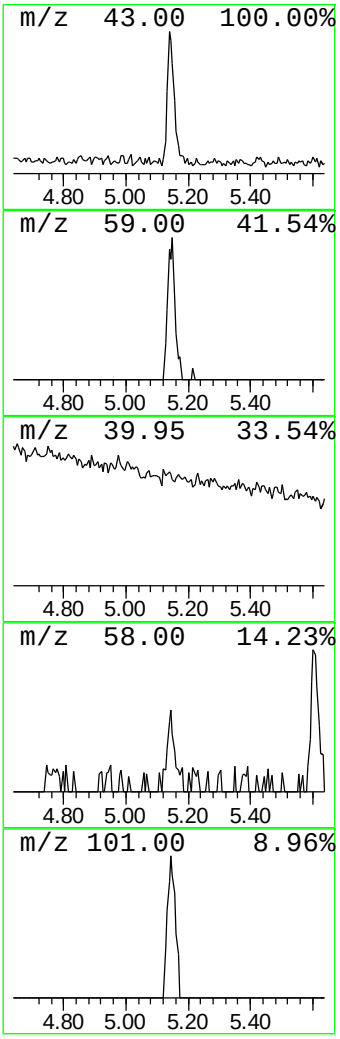
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	3.31 ng	22649	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Diacetamide	101	C4H7NO2	000625-77-4	9
3	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
4	3,3-Dimethylbutylamine	101	C6H15N	015673-00-4	9
