LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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-BG030419.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	3.196	12	18	26	rBV	151449	267353	16.20%	2.541%
2	3.266	26	30	39	rVV	252192	352456	21.36%	3.350%
3	3.496	63	69	72	rBV5	11502	23958	1.45%	0.228%
4	3.637	89	93	100	rVB2	10902	18166	1.10%	0.173%
5	4.065	159	166	170	rBV	26096	42344	2.57%	0.403%
6	4.106	170	173	183	rVB8	8998	19926	1.21%	0.189%
7	4.330	207	211	221	rVB3	26836	46617	2.83%	0.443%
8	4.782	279	288	293	rBV2	16436	27365	1.66%	0.260%
9	5.223	357	363	373	rVB	48957	79536	4.82%	0.756%
10	5.687	433	442	448	rBV	93772	164291	9.96%	1.562%
11	5.775	448	457	470	rVB	140262	329621	19.98%	3.133%
12	7.285	706	714	719	rBV2	95882	184553	11.18%	1.754%
13	7.343	719	724	734	rVB	83632	139735	8.47%	1.328%
14	7.514	747	753	759	rVB	51544	84384	5.11%	0.802%
15	7.666	772	779	787	rBV	221507	385892	23.39%	3.668%
16	8.136	853	859	869	rBV	123276	214884	13.02%	2.043%
17	8.242	872	877	886	rVB	17739	30900	1.87%	0.294%
18	8.465	903	915	919	rBV	216294	407260	24.68%	3.871%
19	8.506	919	922	931	rVB	186991	301842	18.29%	2.869%
20	8.612	931	940	946	rBV	58042	89466	5.42%	0.850%
21	8.765	959	966	971	rBV2	19970	34970	2.12%	0.332%
22	8.812	971	974	981	rVB	12979	18962	1.15%	0.180%
23	8.929	986	994	1000	rBV	19670	32459	1.97%	0.309%
24	9.235	1039	1046	1052	rVB2	110344	190611	11.55%	1.812%
25	9.317	1052	1060	1071	rVB2	269870	477985	28.97%	4.544%
26	9.758	1129	1135	1141	rBV	82482	134506	8.15%	1.279%
27	10.016	1172	1179	1185	rBV4	8974	17731	1.07%	0.169%
28	10.192	1203	1209	1218	rVB	62232	111274	6.74%	1.058%
29	10.339	1228	1234	1242	rVB	130407	220270	13.35%	2.094%
30	10.962	1325	1340	1346	rBV	177193	355476	21.54%	3.379%
31	11.567	1437	1443	1457	rVB2	36005	77265	4.68%	0.734%
32	12.601	1614	1619	1625	rVB	18726	29229	1.77%	0.278%
33	12.818	1648	1656	1666	rBV	31561	52395	3.18%	0.498%
34	13.388	1745	1753	1760	rBV	609635	943052	57.15%	8.965%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

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-BG030419.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.763	1980	1987	1996	rBV2	313629	527040	31.94%	5.010%
36	16.255	2235	2241	2255	rBV3	32497	74609	4.52%	0.709%
37	17.512	2448	2455	2467	rBV	466424	715129	43.34%	6.798%
38	20.102	2890	2896	2902	rBV	1304610	1650134	100.00%	15.686%
39	21.794	3177	3184	3196	rVB	468030	790921	47.93%	7.519%
40	23.269	3431	3435	3443	rVB3	13487	24552	1.49%	0.233%
41	24.103	3569	3577	3583	rBV4	16143	35981	2.18%	0.342%
42	25.084	3738	3744	3746	rBV5	13374	24343	1.48%	0.231%
43	25.154	3746	3756	3769	rVB3	238174	729723	44.22%	6.937%
44	26.253	3934	3943	3952	rVB5	14098	40354	2.45%	0.384%

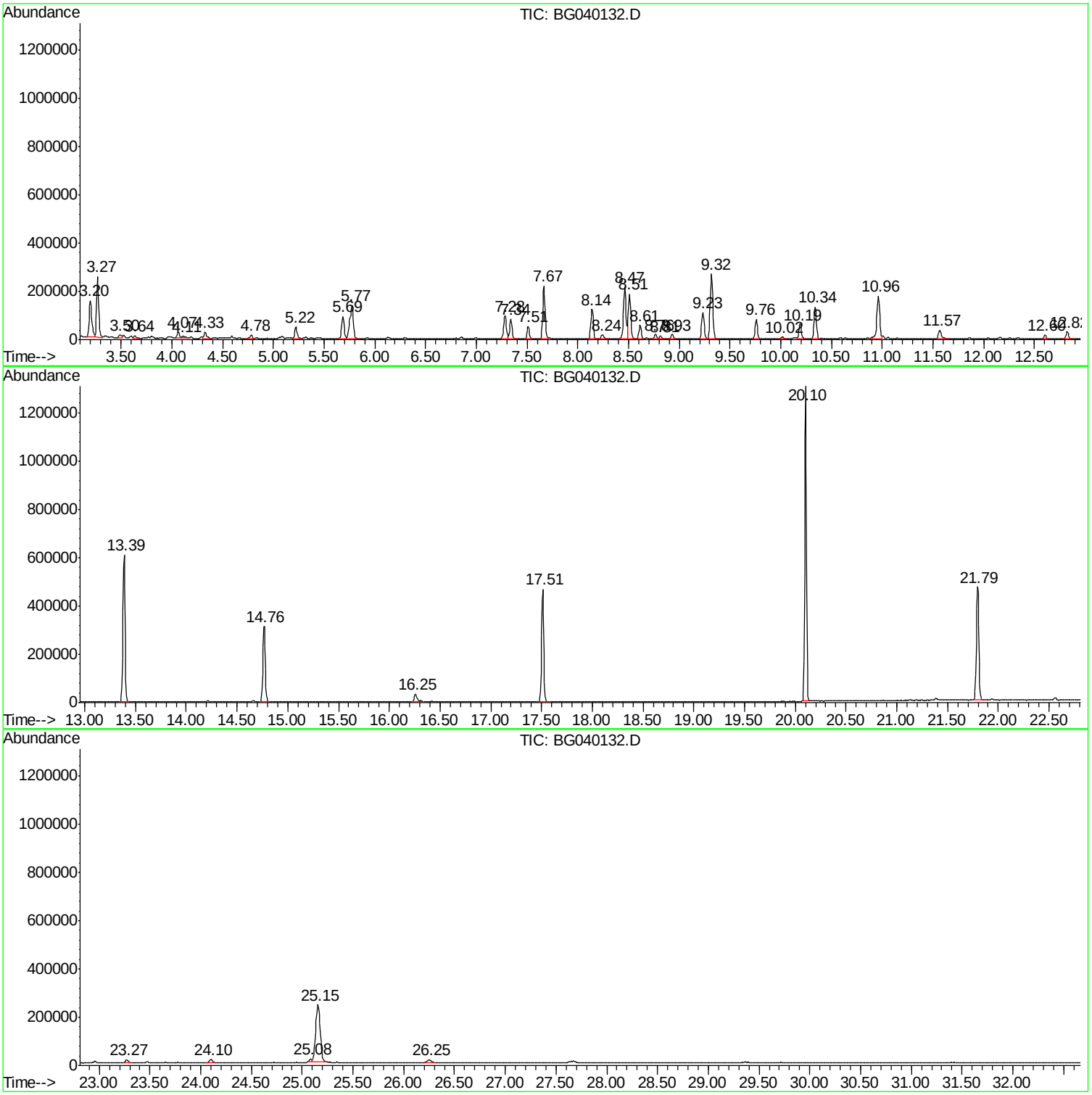
Sum of corrected areas: 10519520

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

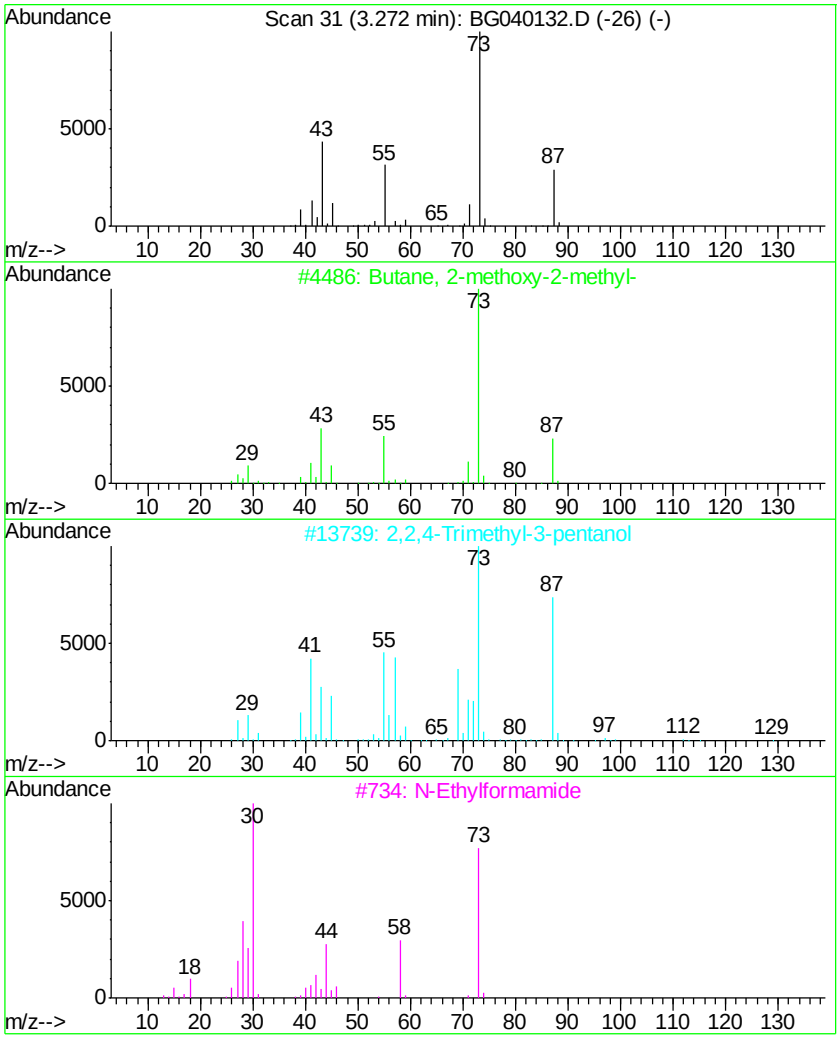
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

