LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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	3.105	39	45	52	rBV	56178	90168	2.19%	0.464%
2	3.176	52	57	74	rVB	1174150	1629396	39.54%	8.383%
3	5.103	378	385	392	rBV	93743	138019	3.35%	0.710%
4	5.573	459	465	474	rBV	290151	453798	11.01%	2.335%
5	7.159	725	735	745	rBV	194324	336101	8.16%	1.729%
6	7.535	791	799	810	rVB	585178	986187	23.93%	5.074%
7	8.000	871	878	884	rBV	155098	259901	6.31%	1.337%
8	8.323	925	933	941	rBV	558188	946122	22.96%	4.868%
9	9.157	1068	1075	1085	rVB	472170	819743	19.89%	4.217%
10	10.802	1347	1355	1362	rBV	227123	407341	9.89%	2.096%
11	13.252	1764	1772	1781	rVB	1624227	2467447	59.88%	12.695%
12	14.069	1905	1911	1917	rVB	45942	67803	1.65%	0.349%
13	14.627	1997	2006	2014	rBV2	452047	714163	17.33%	3.674%
14	15.356	2125	2130	2137	rBV	52968	75840	1.84%	0.390%
15	16.114	2252	2259	2269	rBV	1482876	2225949	54.02%	11.452%
16	16.854	2377	2385	2402	rBV2	42921	155884	3.78%	0.802%
17	17.371	2466	2473	2479	rBV	645421	997124	24.20%	5.130%
18	18.252	2618	2623	2633	rBV2	59248	107735	2.61%	0.554%
19	19.521	2834	2839	2844	rBV6	25913	41663	1.01%	0.214%
20	19.980	2910	2917	2928	rBV	3095314	4120411	100.00%	21.199%
21	21.266	3133	3136	3144	rBV4	28673	57033	1.38%	0.293%
22	21.625	3190	3197	3211	rVB	700449	1154174	28.01%	5.938%
23	24.809	3728	3739	3754	rBV2	387683	1137270	27.60%	5.851%
24	27.465	4189	4191	4193	rVB	133178	47605	1.16%	0.245%