5	1-Hexanamine	101	C6H15N	000111-26-2	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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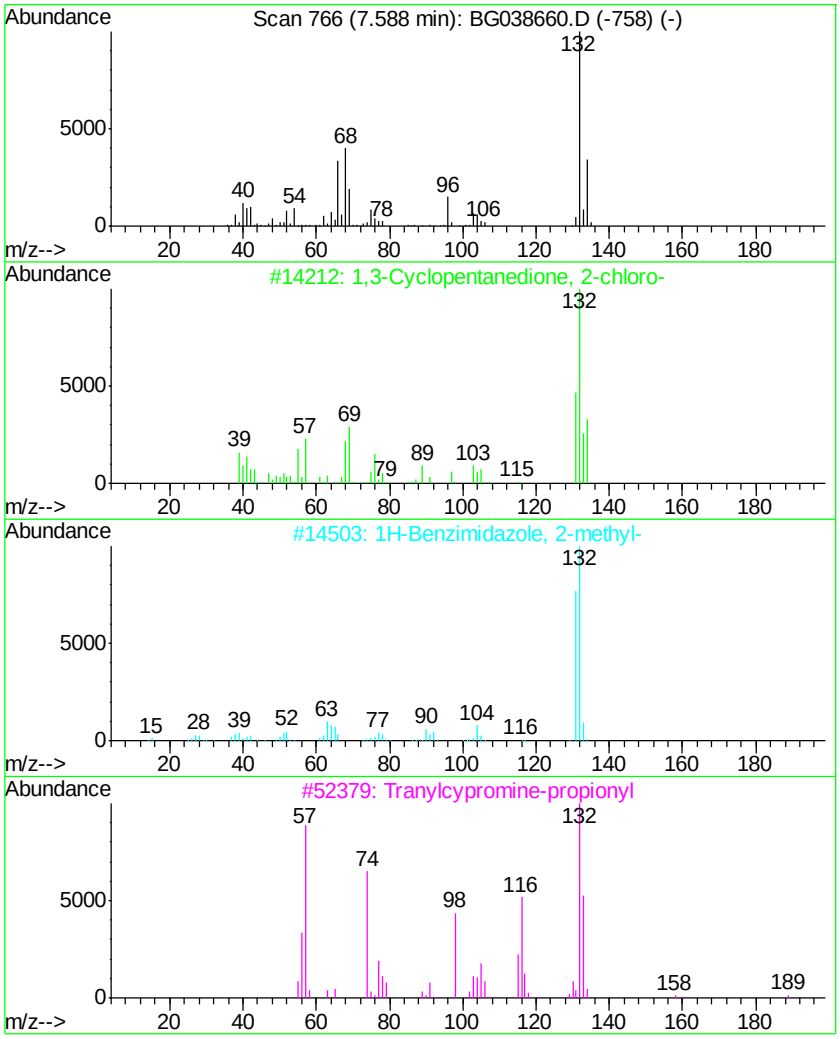
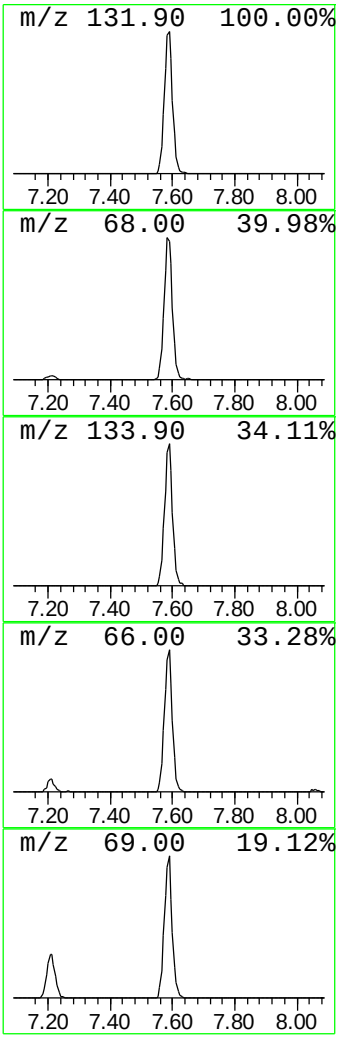
Peak Number 3 unknown7.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	