LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091715\
Data File : BG018731.D
Acq On : 17 Sep 2015 7:03
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-2

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-BG091115.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	3.102	40	45	53	rBV	51799	91265	2.33%	0.508%
2	3.178	53	58	79	rVB	1185996	1599129	40.87%	8.908%
3	5.099	380	385	392	rBV	80688	121949	3.12%	0.679%
4	5.575	460	466	473	rBV	257480	401296	10.26%	2.235%
5	7.162	726	736	745	rBV	170756	296278	7.57%	1.650%
6	7.532	792	799	810	rBV	515966	877500	22.43%	4.888%
7	8.002	871	879	886	rBV	138024	234575	6.00%	1.307%
8	8.325	924	934	942	rBV	508247	857413	21.91%	4.776%
9	9.159	1068	1076	1085	rVB	426033	725808	18.55%	4.043%
10	10.804	1349	1356	1365	rBV	203269	360495	9.21%	2.008%
11	12.455	1624	1637	1639	rBV4	20232	56133	1.43%	0.313%
12	13.249	1764	1772	1780	rBV	1399381	2194704	56.09%	12.226%
13	14.071	1908	1912	1917	rVB	41408	56074	1.43%	0.312%
14	14.629	2000	2007	2014	rVB2	372229	620840	15.87%	3.458%
15	15.358	2126	2131	2137	rBV	47933	64366	1.65%	0.359%
16	16.116	2253	2260	2274	rBV	1328368	2043477	52.23%	11.383%
17	16.856	2377	2386	2395	rBV	60954	148570	3.80%	0.828%
18	17.367	2467	2473	2485	rBV2	625719	939656	24.02%	5.234%
19	18.254	2618	2624	2632	rBV2	52318	89448	2.29%	0.498%
20	18.337	2633	2638	2646	rVB6	18760	39433	1.01%	0.220%
21	19.976	2911	2917	2932	rBV	2891297	3912515	100.00%	21.795%
