LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

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-BG020722.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG052523.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.839	225	230	236	rBV4	13963	25458	1.02%	0.236%
2	5.756	379	386	392	rBV	248638	415340	16.63%	3.850%
3	7.365	653	660	669	rBV	157943	289571	11.60%	2.684%
4	8.217	797	805	816	rBV	107334	186254	7.46%	1.727%
5	8.599	864	870	875	rBV2	17876	29631	1.19%	0.275%
6	8.717	883	890	897	rBV	89916	146456	5.87%	1.358%
7	8.869	909	916	921	rBV2	64502	107020	4.29%	0.992%
8	9.034	935	944	950	rBV2	23770	48689	1.95%	0.451%
9	9.339	990	996	999	rBV3	53268	92671	3.71%	0.859%
10	9.392	999	1005	1017	rVB2	386545	806873	32.31%	7.480%
11	9.868	1071	1086	1091	rBV	123520	216822	8.68%	2.010%
12	9.927	1091	1096	1109	rVB	25114	48981	1.96%	0.454%
13	10.126	1125	1130	1136	rBV3	15753	25033	1.00%	0.232%
14	10.238	1143	1149	1155	rBV4	16277	31696	1.27%	0.294%
15	10.326	1155	1164	1173	rVB5	14055	33129	1.33%	0.307%
16	10.449	1177	1185	1191	rBV2	31361	56380	2.26%	0.523%
17	10.743	1229	1235	1241	rVB	21016	32490	1.30%	0.301%
18	11.055	1274	1288	1293	rBV2	150466	419331	16.79%	3.887%
19	11.166	1302	1307	1315	rVB	55469	99524	3.99%	0.923%
20	11.266	1315	1324	1329	rBV2	21696	35449	1.42%	0.329%
21	11.965	1437	1443	1453	rVB	49078	80476	3.22%	0.746%
22	12.159	1467	1476	1482	rBV	25160	43139	1.73%	0.400%
23	12.429	1517	1522	1531	rVB3	18660	36665	1.47%	0.340%
24	13.487	1694	1702	1709	rBV	1089154	1629466	65.26%	15.105%
25	14.867	1930	1937	1944	rBV	243181	383410	15.36%	3.554%
26	15.478	2037	2041	2049	rBV3	23503	32656	1.31%	0.303%
27	16.353	2183	2190	2211	rBV	848145	1365937	54.70%	12.663%
28	17.610	2398	2404	2411	rBV	301617	463568	18.57%	4.297%
29	20.207	2840	2846	2855	rBV	1881800	2496957	100.00%	23.147%
30	21.540	3068	3073	3078	rBV8	15129	38446	1.54%	0.356%
31	21.928	3132	3139	3151	rVB	301536	523294	20.96%	4.851%
32	25.394	3717	3729	3740	rBV2	179512	546442	21.88%	5.066%