75.16 ng	514887	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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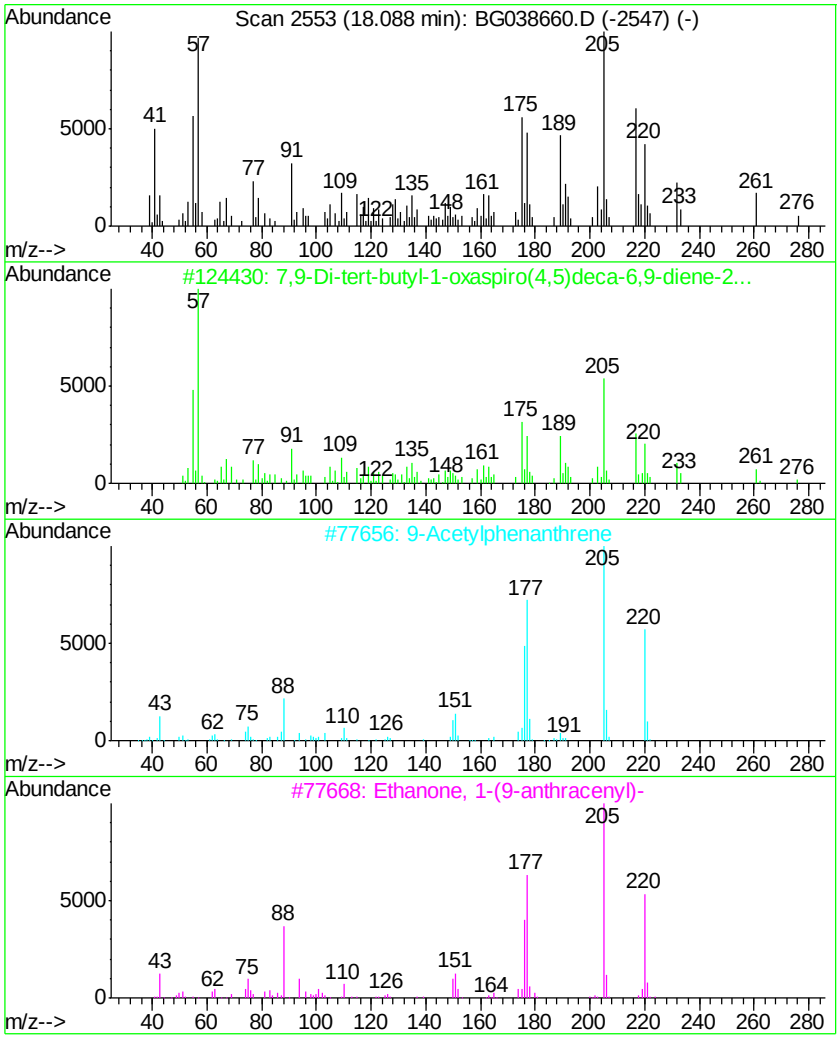
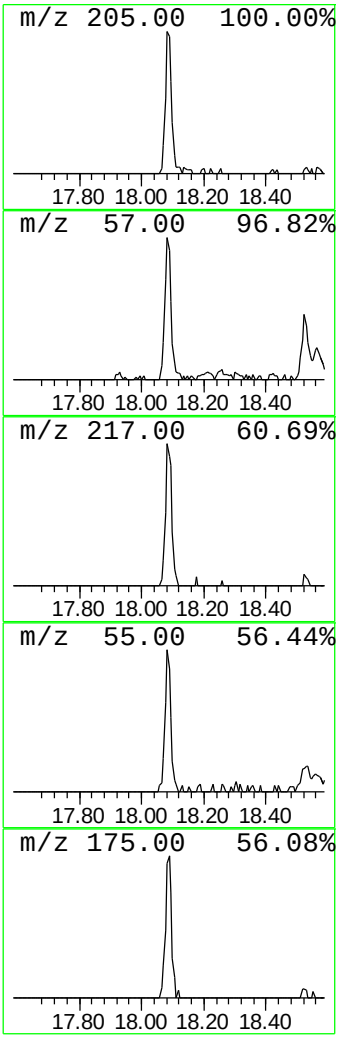
Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.04 ng	122264	Phenanthrene-d10	17.44

