LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

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-BG060616.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	4.183	224	229	234	rBV	23831	40235	1.76%	0.414%
2	5.616	466	473	484	rBV	144606	281332	12.33%	2.893%
3	7.238	742	749	761	rBV	105639	210973	9.25%	2.170%
4	7.602	804	811	829	rBV	296956	588339	25.79%	6.051%
5	8.072	884	891	899	rBV	62759	122386	5.37%	1.259%
6	8.395	938	946	963	rBV	252624	510886	22.40%	5.254%
7	9.177	1069	1079	1084	rBV4	26032	52309	2.29%	0.538%
8	9.247	1084	1091	1102	rVB	205610	426577	18.70%	4.387%
9	9.700	1163	1168	1175	rVB	27433	49695	2.18%	0.511%
10	10.070	1225	1231	1237	rBV3	11958	24087	1.06%	0.248%
11	10.281	1257	1267	1274	rBV2	63677	129233	5.67%	1.329%
12	10.893	1361	1371	1384	rBV	110276	286224	12.55%	2.944%
13	10.998	1384	1389	1395	rVB3	17317	34266	1.50%	0.352%
14	11.462	1462	1468	1474	rBV4	10779	23726	1.04%	0.244%
15	12.426	1626	1632	1640	rVB3	25593	52506	2.30%	0.540%
16	12.761	1678	1689	1697	rBV	46346	100761	4.42%	1.036%
17	13.331	1778	1786	1794	rBV	782174	1323335	58.01%	13.610%
18	14.712	2012	2021	2029	rBV2	218914	397860	17.44%	4.092%
19	16.198	2267	2274	2285	rBV	629342	1082379	47.45%	11.132%
20	17.455	2481	2488	2500	rVB	307677	512113	22.45%	5.267%
21	19.723	2869	2874	2881	rVB	82810	111439	4.89%	1.146%
22	20.052	2923	2930	2945	rBV	1590836	2281035	100.00%	23.460%
23	20.763	3047	3051	3056	rVB2	60813	74699	3.27%	0.768%
24	21.727	3208	3215	3224	rBV2	265967	508266	22.28%	5.227%
25	23.431	3503	3505	3507	rVB	152027	53854	2.36%	0.554%
26	24.994	3760	3771	3783	rBV2	141920	444580	19.49%	4.572%