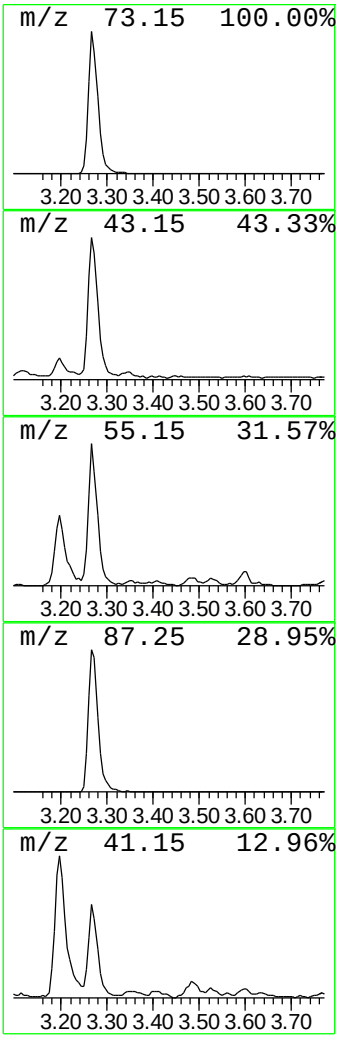
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.27	32.80 ng	352456	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

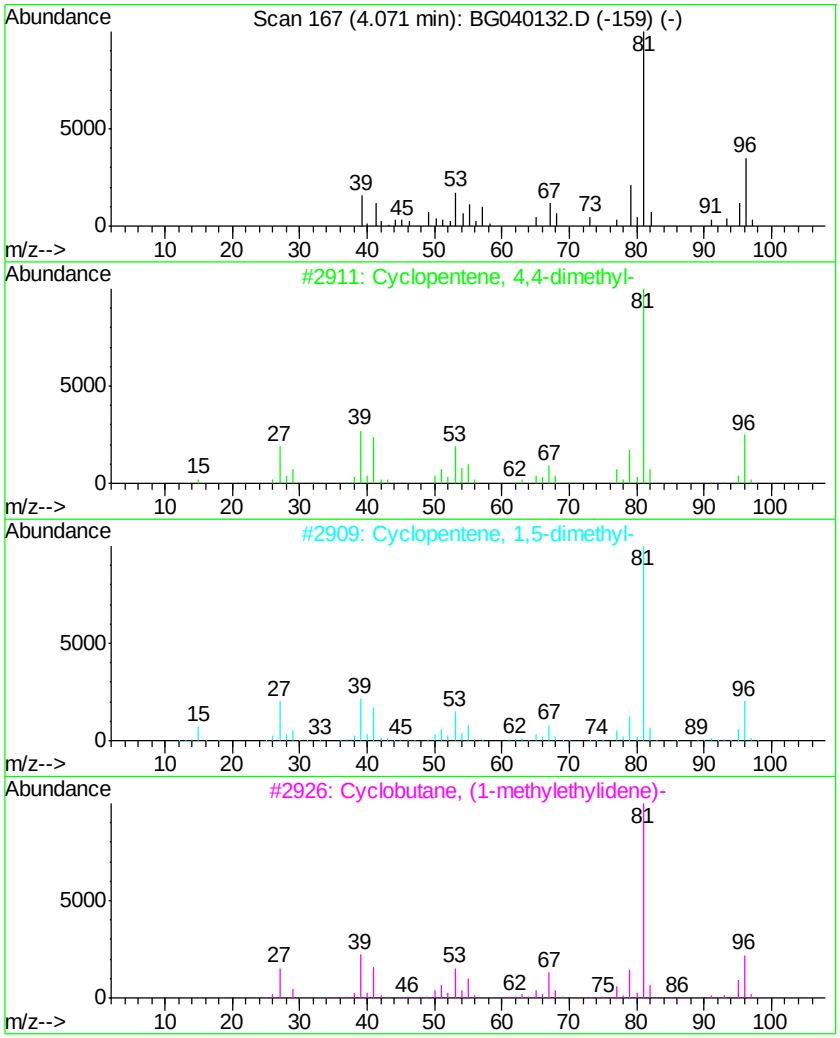
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

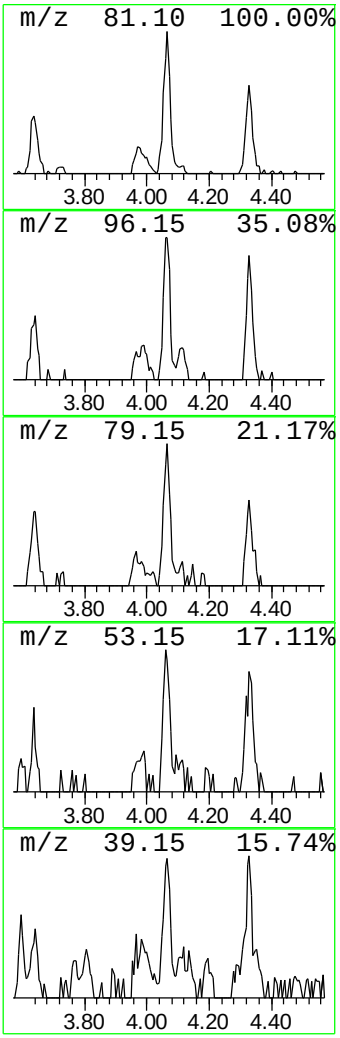
****

Peak Number 3 Cyclopentene, 4,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.07	3.94 ng	42344	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 4,4-dimethyl-	96	C7H12	019037-72-0	80
2	Cyclopentene, 1,5-dimethyl-	96	C7H12	016491-15-9	72
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	72
4	3,5-Dimethylcyclopentene	96	C7H12	007459-71-4	72
5	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

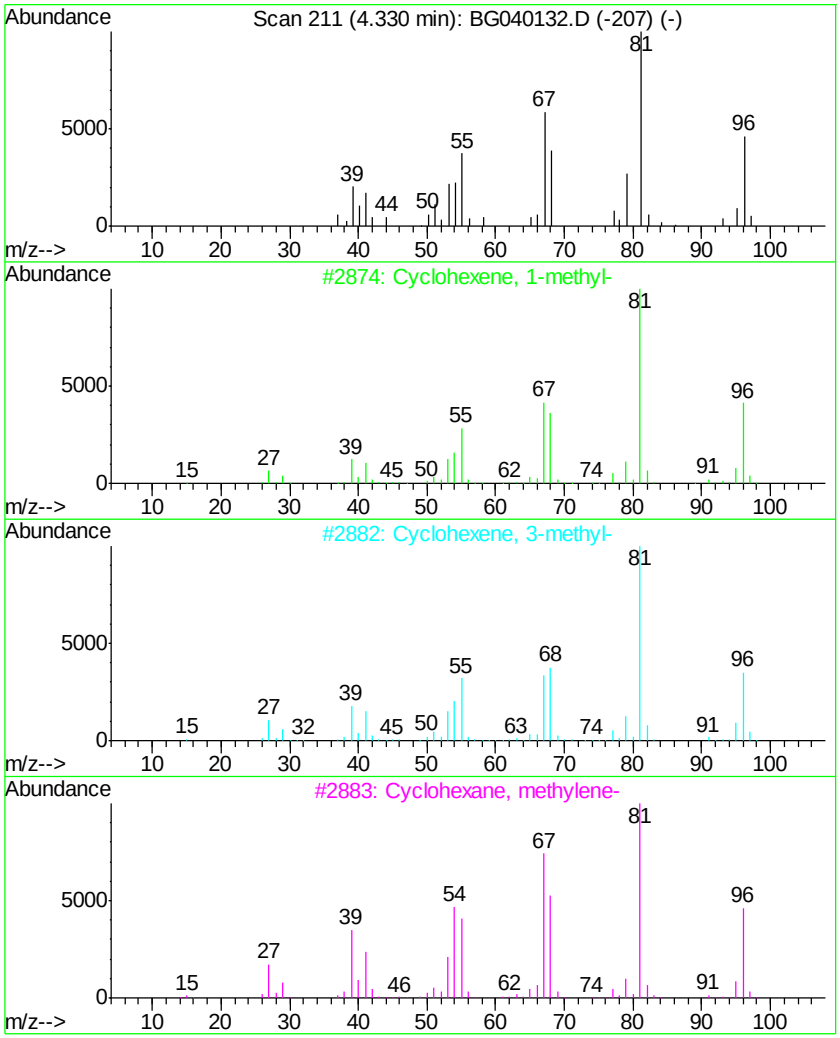
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

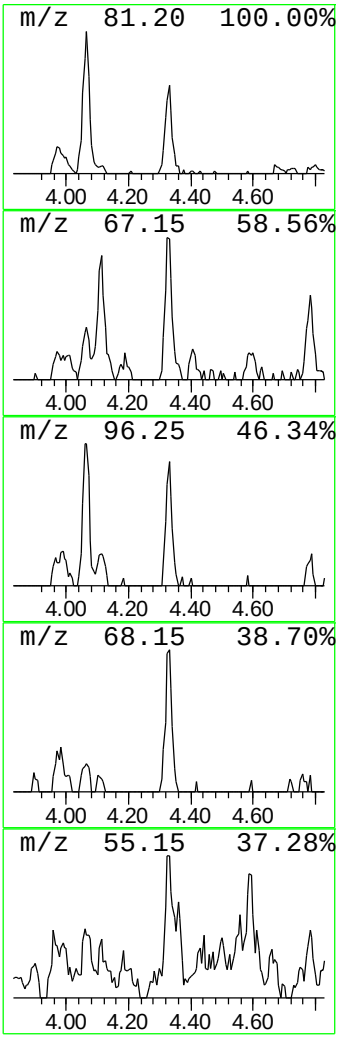
****

Peak Number 4 Cyclohexene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.33	4.34 ng	46617	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1-methyl-	96	C7H12	000591-49-1	94
2	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	90
3	Cyclohexane, methylene-	96	C7H12	001192-37-6	87
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	64
5	Norbornane	96	C7H12	000279-23-2	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

