LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036178.D
Acq On : 8 Aug 2018 1:36
Operator : JU/SJ
Sample : J4303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

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-BG071218.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	5.127	309	313	320	rBV2	26858	42551	1.36%	0.354%
2	5.597	386	393	407	rBV	218017	405550	13.00%	3.377%
3	7.183	650	663	676	rBV	128522	282972	9.07%	2.357%
4	7.547	716	725	734	rBV	452649	818525	26.25%	6.816%
5	8.012	795	804	812	rBV	96702	177828	5.70%	1.481%
6	8.329	851	858	869	rBV	397044	729739	23.40%	6.077%
7	9.169	994	1001	1014	rBV	323753	636799	20.42%	5.303%
8	9.357	1027	1033	1041	rVB9	15038	35816	1.15%	0.298%
9	9.457	1044	1050	1056	rVB2	23722	41373	1.33%	0.345%
10	9.997	1136	1142	1150	rBV4	17570	35159	1.13%	0.293%
11	10.814	1272	1281	1288	rBV	106891	216186	6.93%	1.800%
12	11.272	1354	1359	1366	rBV2	55678	107846	3.46%	0.898%
13	12.135	1500	1506	1512	rBV4	18188	32345	1.04%	0.269%
14	13.099	1666	1670	1677	rVB2	27372	39217	1.26%	0.327%
15	13.257	1688	1697	1704	rBV	937511	1473337	47.25%	12.269%
16	14.086	1835	1838	1844	rVB2	22220	34503	1.11%	0.287%
17	14.632	1920	1931	1938	rBV3	196915	352565	11.31%	2.936%
18	15.331	2046	2050	2055	rBV3	37891	58840	1.89%	0.490%
19	16.001	2157	2164	2175	rBV2	51054	113102	3.63%	0.942%
20	16.124	2178	2185	2200	rVB	959950	1497818	48.03%	12.473%
21	17.375	2393	2398	2405	rBV	308268	477078	15.30%	3.973%
22	18.262	2545	2549	2557	rBV8	18981	40860	1.31%	0.340%
23	19.989	2836	2843	2852	rBV	2219909	3118470	100.00%	25.970%
24	21.282	3060	3063	3070	rVB8	17749	34881	1.12%	0.290%
25	21.640	3118	3124	3133	rVB2	345622	579817	18.59%	4.829%
26	23.884	3500	3506	3512	rBV8	20463	45907	1.47%	0.382%
27	24.824	3656	3666	3677	rBV	203021	579043	18.57%	4.822%

Sum of corrected areas: 12008127

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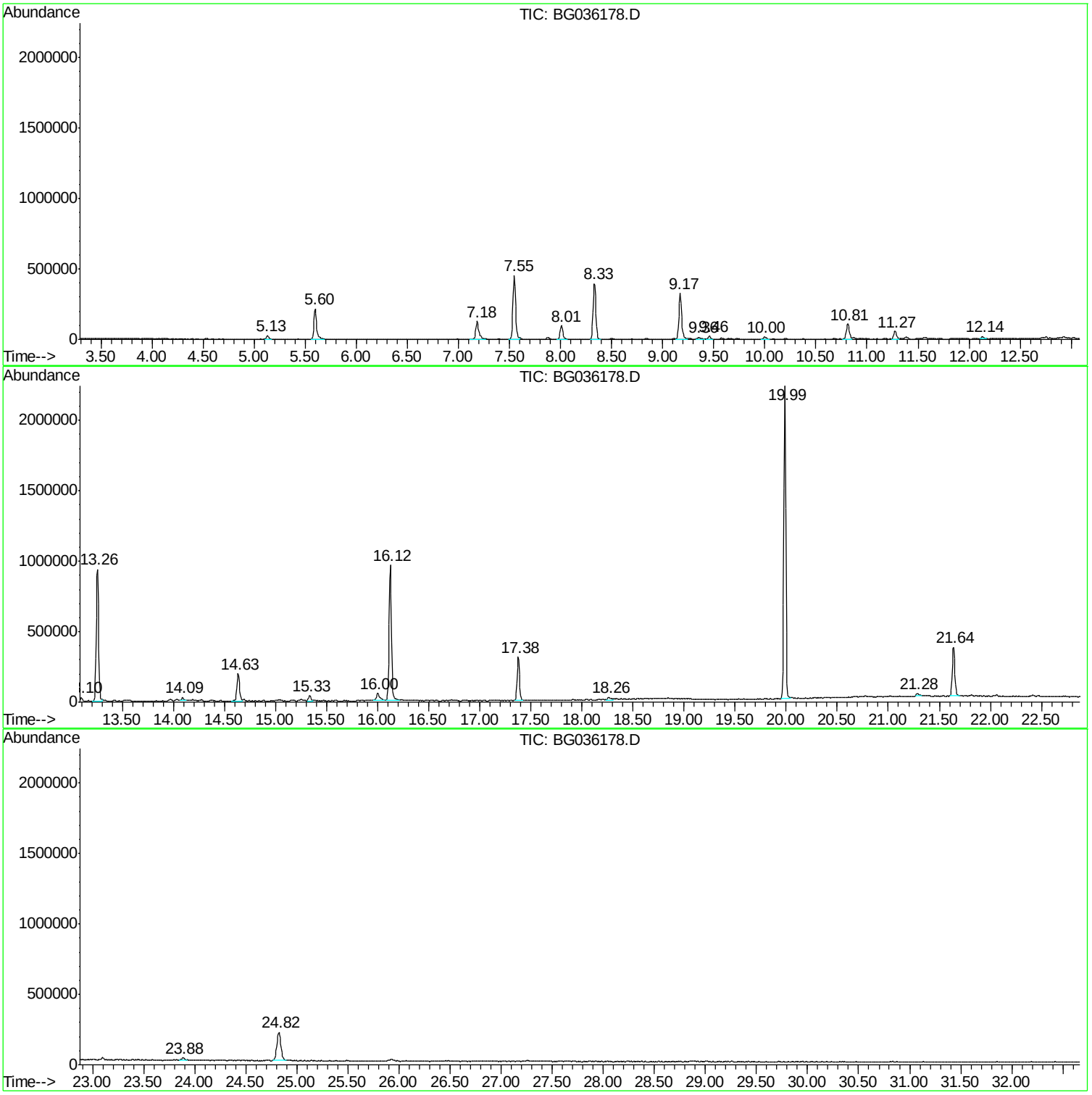
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.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