Sum of corrected areas: 9723095

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Misc :
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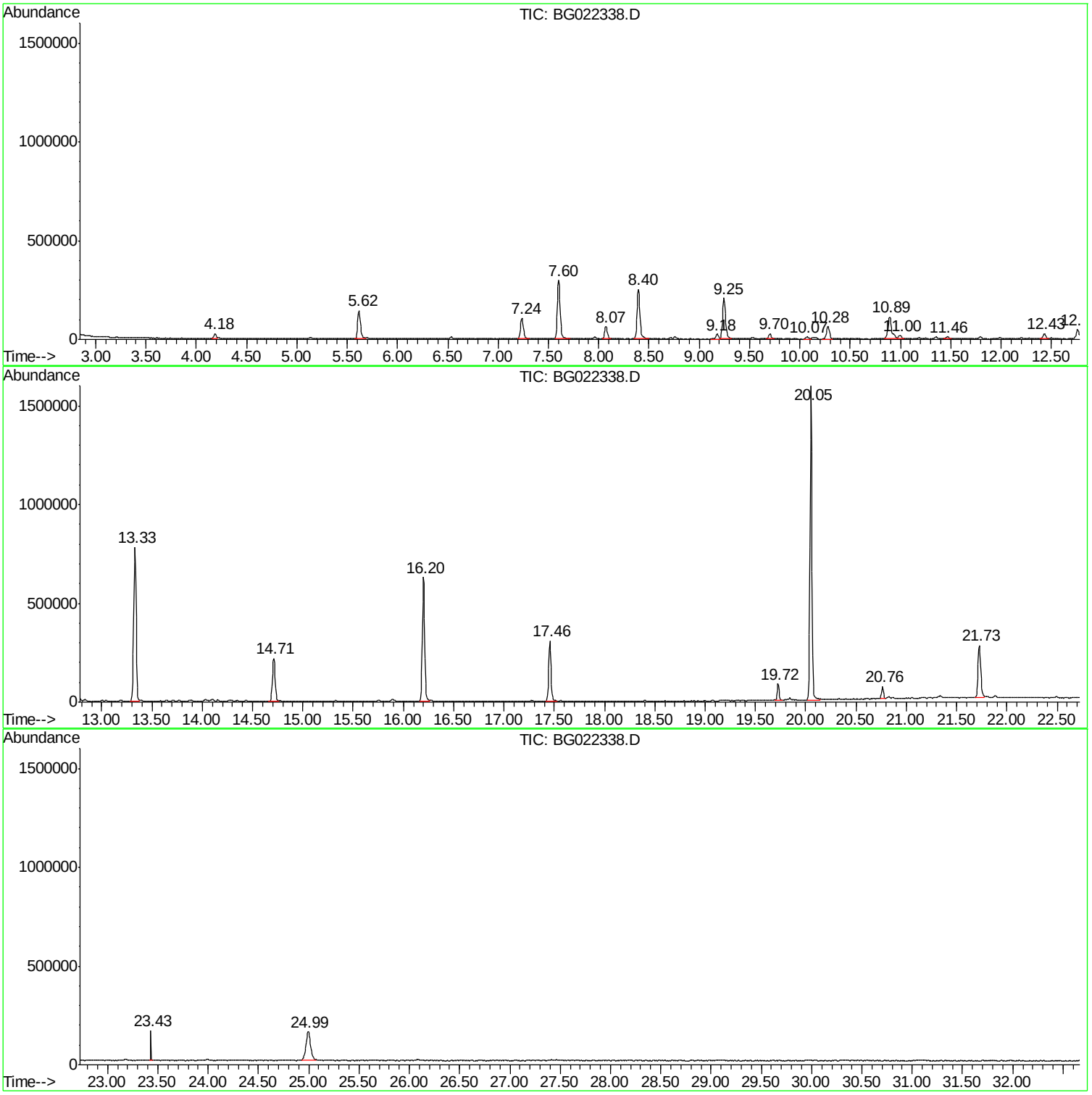
Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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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Data File : BG022338.D
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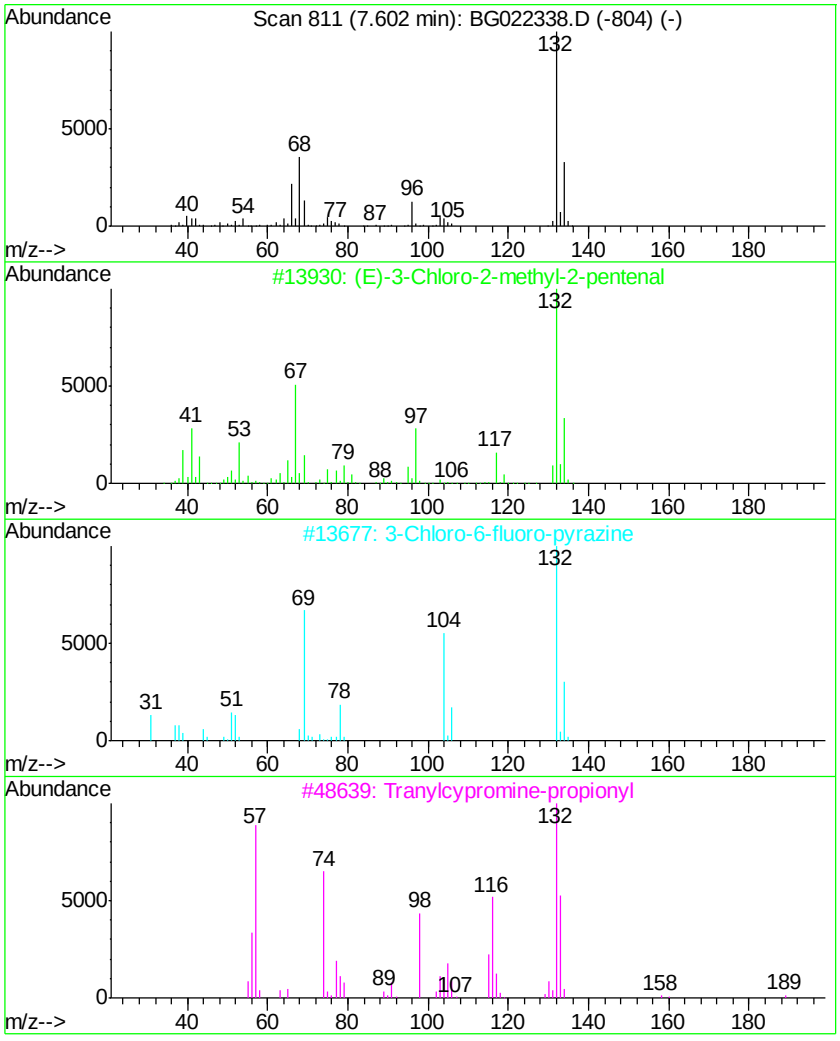
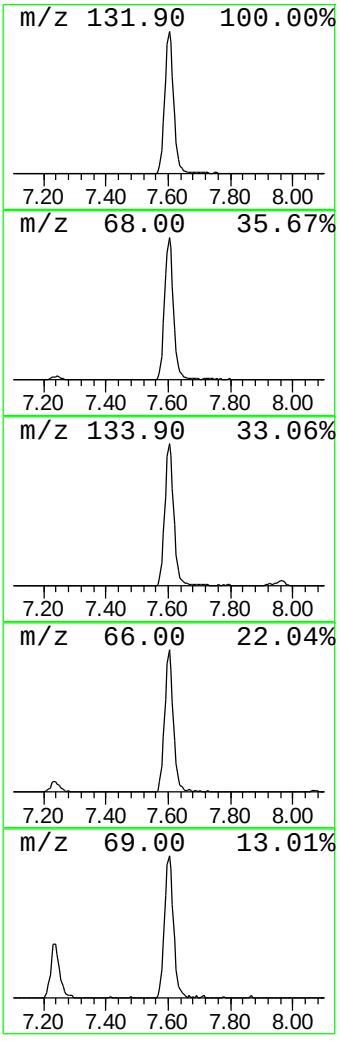
****

Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	96.14 ng	588339	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9





Library Search Compound Report

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Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
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Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