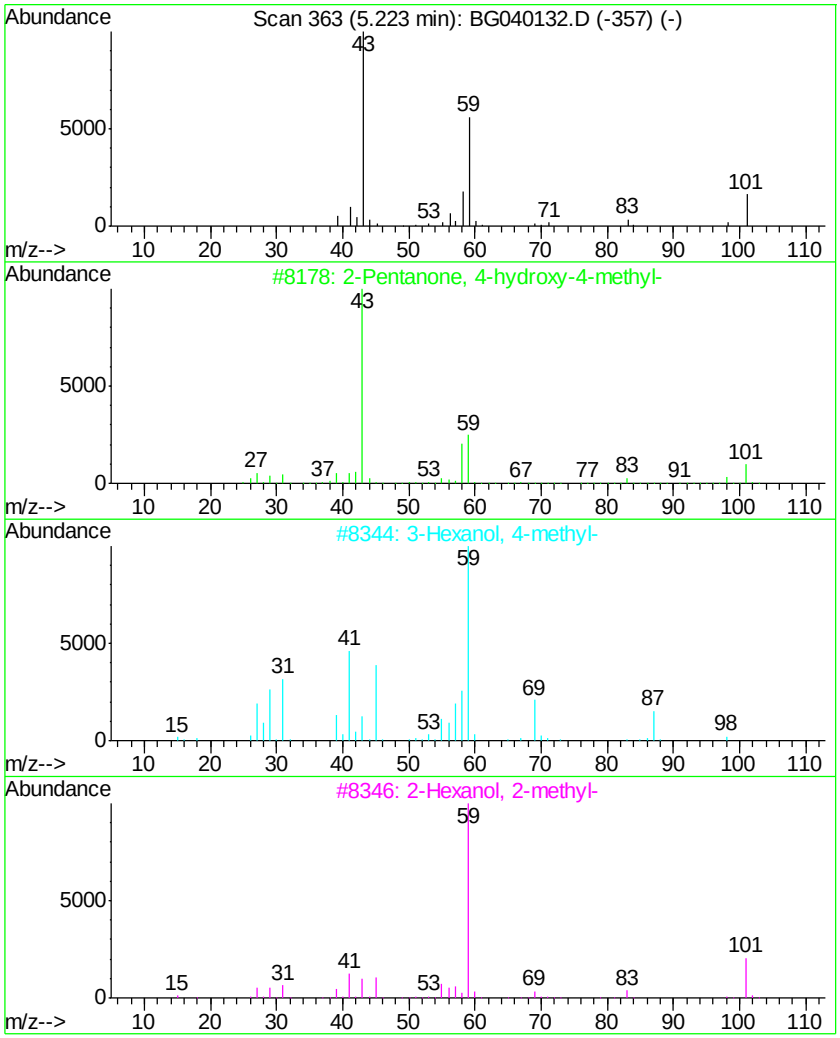
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

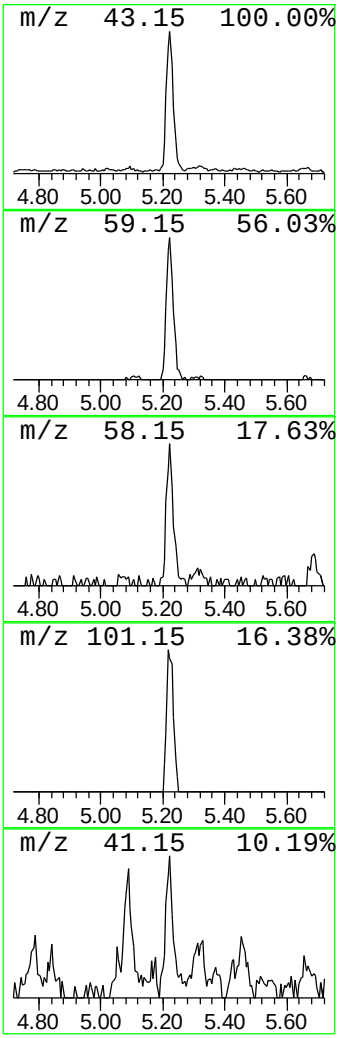
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	7.40 ng	79536	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

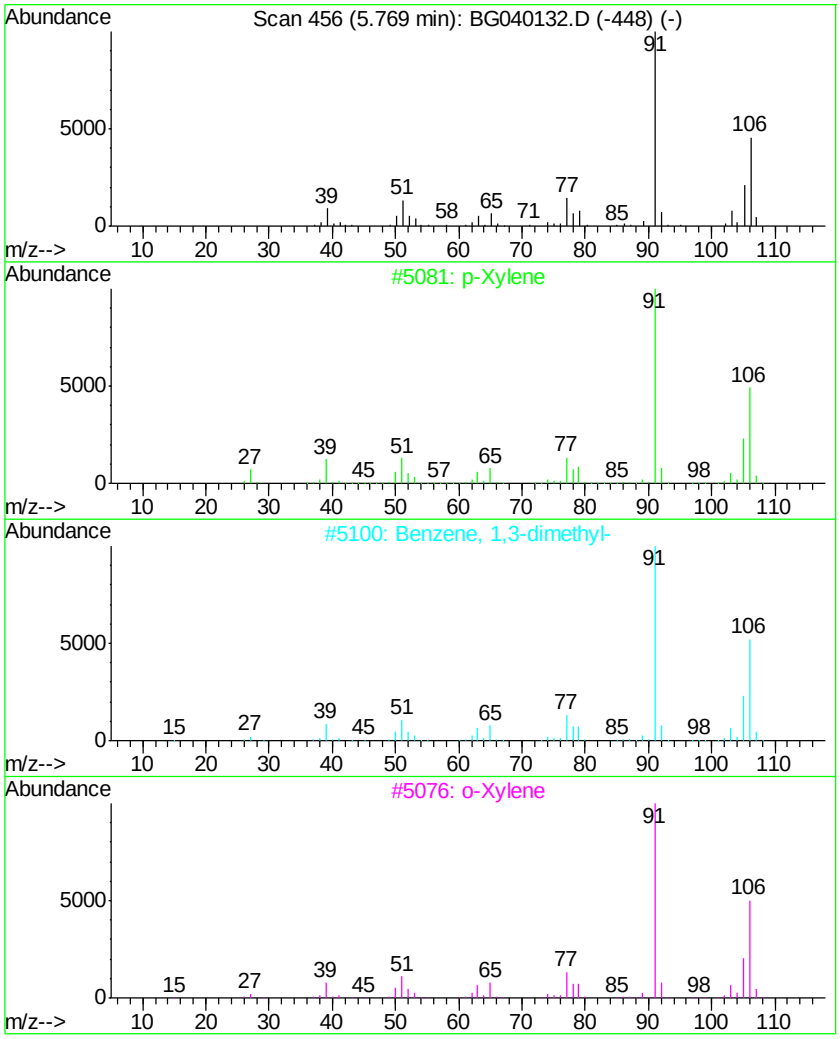
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

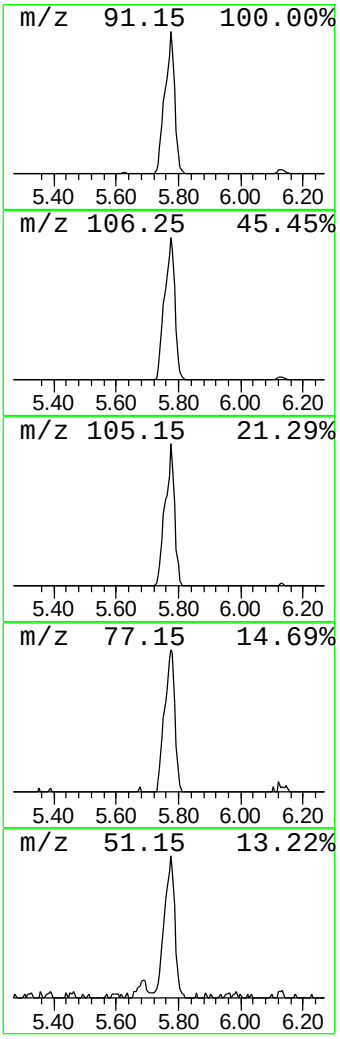
****

Peak Number 6 1,3-Cyclopentadiene, 5-(1-m... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	30.68 ng	329621	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Ethylbenzene	106	C8H10	000100-41-4	83
5	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	80





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

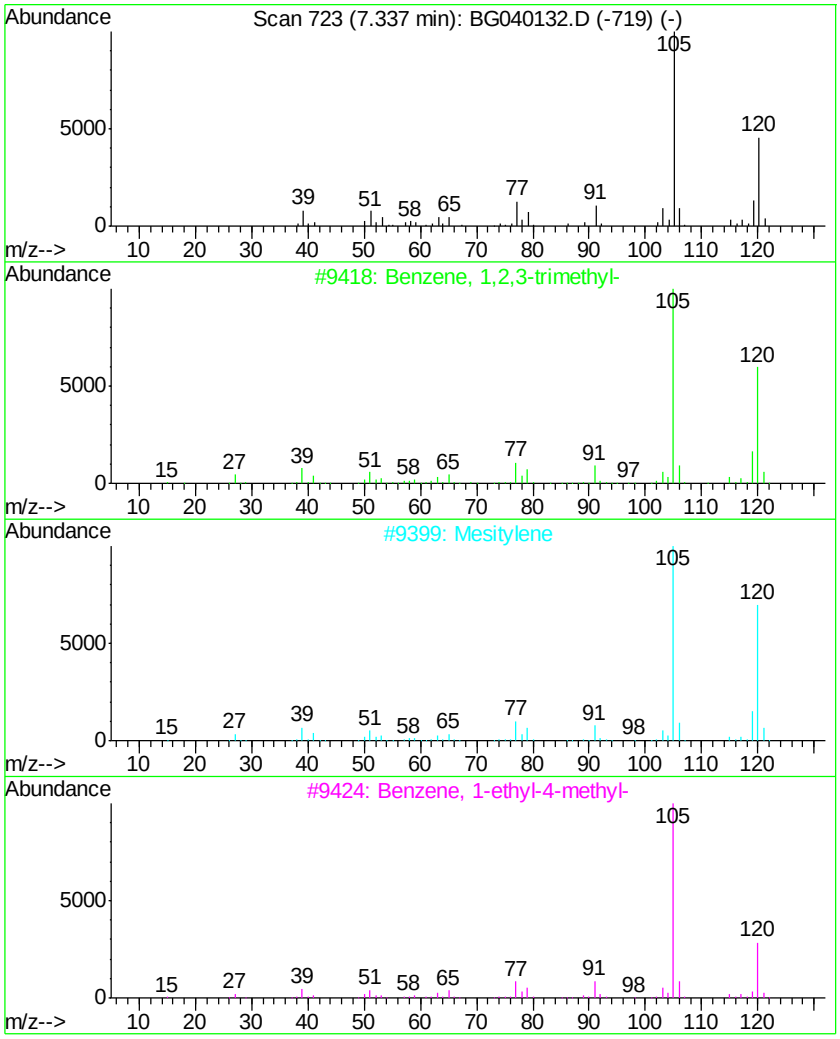
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

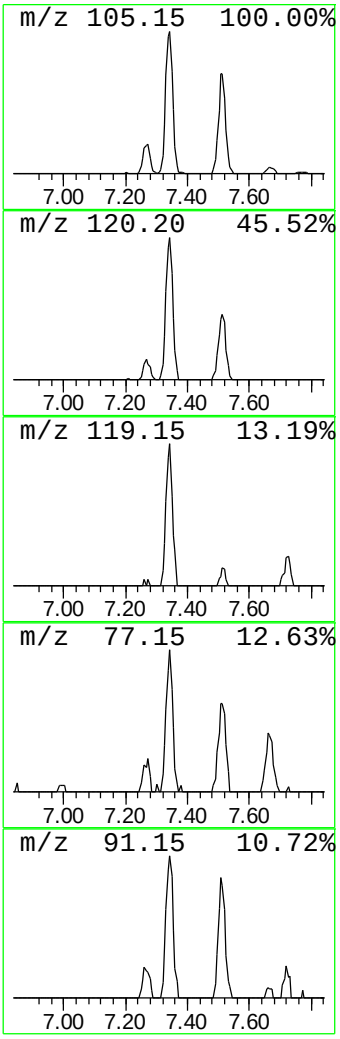
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	13.01 ng	139735	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

