LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG031616.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	41	48	72	rBV	1291879	2194209	26.19%	7.762%
2	5.408	426	437	450	rBV	4349858	8376743	100.00%	29.632%
3	7.347	762	767	773	rBV2	6221	9653	0.12%	0.034%
4	7.412	773	778	785	rVB	26937	43974	0.52%	0.156%
5	7.653	814	819	826	rBB	27404	46168	0.55%	0.163%
6	7.805	840	845	851	rBB2	6233	9342	0.11%	0.033%
7	7.976	867	874	882	rBB	353464	607847	7.26%	2.150%
8	8.146	888	903	909	rBV	3517027	6963799	83.13%	24.634%
9	8.469	946	958	964	rBV	2789936	5564469	66.43%	19.684%
10	8.857	1018	1024	1033	rBB	20765	33465	0.40%	0.118%
11	9.251	1085	1091	1095	rBV	38461	67167	0.80%	0.238%
12	9.298	1095	1099	1106	rVB	28817	48703	0.58%	0.172%
13	9.697	1162	1167	1172	rBB	10973	15838	0.19%	0.056%
14	9.974	1209	1214	1221	rBB	33413	56835	0.68%	0.201%
15	10.579	1311	1317	1327	rBB	41563	72127	0.86%	0.255%
16	10.761	1339	1348	1355	rBV	823013	1452919	17.34%	5.140%
17	10.896	1364	1371	1378	rBV	47969	79017	0.94%	0.280%
18	11.278	1429	1436	1443	rBB	78577	134419	1.60%	0.476%
19	11.495	1468	1473	1478	rBV3	5368	8859	0.11%	0.031%
20	12.900	1703	1712	1718	rBB	46424	75348	0.90%	0.267%
21	13.505	1809	1815	1822	rBB2	111583	177820	2.12%	0.629%
22	13.716	1845	1851	1857	rBB	20716	30159	0.36%	0.107%
23	14.098	1910	1916	1923	rBB	111563	155625	1.86%	0.551%
24	14.392	1960	1966	1973	rBV	112891	172698	2.06%	0.611%
25	14.697	2010	2018	2025	rBB2	78495	123709	1.48%	0.438%
26	15.684	2180	2186	2193	rBB	158032	231525	2.76%	0.819%
27	15.808	2202	2207	2214	rBB	54186	75113	0.90%	0.266%
28	17.435	2478	2484	2493	rBB2	102978	153313	1.83%	0.542%
29	17.535	2494	2501	2511	rBV	185191	269726	3.22%	0.954%
30	19.809	2880	2888	2898	rBV2	213058	320538	3.83%	1.134%