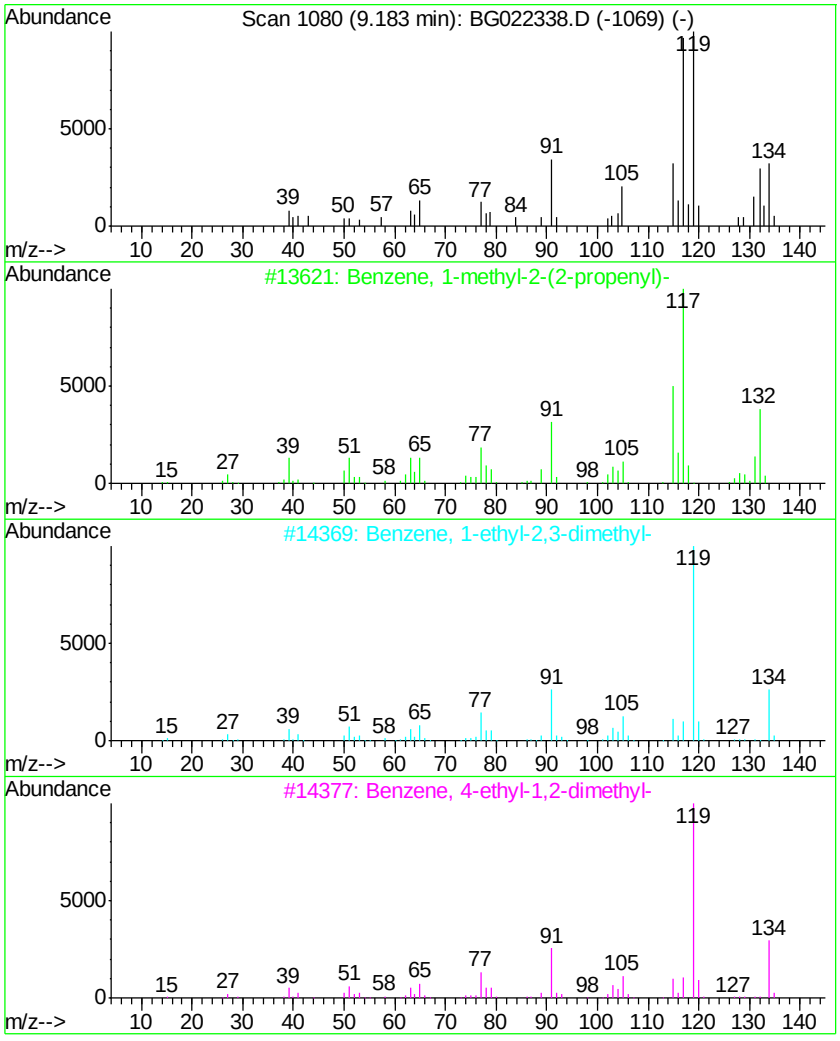
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

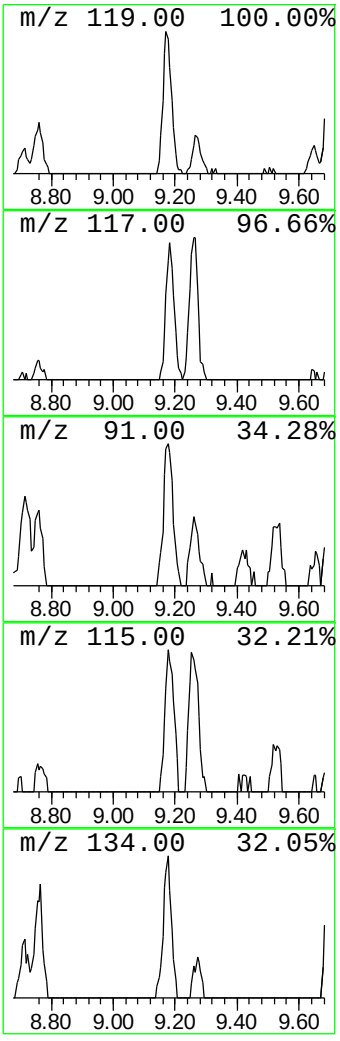
****

Peak Number 4 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.18	8.55 ng	52309	1,4-Dichlorobenzene-d4	8.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	86
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	60
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	52





Library Search Compound Report

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Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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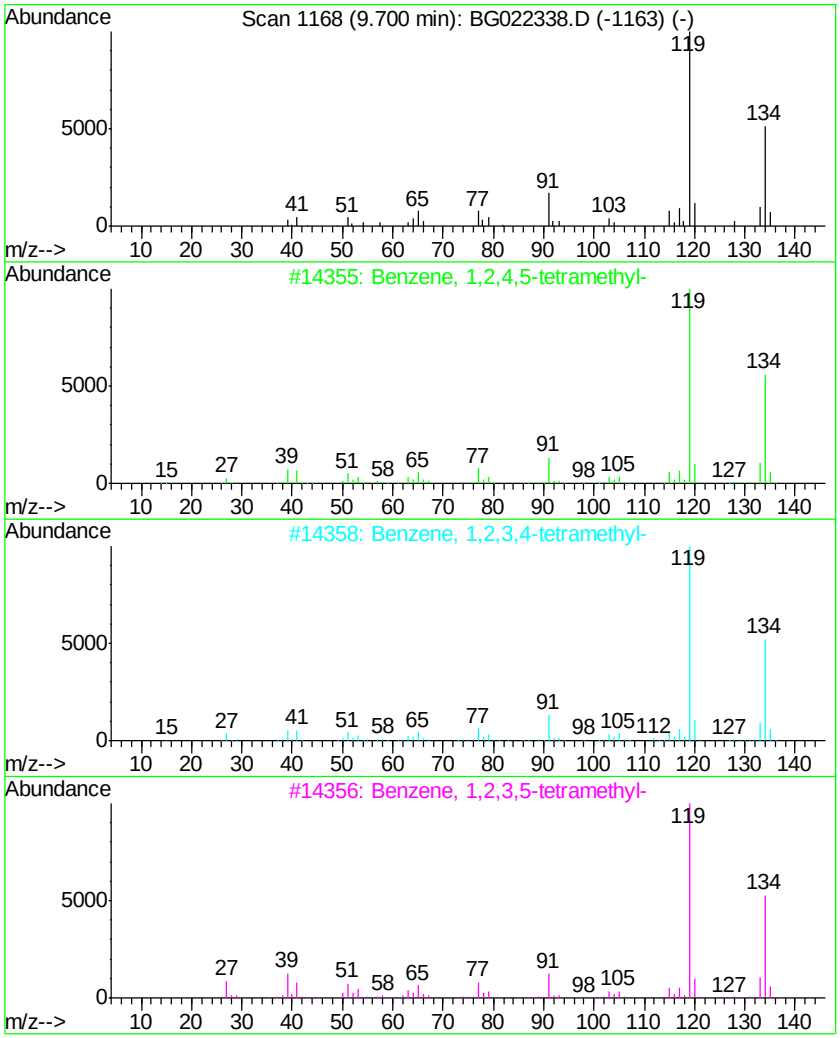
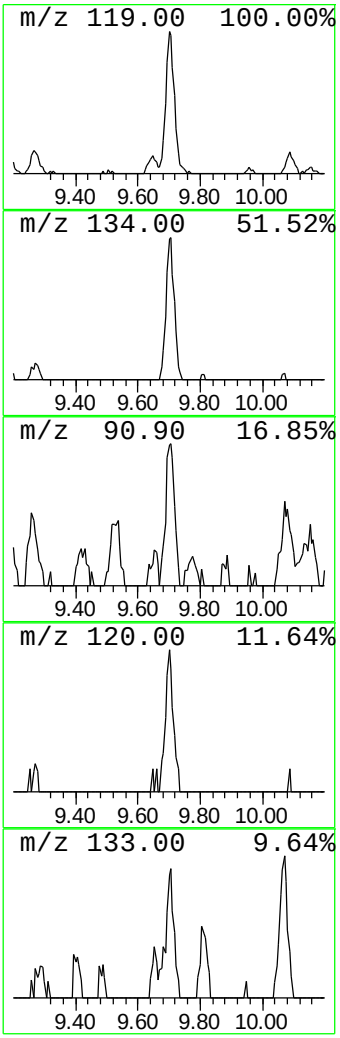
****