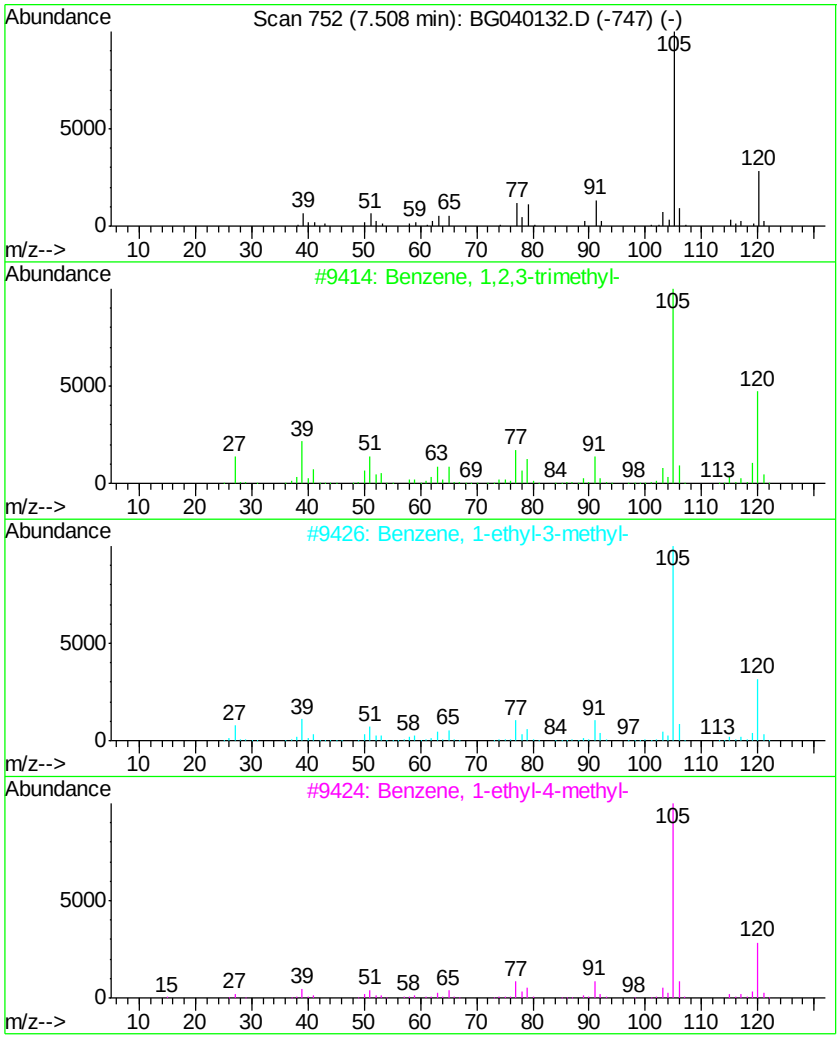
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

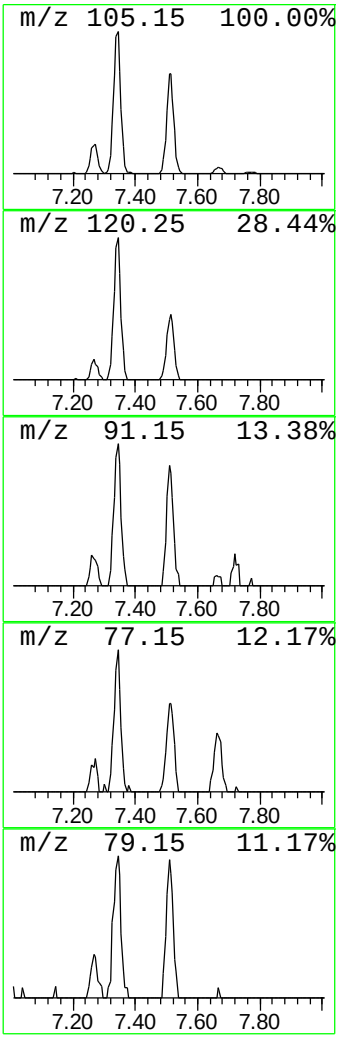
****

Peak Number 8 Mesitylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	7.85 ng	84384	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

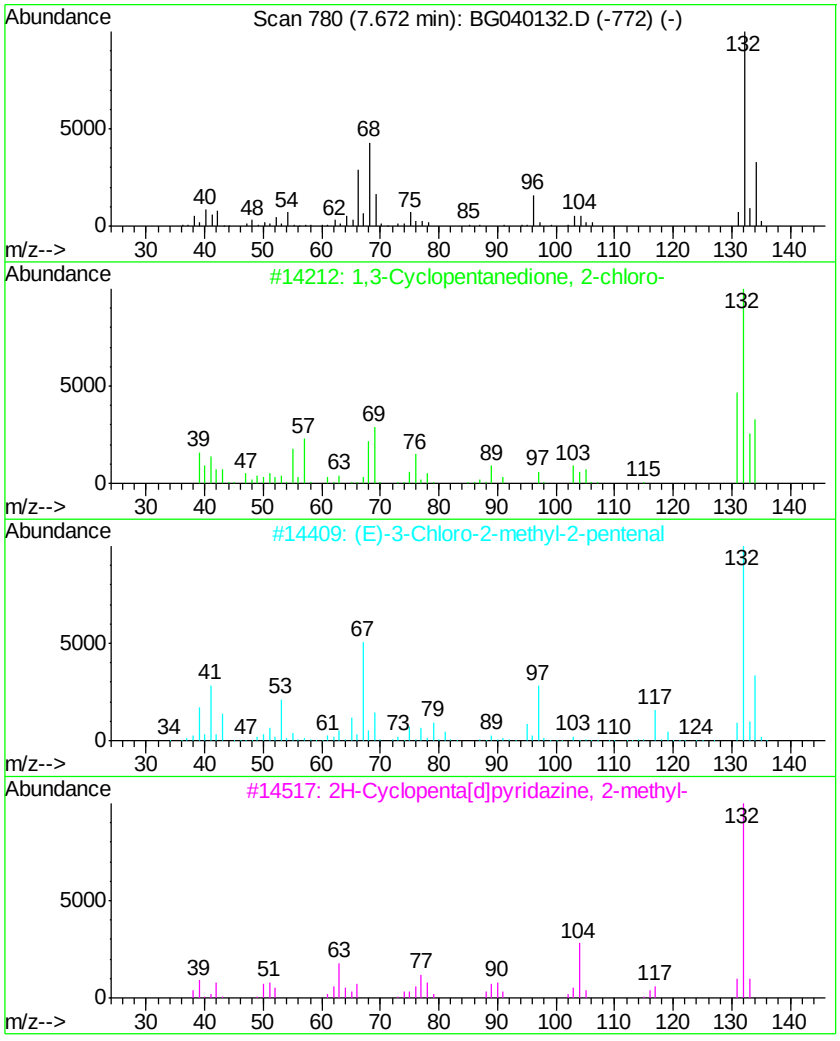
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

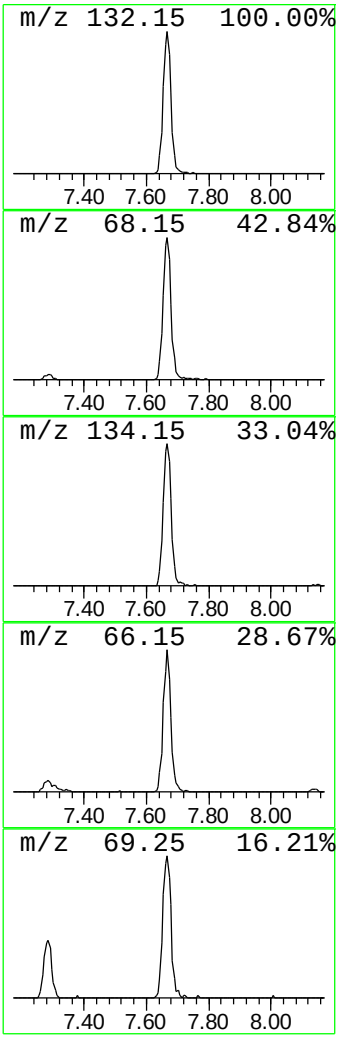
****

Peak Number 9 unknown7.67 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	35.92 ng	385892	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	17
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
4	1-Isoquinolinemethanol, .alpha.-...	191	C12H17NO	114608-92-3	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

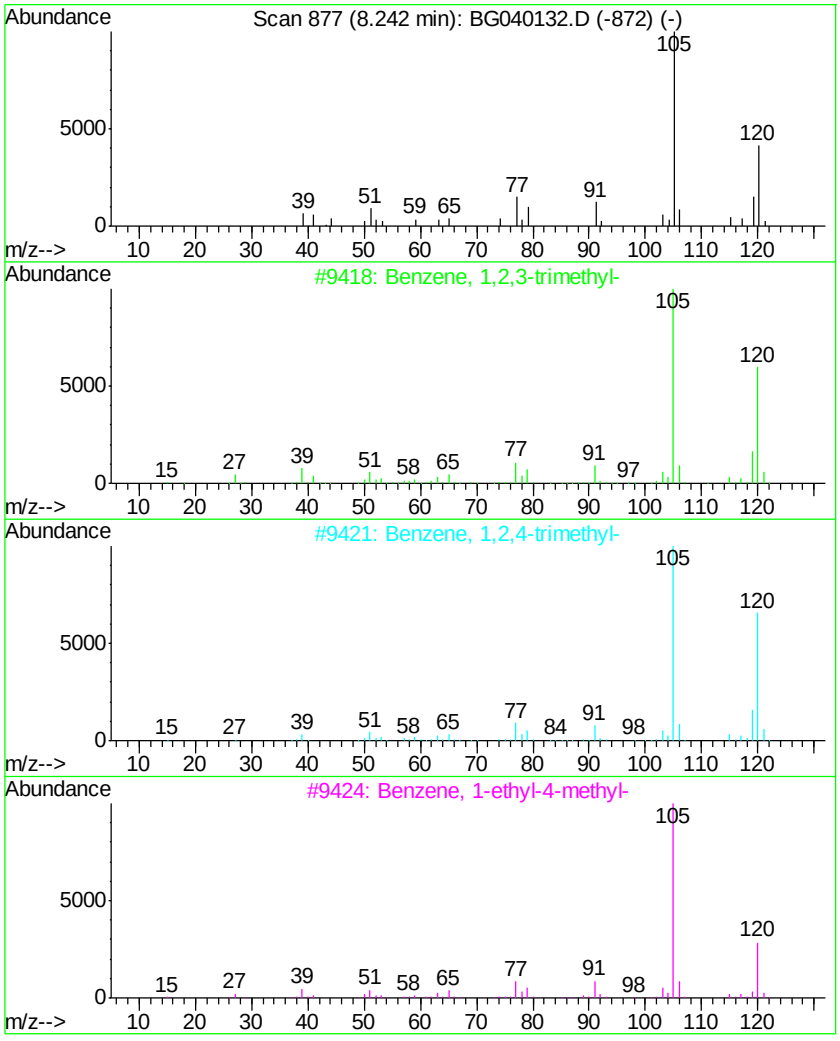
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

