LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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	5.133	308	314	321	rBV	39510	65412	1.75%	0.370%
2	5.603	387	394	411	rBV	314698	547191	14.66%	3.099%
3	7.189	654	664	675	rBV	199388	391570	10.49%	2.218%
4	7.559	719	727	744	rBV	581649	1045543	28.02%	5.922%
5	8.023	799	806	813	rBV	132127	226370	6.07%	1.282%
6	8.346	853	861	866	rBV	552469	984414	26.38%	5.575%
7	8.393	866	869	876	rVB	111893	173312	4.64%	0.982%
8	8.511	883	889	895	rBV2	49857	86002	2.30%	0.487%
9	8.663	908	915	918	rBV4	28763	45287	1.21%	0.256%
10	8.710	918	923	929	rVB2	35967	62223	1.67%	0.352%
11	9.127	984	994	998	rBV	139341	247326	6.63%	1.401%
12	9.186	998	1004	1018	rVB2	437648	979583	26.25%	5.548%
13	9.644	1077	1082	1089	rVB	70200	121182	3.25%	0.686%
14	10.015	1139	1145	1151	rBV6	26646	61599	1.65%	0.349%
15	10.220	1173	1180	1189	rBV2	266372	494679	13.26%	2.802%
16	10.825	1271	1283	1288	rBV	164729	364756	9.77%	2.066%
17	10.866	1288	1290	1297	rVV5	33145	58258	1.56%	0.330%
18	10.937	1297	1302	1309	rVB3	34804	65279	1.75%	0.370%
19	11.283	1355	1361	1369	rVB	48315	88066	2.36%	0.499%
20	11.401	1375	1381	1386	rBV	50787	93071	2.49%	0.527%
21	11.724	1431	1436	1443	rVB3	19758	37886	1.02%	0.215%
22	11.930	1465	1471	1477	rVB4	23936	40733	1.09%	0.231%
23	12.012	1477	1485	1491	rBV2	69153	123190	3.30%	0.698%
24	12.364	1538	1545	1551	rVB2	116975	192540	5.16%	1.090%
25	12.693	1595	1601	1611	rVB3	69325	148878	3.99%	0.843%
26	13.269	1692	1699	1706	rBV	1305813	2017628	54.07%	11.427%
27	13.980	1811	1820	1824	rBV3	76714	156457	4.19%	0.886%
28	14.091	1834	1839	1845	rBV	94705	142340	3.81%	0.806%
29	14.644	1926	1933	1940	rBV2	324925	563610	15.10%	3.192%
30	14.708	1940	1944	1952	rVB	52507	85392	2.29%	0.484%
31	16.136	2180	2187	2200	rVV	1122826	1795616	48.12%	10.170%
32	16.365	2223	2226	2235	rVB2	23726	41150	1.10%	0.233%
33	17.387	2391	2400	2406	rBV	441533	681642	18.27%	3.861%
34	18.274	2545	2551	2557	rBV4	34721	68177	1.83%	0.386%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

35	19.995	2838	2844	2854	rBV	2798339	3731701	100.00%	21.135%
36	21.652	3120	3126	3136	rVB	500255	824735	22.10%	4.671%
37	24.847	3658	3670	3681	rBV2	279175	803436	21.53%	4.550%

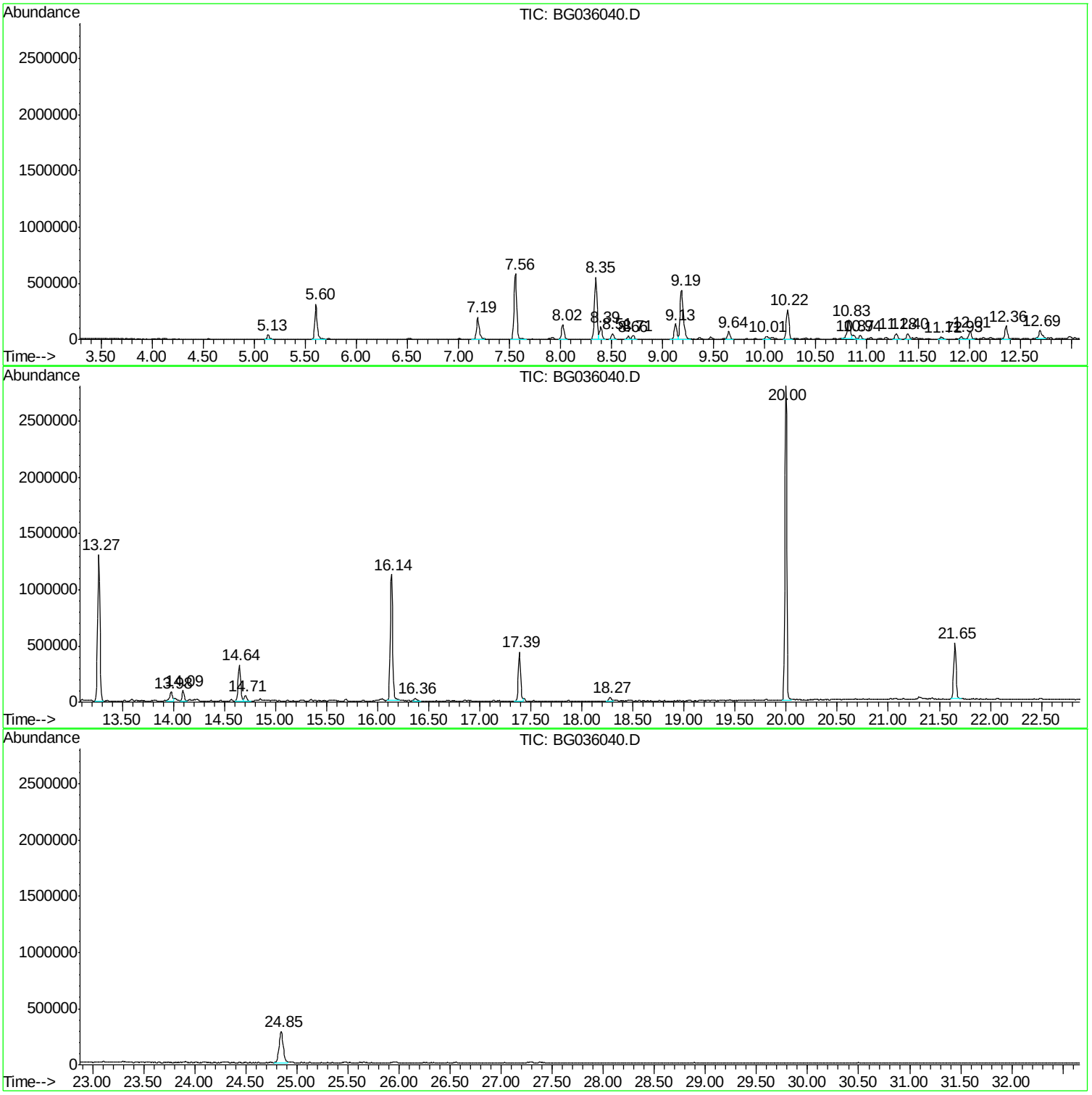
Sum of corrected areas: 17656234

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

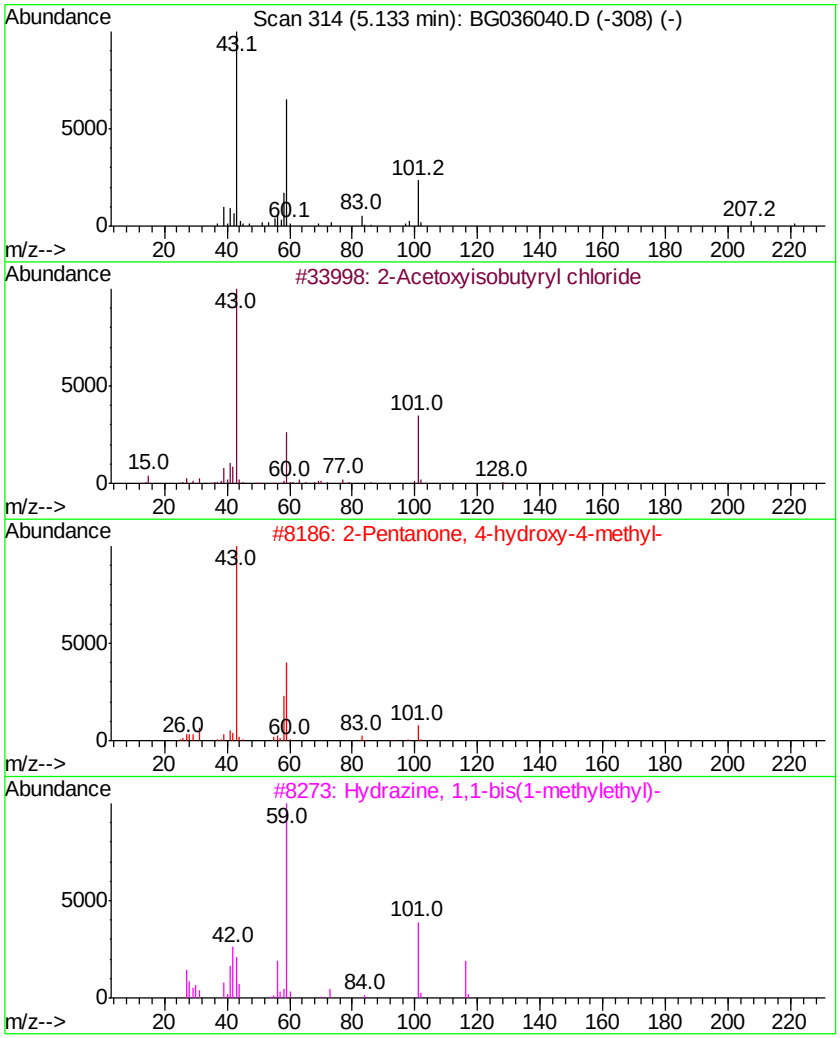
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