Peak Number 5 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	3.47 ng	49695	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	93
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





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Data File : BG022338.D
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Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

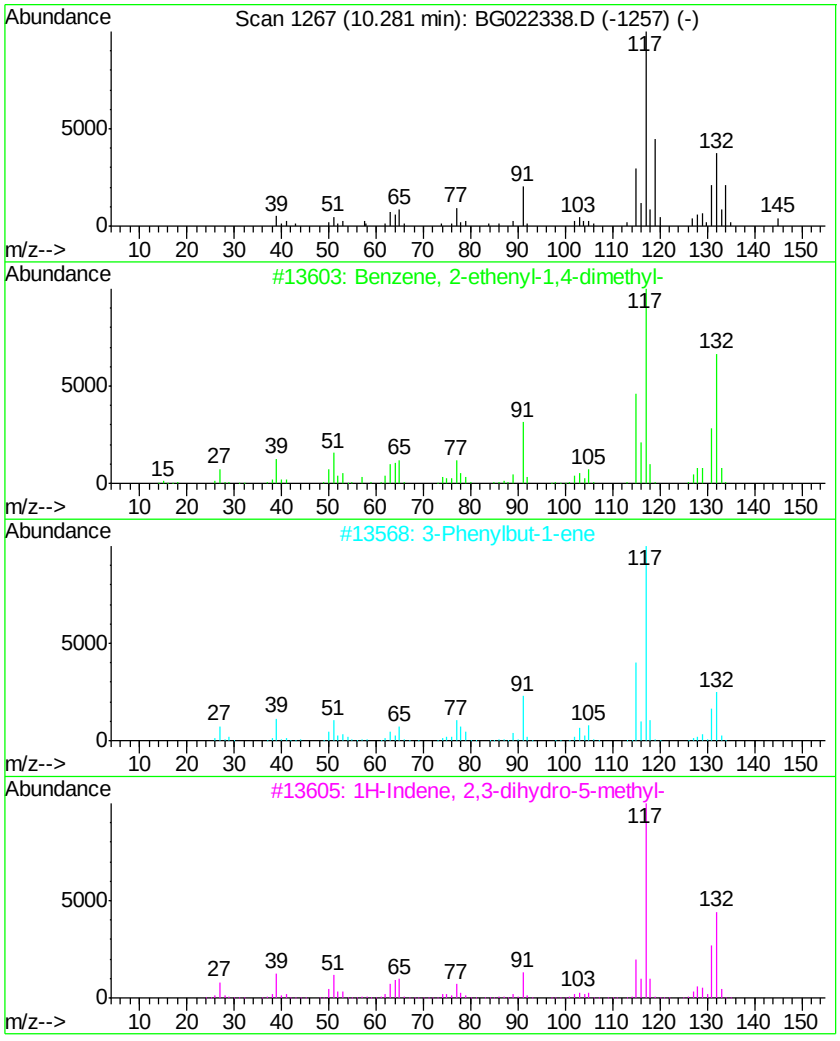
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

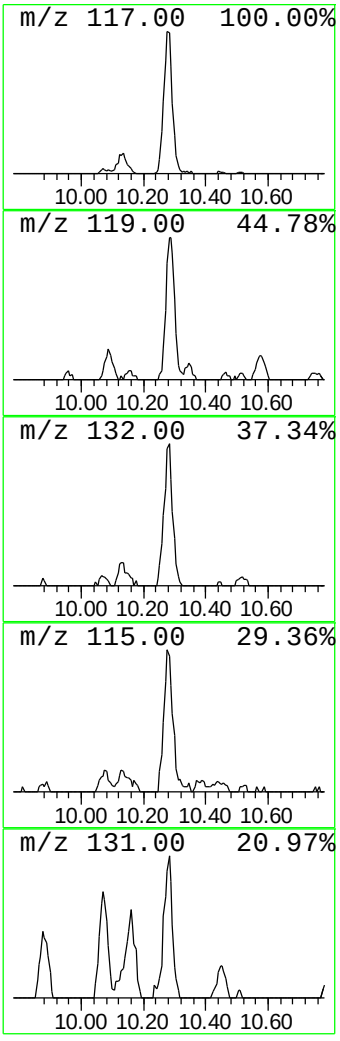
****

Peak Number 6 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	9.03 ng	129233	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	64
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	64
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
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Operator : UM/SJ
Sample : H3427-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