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	9-Acetylphenanthrene	220	C16H12O	002039-77-2	45
3	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	45
4	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45
5	2-Acetylphenanthrene	220	C16H12O	005960-69-0	43





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Data File : BG038660.D
Acq On : 17 Dec 2018 13:05
Operator : JU/SJ
Sample : J6377-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P001-RB-181211

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

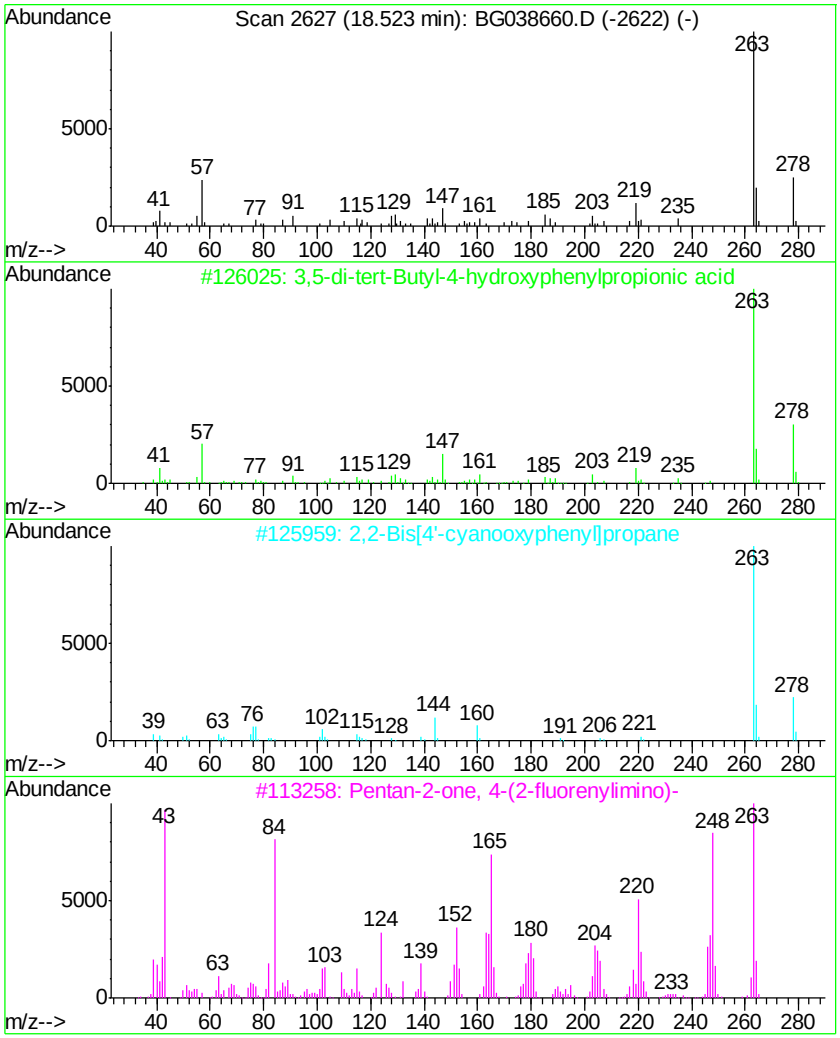
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

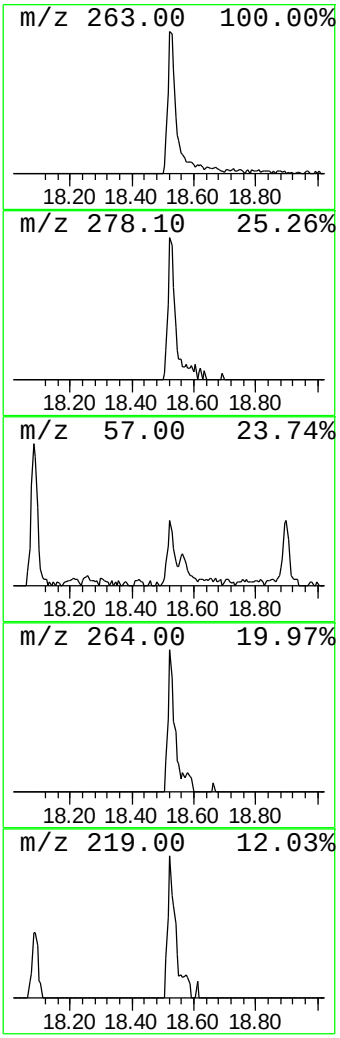
****

Peak Number 6 3,5-di-tert-Butyl-4-hydroxy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	3.60 ng	72927	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-di-tert-Butyl-4-hydroxypheny...	278	C17H26O3	020170-32-5	94
2	2,2-Bis[4'-cyanooxyphenyl]propane	278	C17H14N2O2	1000322-13-3	59
3	Pentan-2-one, 4-(2-fluorenylimino)-	263	C18H17NO	050651-58-6	52
4	Iron, (.eta.-5-cyclopentadienyl)...	263	C15H13FeN	1000164-28-2	52
5	1H-Indole, 3-[2-(p-anisyl)vinyl]...	263	C18H17NO	1000164-15-4	50





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	6.4	ng	43735	1	8.06	137018	20.0
2-Pentanone, 4-hy...	5.14	3.3	ng	22649	1	8.06	137018	20.0
unknown7.59	7.59	75.2	ng	514887	1	8.06	137018	20.0
7,9-Di-tert-butyl...	18.09	6.0	ng	122264	4	17.44	404664	20.0
3,5-di-tert-Butyl...	18.52	3.6	ng	72927	4	17.44	404664	20.0