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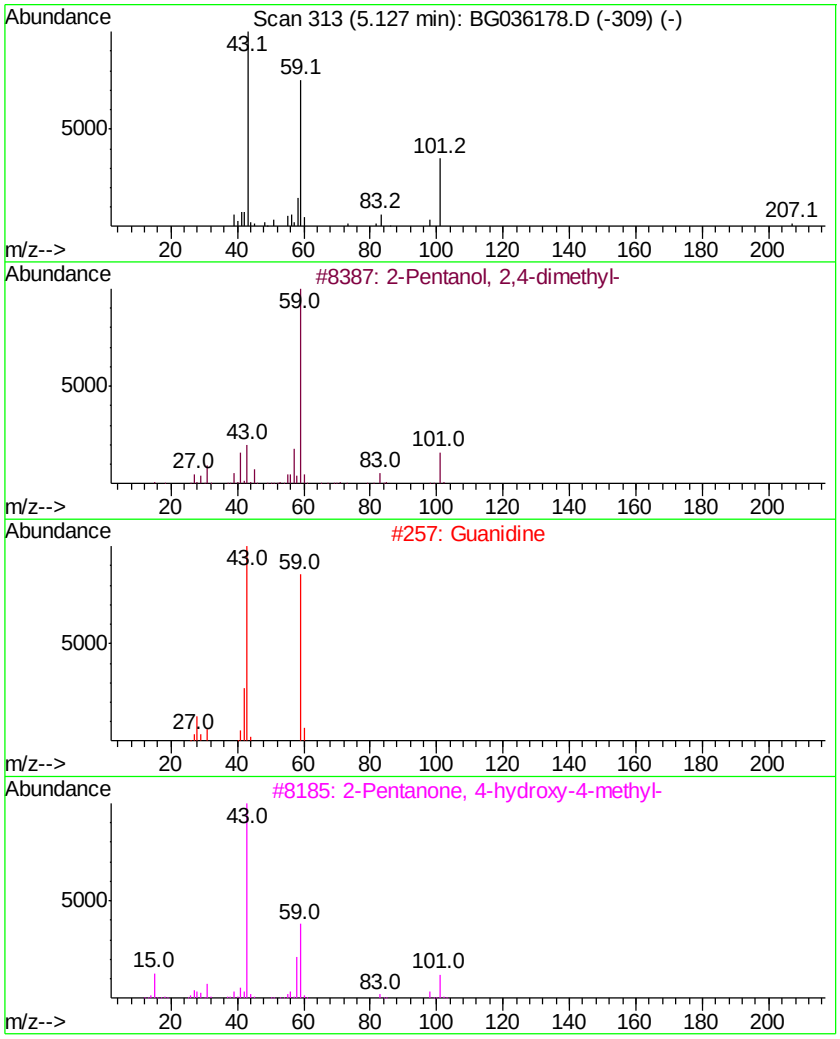
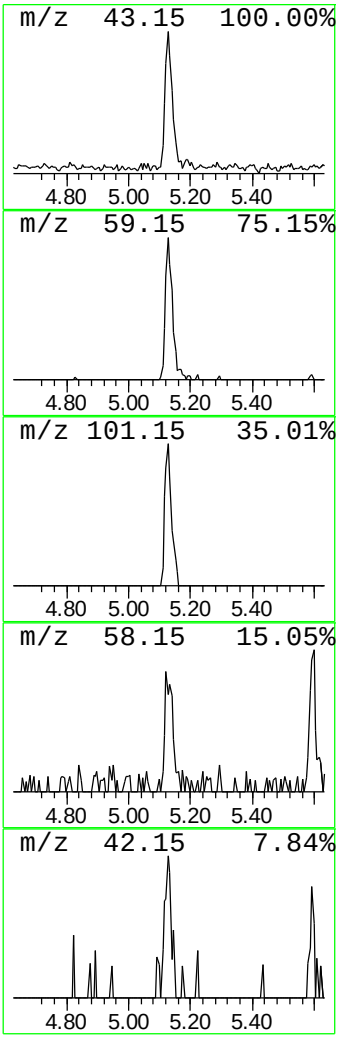
****

Peak Number 1 2-Pentanol, 2,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	4.79 ng	42551	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	50
2	Guanidine	59	CH5N3	000113-00-8	40
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	36
5	Acetic acid, chloro-, 1,1-dimeth...	150	C6H11ClO2	000107-59-5	28





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

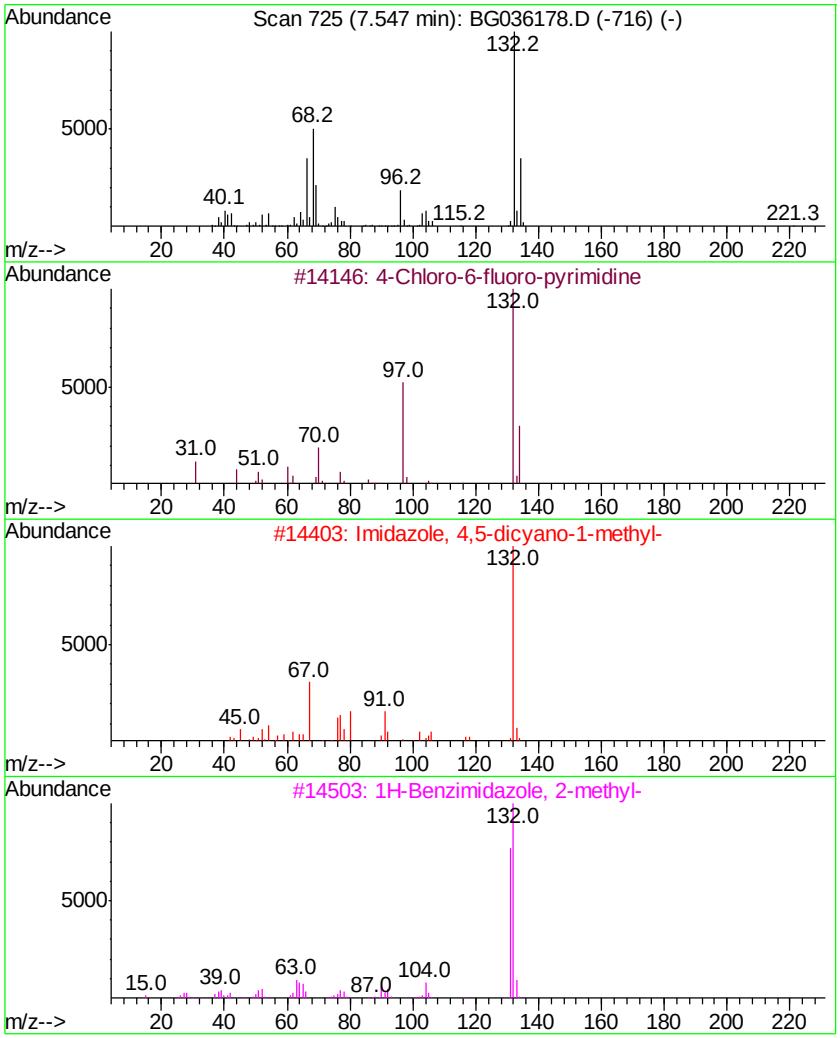
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