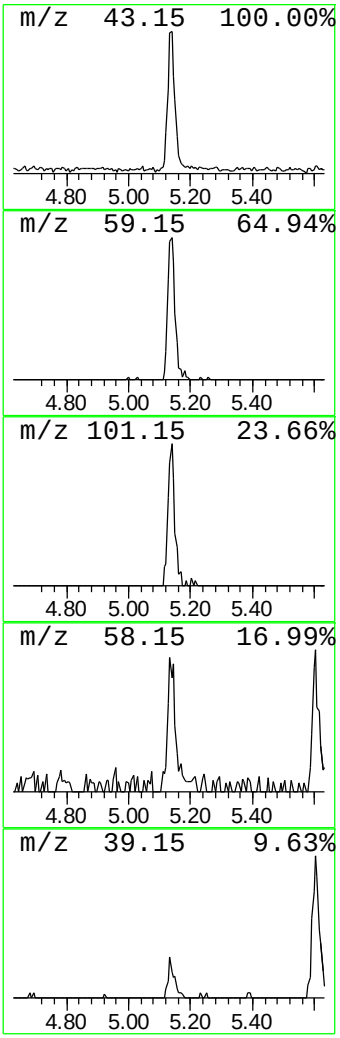
****

Peak Number 1 2-Acetoxyisobutyryl chloride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	5.78 ng	65412	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Acetoxyisobutyryl chloride	164	C6H9ClO3	040635-66-3	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	38
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	28
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

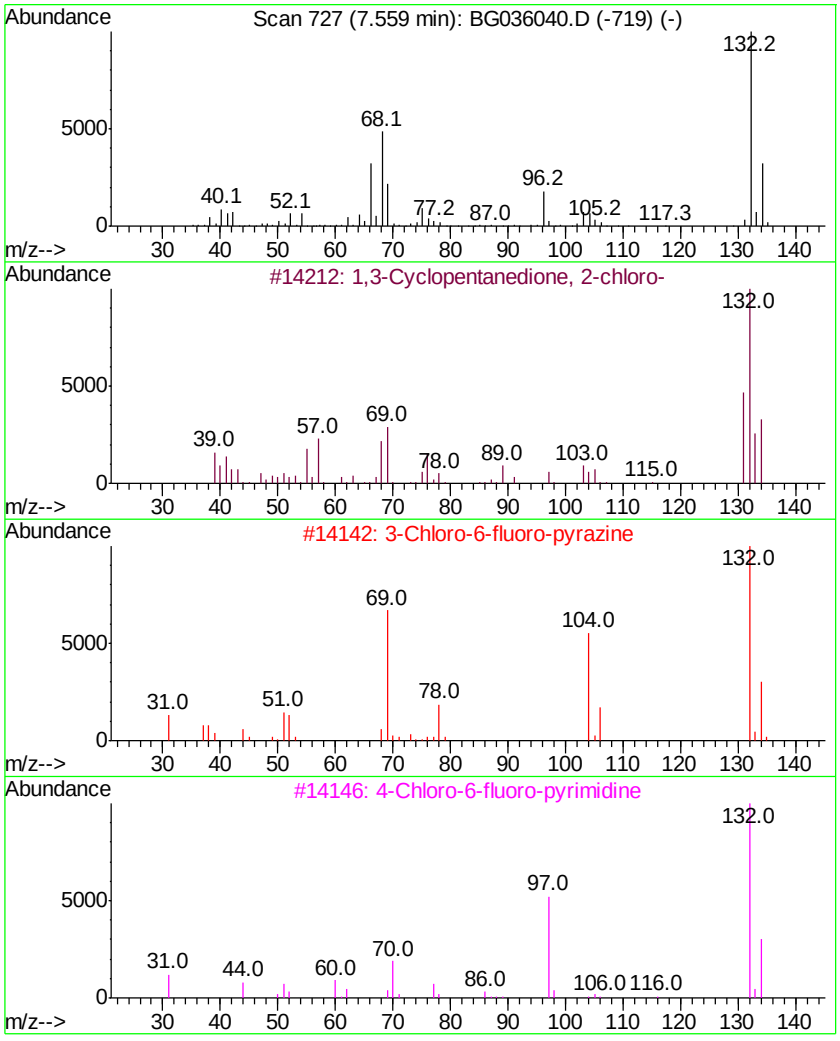
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

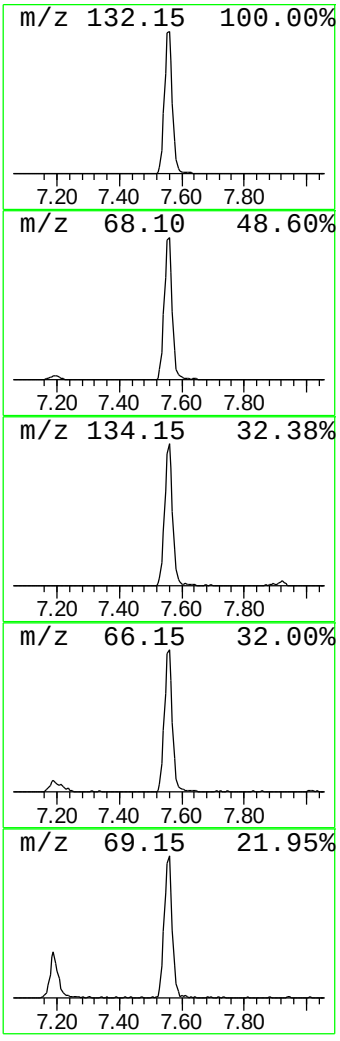
****

Peak Number 2 unknown7.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	92.37 ng	1045540	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

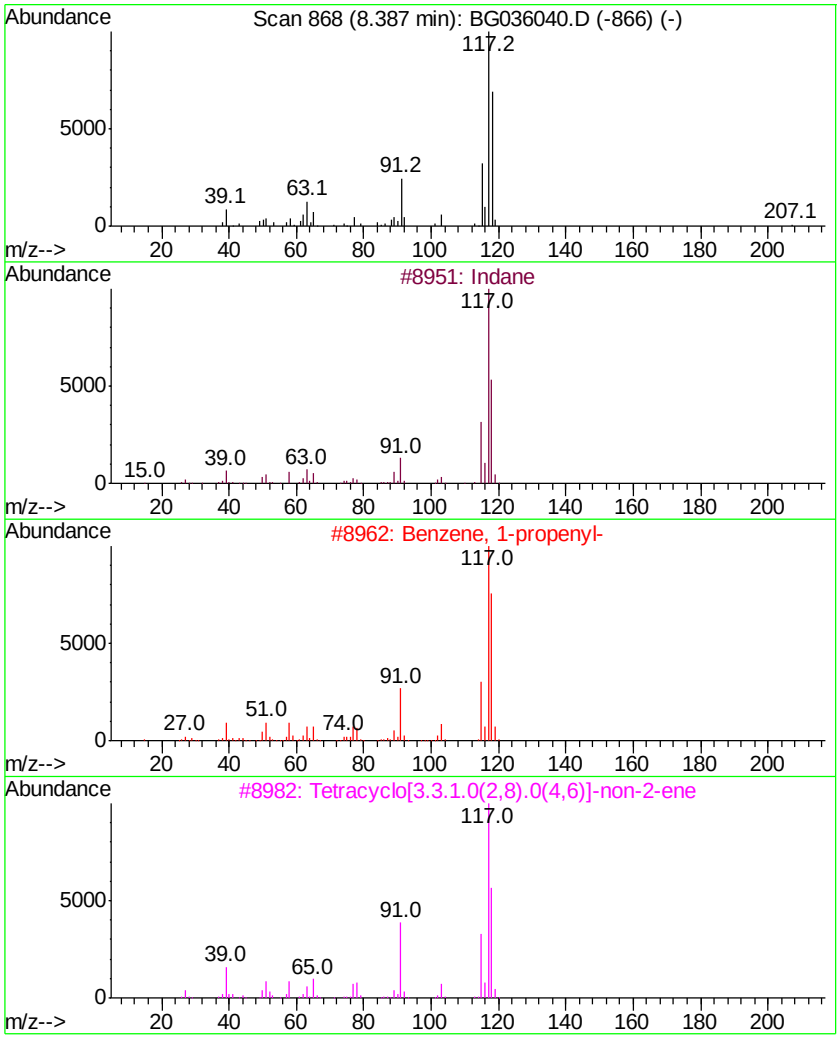
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

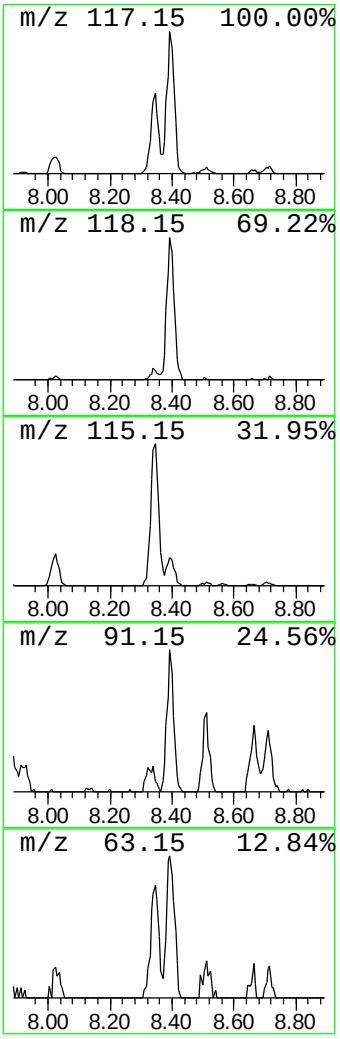
****

Peak Number 4 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.39	15.31 ng	173312	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	74
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	64
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