22	21.280	3134	3139	3151	rBV8	25439	63022	1.61%	0.351%
23	21.627	3191	3198	3209	rVB	680628	1076543	27.52%	5.997%
24	24.811	3728	3740	3754	rBV2	372748	1080976	27.63%	6.022%

Sum of corrected areas: 17951465

LSC Report - Integrated Chromatogram

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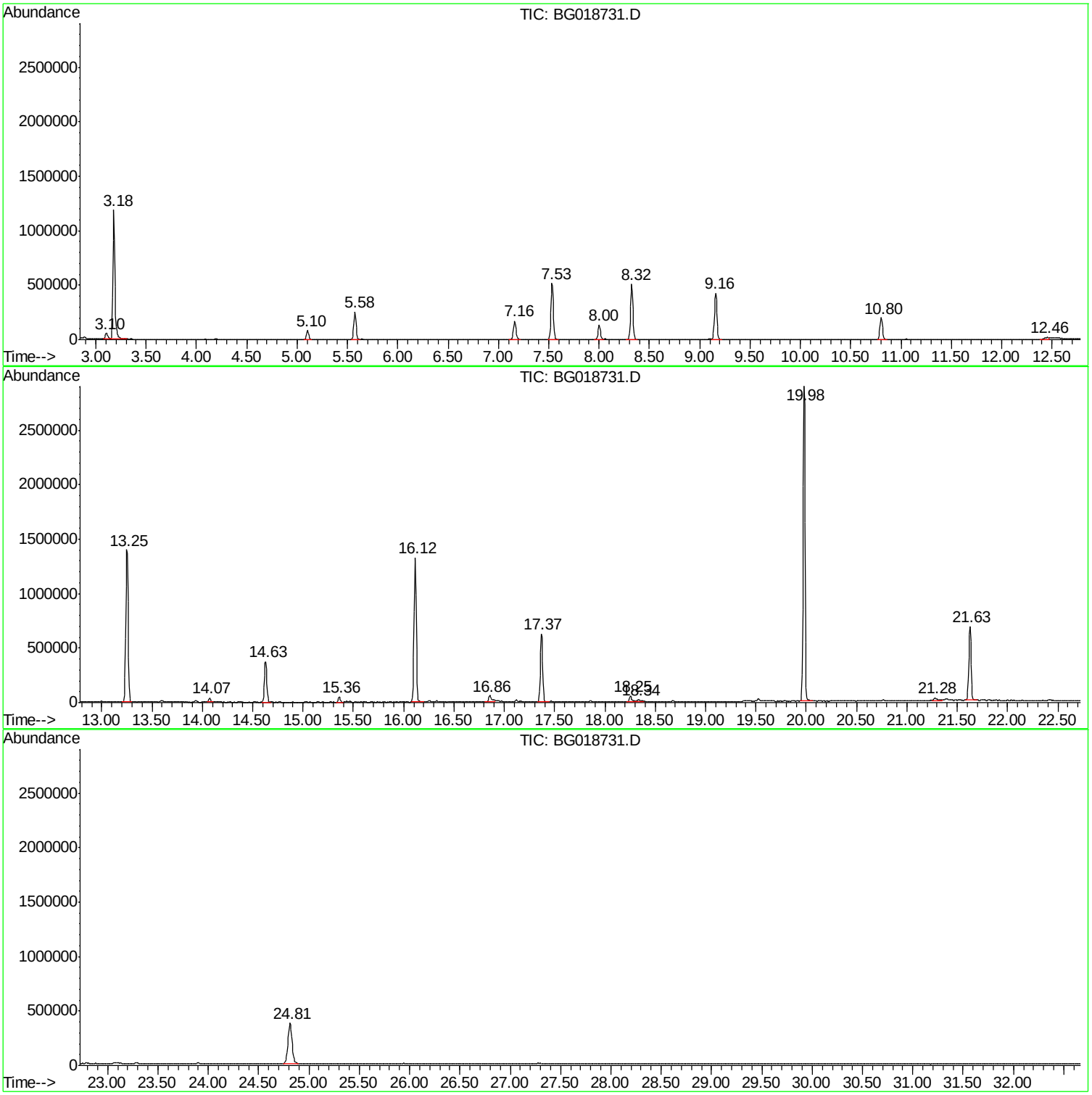
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.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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ClientSampleId : GW-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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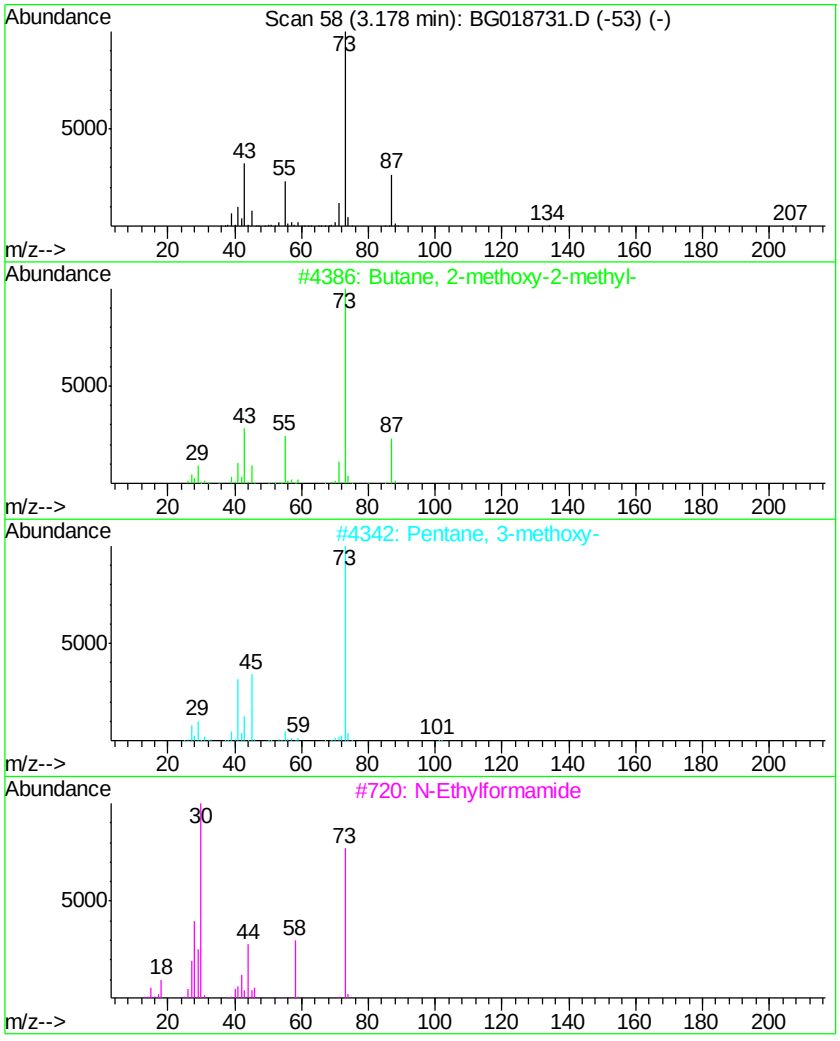
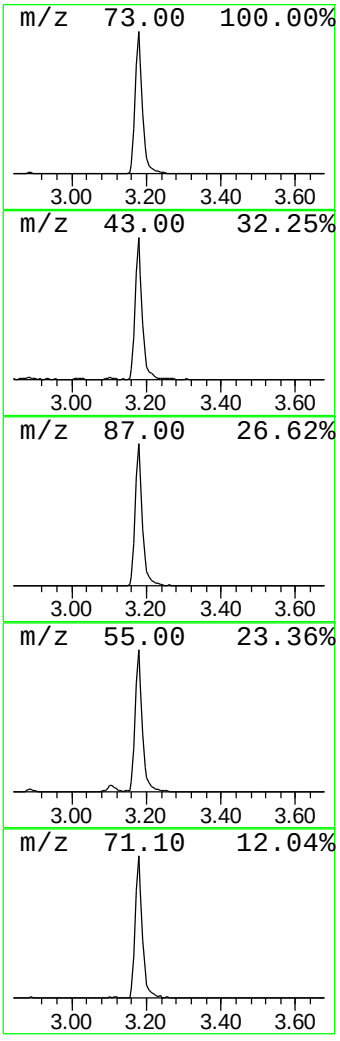