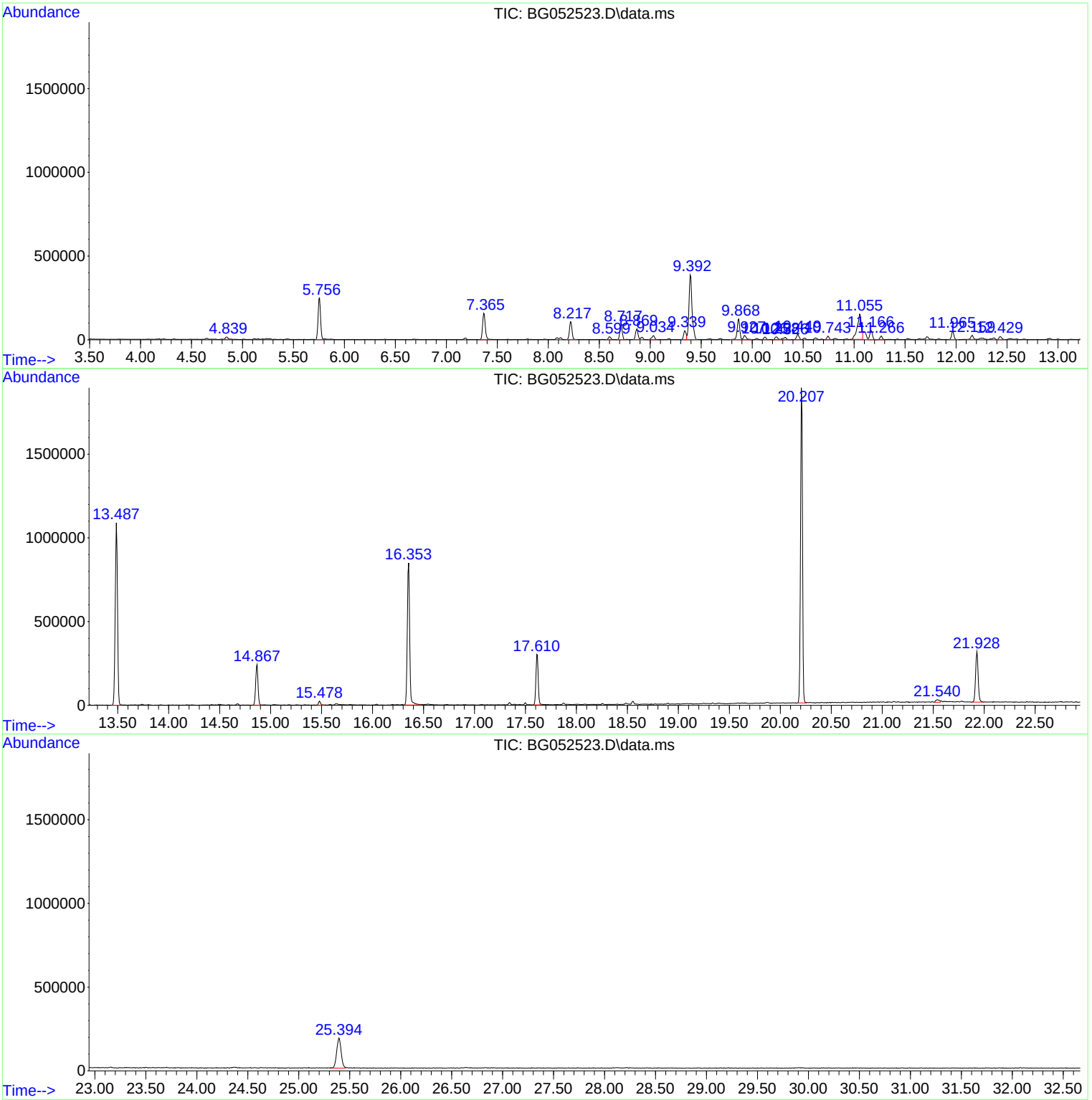
Sum of corrected areas: 10787254

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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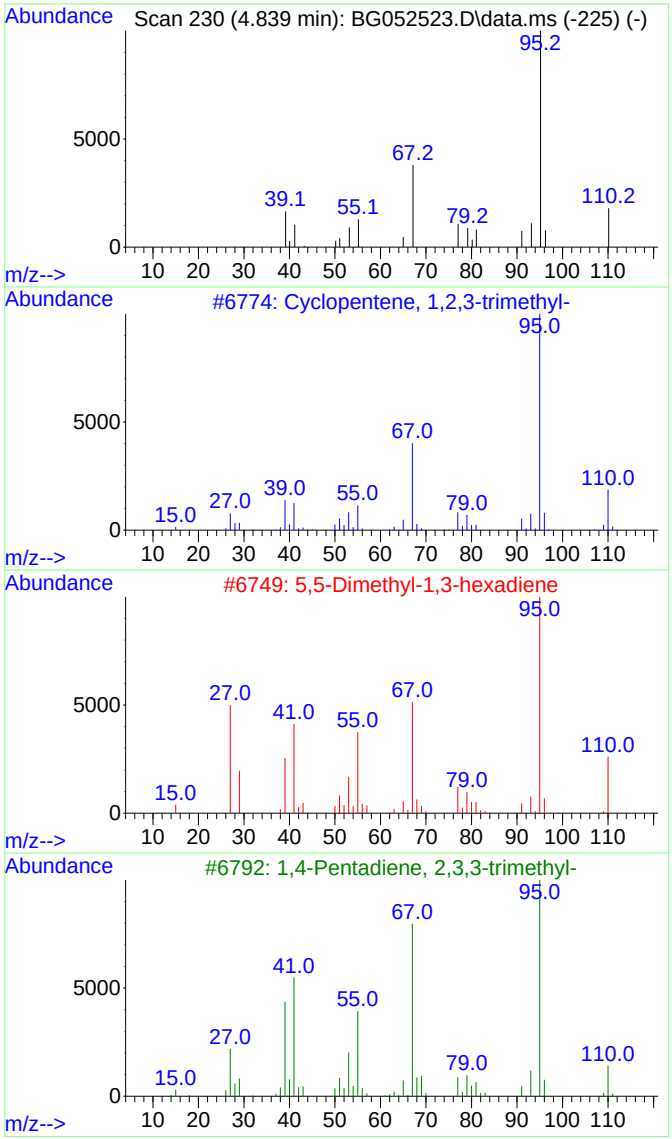
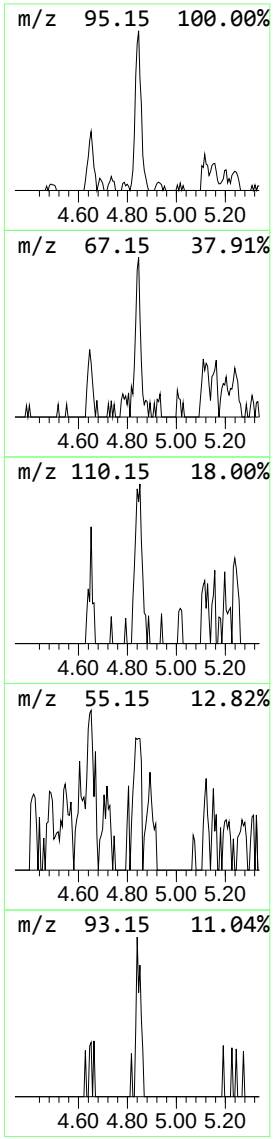
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclopentene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.839	2.73 ng	25458	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	91
2	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	90