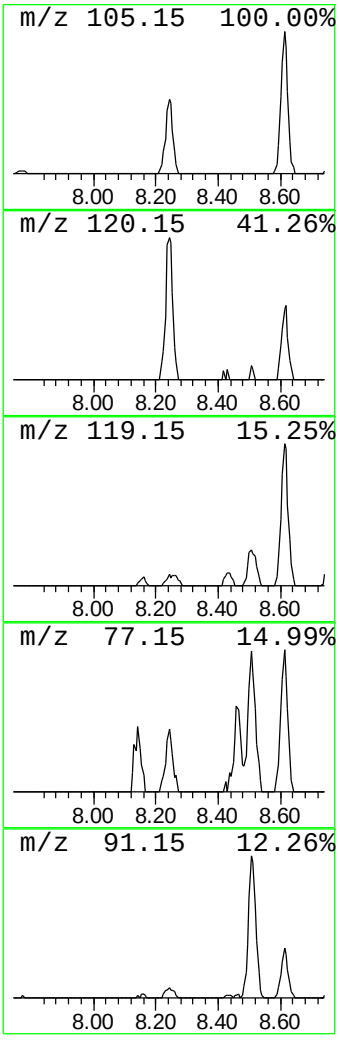
****

Peak Number 10 Benzene, 1-ethyl-2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	2.88 ng	30900	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Library Search Compound Report

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Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

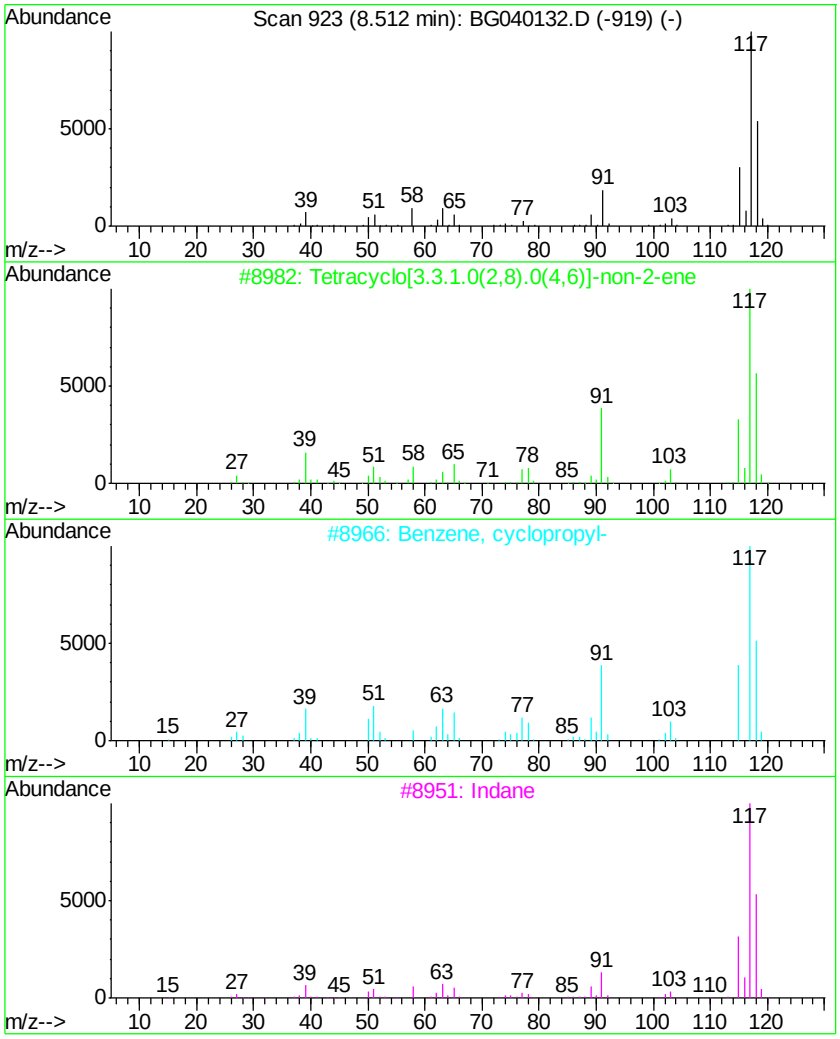
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

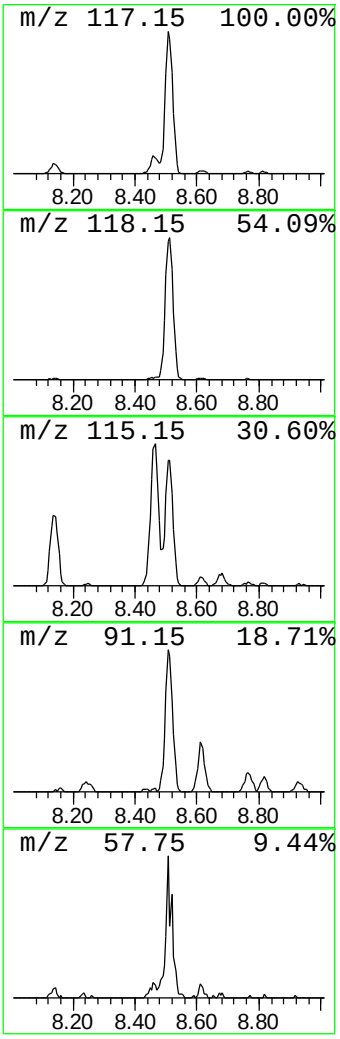
****

Peak Number 12 Tetracyclo[3.3.1.0(2,8).0(4... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.51	28.09 ng	301842	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	81
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Indane	118	C9H10	000496-11-7	74
4	Benzene, 1,1'-(1,5-hexadiene-1,6...	234	C18H18	004439-45-6	53
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	52





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Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

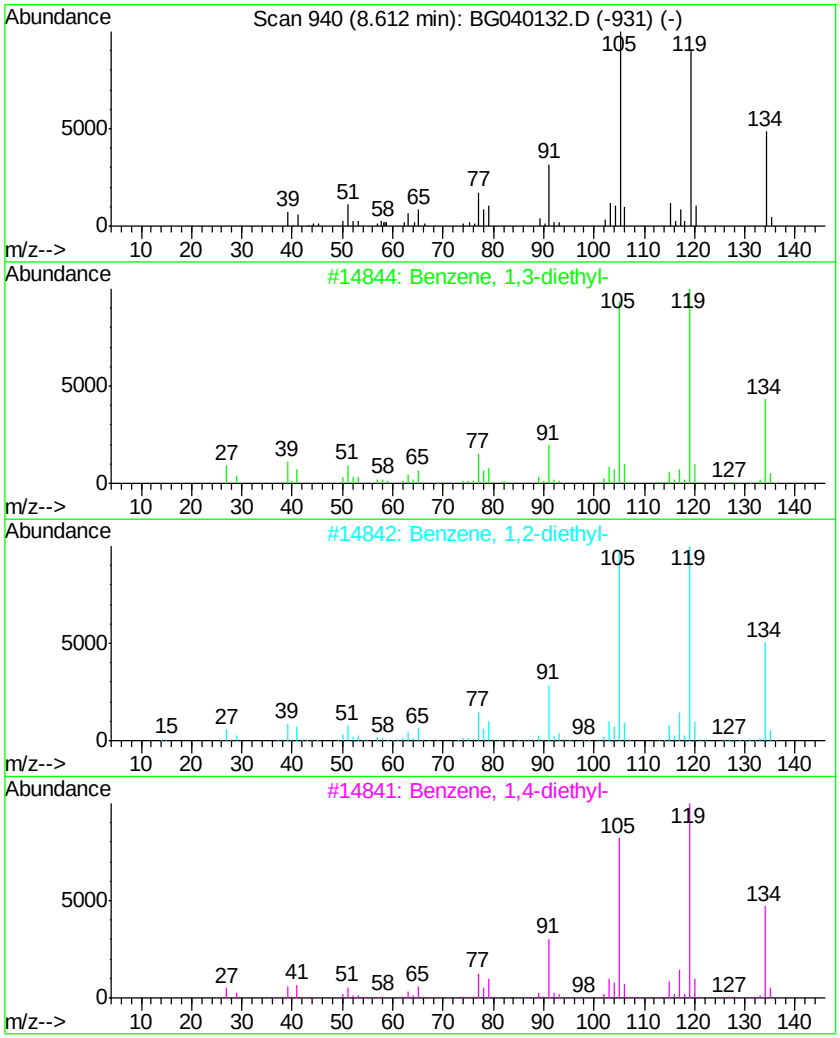
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

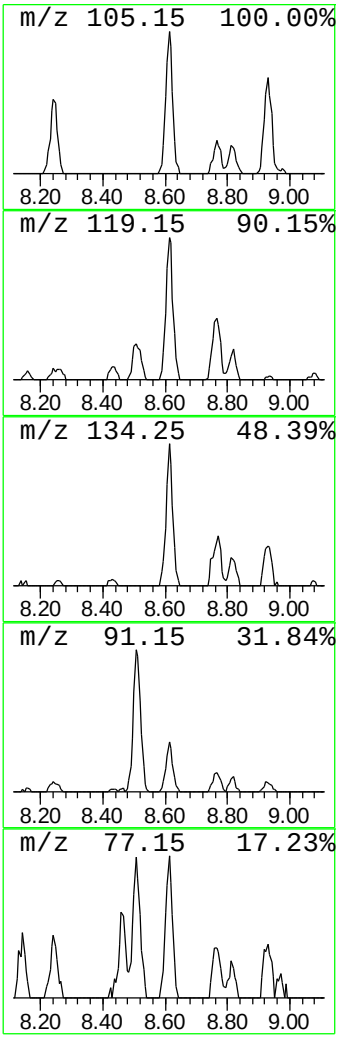
****

Peak Number 13 Benzene, 1,3-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	8.33 ng	89466	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	94
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91