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	136.34 ng	1599130	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Misc :
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Instrument : BNA_G
ClientSampleId : GW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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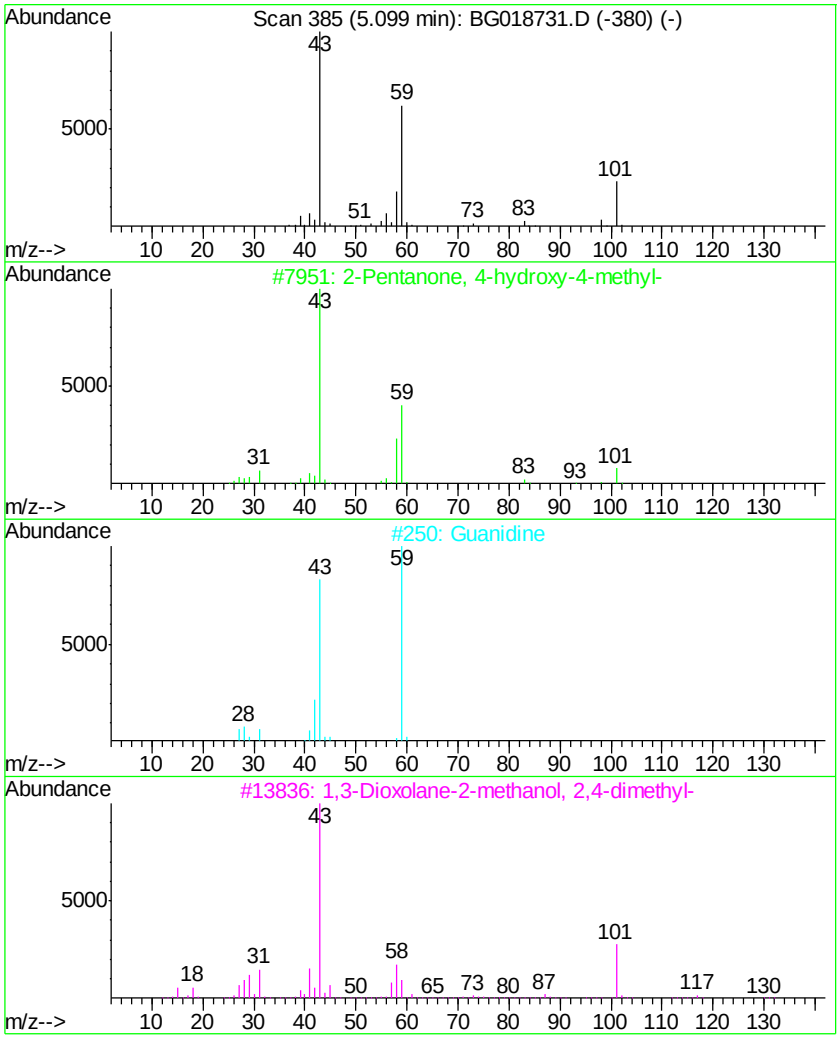
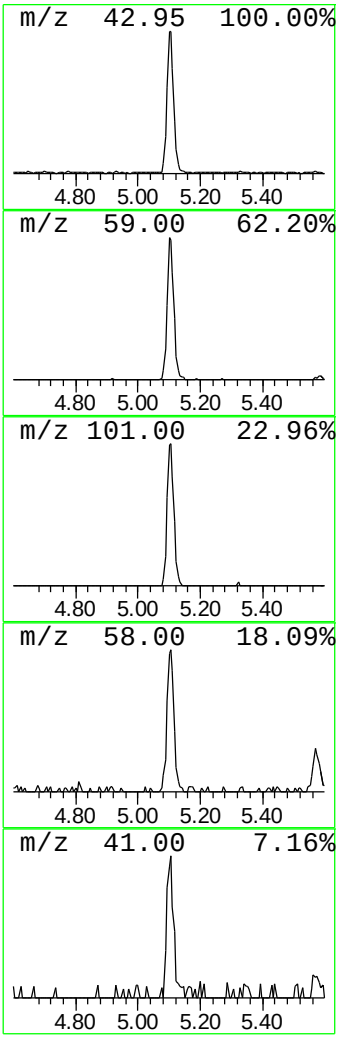
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	10.40 ng	121949	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	38
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





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Sample : G3663-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