3	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	86
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1010142-17-5	78
5	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	72





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Data File : BG052523.D
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Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

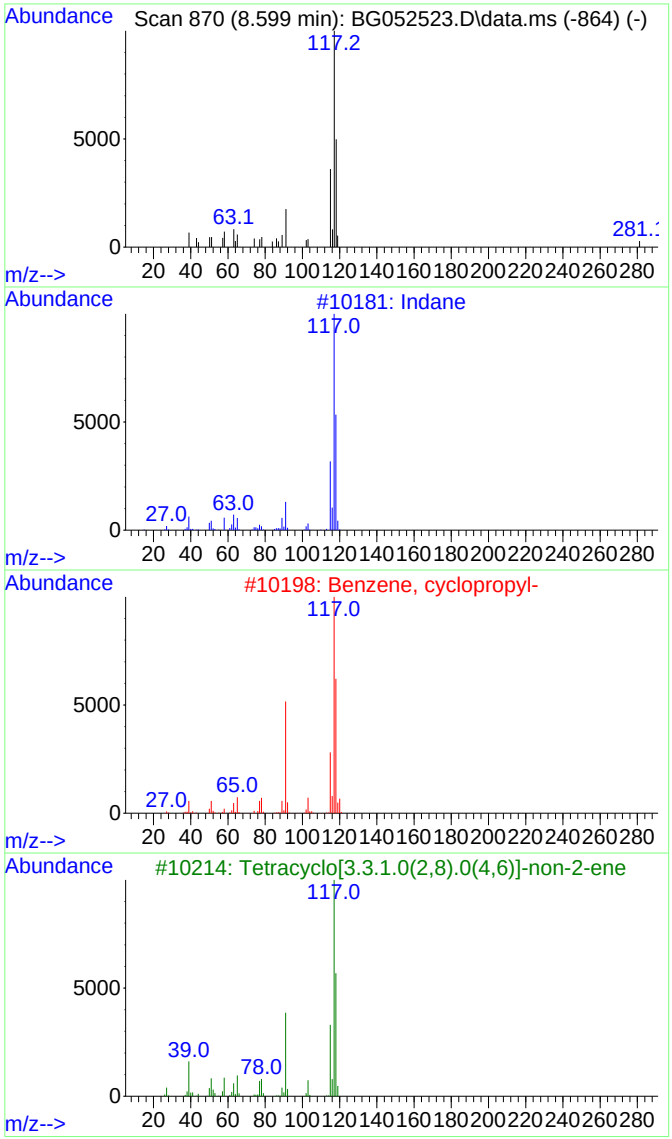
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