Library Search Compound Report

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Acq On : 26 Mar 2019 00:53
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Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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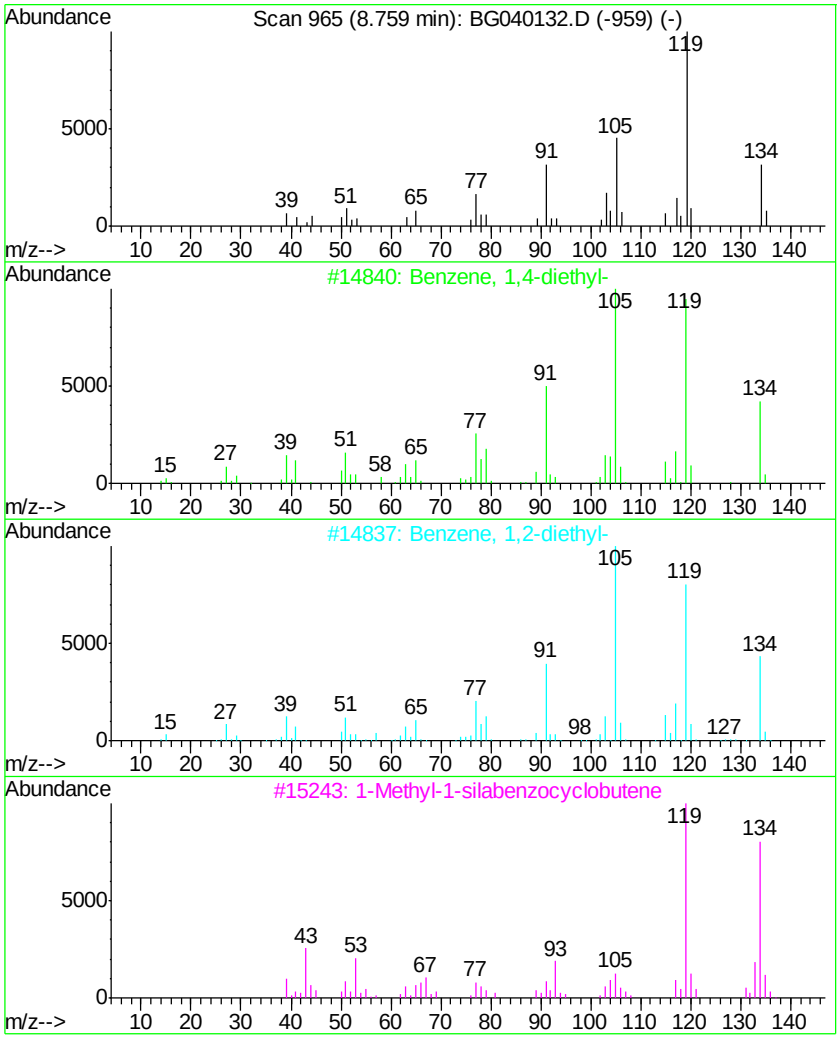
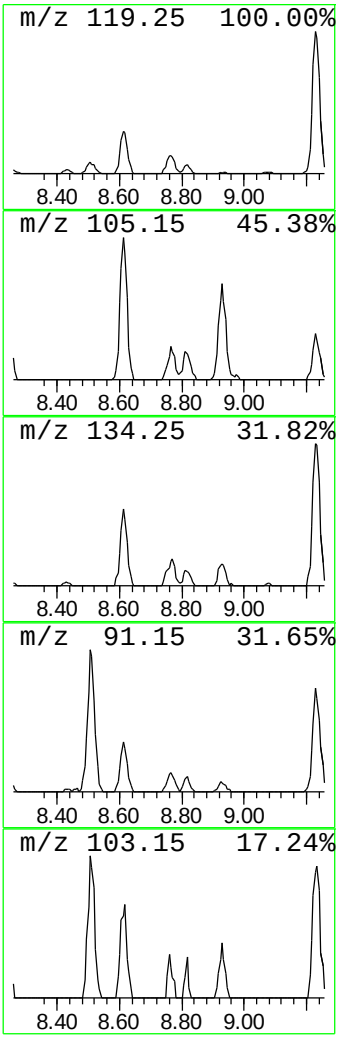
Peak Number 14 Benzene, 1,4-diethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	3.25 ng	34970	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	1-Methyl-1-silabenzocyclobutene	134	C8H10Si	160841-06-5	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90





Library Search Compound Report

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Acq On : 26 Mar 2019 00:53
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Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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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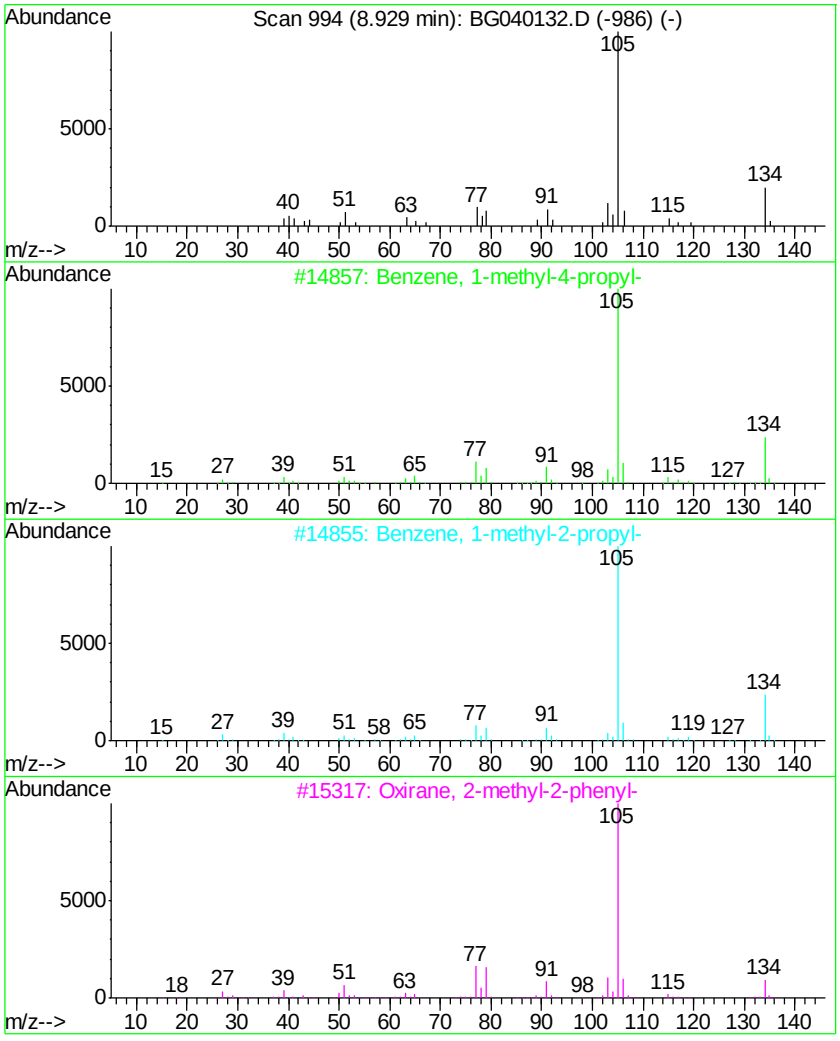
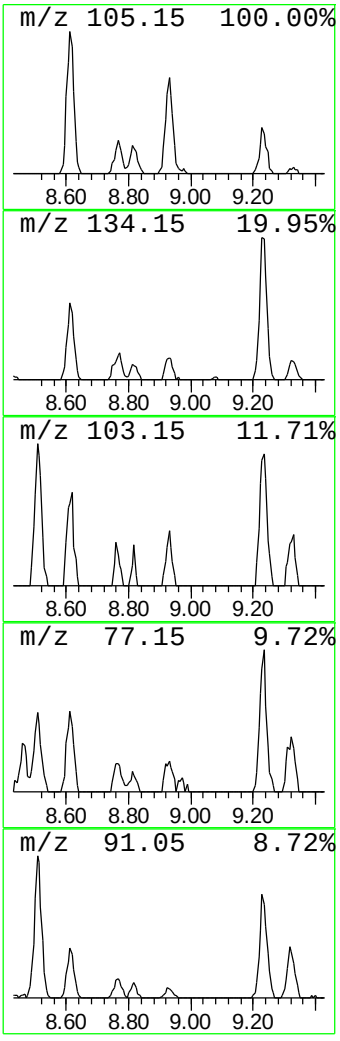
Peak Number 15 Benzene, 1-methyl-4-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.93	3.02 ng	32459	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	83
3	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	80
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	64





Library Search Compound Report

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Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

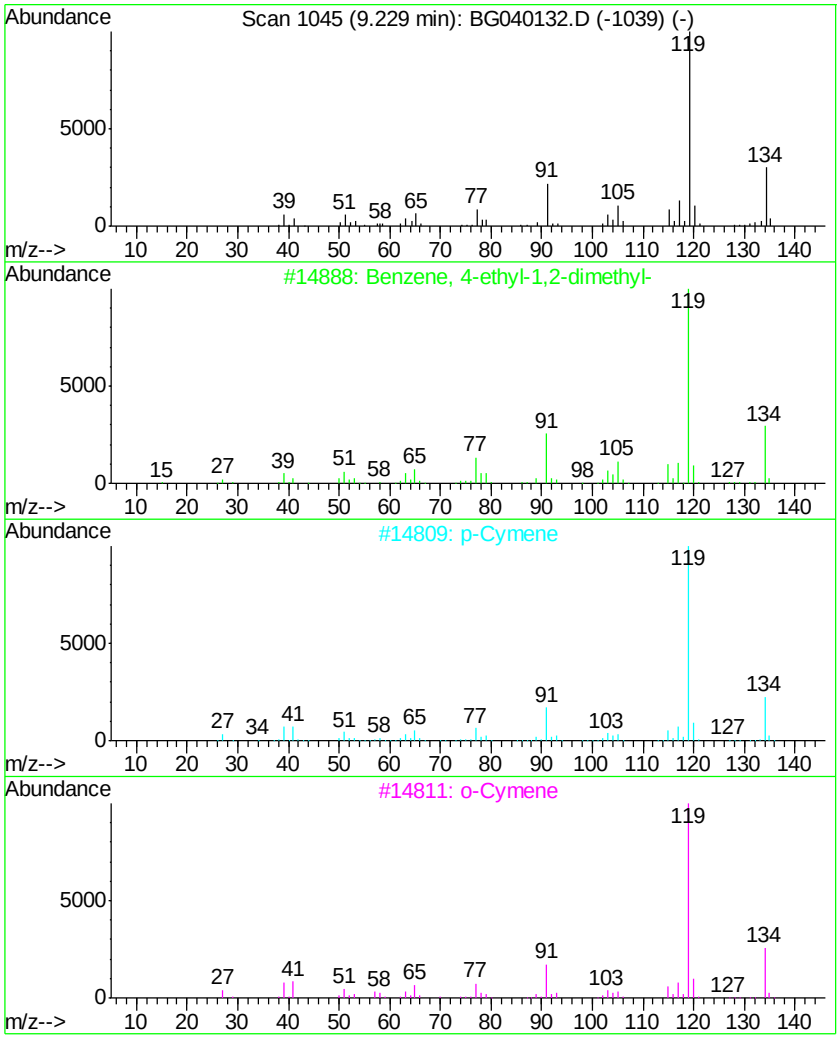
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