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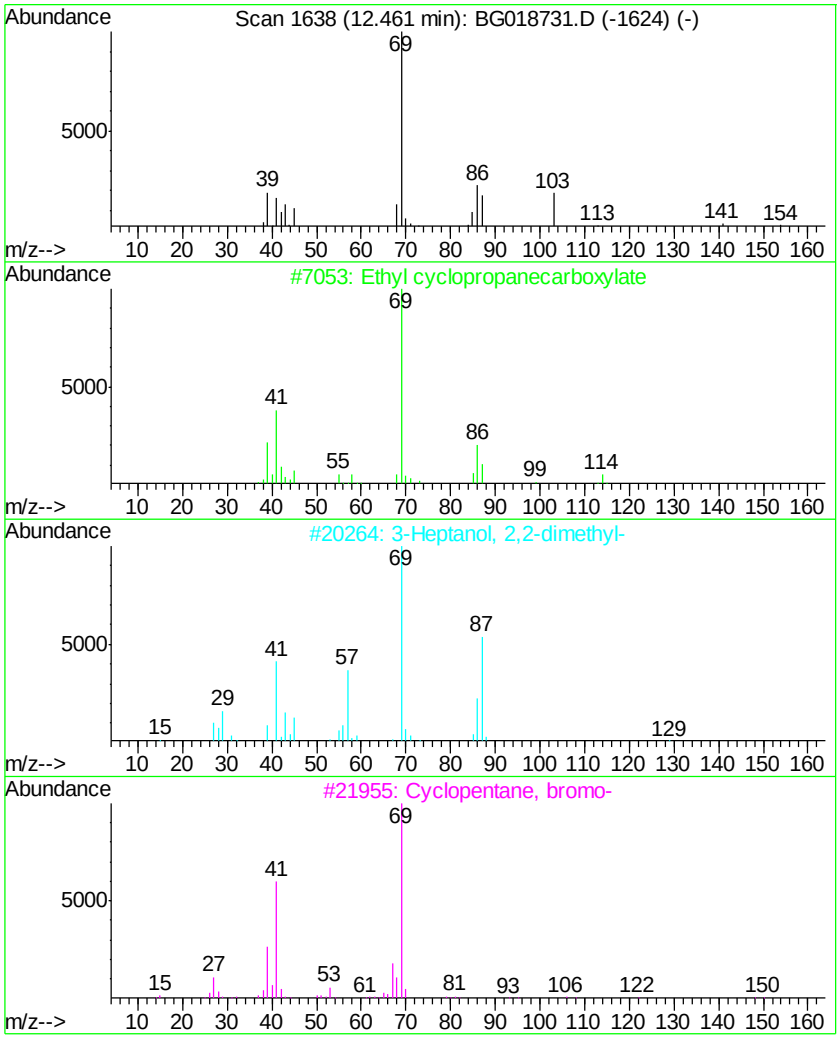
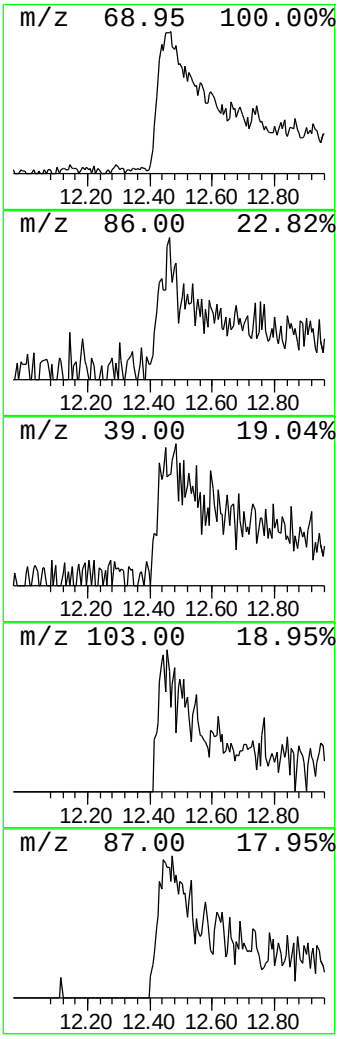
Peak Number 6 Ethyl cyclopropanecarboxylate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.46	3.11 ng	56133	Naphthalene-d8	10.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	64
2	3-Heptanol, 2,2-dimethyl-	144	C9H20O	019549-70-3	36
3	Cyclopentane, bromo-	148	C5H9Br	000137-43-9	23
4	4-Nonanol, 2,6,8-trimethyl-	186	C12H26O	000123-17-1	9
5	Cyclopentanecarboxylic acid, 1-m...	170	C9H14O3	005453-88-3	9





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
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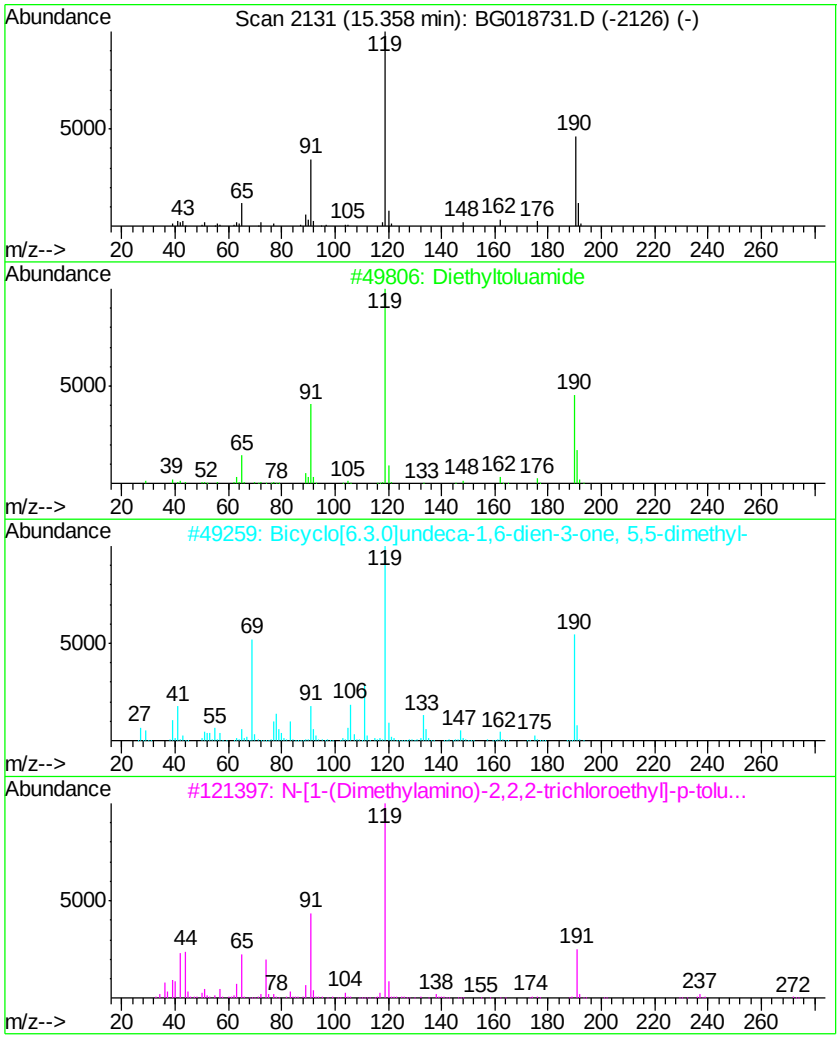