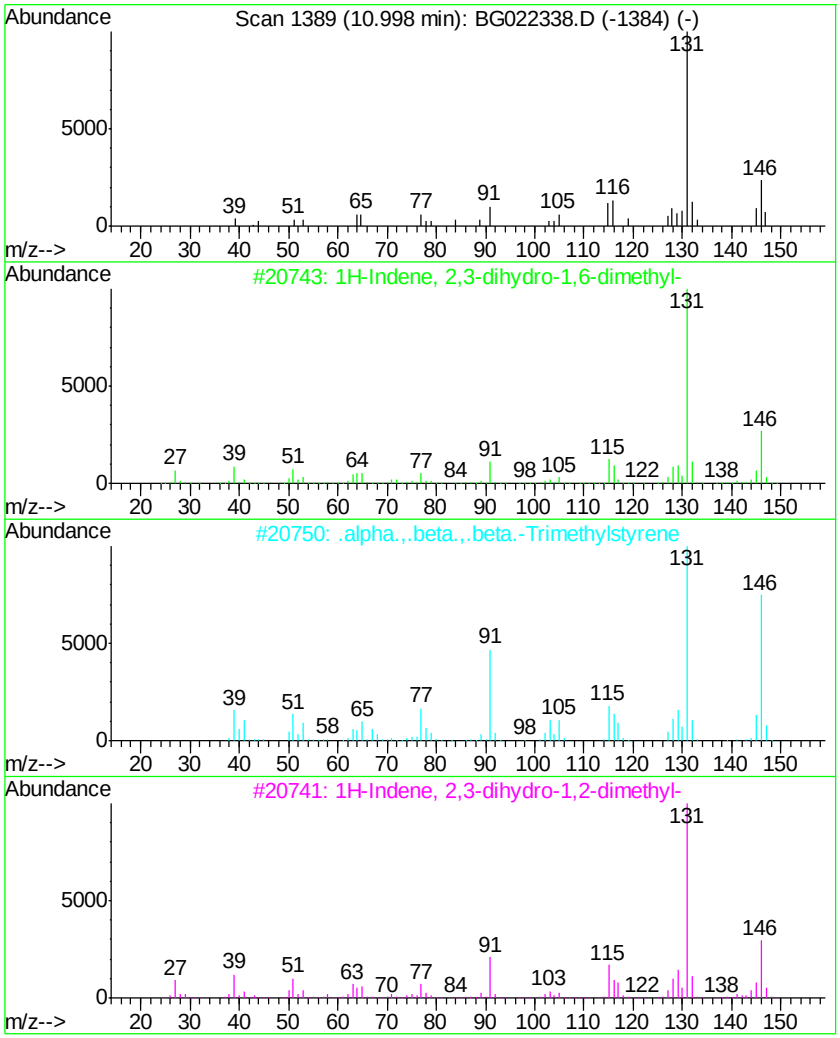
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

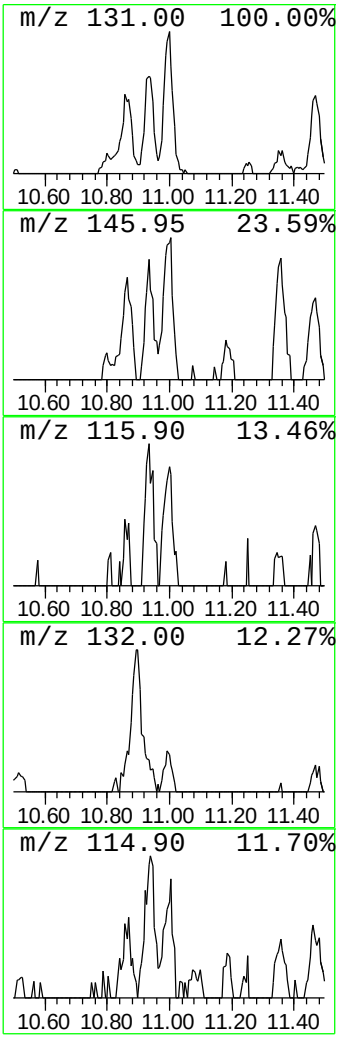
****

Peak Number 7 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.00	2.39 ng	34266	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	91
2	.alpha.,.beta.,.beta.-Trimethyls...	146	C11H14	000769-57-3	91
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	91
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	90
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	87