31	21.695	3203	3209	3217	rBV	124955	193714	2.31%	0.685%
32	24.709	3712	3722	3733	rVB	120277	321854	3.84%	1.139%
33	24.927	3751	3759	3769	rVB2	65604	182116	2.17%	0.644%

LSC Area Percent Report

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Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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\SOM02.2-EPA-BG031616.M
Title : SVOA CALIBRATION

Sum of corrected areas: 28268811

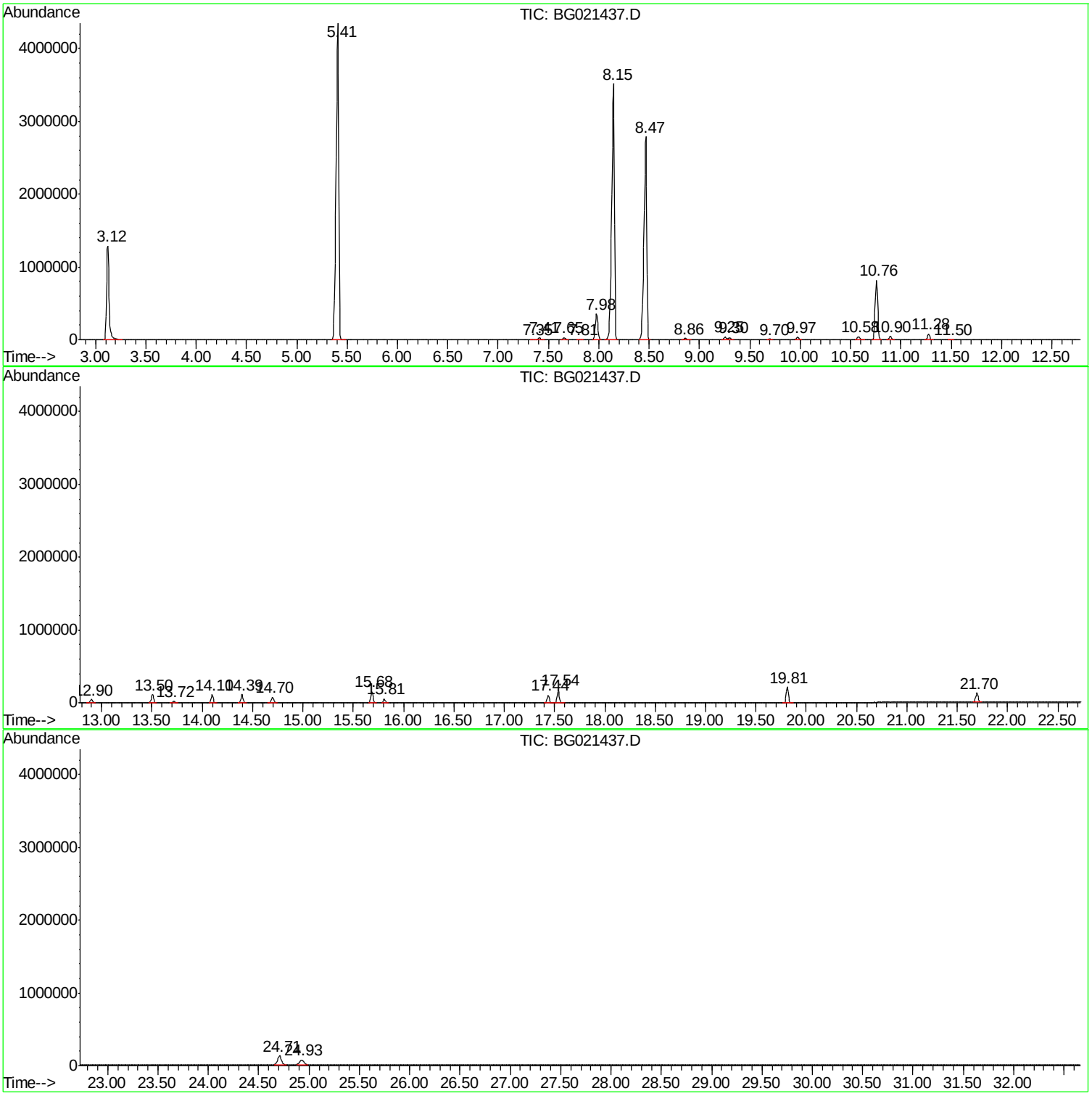
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

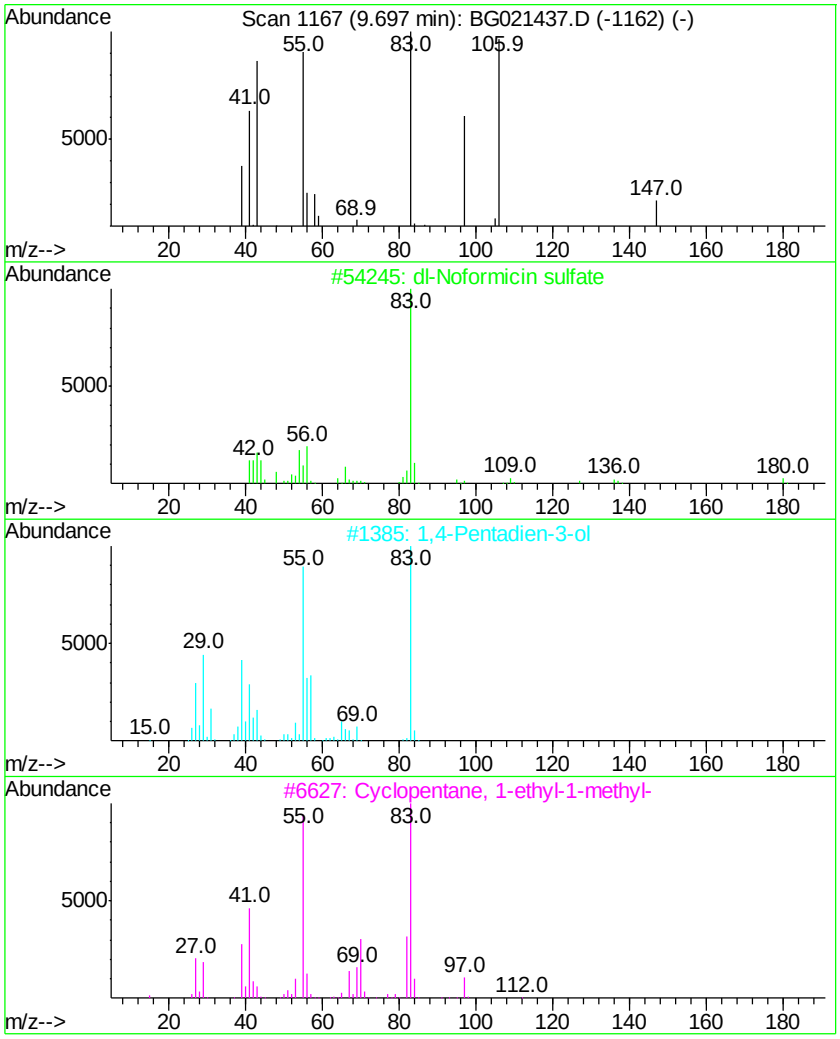
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

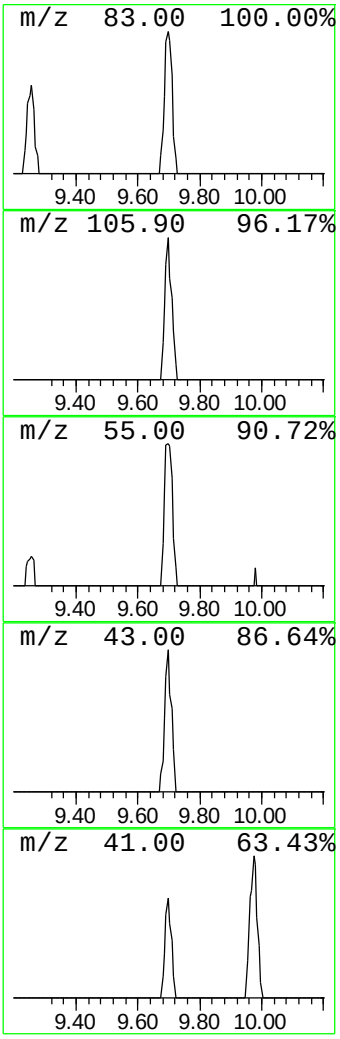
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.01 ng/ul	15838	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	dl-Noformicin sulfate	197	C8H15N5O	1000131-37-1	16