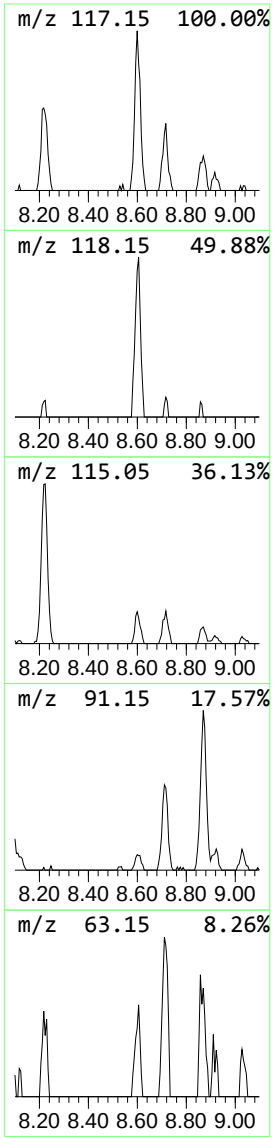
****

Peak Number 2 Indane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.599	3.18 ng	29631	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Deltacyclene	118	C9H10	007785-10-6	72
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	59





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Data File : BG052523.D
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Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

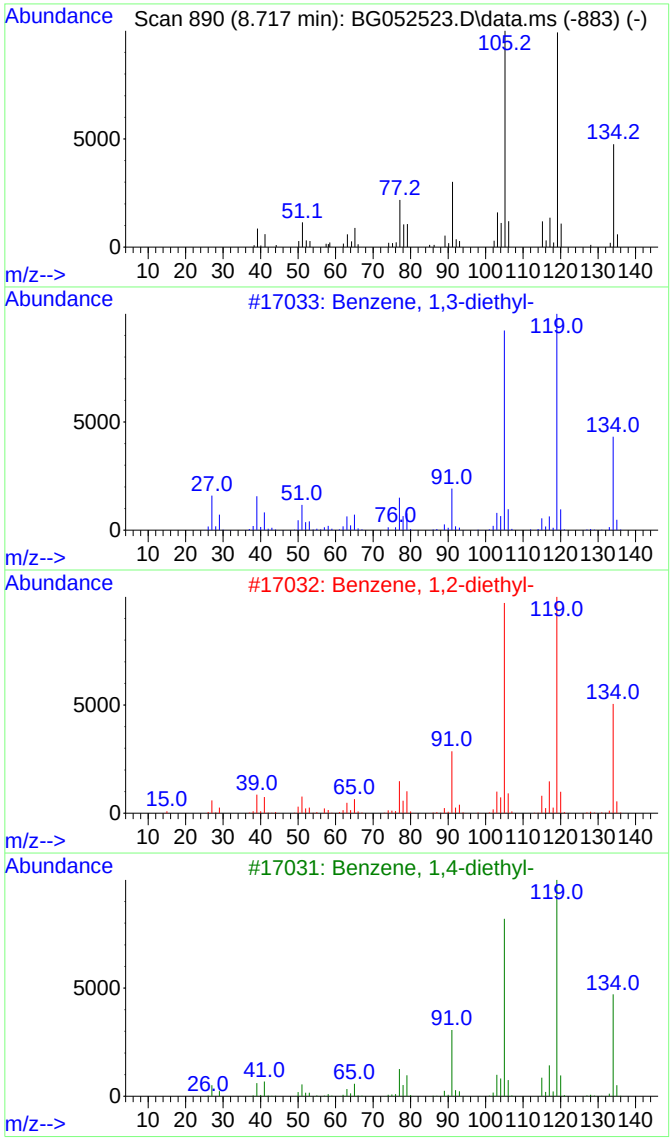
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