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

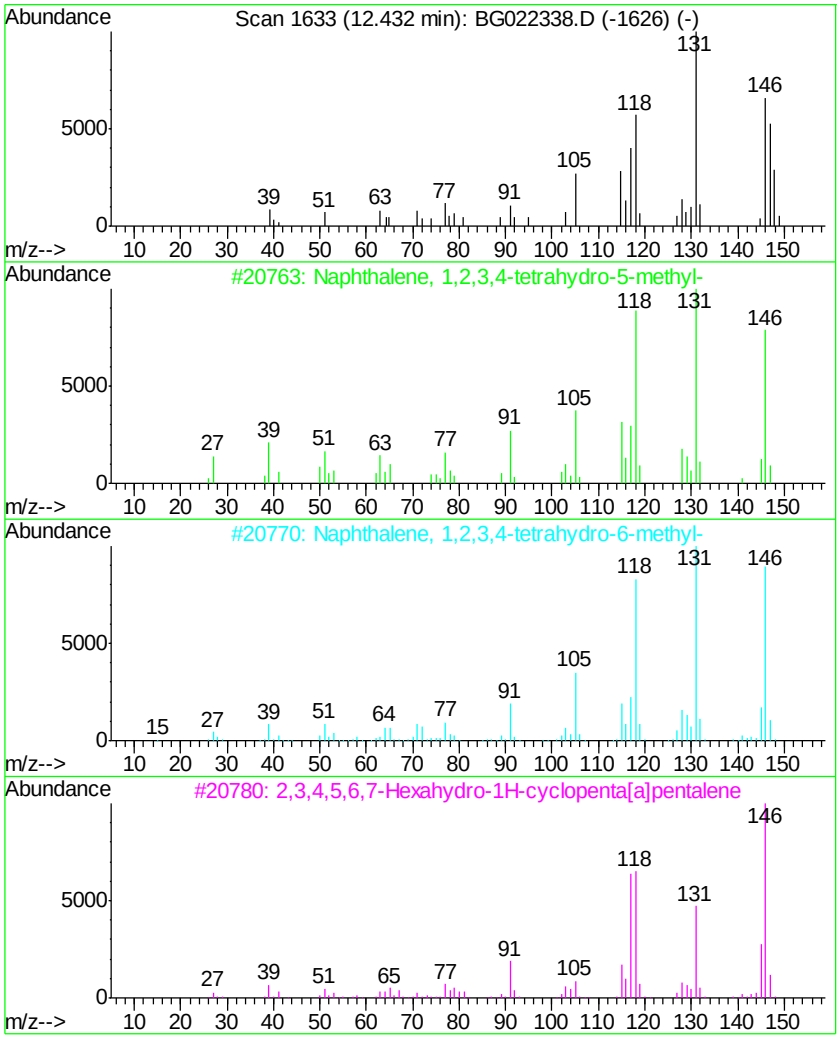
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

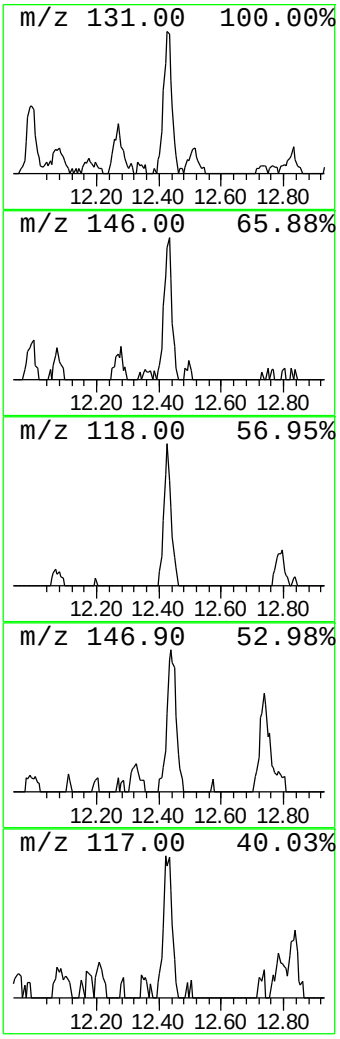
****

Peak Number 8 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	3.67 ng	52506	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	80
4	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	76
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	55





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Sample : H3427-02
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Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

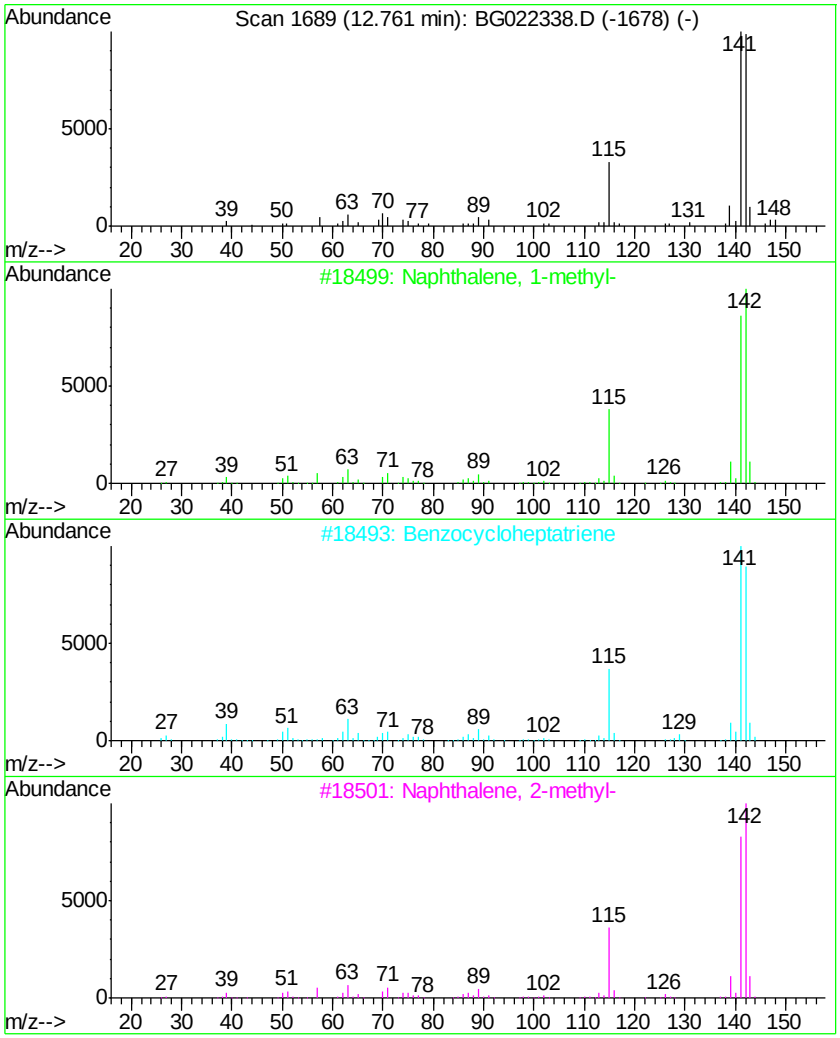
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