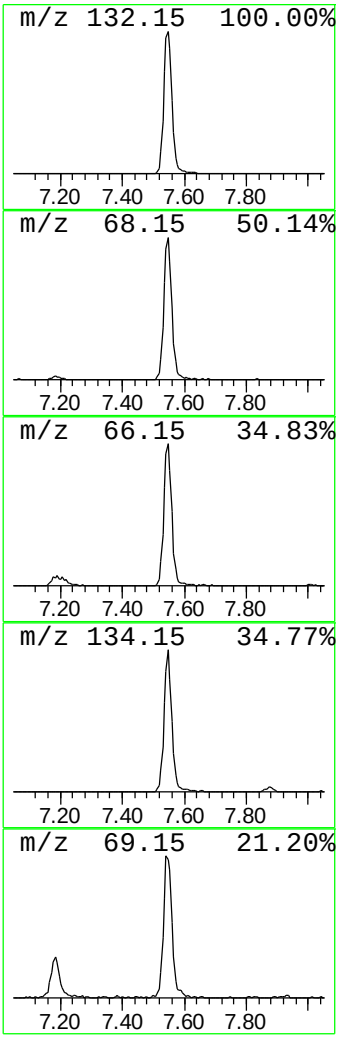
****

Peak Number 2 unknown7.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	92.06 ng	818525	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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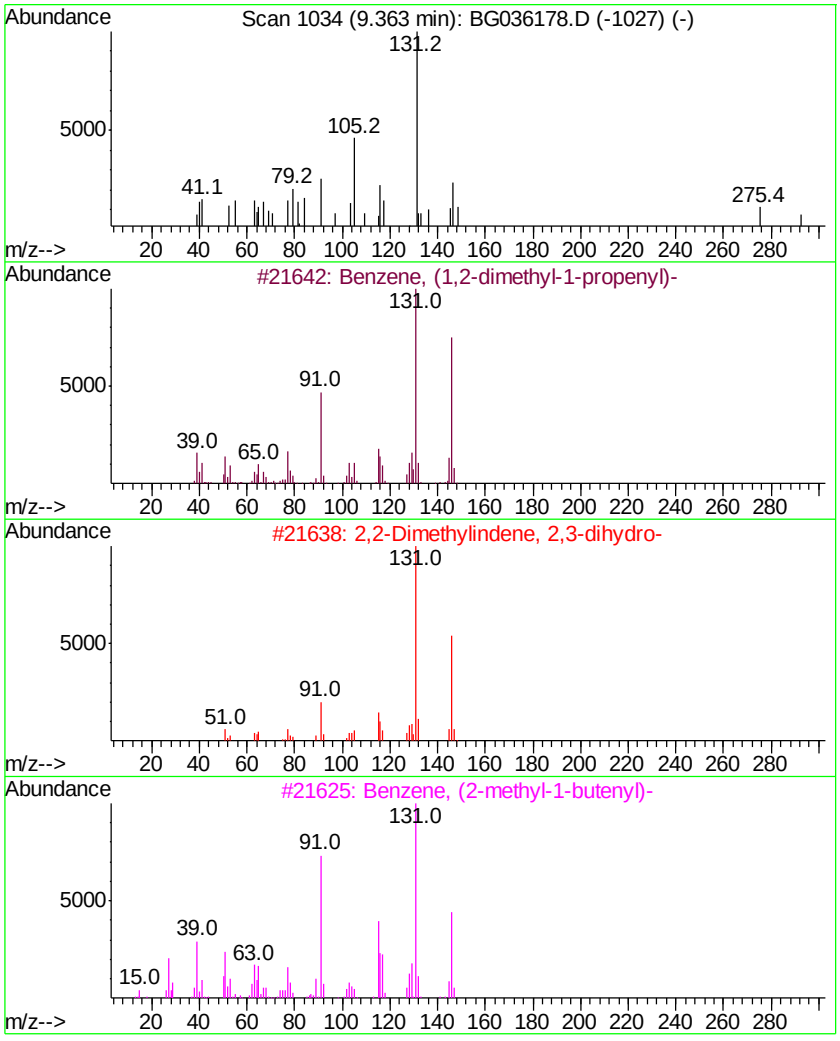
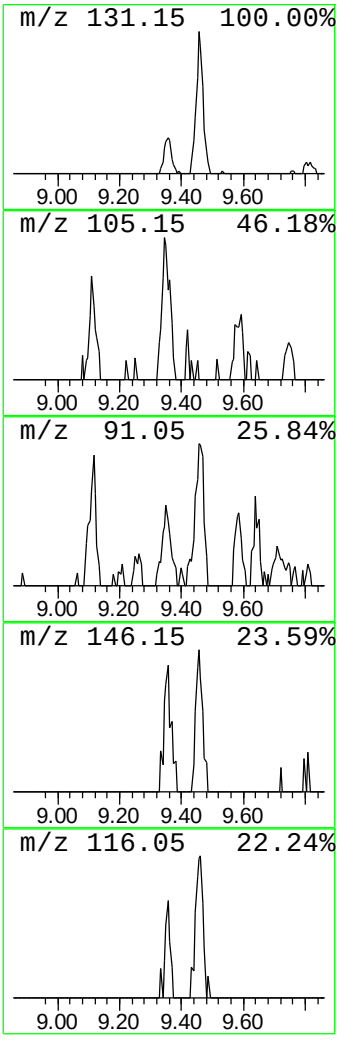
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	4.03 ng	35816	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	76
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	72
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	70
4	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	64
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	58





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Operator : JU/SJ
Sample : J4303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