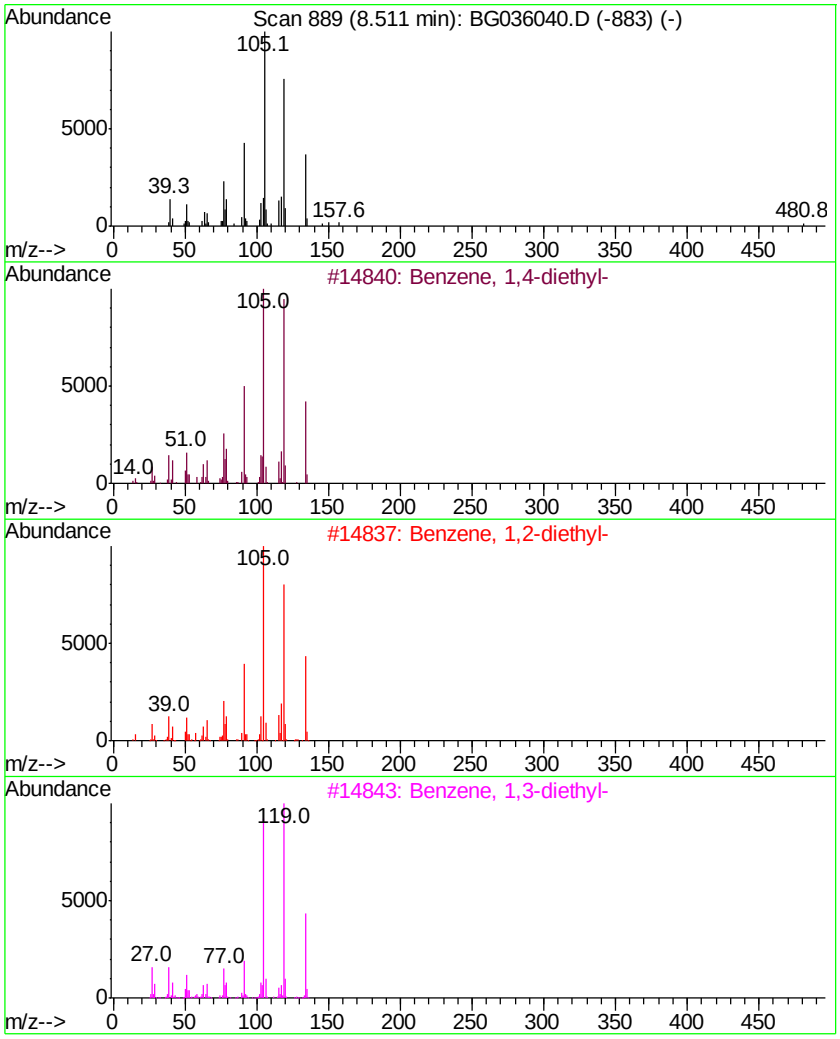
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

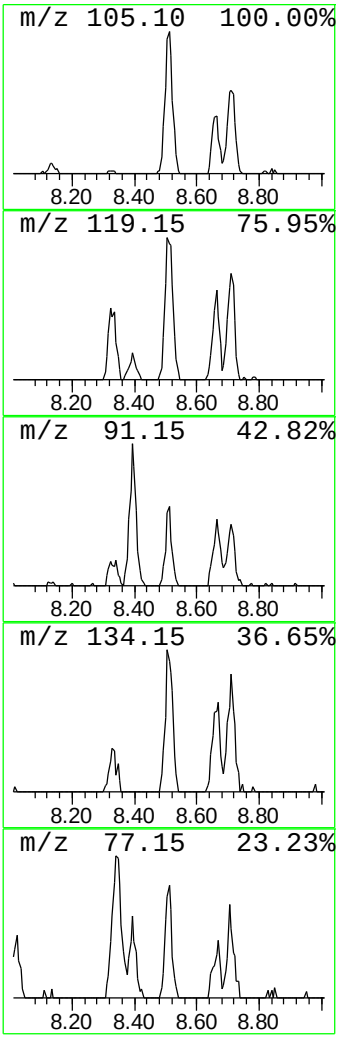
****

Peak Number 5 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	7.60 ng	86002	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	98
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	83
4	o-Cymene	134	C10H14	000527-84-4	74
5	p-Cymene	134	C10H14	000099-87-6	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

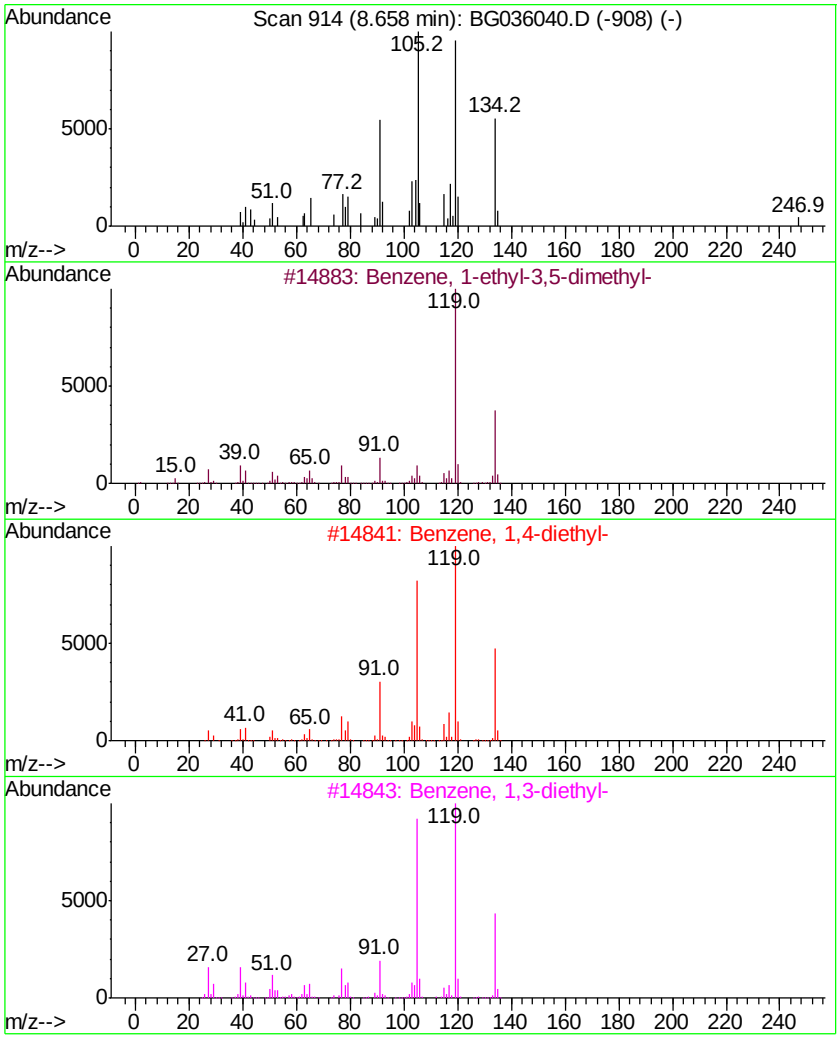
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

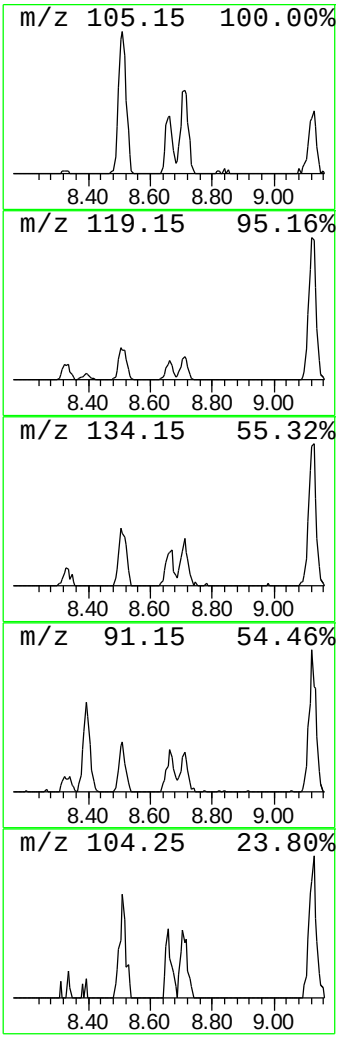
****

Peak Number 6 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	4.00 ng	45287	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	87
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	87
4	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	87
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