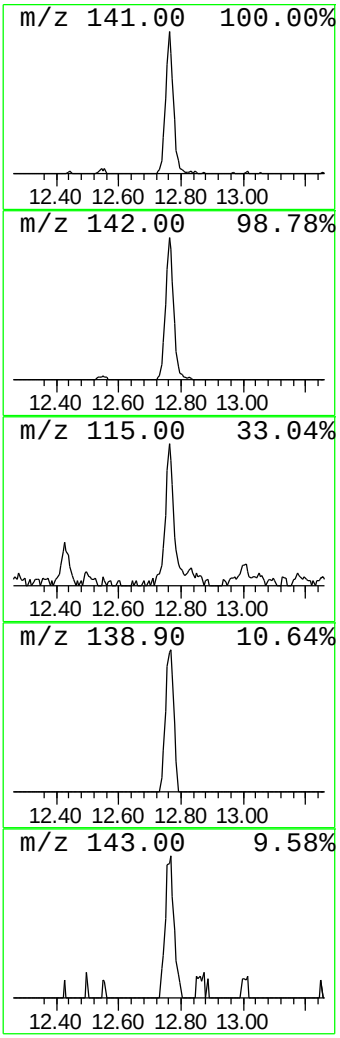
****

Peak Number 9 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	7.04 ng	100761	Naphthalene-d8	10.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Benzocycloheptatriene	142	C11H10	000264-09-5	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	87





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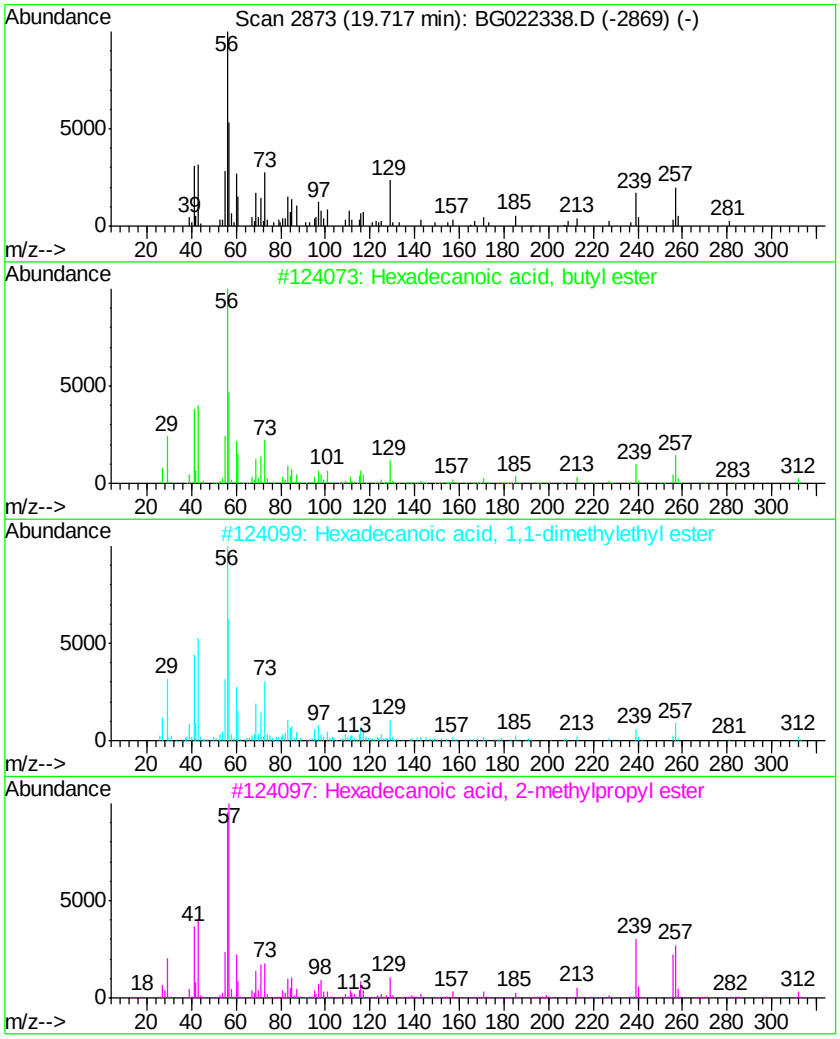
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

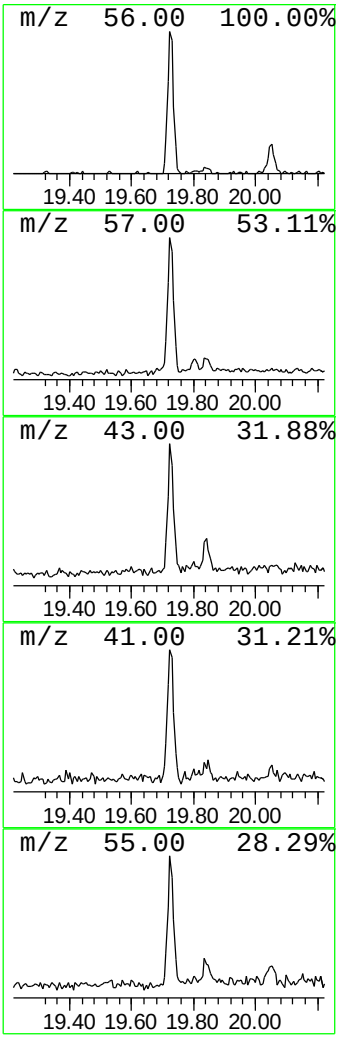
****

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	4.39 ng	111439	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	96
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	50
4	Nipecotic acid	129	C6H11NO2	000498-95-3	50
5	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	32