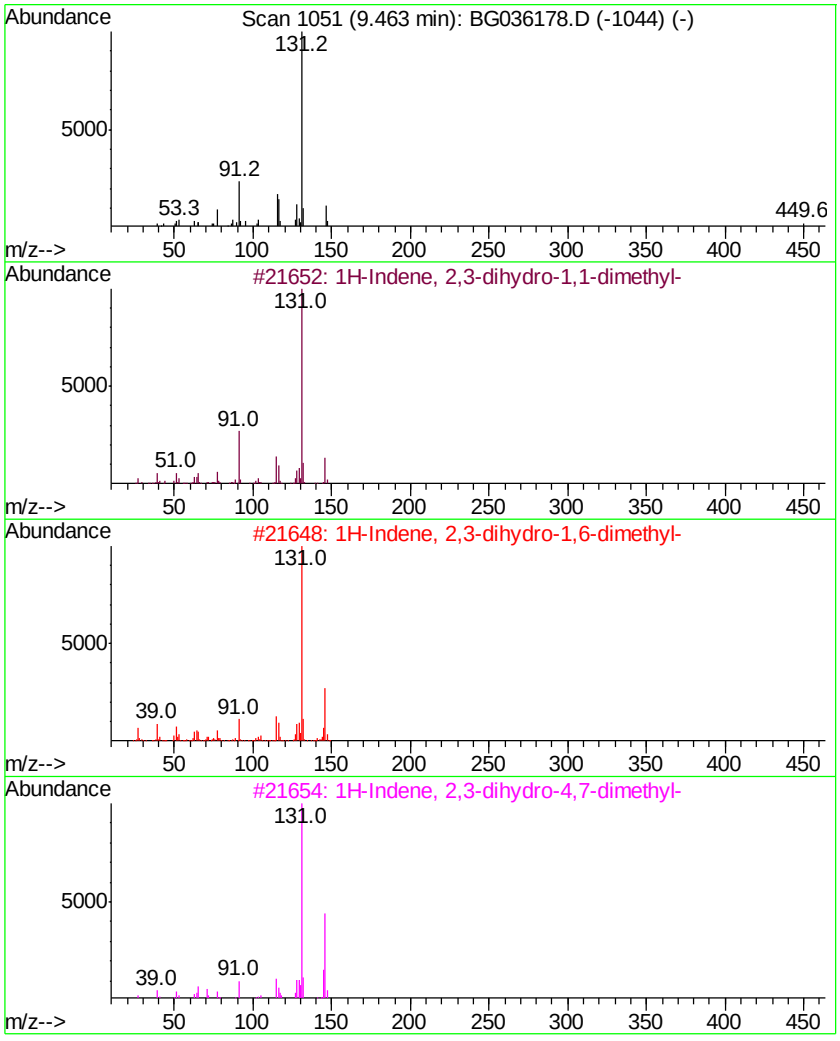
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

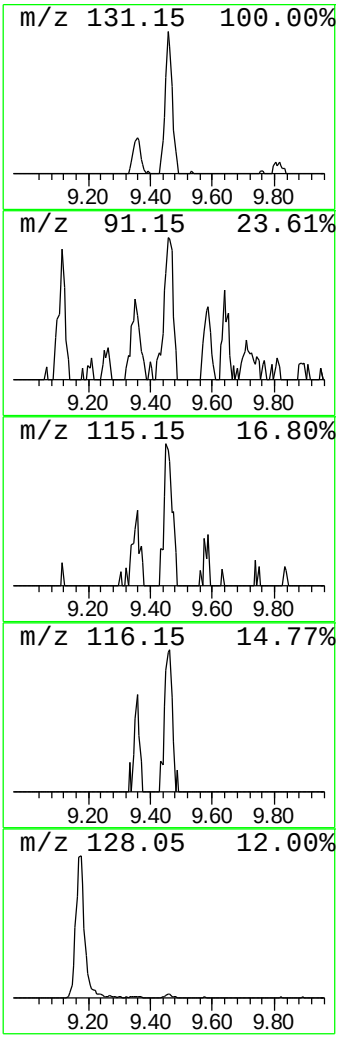
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.46	3.83 ng	41373	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	91
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	86
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	86





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Sample : J4303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
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TIC Library : C:\Database\NIST11.L
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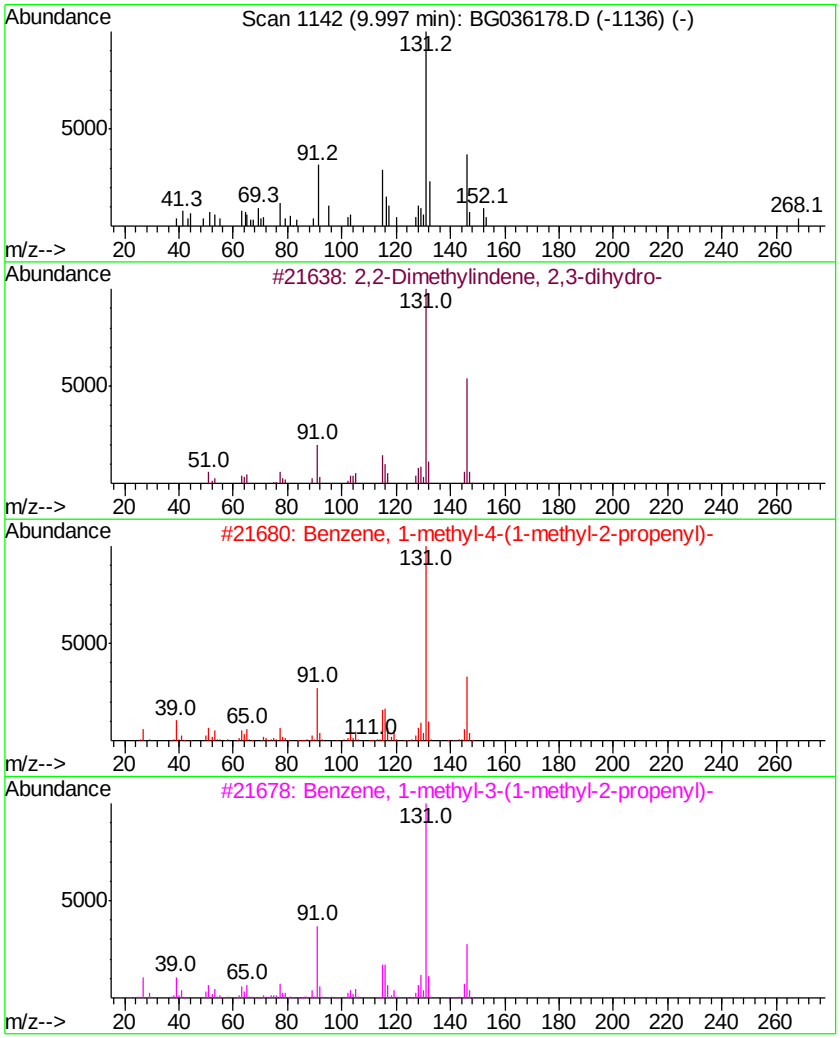
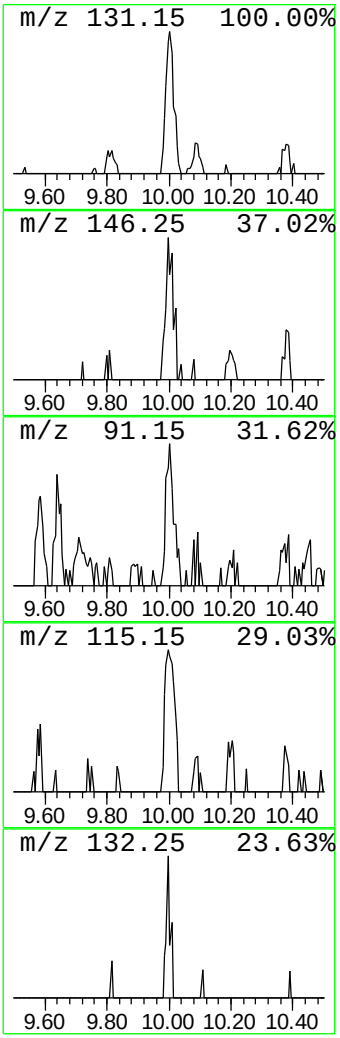
****