2	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	12
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	12
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	12
5	Pentanoic acid, 2,4-dimethyl-4-n...	189	C8H15NO4	005762-40-3	10





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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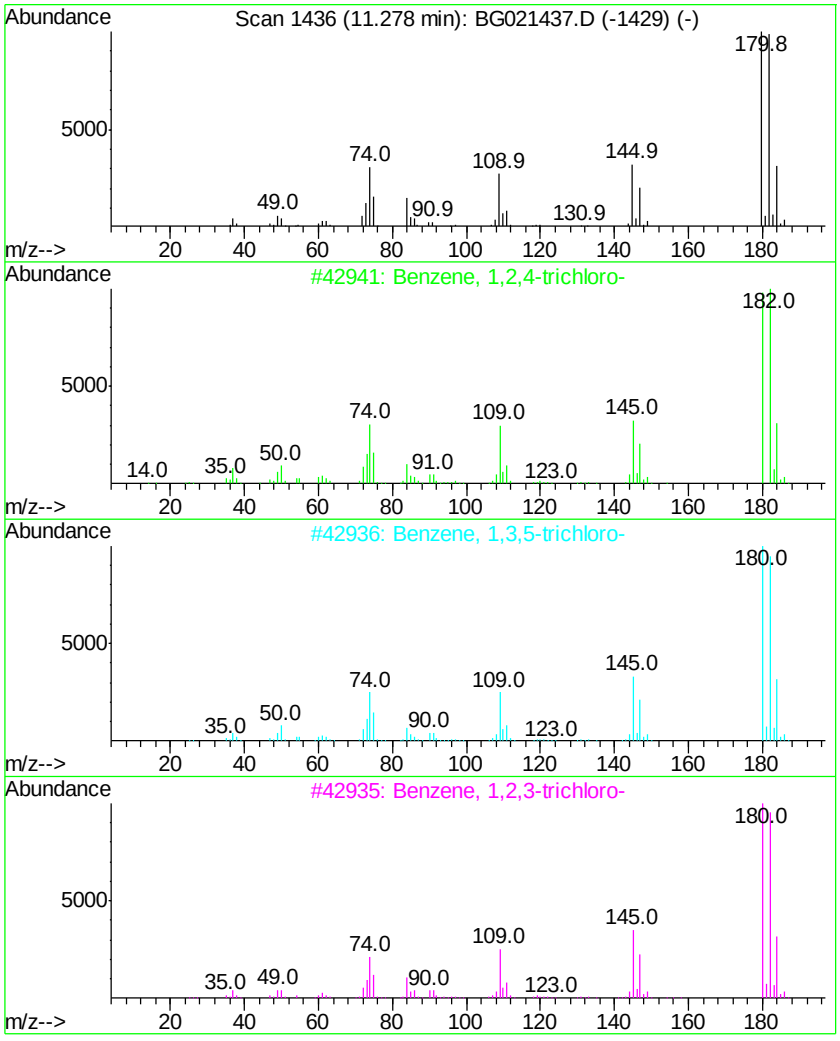
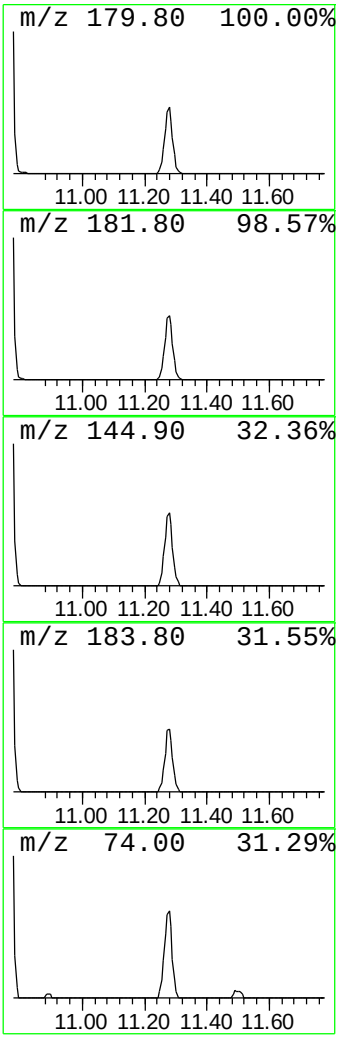
Peak Number 7 Benzene, 1,3,5-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	34.02 ng/ul	134419	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	98
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	98
4	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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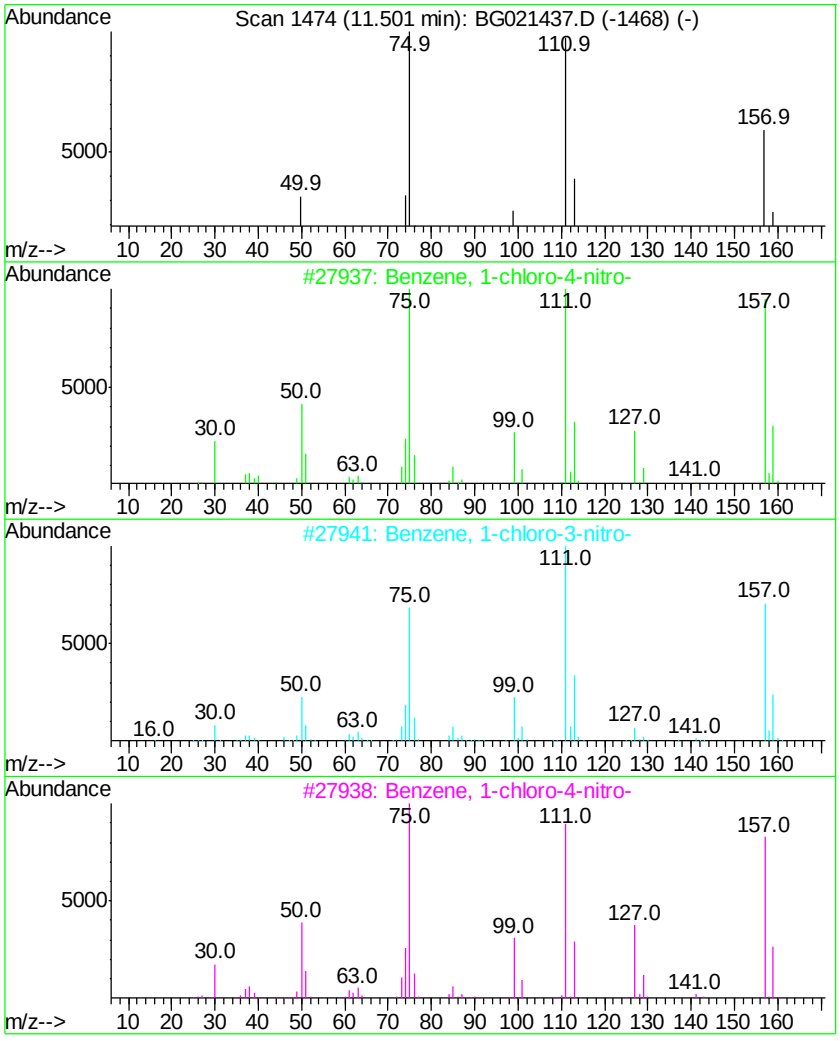
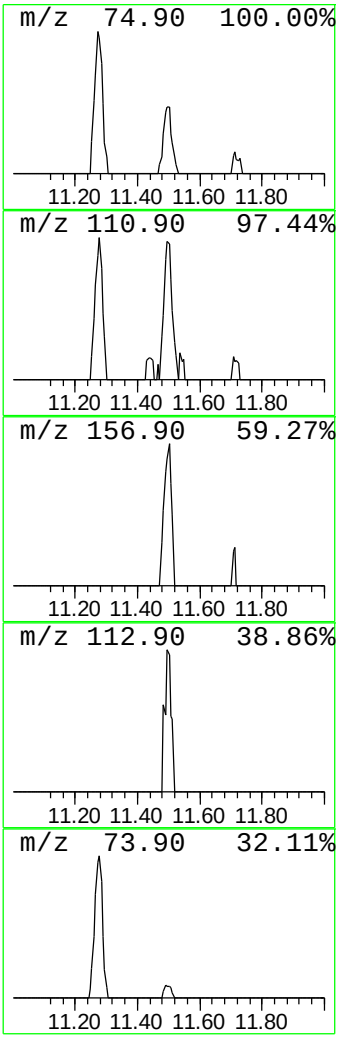