Sum of corrected areas: 19436877

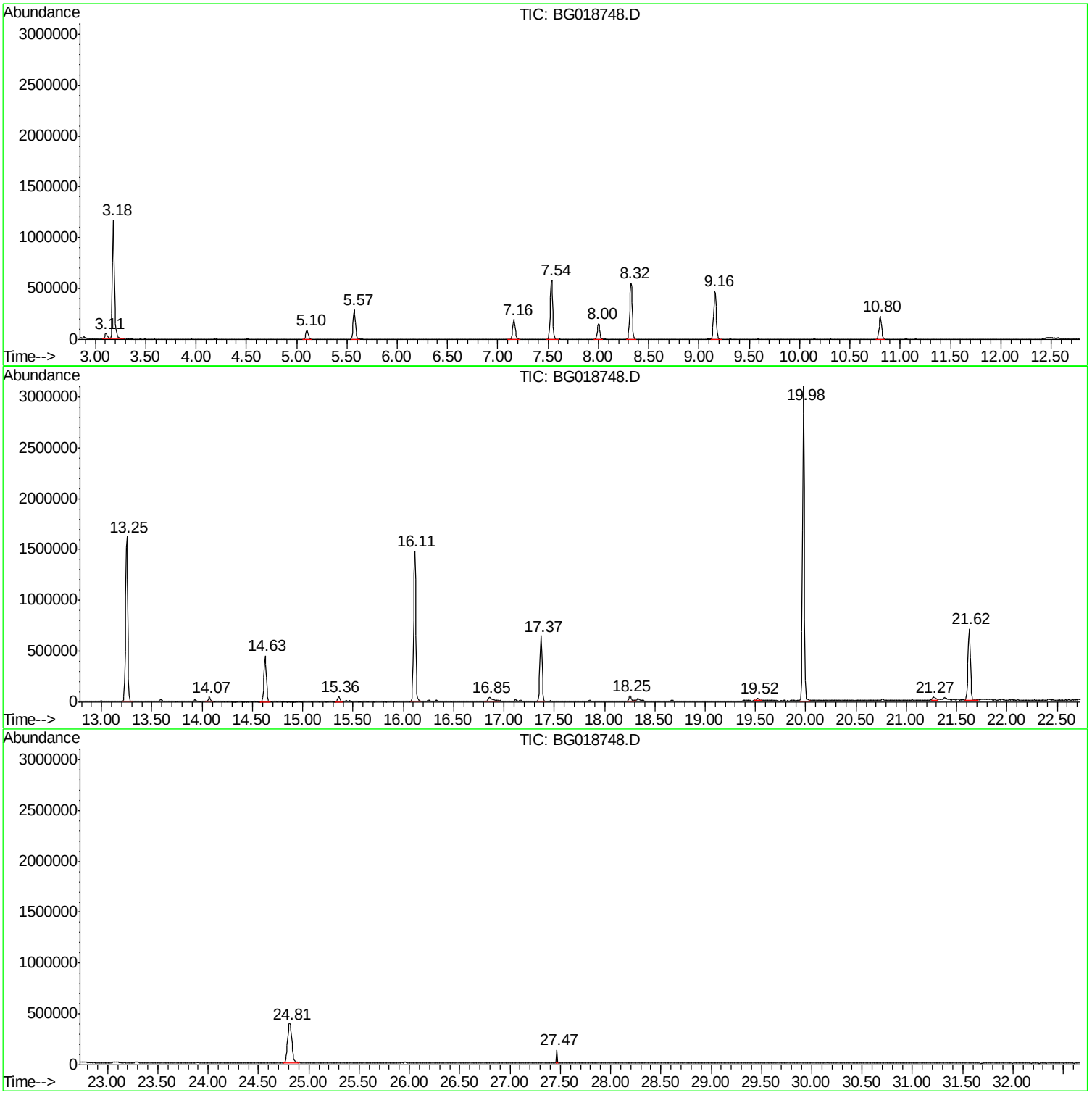
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

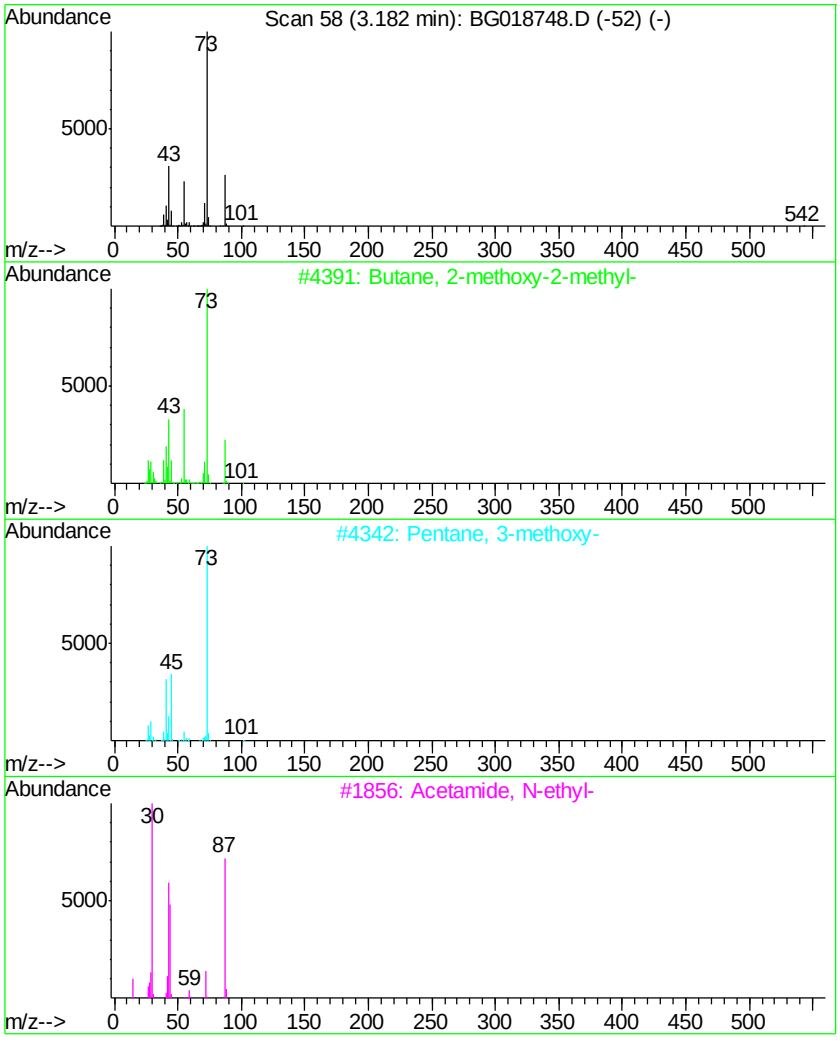
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