Peak Number 6 2,2-Dimethylindene, 2,3-dih... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	3.25 ng	35159	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
2	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	81
3	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	76
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	74





Library Search Compound Report

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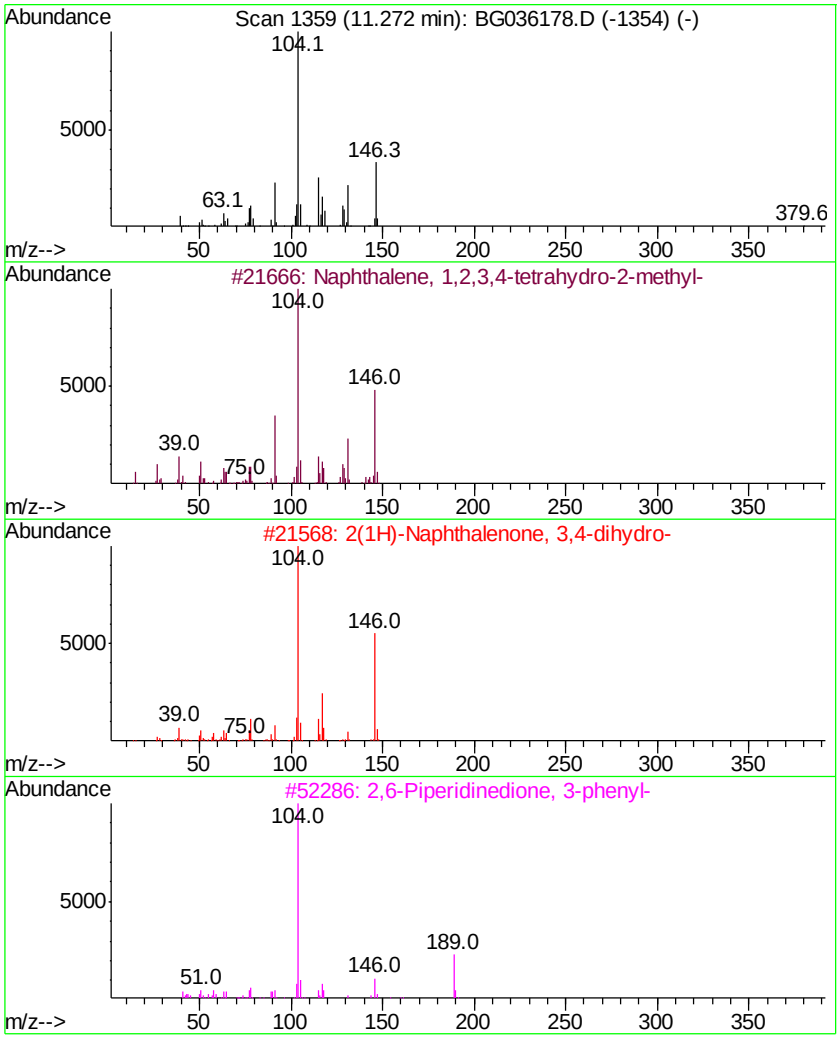
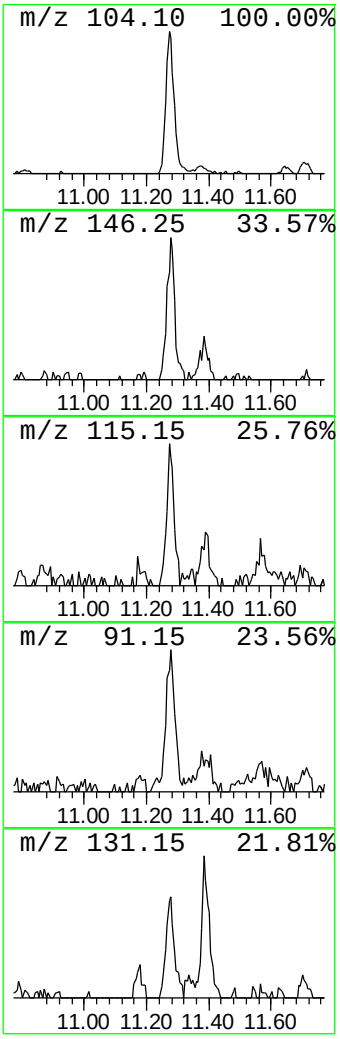
****

Peak Number 7 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	9.98 ng	107846	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	91
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	70
3	2,6-Piperidinedione, 3-phenyl-	189	C11H11NO2	014149-34-9	50
4	Benzene, 3-cyclohexen-1-yl-	158	C12H14	004994-16-5	43
5	Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	43





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Instrument : BNA_G
ClientSampleId : MW-A20