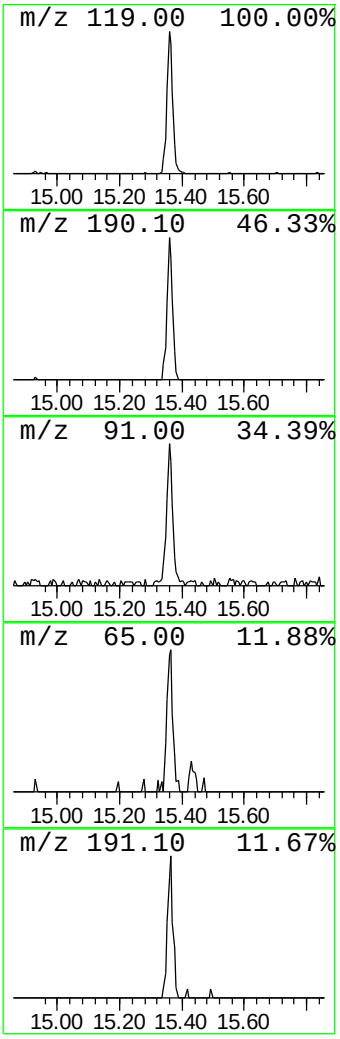
Peak Number 7 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.07 ng	64366	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	91
2	Bicyclo[6.3.0]undeca-1,6-dien-3-...	190	C13H18O	1000164-02-3	72
3	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	50
4	m-Toluylic acid, 2-butyl ester	192	C12H16O2	005448-57-7	50
5	Acethydrazide, 2-(4-buthoxypheno...	356	C20H24N2O4	1000263-84-3	50





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-2

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

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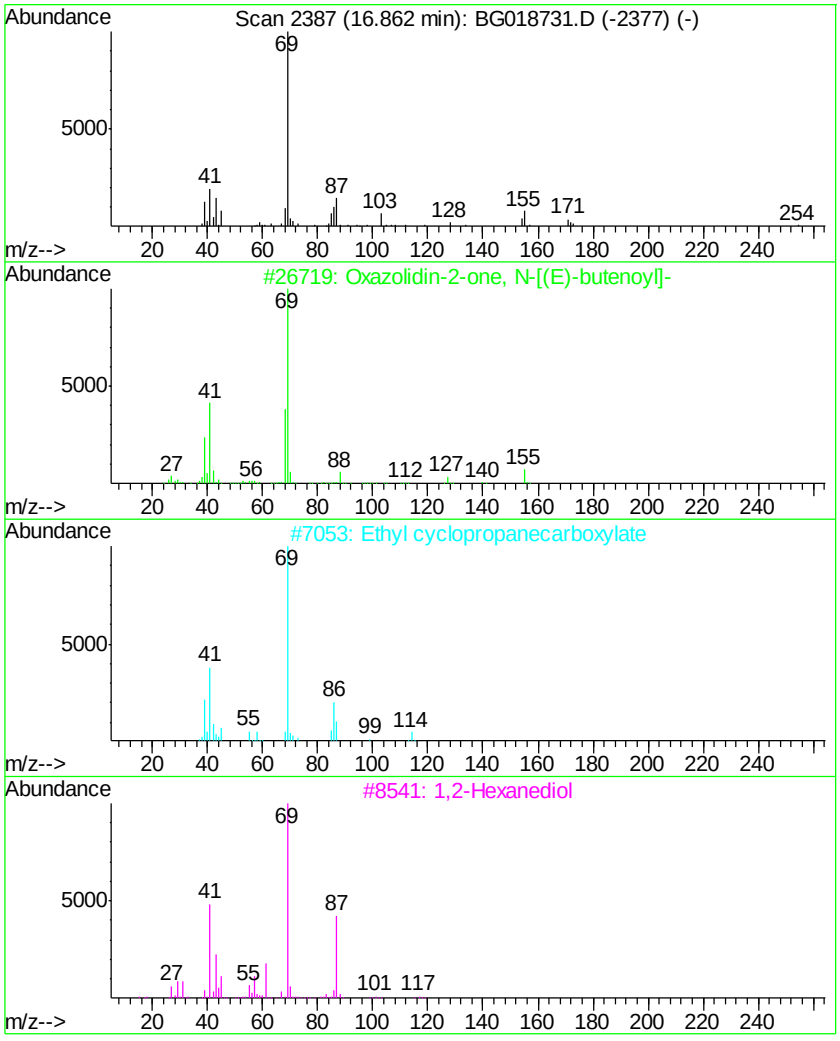
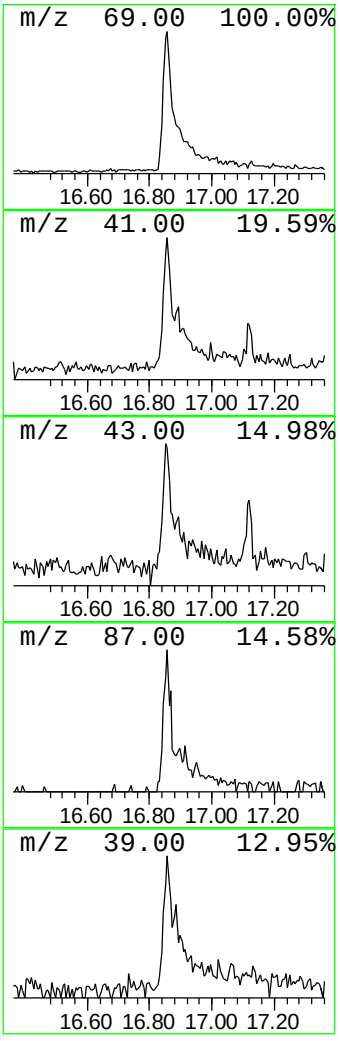
Peak Number 8 unknown16.86 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.86	3.16 ng	148570	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	49
2	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	42
3	1,2-Hexanediol	118	C6H14O2	006920-22-5	40
4	3,3,7,7,11-Pentamethyl-4,8-dioxa...	258	C15H30O3	069161-48-4	39
5	3-Hexanol, 2,5-dimethyl-	130	C8H18O	019550-07-3	36





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	136.3	ng	1599130	1	8.00	234575	20.0
2-Pentanone, 4-hy...	5.10	10.4	ng	121949	1	8.00	234575	20.0
Ethyl cyclopropan...	12.46	3.1	ng	56133	2	10.80	360495	20.0
Diethyltoluamide	15.36	2.1	ng	64366	3	14.63	620840	20.0
unknown16.86	16.86	3.2	ng	148570	4	17.37	939656	20.0