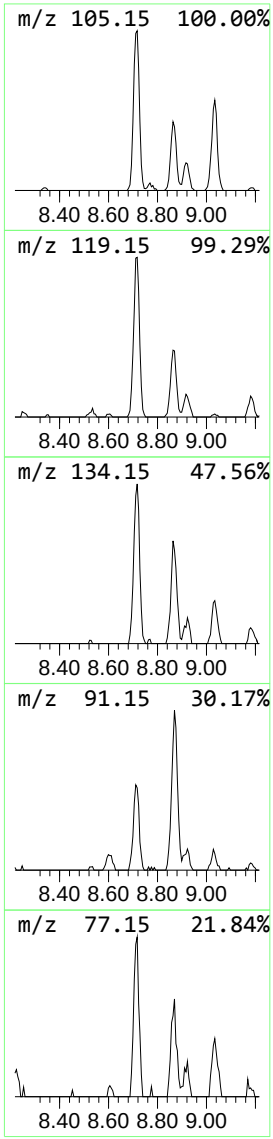
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.717	15.73 ng	146456	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	97
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

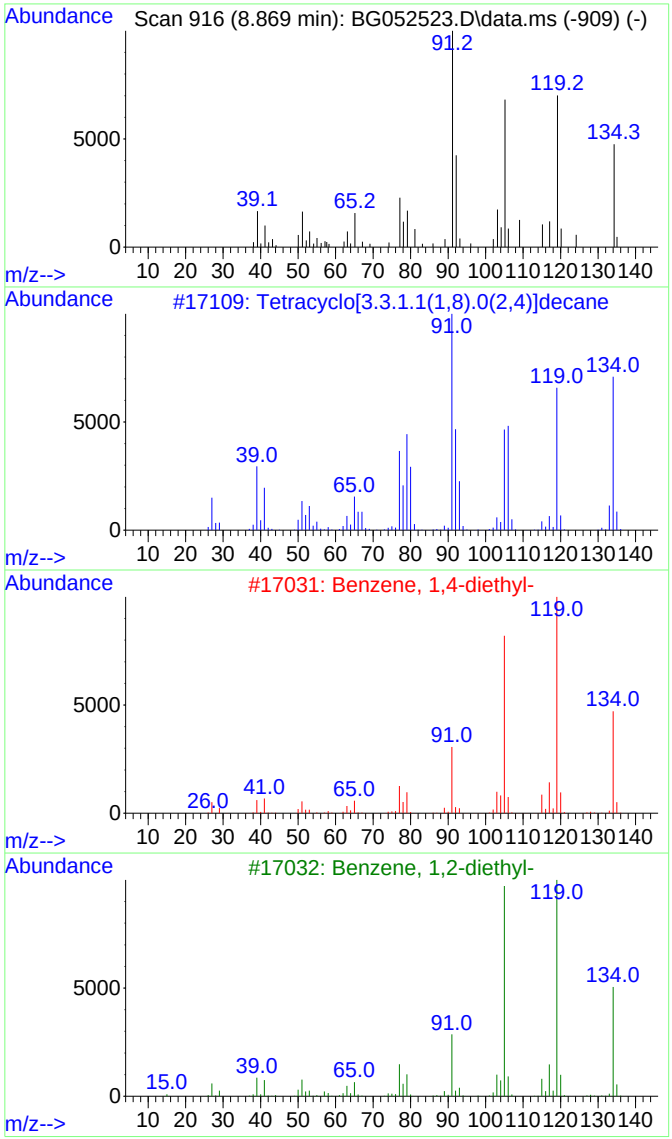
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

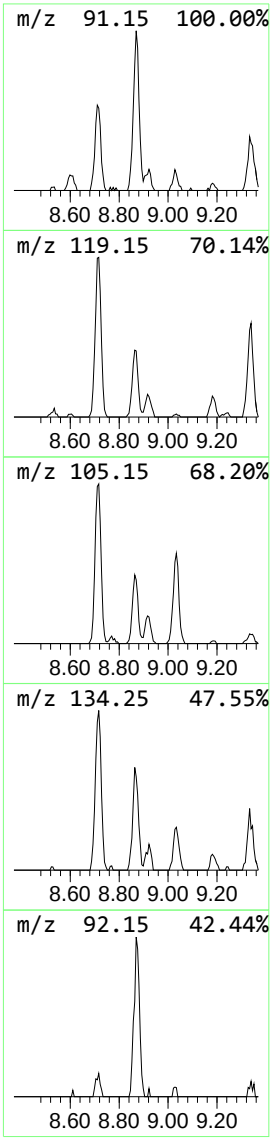
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Tetracyclo[3.3.1.1(1,8).0(2... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.869	11.49 ng	107020	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	72
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
3	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	60
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	58
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
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Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