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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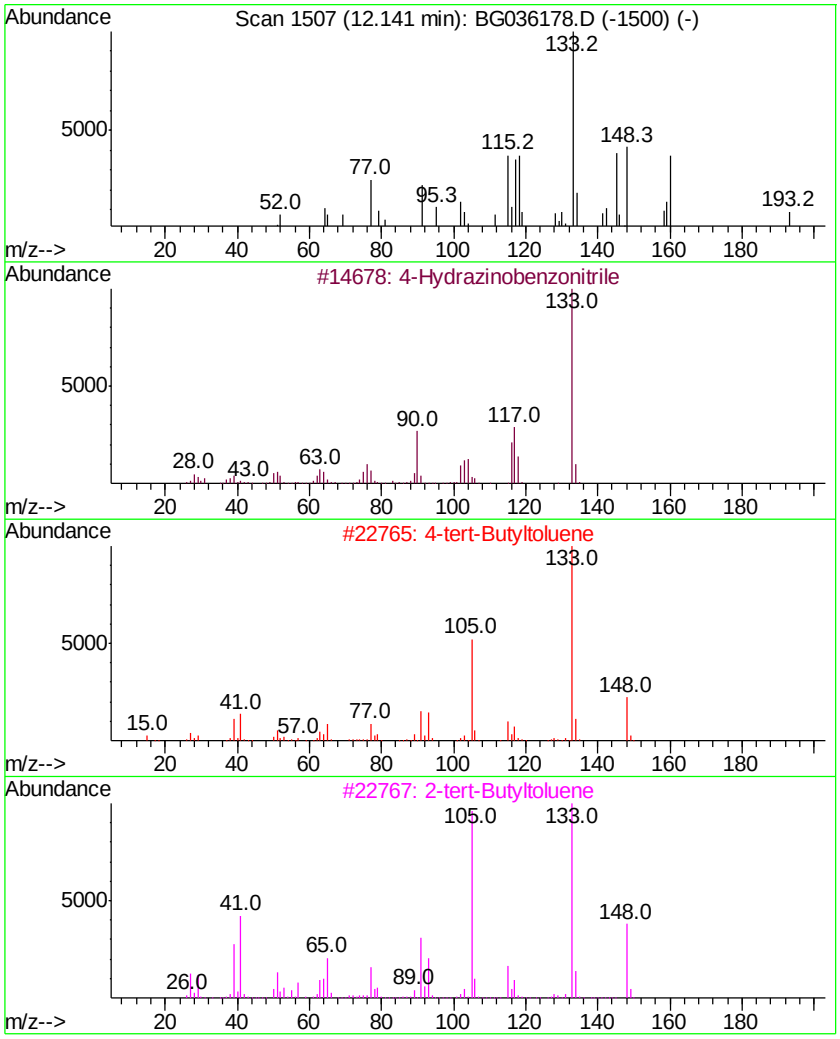
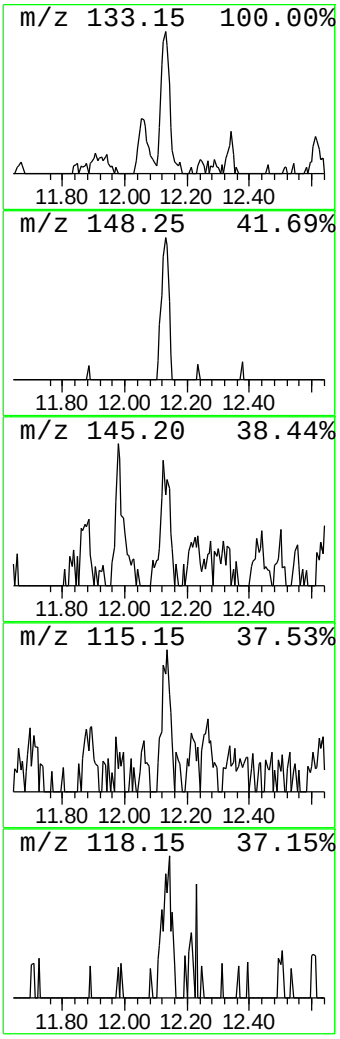
****

Peak Number 8 unknown12.14 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	2.99 ng	32345	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydrazinobenzonitrile	133	C7H7N3	017672-27-4	38
2	4-tert-Butyltoluene	148	C11H16	000098-51-1	38
3	2-tert-Butyltoluene	148	C11H16	001074-92-6	38
4	Benzene, pentamethyl-	148	C11H16	000700-12-9	37
5	1-(2,3-Dimethylphenyl)ethanone	148	C10H12O	002142-71-4	35