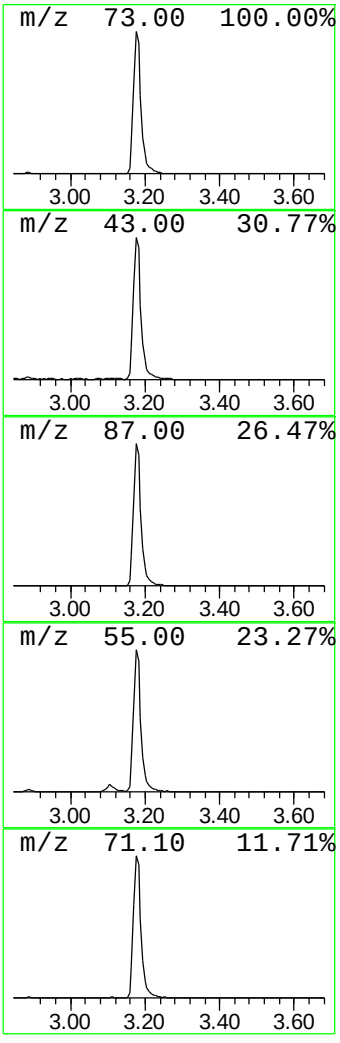
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	125.39 ng	1629400	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	83
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

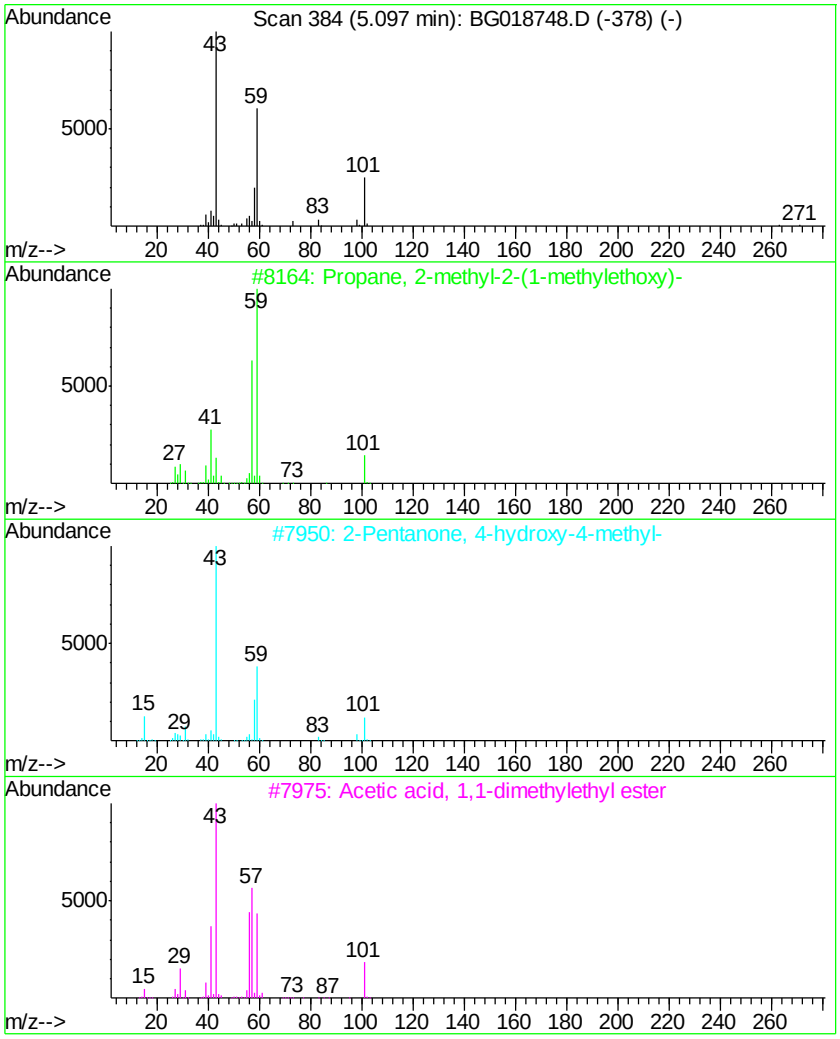
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