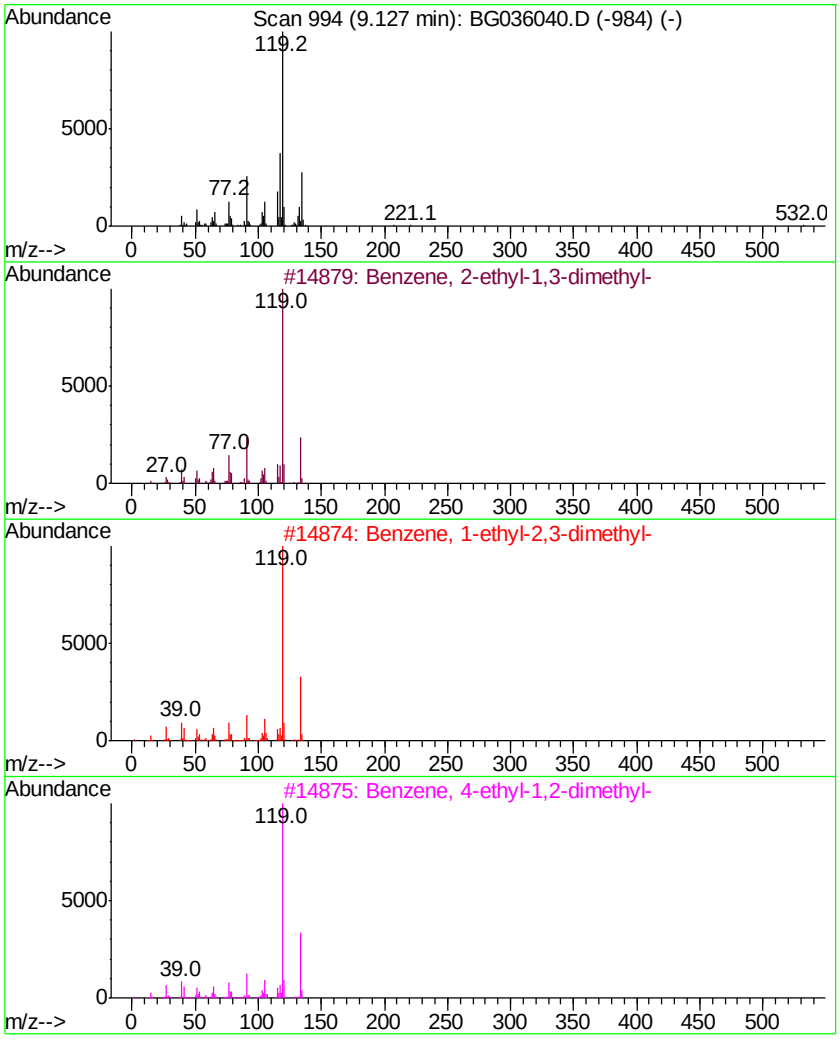
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

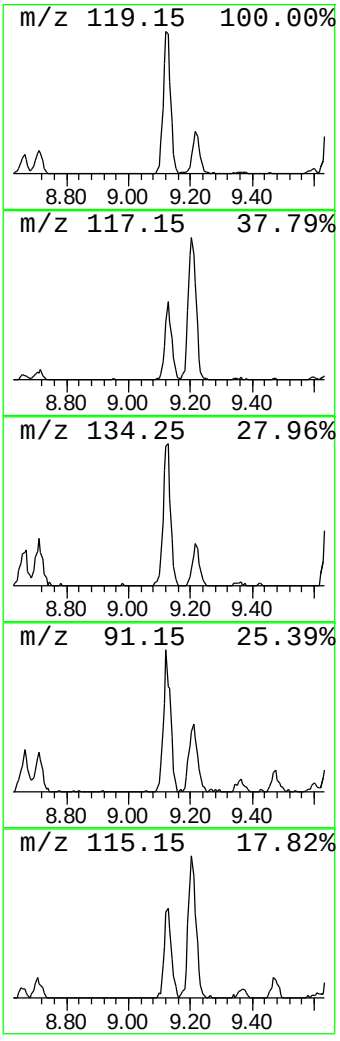
****

Peak Number 8 Benzene, 2-ethyl-1,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	21.85 ng	247326	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	81
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
5	o-Cymene	134	C10H14	000527-84-4	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

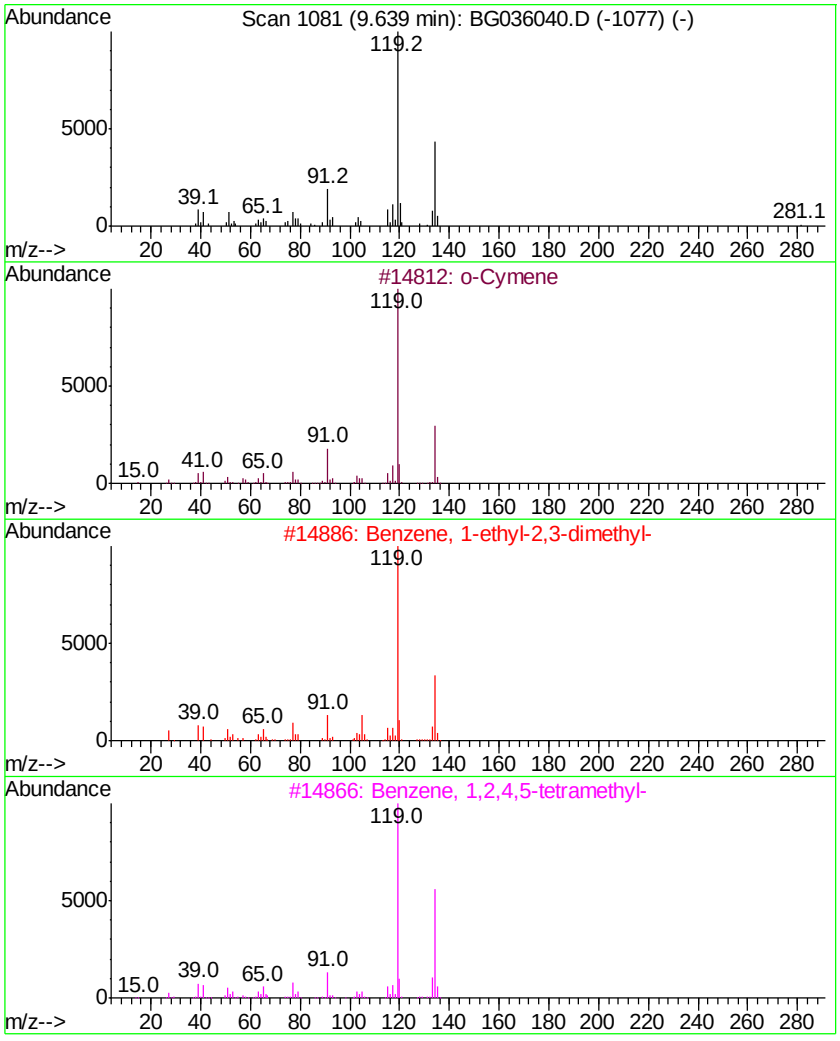
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

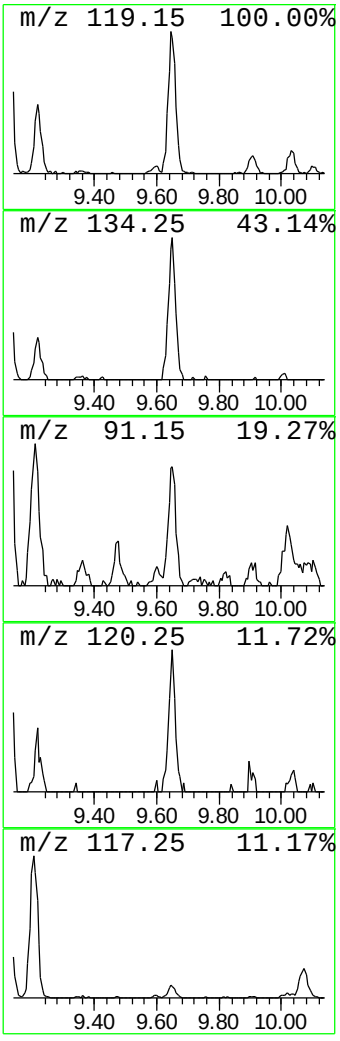
****

Peak Number 9 o-Cymene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	6.64 ng	121182	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	91
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

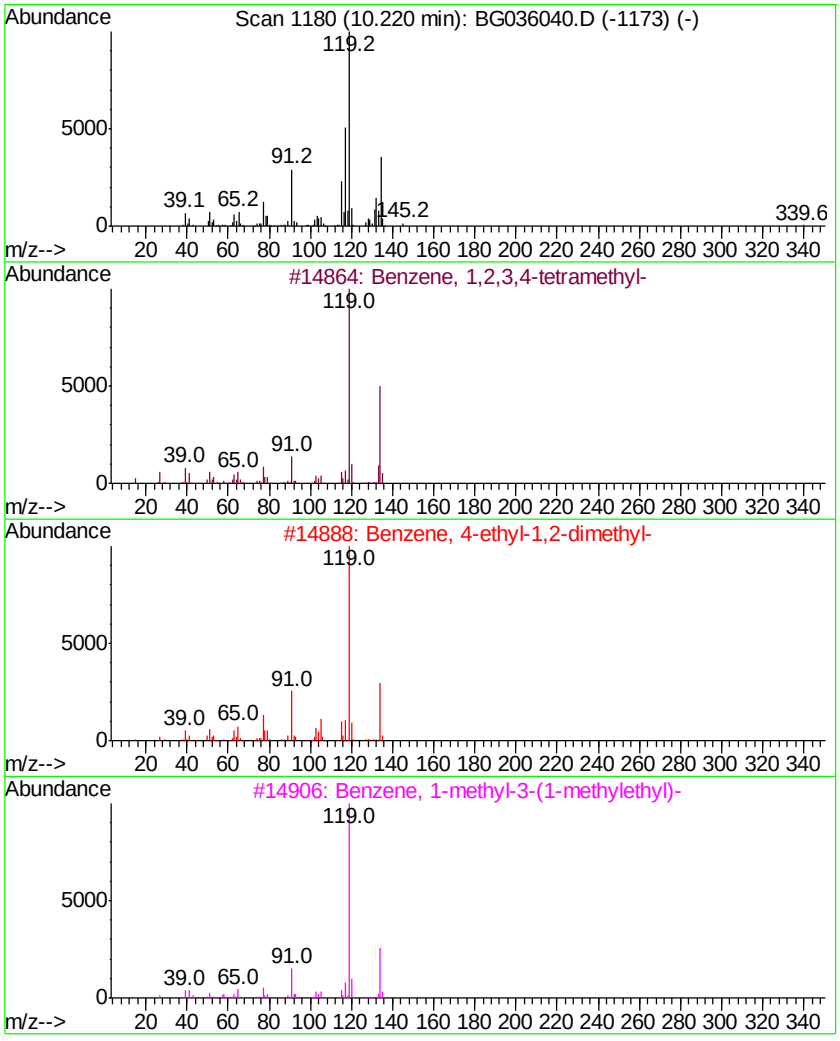
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