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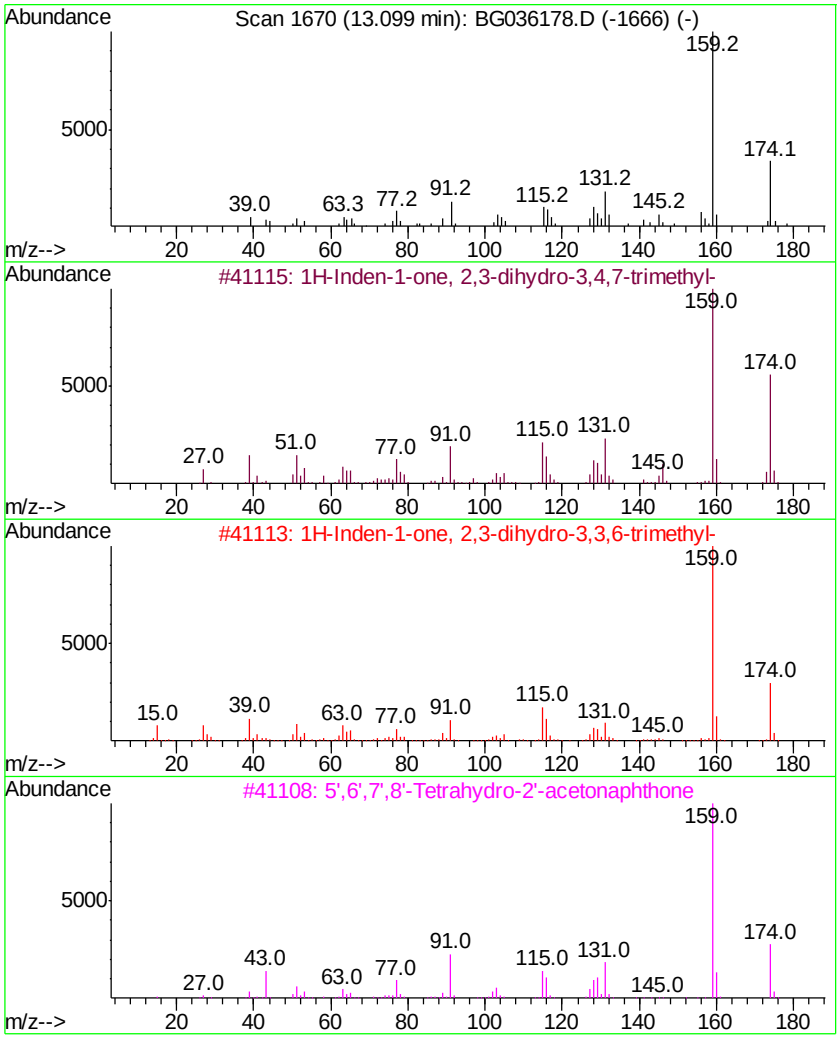
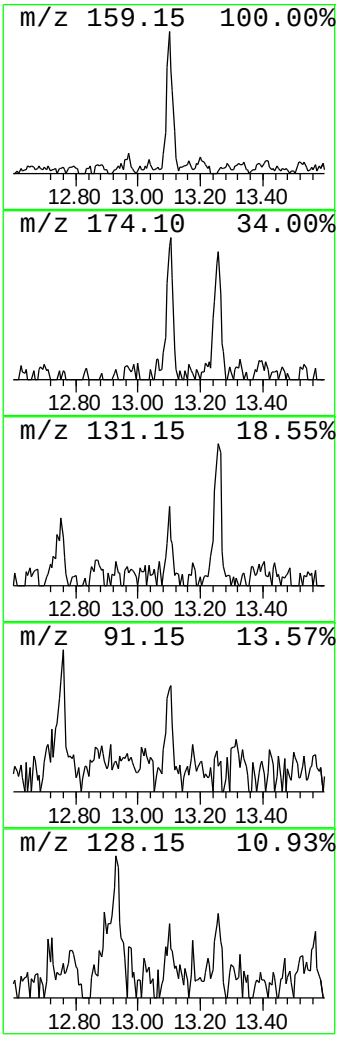
****

Peak Number 9 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.10	2.22 ng	39217	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	90
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	80
3	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	80
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	030316-36-0	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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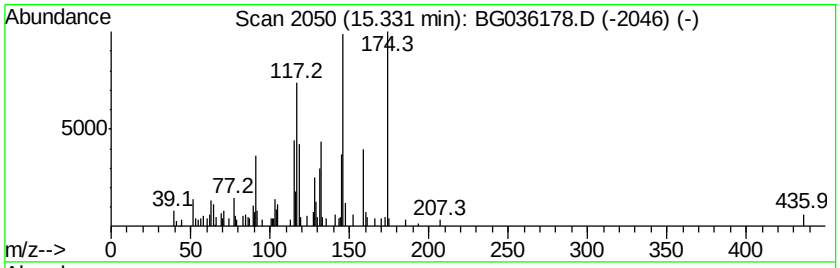
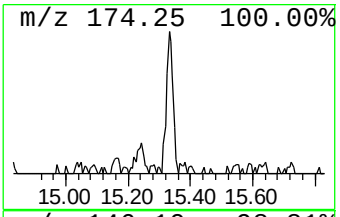
****

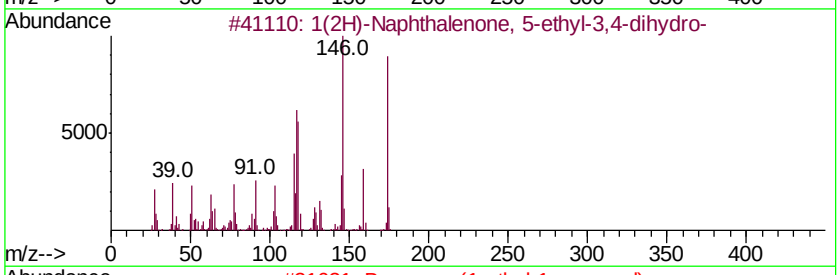
Peak Number 10 1(2H)-Naphthalenone, 5-ethy... Concentration Rank 8

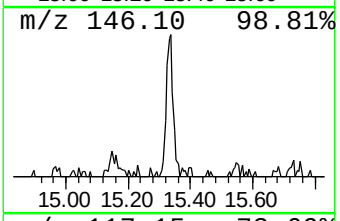
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.34 ng	58840	Acenaphthene-d10	14.63

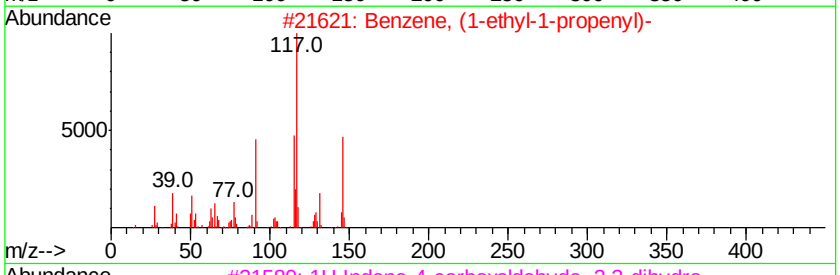
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 5-ethyl-3,4...	174	C12H14O	051015-31-7	89
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	83
3	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	50
4	Benzene, 1,3-diisocyanato-2-methyl-	174	C9H6N2O2	000091-08-7	49
5	Quinazoline, 4-ethoxy-	174	C10H10N2O	016347-96-9	41

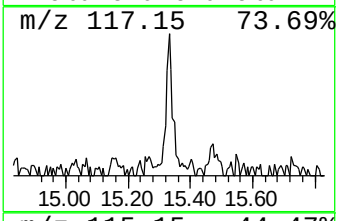


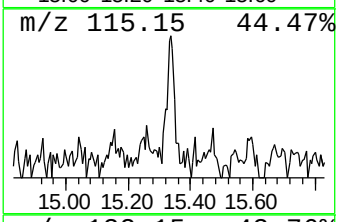


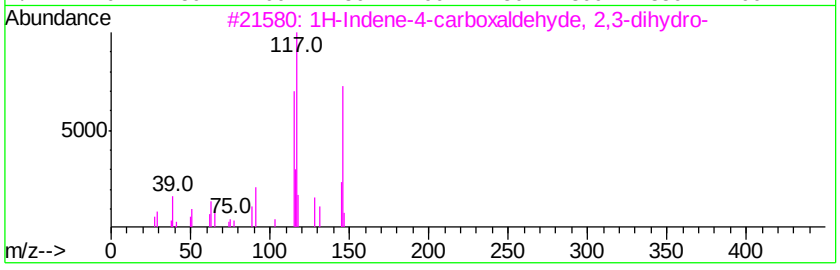


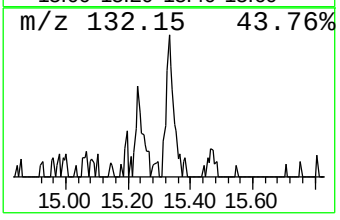












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036178.D
Acq On : 8 Aug 2018 1:36
Operator : JU/SJ
Sample : J4303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