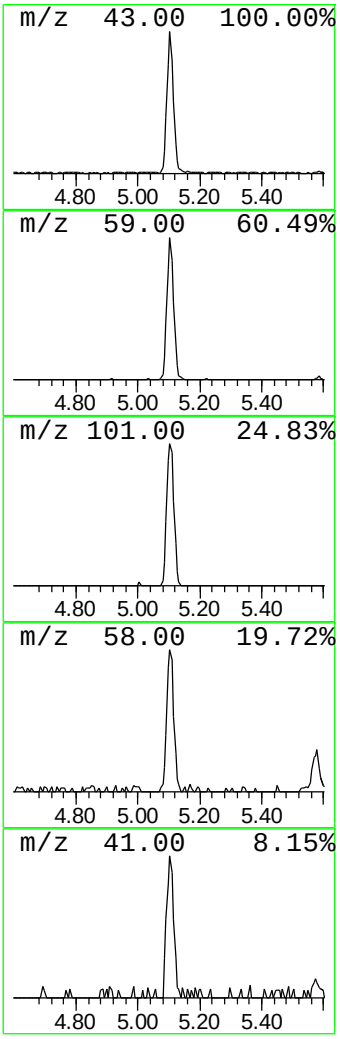
****

Peak Number 3 Propane, 2-methyl-2-(1-meth... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	10.62 ng	138019	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

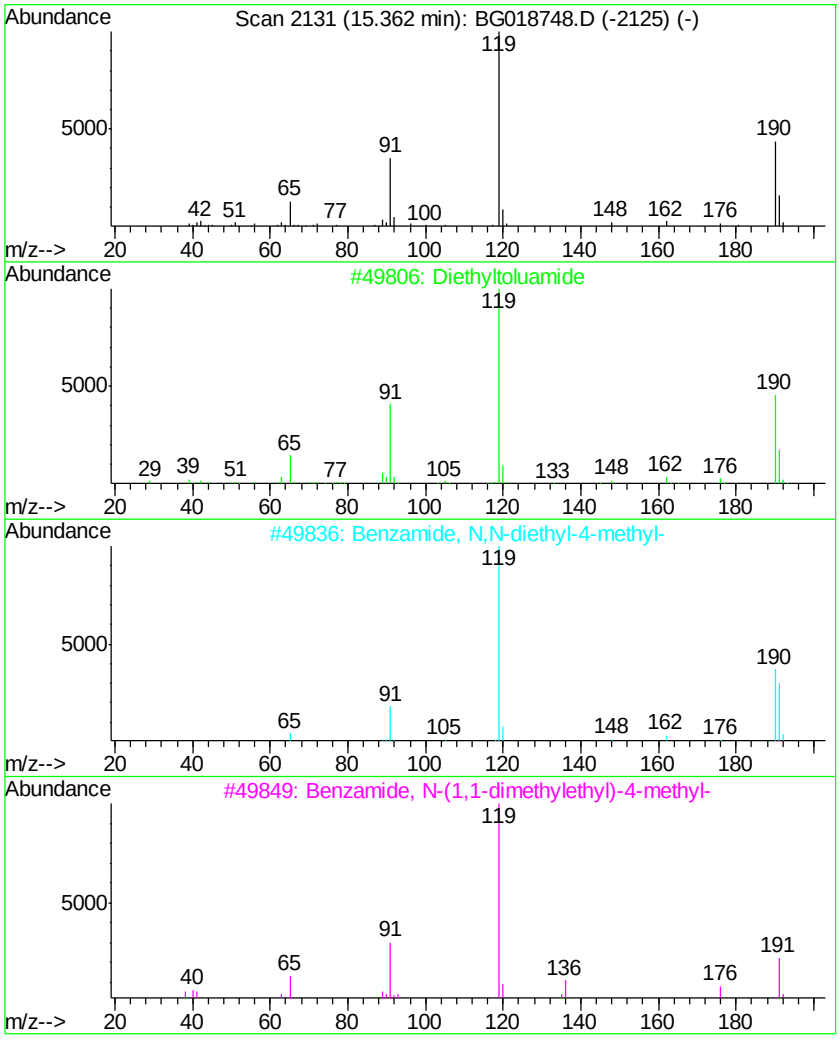
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