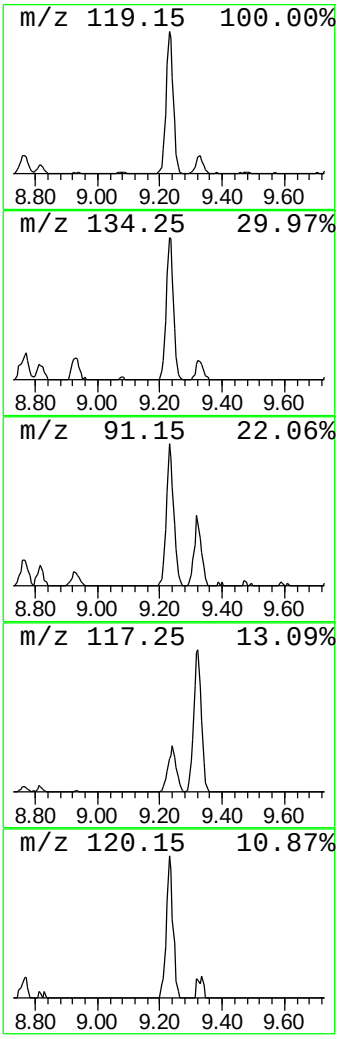
****

Peak Number 16 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.23	17.74 ng	190611	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	p-Cymene	134	C10H14	000099-87-6	94
3	o-Cymene	134	C10H14	000527-84-4	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	93
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93





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Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

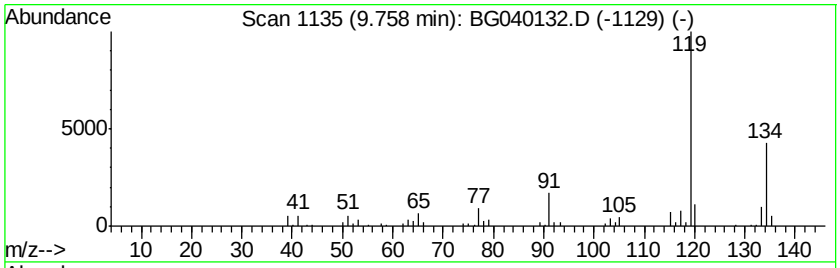
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

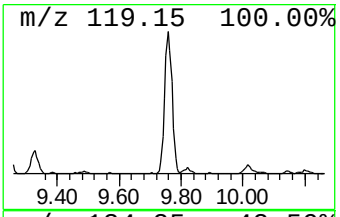
****

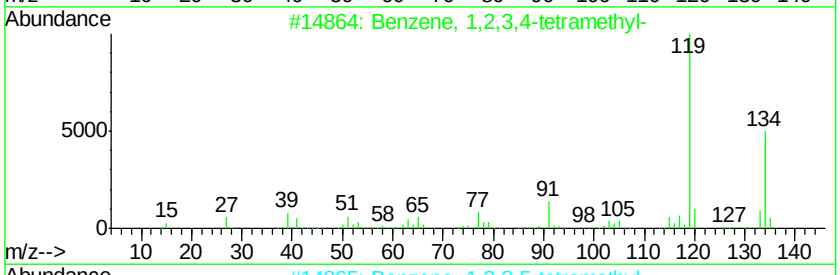
Peak Number 17 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 12

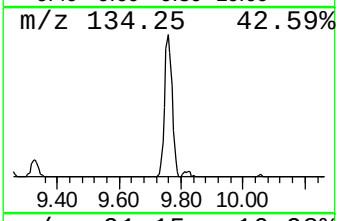
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	7.57 ng	134506	Naphthalene-d8	10.96

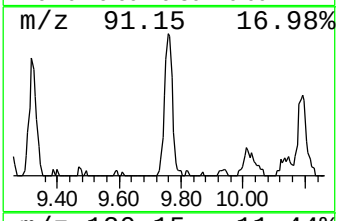
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	p-Cymene	134	C10H14	000099-87-6	95

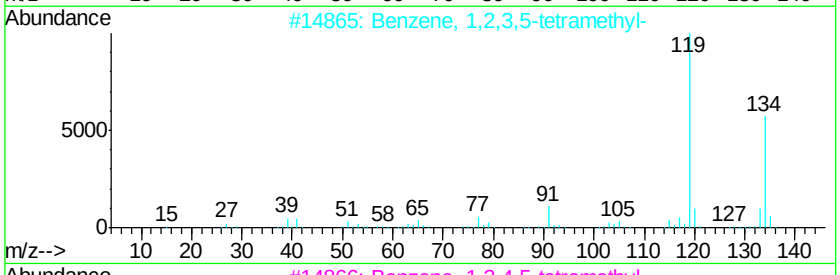


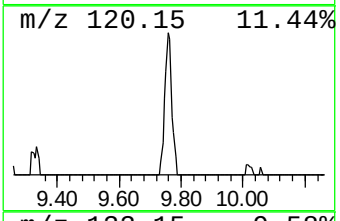


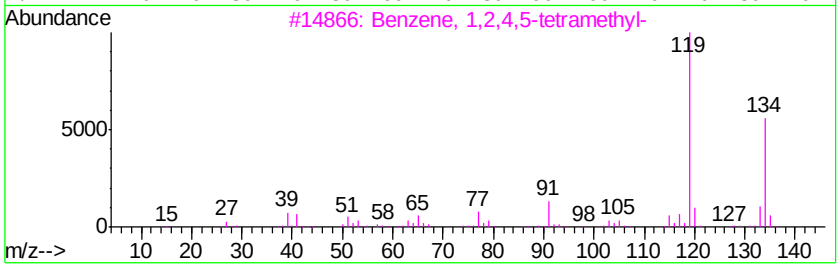


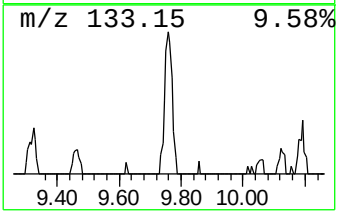












Library Search Compound Report

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Data File : BG040132.D
Acq On : 26 Mar 2019 00:53
Operator : JU/SJ
Sample : K2059-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

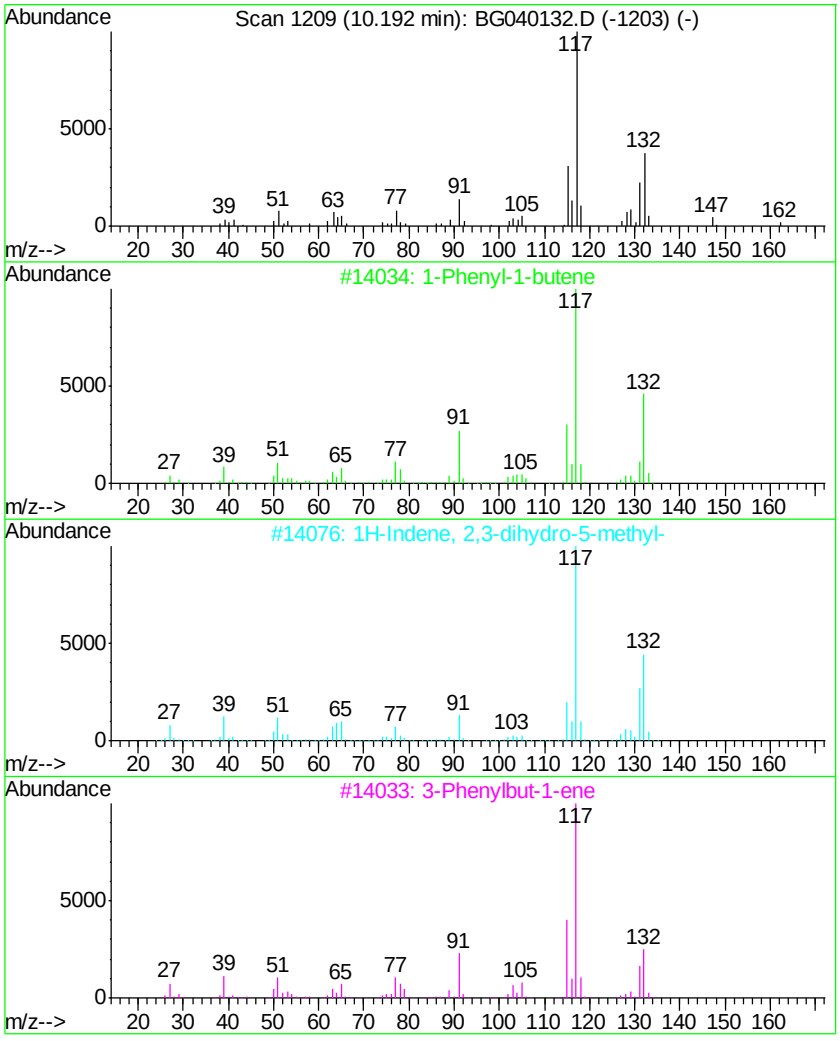
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

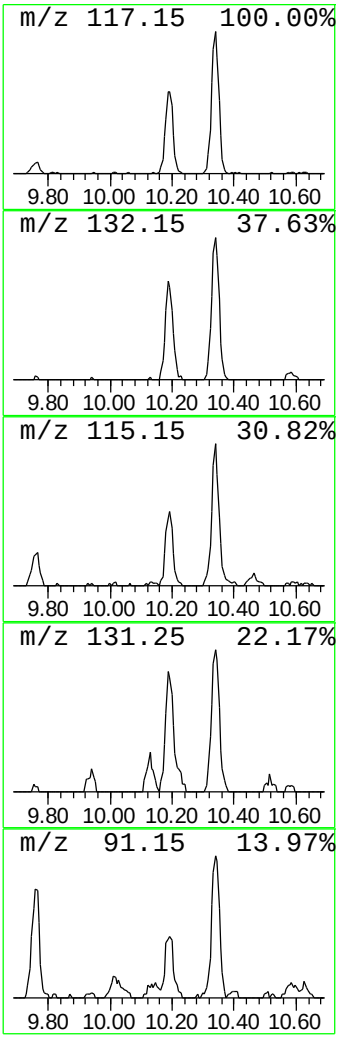
****

Peak Number 18 1-Phenyl-1-butene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.19	6.26 ng	111274	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	94
2	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
4	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87