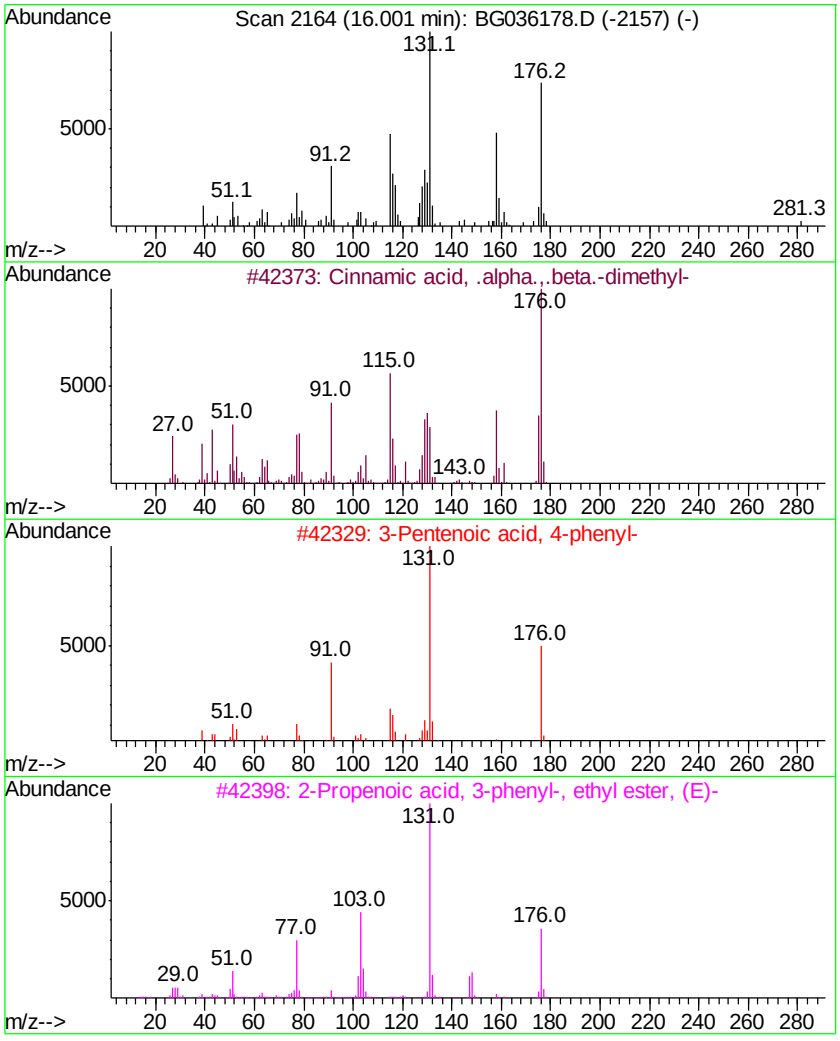
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

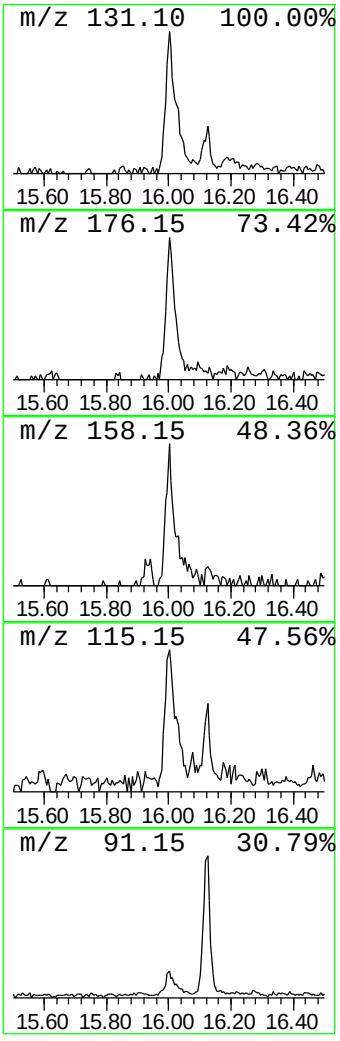
****

Peak Number 11 Cinnamic acid, .alpha.,.bet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	6.42 ng	113102	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamic acid, .alpha.,.beta.-di...	176	C11H12O2	1000151-56-4	60
2	3-Pentenoic acid, 4-phenyl-	176	C11H12O2	053774-19-9	46
3	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	004192-77-2	43
4	2-Propenoic acid, 3-phenyl-, eth...	176	C11H12O2	000103-36-6	43
5	Benzoimidazol-1-yl-acetic acid	176	C9H8N2O2	1000317-79-2	41





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080718\
Data File : BG036178.D
Acq On : 8 Aug 2018 1:36
Operator : JU/SJ
Sample : J4303-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A20

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanol, 2,4-d...	5.13	4.8	ng	42551	1	8.01	177828	20.0
unknown7.55	7.55	92.1	ng	818525	1	8.01	177828	20.0
Benzene, (1,2-dim...	9.36	4.0	ng	35816	1	8.01	177828	20.0
1H-Indene, 2,3-di...	9.46	3.8	ng	41373	2	10.81	216186	20.0
2,2-Dimethylinden...	10.00	3.3	ng	35159	2	10.81	216186	20.0
Naphthalene, 1,2,...	11.27	10.0	ng	107846	2	10.81	216186	20.0
unknown12.14	12.14	3.0	ng	32345	2	10.81	216186	20.0
1H-Inden-1-one, 2...	13.10	2.2	ng	39217	3	14.63	352565	20.0
1(2H)-Naphthaleno...	15.33	3.3	ng	58840	3	14.63	352565	20.0
Cinnamic acid, .a...	16.00	6.4	ng	113102	3	14.63	352565	20.0