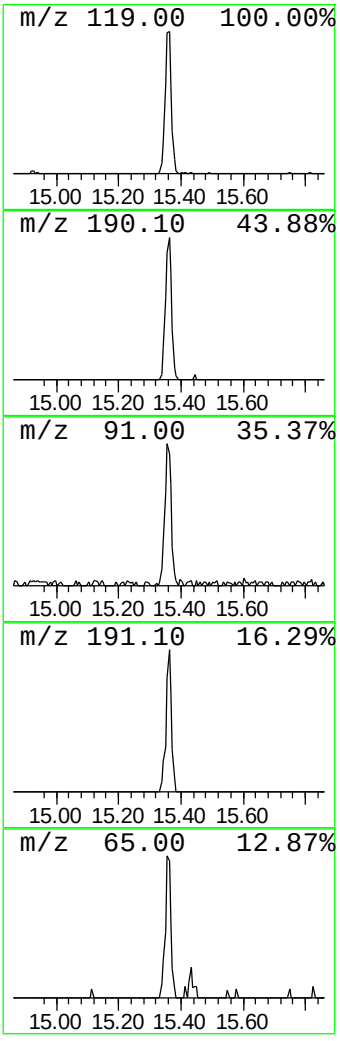
****

Peak Number 6 Diethyltoluamide Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.36	2.12 ng	75840	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	94
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	78
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	53
4	N-[1-(Dimethylamino)-2,2,2-trich...	308	C12H15Cl3N2O	300814-41-9	53
5	Benzoic acid, 3-methyl-, methyl ...	150	C9H10O2	000099-36-5	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