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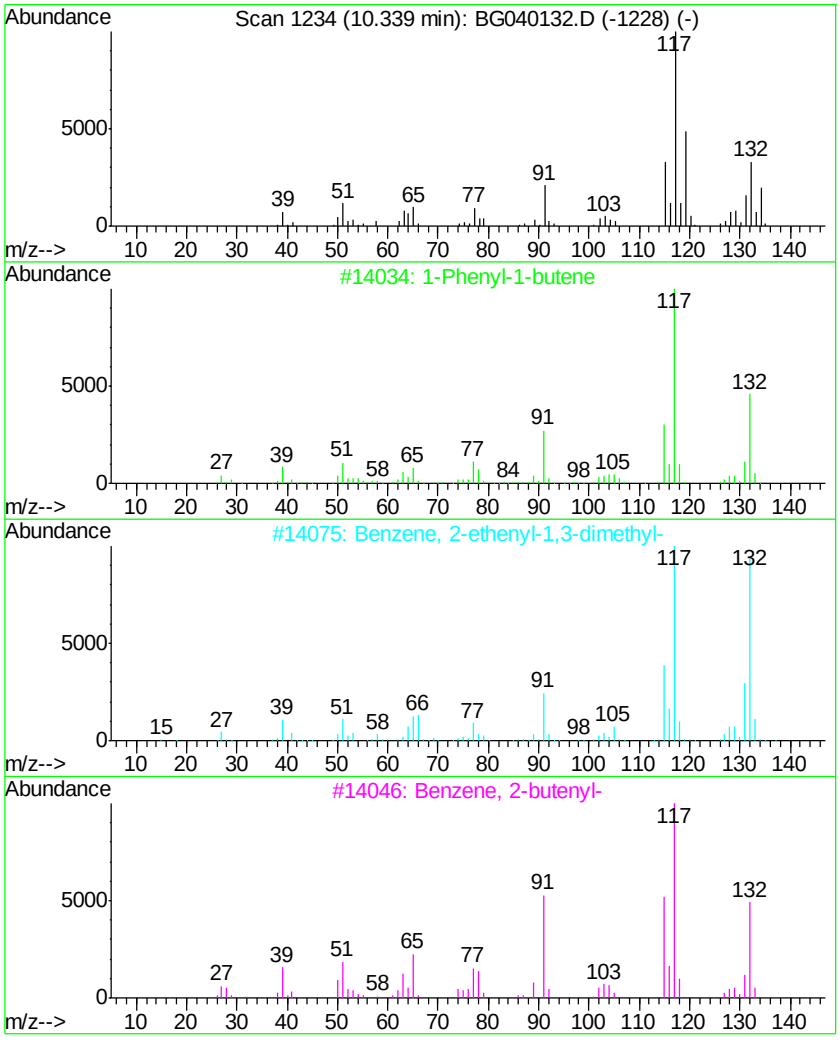
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

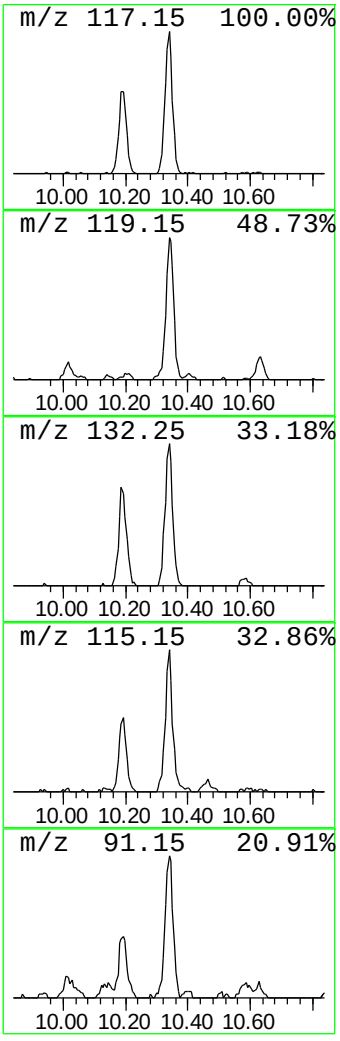
****

Peak Number 19 Benzene, 2-ethenyl-1,3-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	12.39 ng	220270	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenyl-1-butene	132	C10H12	000824-90-8	92
2	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	70
4	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	70
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	64





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

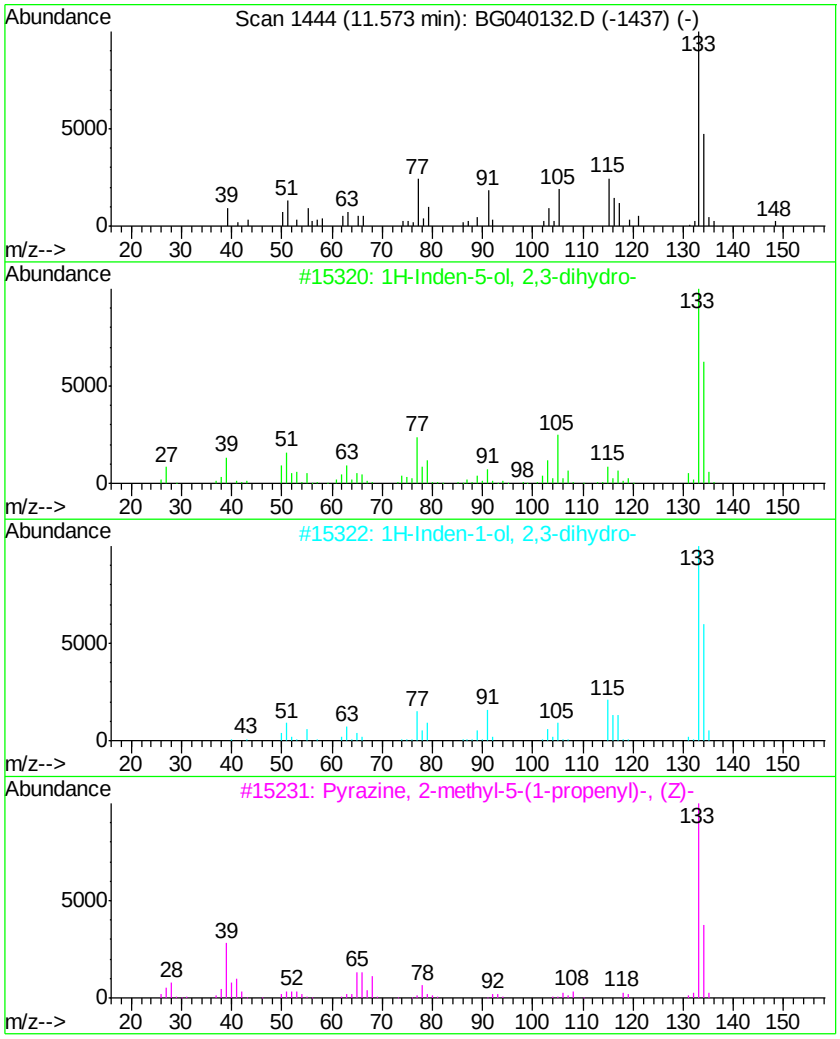
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

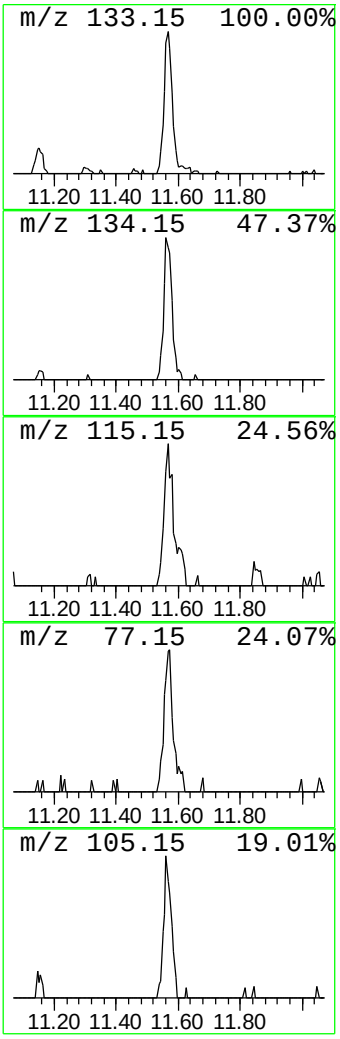
****

Peak Number 20 1H-Inden-5-ol, 2,3-dihydro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	4.35 ng	77265	Naphthalene-d8	10.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-5-ol, 2,3-dihydro-	134	C9H10O	001470-94-6	81
2	1H-Inden-1-ol, 2,3-dihydro-	134	C9H10O	006351-10-6	80
3	Pyrazine, 2-methyl-5-(1-propenyl...	134	C8H10N2	055138-66-4	49
4	Pyrazine, 2-methyl-6-(1-propenyl...	134	C8H10N2	018217-81-7	49
5	Pyrazine, 2-methyl-5-(2-propenyl)-	134	C8H10N2	055138-63-1	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
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Instrument : BNA_G
ClientSampleId : MW-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.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
Butane, 2-methoxy...	3.27	32.8	ng	352456	1	8.14	214884	20.0
Cyclopentene, 4,4...	4.07	3.9	ng	42344	1	8.14	214884	20.0
Cyclohexene, 1-me...	4.33	4.3	ng	46617	1	8.14	214884	20.0
2-Pentanone, 4-hy...	5.22	7.4	ng	79536	1	8.14	214884	20.0
1,3-Cyclopentadie...	5.77	30.7	ng	329621	1	8.14	214884	20.0
Benzene, 1-ethyl-...	7.34	13.0	ng	139735	1	8.14	214884	20.0
Mesitylene	7.51	7.8	ng	84384	1	8.14	214884	20.0
unknown7.67	7.67	35.9	ng	385892	1	8.14	214884	20.0
Benzene, 1-ethyl-...	8.24	2.9	ng	30900	1	8.14	214884	20.0
Tetracyclo[3.3.1....	8.51	28.1	ng	301842	1	8.14	214884	20.0
Benzene, 1,3-diet...	8.61	8.3	ng	89466	1	8.14	214884	20.0
Benzene, 1,4-diet...	8.76	3.3	ng	34970	1	8.14	214884	20.0
Benzene, 1-methyl...	8.93	3.0	ng	32459	1	8.14	214884	20.0
Benzene, 4-ethyl-...	9.23	17.7	ng	190611	1	8.14	214884	20.0
Benzene, 1,2,3,4-...	9.76	7.6	ng	134506	2	10.96	355476	20.0
1-Phenyl-1-butene	10.19	6.3	ng	111274	2	10.96	355476	20.0
Benzene, 2-etheny...	10.34	12.4	ng	220270	2	10.96	355476	20.0
1H-Inden-5-ol, 2,...	11.57	4.3	ng	77265	2	10.96	355476	20.0