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

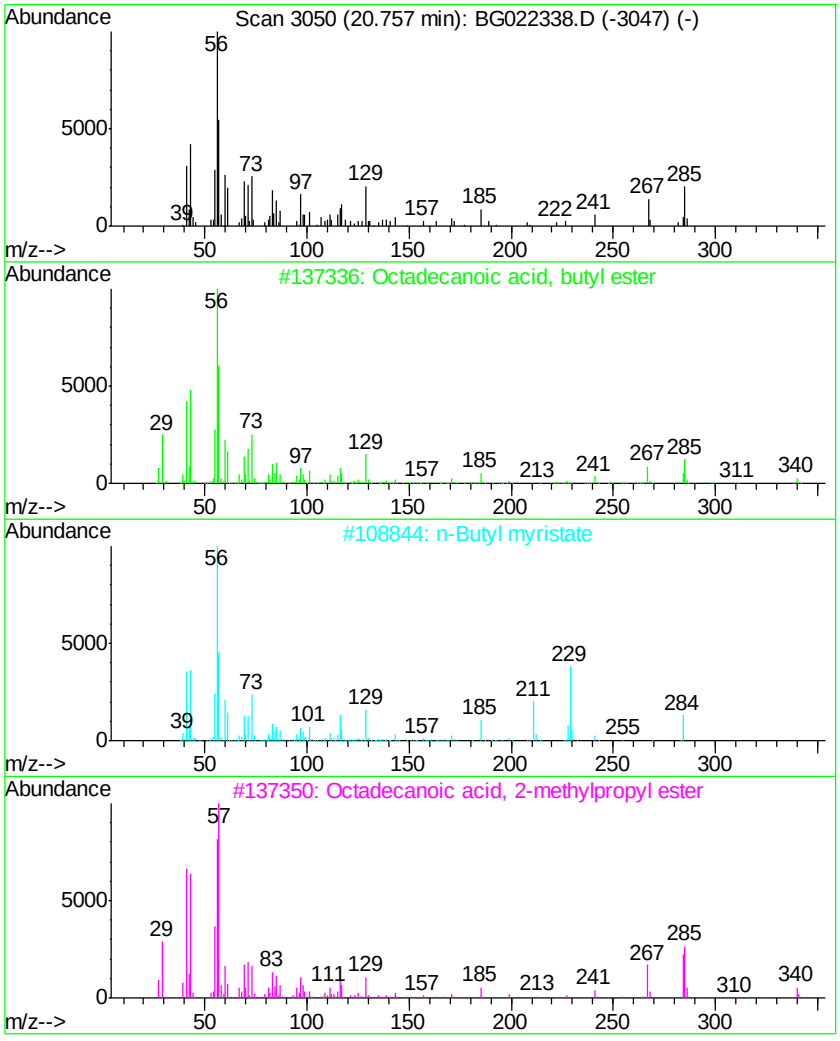
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

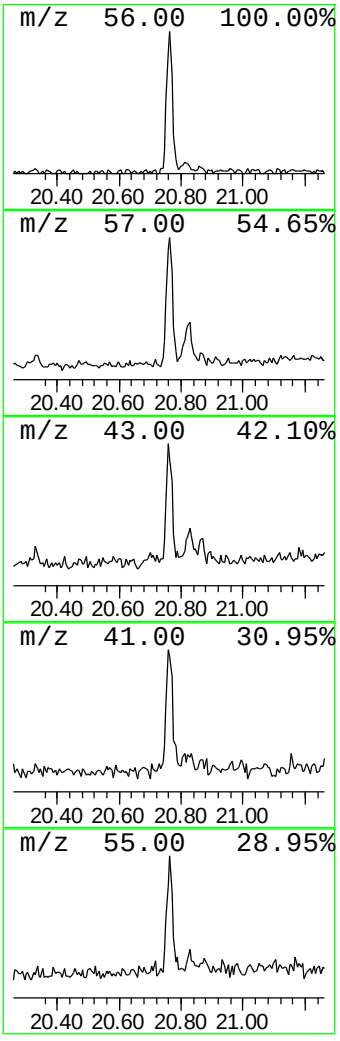
****

Peak Number 11 Octadecanoic acid, butyl ester Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	2.94 ng	74699	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	93
2	n-Butyl myristate	284	C18H36O2	000110-36-1	64
3	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	49
4	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	38
5	1-Heptene, 2-methyl-	112	C8H16	015870-10-7	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061416\
Data File : BG022338.D
Acq On : 14 Jun 2016 17:06
Operator : UM/SJ
Sample : H3427-02
Misc :
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Instrument : BNA_G
ClientSampleId : W-39

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown7.60	7.60	96.1	ng	588339	1	8.07	122386	20.0
Benzene, 1-methyl...	9.18	8.6	ng	52309	1	8.07	122386	20.0
Benzene, 1,2,4,5-...	9.70	3.5	ng	49695	2	10.89	286224	20.0
Benzene, 2-etheny...	10.28	9.0	ng	129233	2	10.89	286224	20.0
1H-Indene, 2,3-di...	11.00	2.4	ng	34266	2	10.89	286224	20.0
Naphthalene, 1,2,...	12.43	3.7	ng	52506	2	10.89	286224	20.0
Naphthalene, 1-me...	12.76	7.0	ng	100761	2	10.89	286224	20.0
Hexadecanoic acid...	19.72	4.4	ng	111439	5	21.73	508266	20.0
Octadecanoic acid...	20.76	2.9	ng	74699	5	21.73	508266	20.0