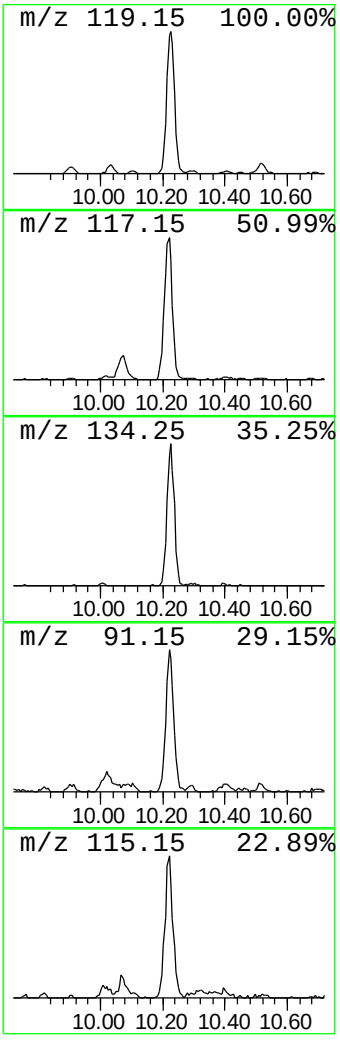
****

Peak Number 11 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	27.12 ng	494679	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	60
4	p-Cymene	134	C10H14	000099-87-6	60
5	o-Cymene	134	C10H14	000527-84-4	58





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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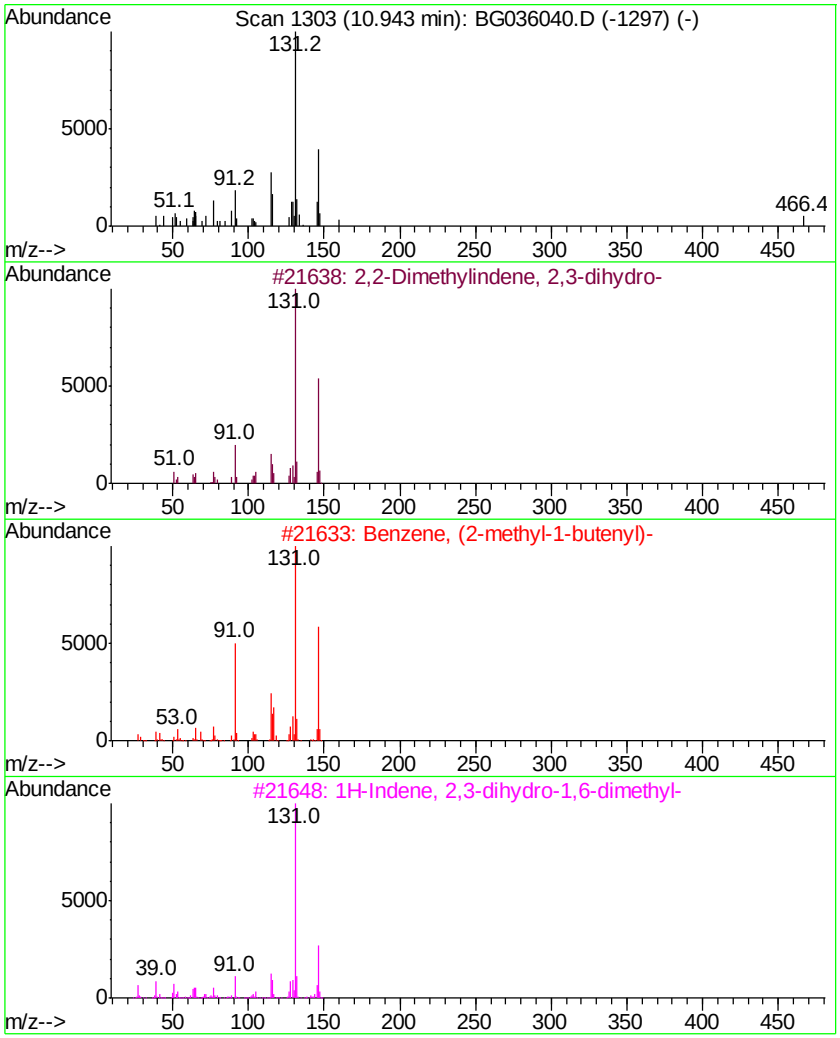
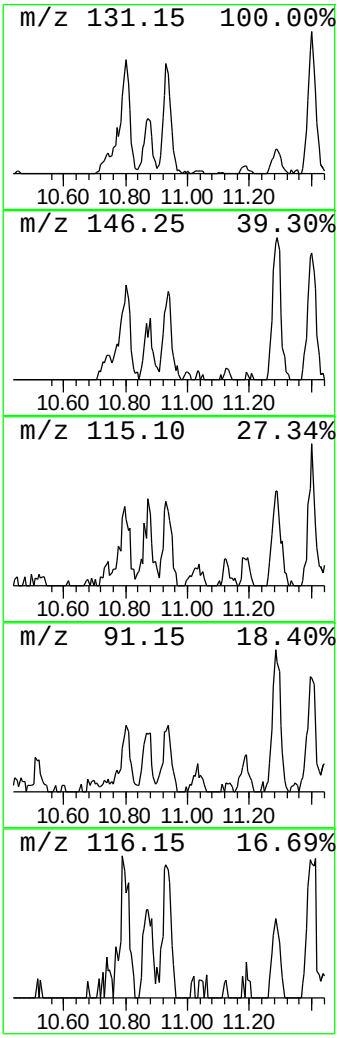
Peak Number 12 2,2-Dimethylindene, 2,3-dih... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	3.58 ng	65279	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
5	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	87





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Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

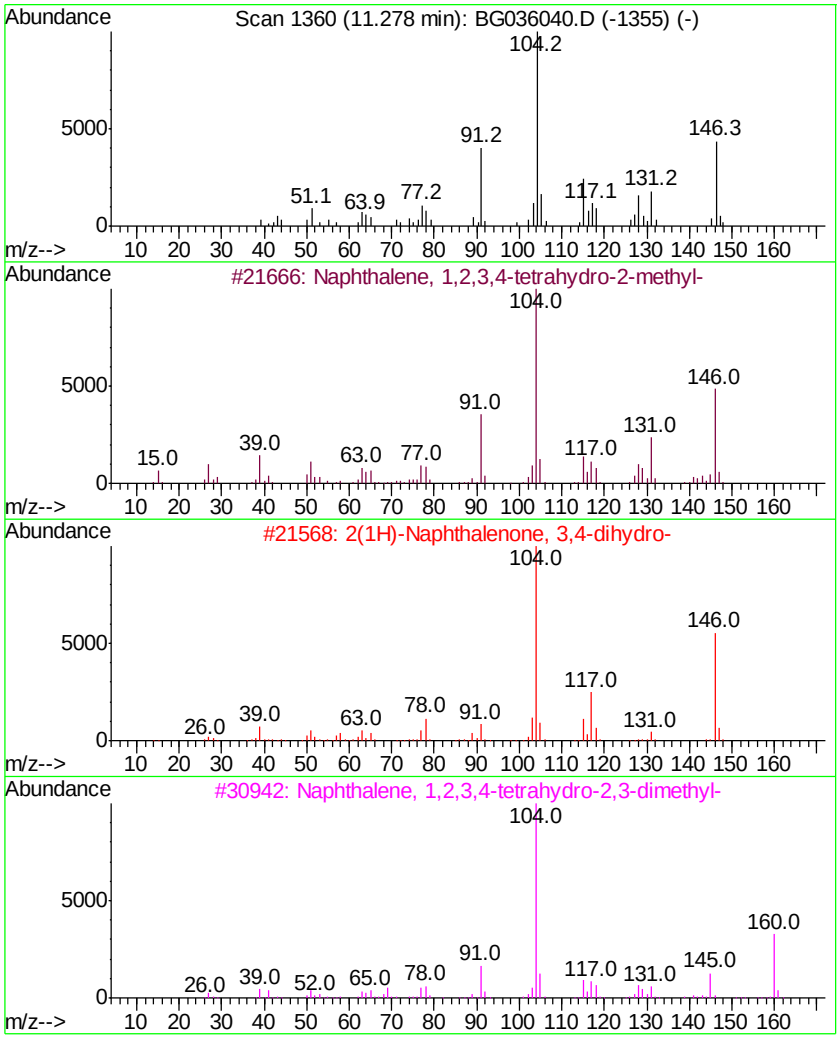
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