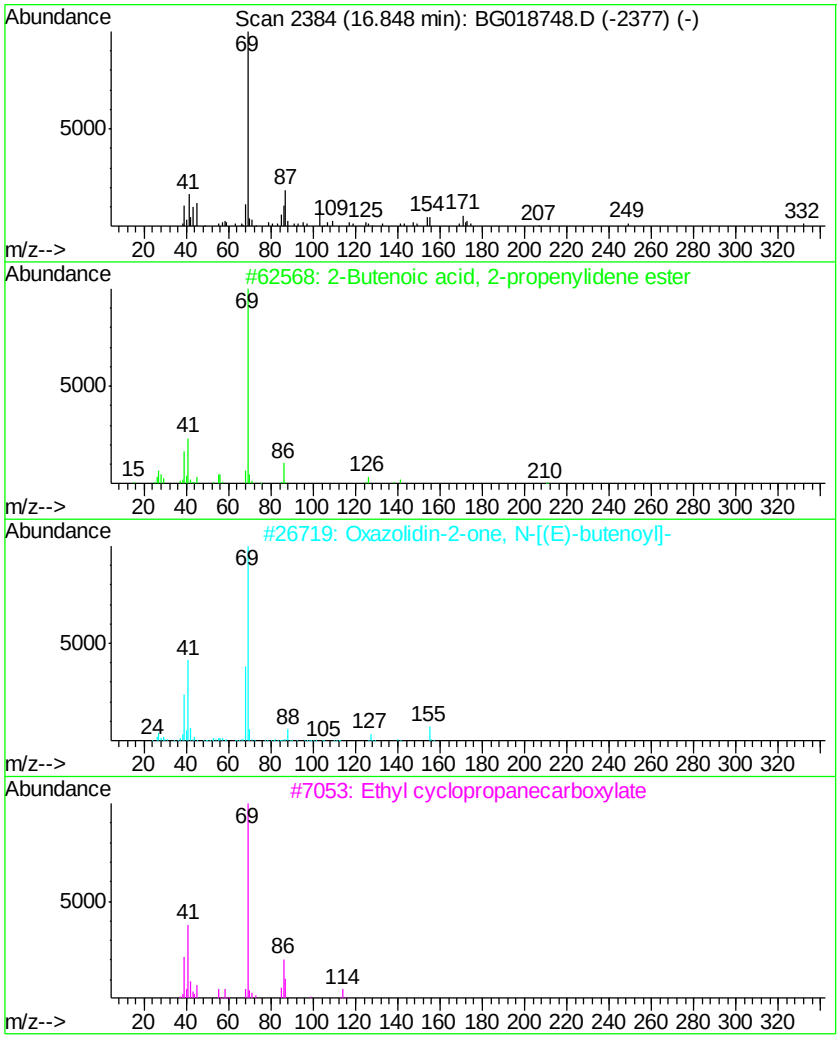
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

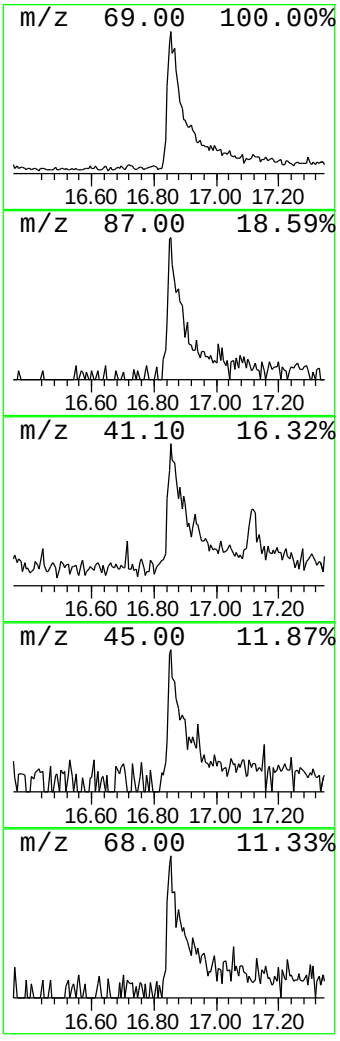
****

Peak Number 7 2-Butenoic acid, 2-propenyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	3.13 ng	155884	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenoic acid, 2-propenylidene...	210	C11H14O4	055030-70-1	53
2	Oxazolidin-2-one, N-[(E)-butenoyl]-	155	C7H9NO3	1000156-45-5	52
3	Ethyl cyclopropanecarboxylate	114	C6H10O2	004606-07-9	45
4	2-Propenoic acid, 2-methyl-, eth...	114	C6H10O2	000097-63-2	42
5	3,3,7,7,11-Pentamethyl-4,8-dioxa...	258	C15H30O3	069161-48-4	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