Peak Number 8 Benzene, 1-chloro-4-nitro- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	2.24 ng/ul	8859	Naphthalene-d8	10.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
2	Benzene, 1-chloro-3-nitro-	157	C6H4ClNO2	000121-73-3	91
3	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
4	Benzene, 1-chloro-4-nitro-	157	C6H4ClNO2	000100-00-5	91
5	Benzene, 1-chloro-2-nitro-	157	C6H4ClNO2	000088-73-3	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG031716\
Data File : BG021437.D
Acq On : 17 Mar 2016 18:03
Operator : UM/SJ
Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION

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

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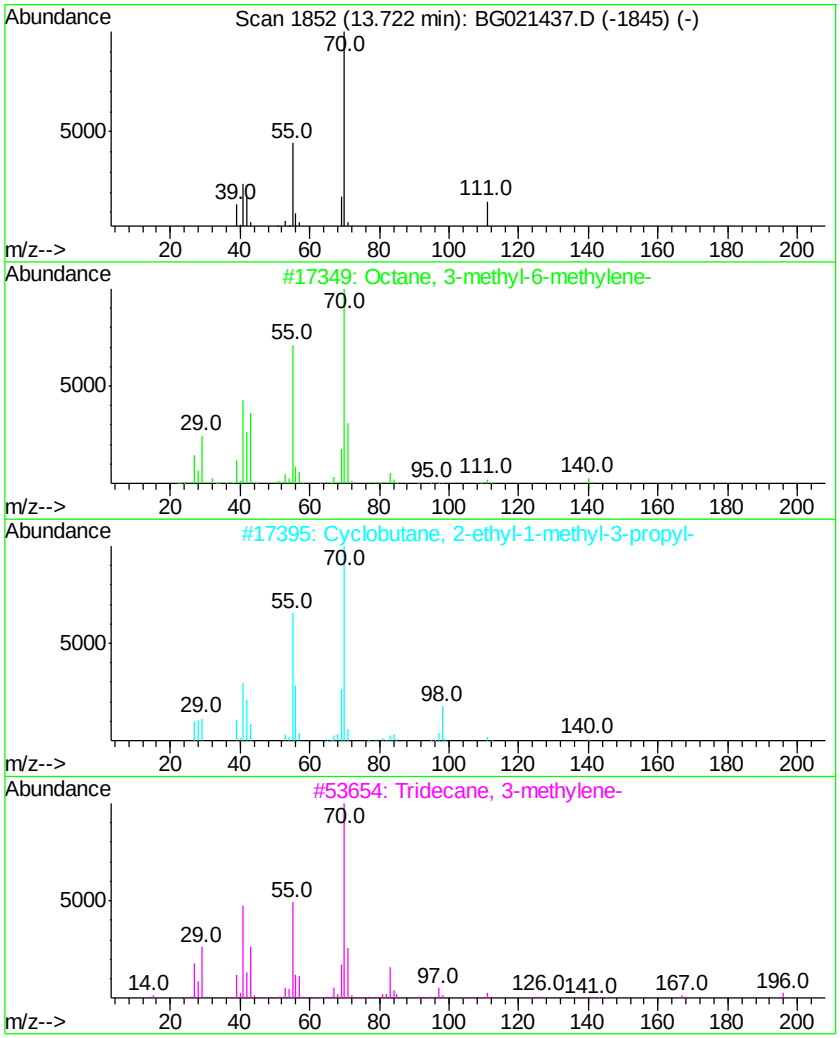
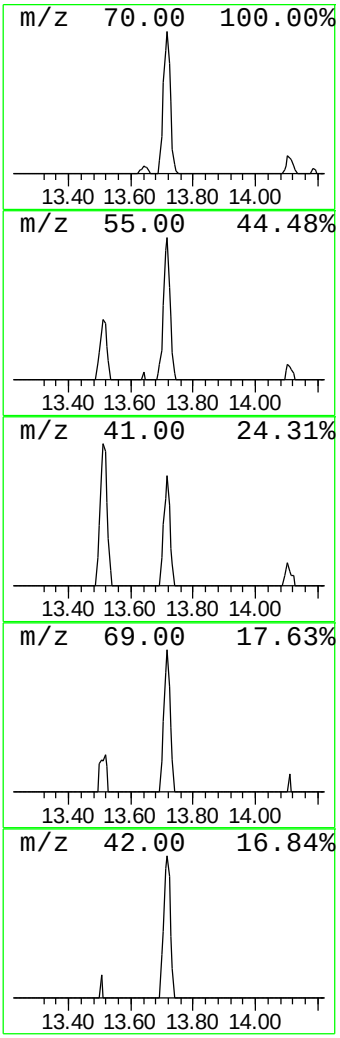
Peak Number 9 Octane, 3-methyl-6-methylene- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.88 ng/ul	30159	Acenaphthene-d10	14.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	78
2	Cyclobutane, 2-ethyl-1-methyl-3-...	140	C10H20	061233-72-5	56
3	Tridecane, 3-methylene-	196	C14H28	019780-34-8	39
4	Undecane, 3-methylene-	168	C12H24	071138-64-2	39
5	Cyclobutane, 1,1,2,3,3-pentamethyl-	126	C9H18	057905-86-9	39





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031716\
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Sample : H1785-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA 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
unknown-01	9.70	4.0	ng/ul	15838	2	10.90	79017	20.0
Benzene, 1,3,5-tr...	11.28	34.0	ng/ul	134419	2	10.90	79017	20.0
Benzene, 1-chloro...	11.50	2.2	ng/ul	8859	2	10.90	79017	20.0
Octane, 3-methyl-...	13.72	4.9	ng/ul	30159	3	14.70	123709	20.0