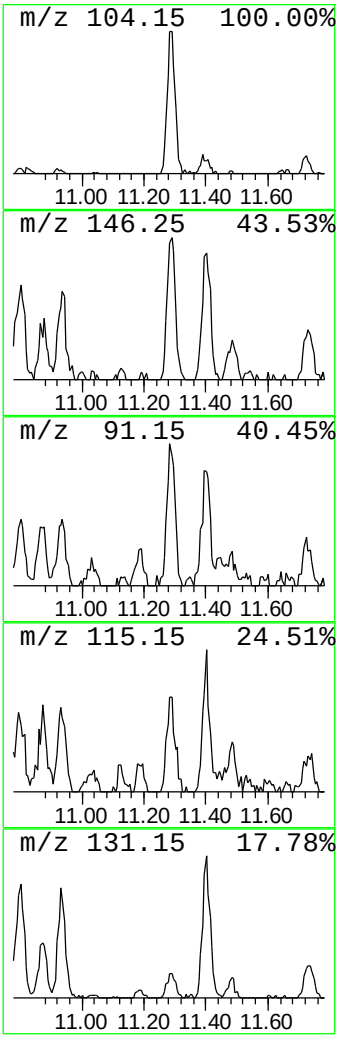
****

Peak Number 13 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	4.83 ng	88066	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	87
2	2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	43
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	42
4	cis-4-Benzyl-2,6-diphenyltetrahy...	328	C24H24O	055696-74-7	38
5	2-Methylbenzyl alcohol, trifluor...	218	C10H9F3O2	1000364-57-0	38





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Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

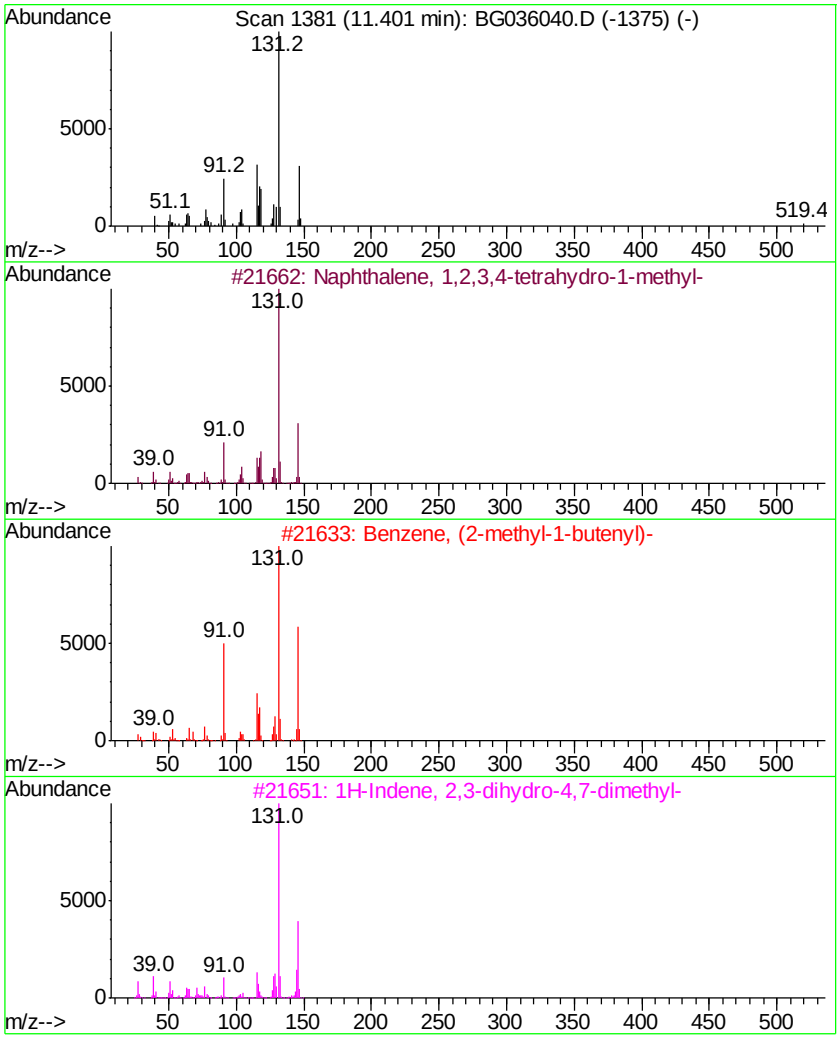
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

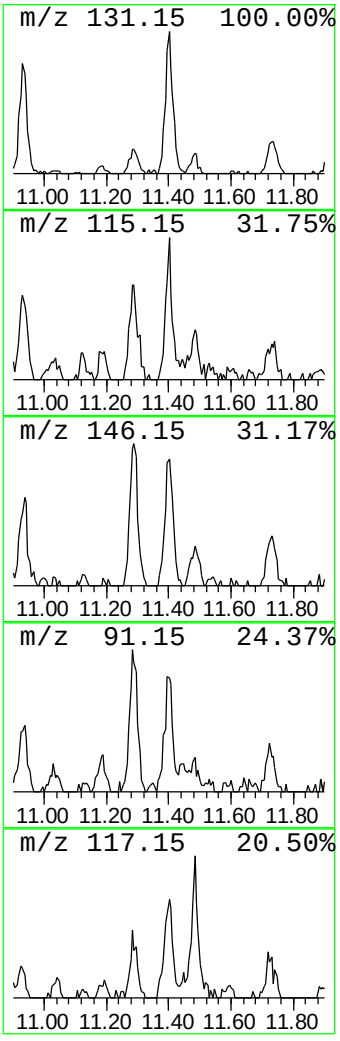
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.40	5.10 ng	93071	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	94
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	90
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	74
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	74





Library Search Compound Report

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Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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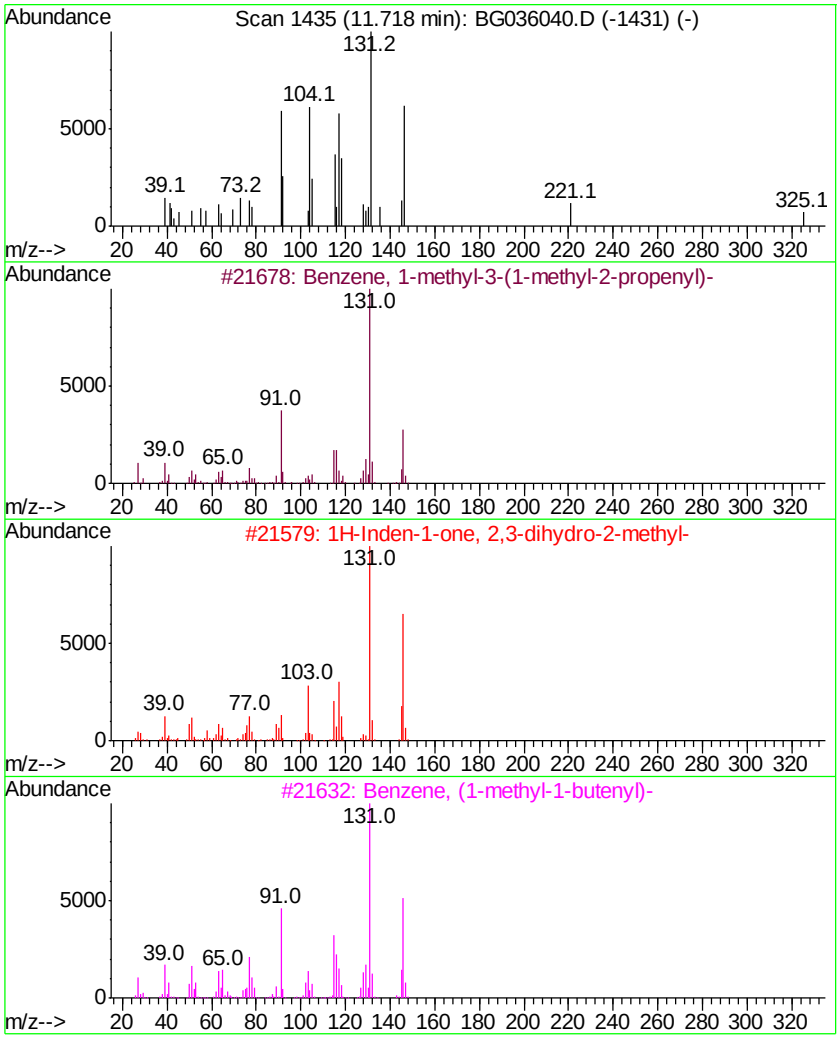
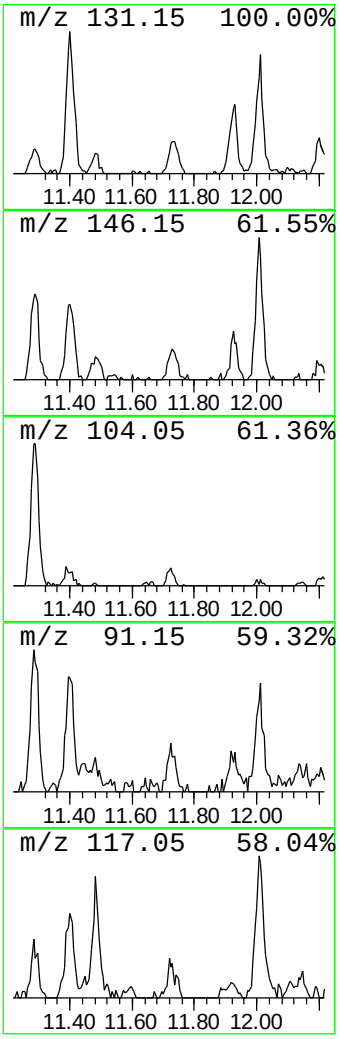
Peak Number 15 Benzene, 1-methyl-3-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	2.08 ng	37886	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	60
2	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	58
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	49
4	Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	49
5	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	49