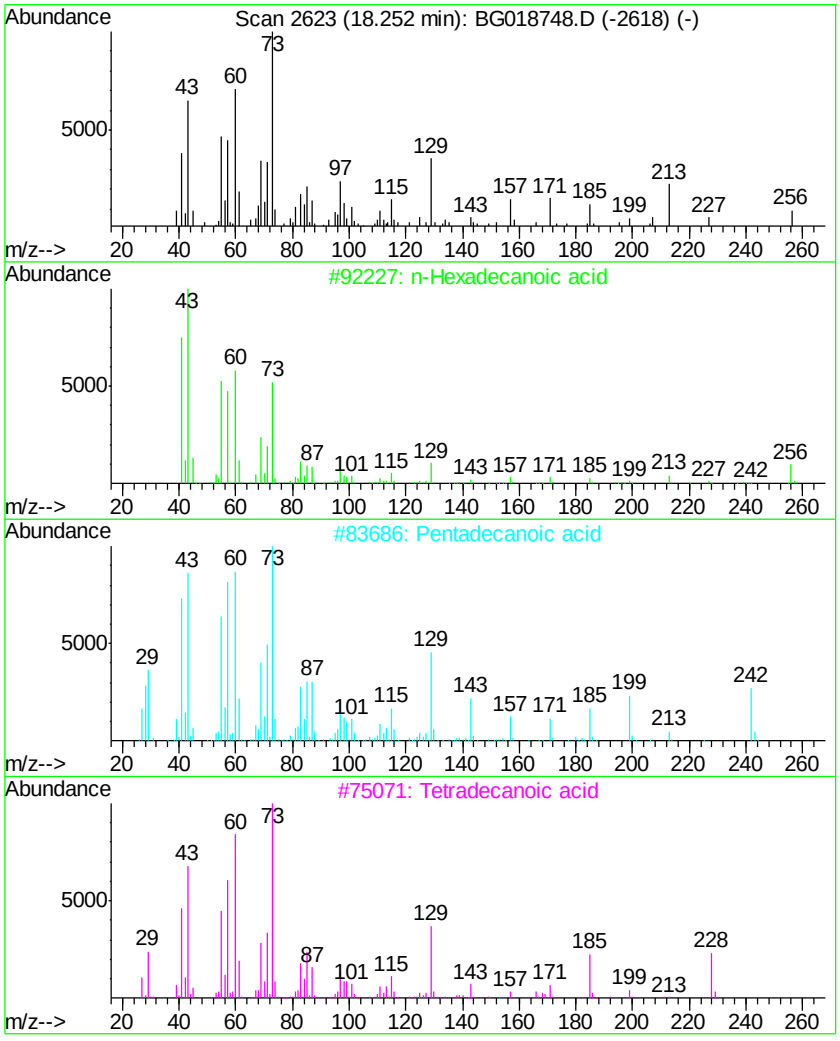
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

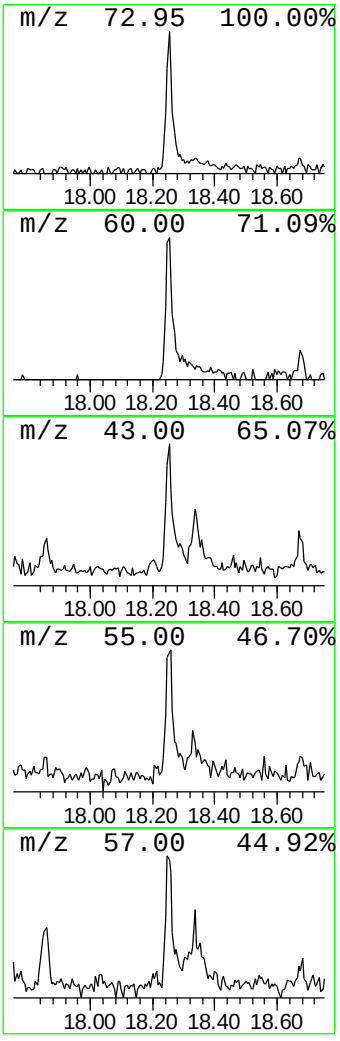
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.25	2.16 ng	107735	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	59
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091815\
Data File : BG018748.D
Acq On : 17 Sep 2015 21:43
Operator : TP
Sample : G3663-02
Misc :
ALS Vial : 14 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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	125.4	ng	1629400	1	8.00	259901	20.0
Propane, 2-methyl...	5.10	10.6	ng	138019	1	8.00	259901	20.0
Diethyltoluamide	15.36	2.1	ng	75840	3	14.63	714163	20.0
2-Butenoic acid, ...	16.85	3.1	ng	155884	4	17.37	997124	20.0
n-Hexadecanoic acid	18.25	2.2	ng	107735	4	17.37	997124	20.0