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Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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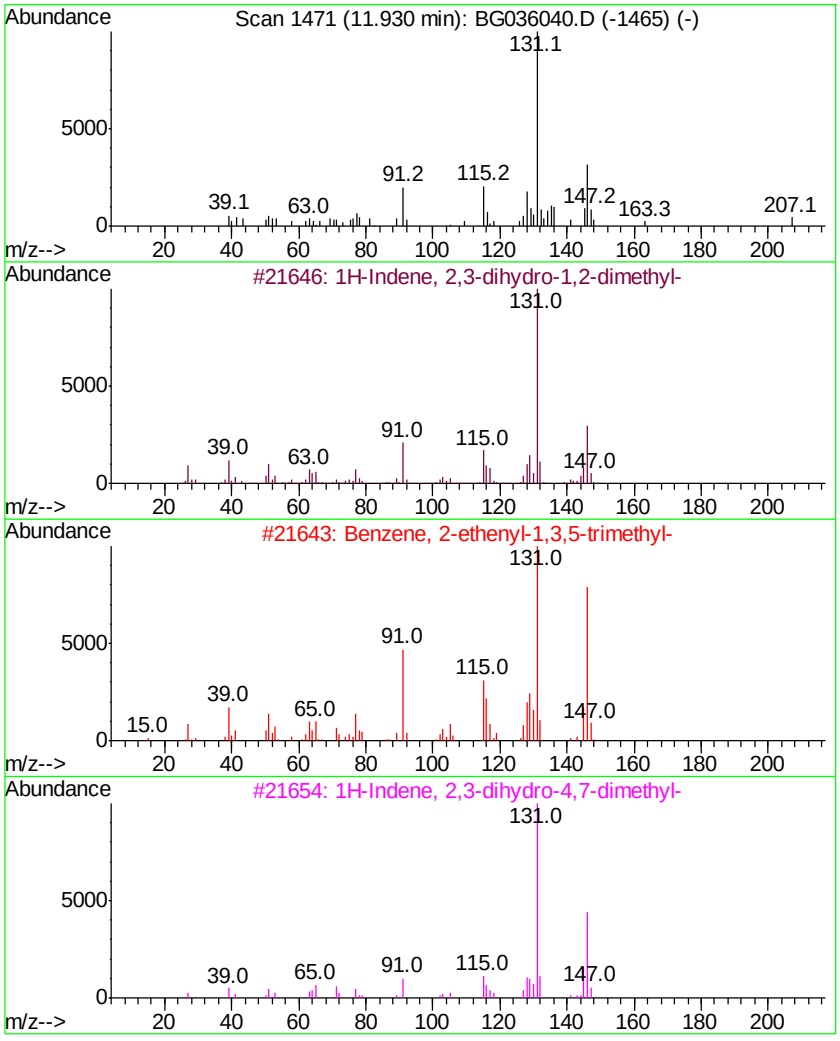
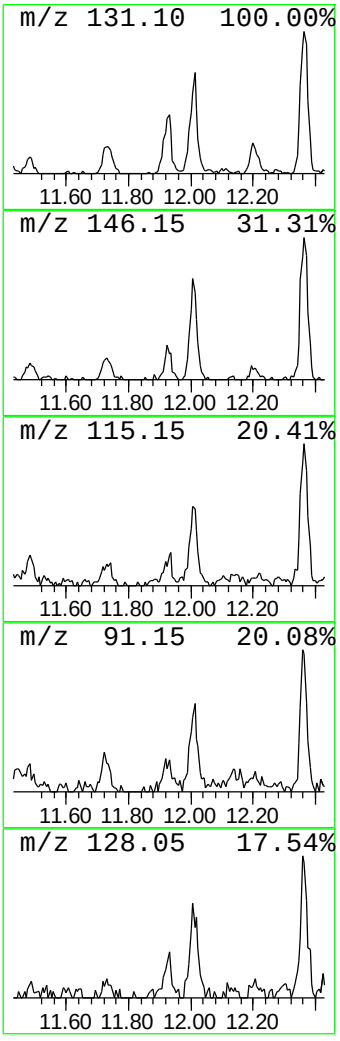
Peak Number 16 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	2.23 ng	40733	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	72
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	59
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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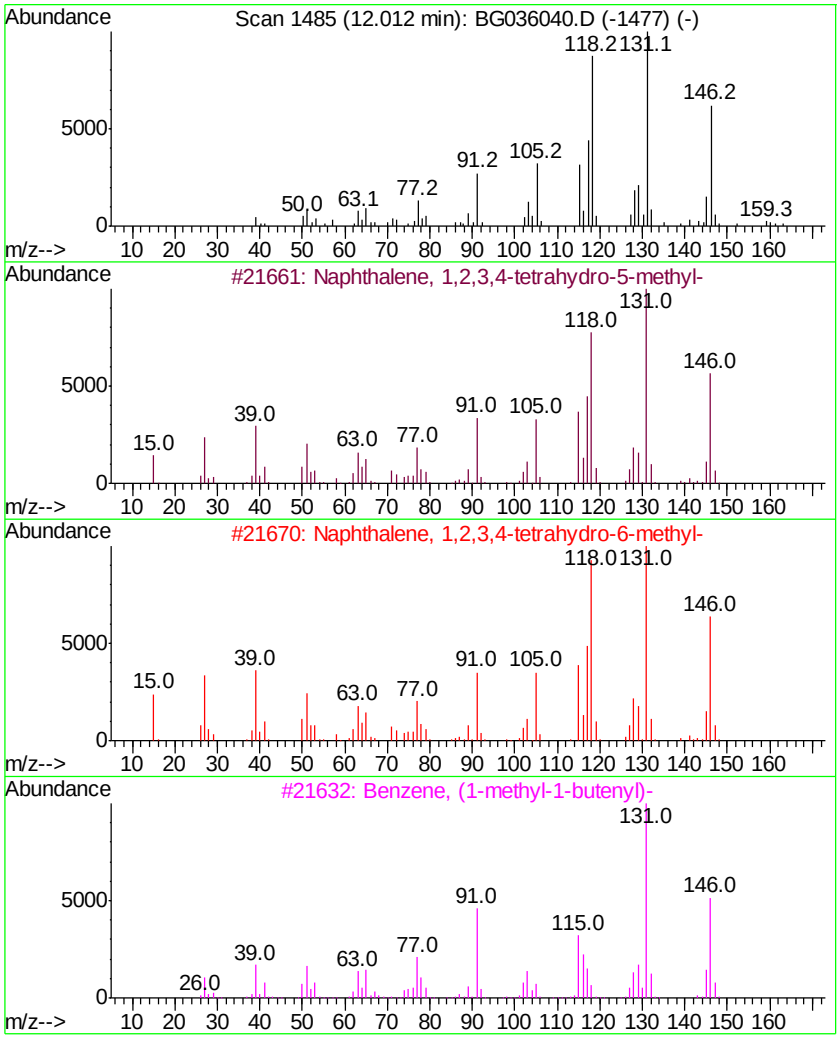
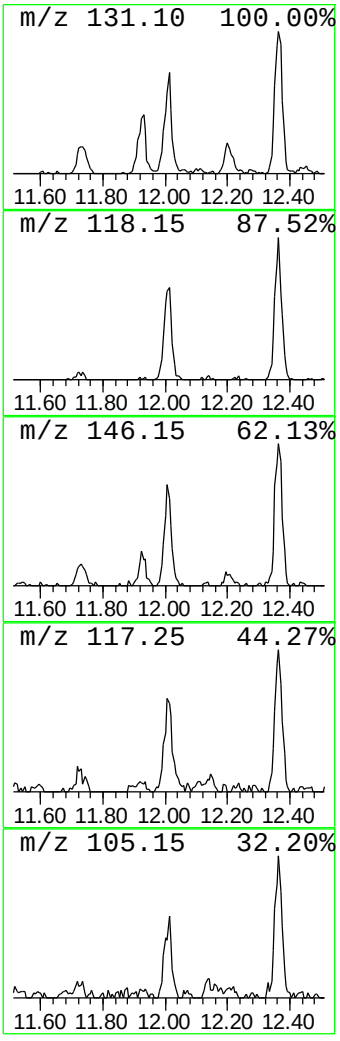
Peak Number 17 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	6.75 ng	123190	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	90
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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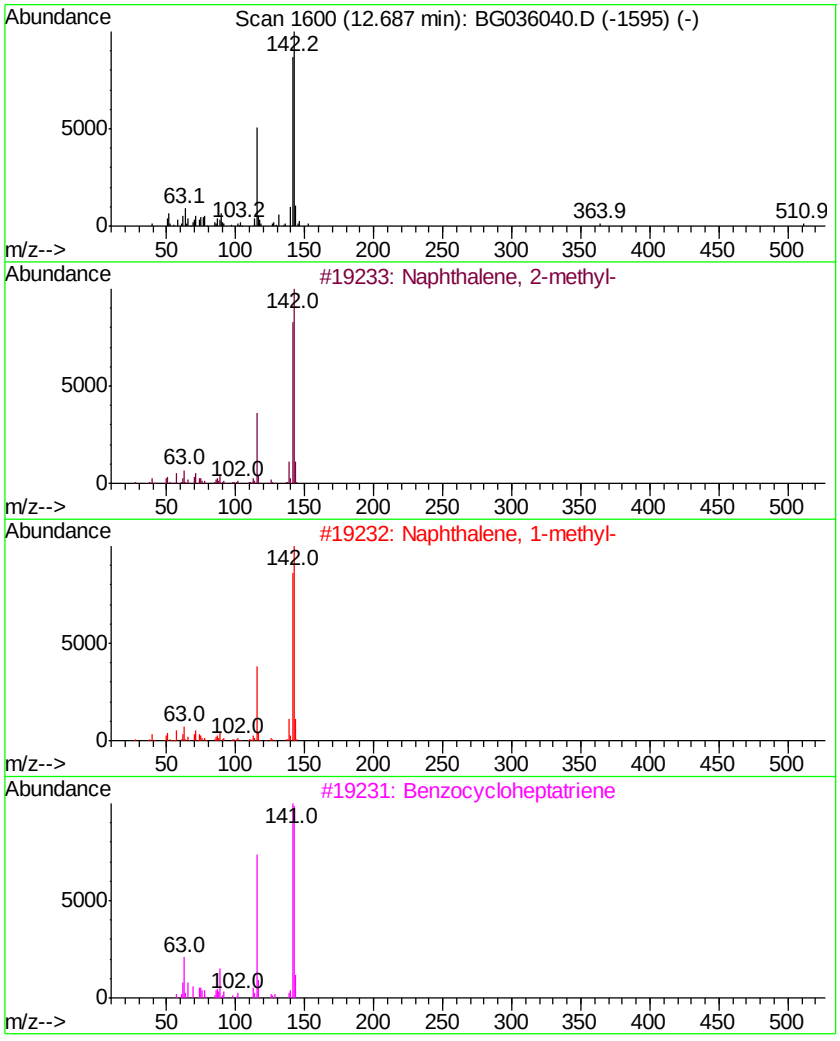
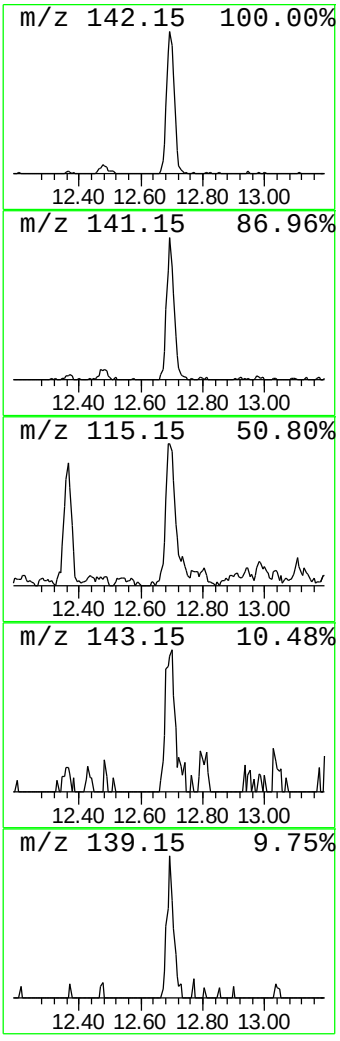
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	8.16 ng	148878	Naphthalene-d8	10.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
5	Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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

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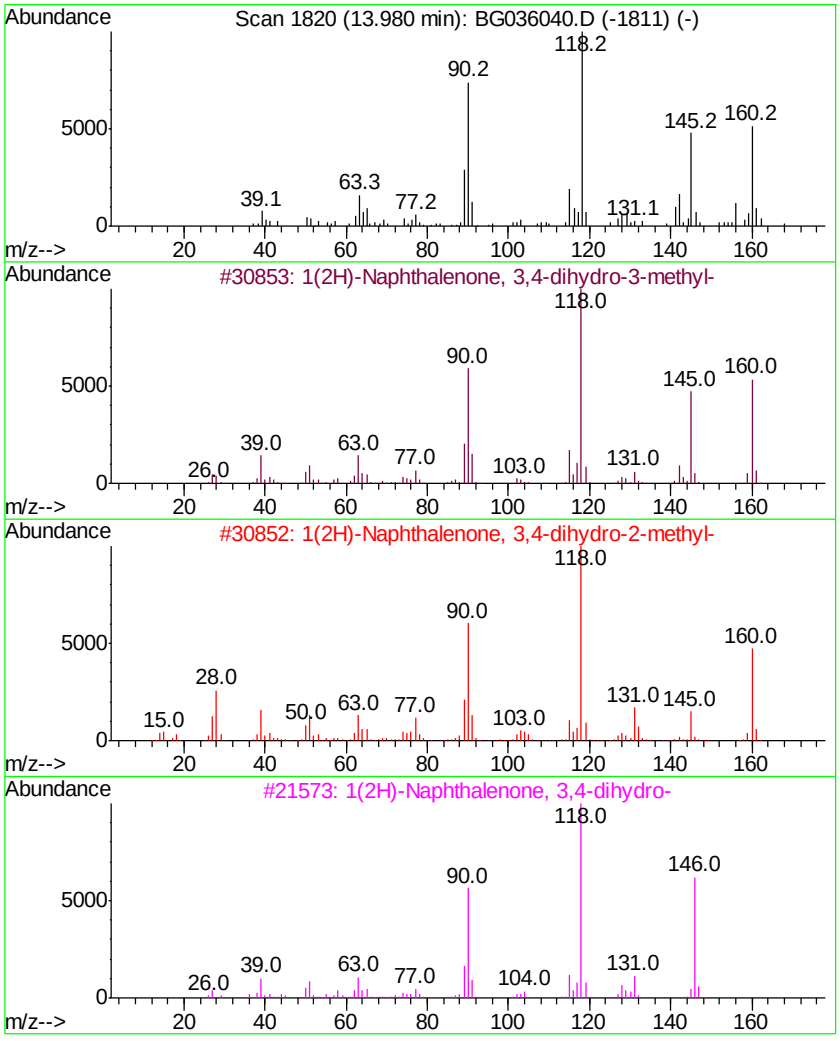
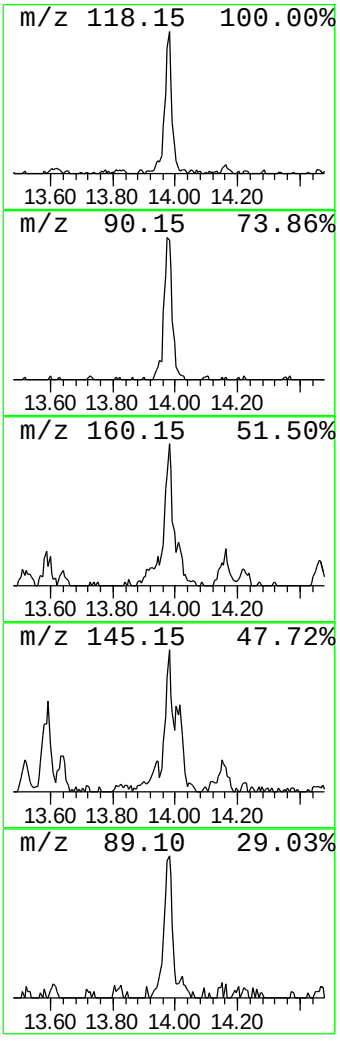
Peak Number 20 1(2H)-Naphthalenone, 3,4-di... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	5.55 ng	156457	Acenaphthene-d10	14.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	94
2	1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	001590-08-5	90
3	1(2H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000529-34-0	64
4	Homophthalimide	161	C9H7NO2	004456-77-3	64
5	1H-2-Benzothiopyran-4(3H)-one	164	C9H8OS	004426-76-0	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080118\
Data File : BG036040.D
Acq On : 1 Aug 2018 19:12
Operator : JU/SJ
Sample : J4256-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-A27

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-Acetoxyisobutyr...	5.13	5.8	ng	65412	1	8.02	226370	20.0
unknown7.56	7.56	92.4	ng	1045540	1	8.02	226370	20.0
Indane	8.39	15.3	ng	173312	1	8.02	226370	20.0
Benzene, 1,4-diet...	8.51	7.6	ng	86002	1	8.02	226370	20.0
Benzene, 1-ethyl-...	8.66	4.0	ng	45287	1	8.02	226370	20.0
Benzene, 2-ethyl-...	9.13	21.9	ng	247326	1	8.02	226370	20.0
o-Cymene	9.64	6.6	ng	121182	2	10.83	364756	20.0
Benzene, 1,2,3,4-...	10.22	27.1	ng	494679	2	10.83	364756	20.0
2,2-Dimethylinden...	10.94	3.6	ng	65279	2	10.83	364756	20.0
Naphthalene, 1,2,...	11.28	4.8	ng	88066	2	10.83	364756	20.0
Naphthalene, 1,2,...	11.40	5.1	ng	93071	2	10.83	364756	20.0
Benzene, 1-methyl...	11.72	2.1	ng	37886	2	10.83	364756	20.0
1H-Indene, 2,3-di...	11.93	2.2	ng	40733	2	10.83	364756	20.0
Naphthalene, 1,2,...	12.01	6.8	ng	123190	2	10.83	364756	20.0
Naphthalene, 1-me...	12.69	8.2	ng	148878	2	10.83	364756	20.0
1(2H)-Naphthaleno...	13.98	5.5	ng	156457	3	14.64	563610	20.0