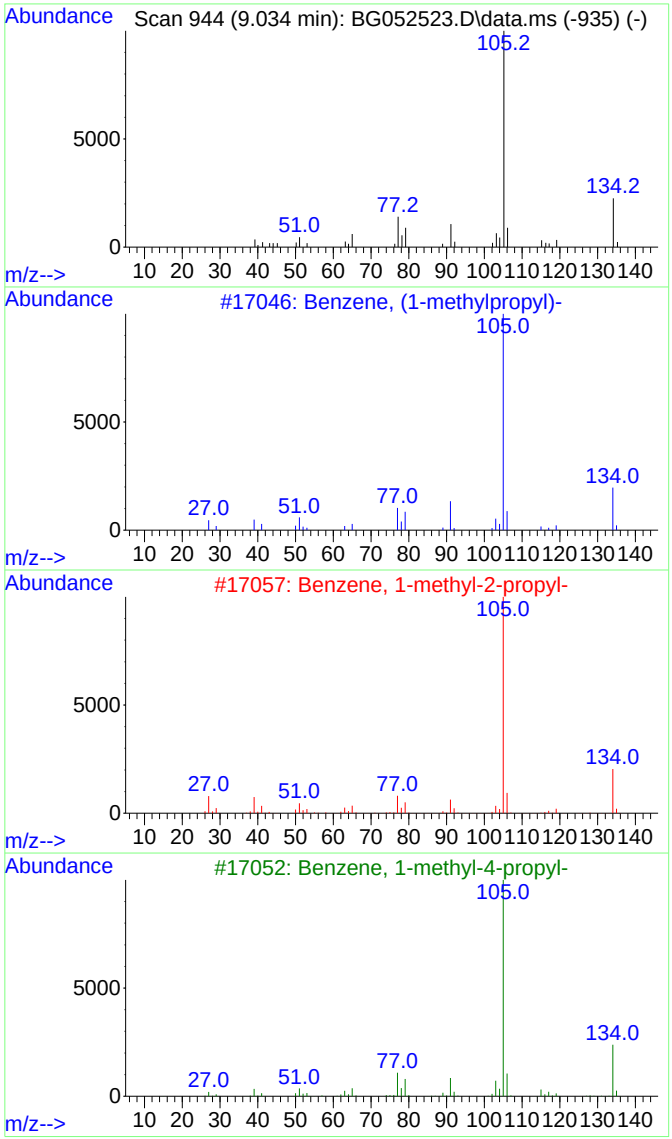
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

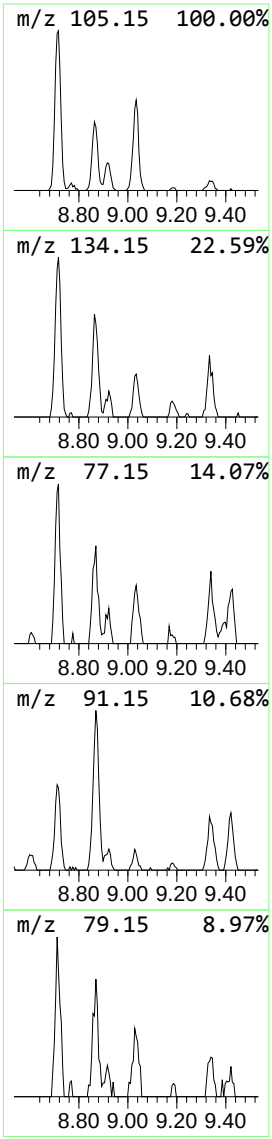
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (1-methylpropyl)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.034	5.23 ng	48689	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	94
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	87
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
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Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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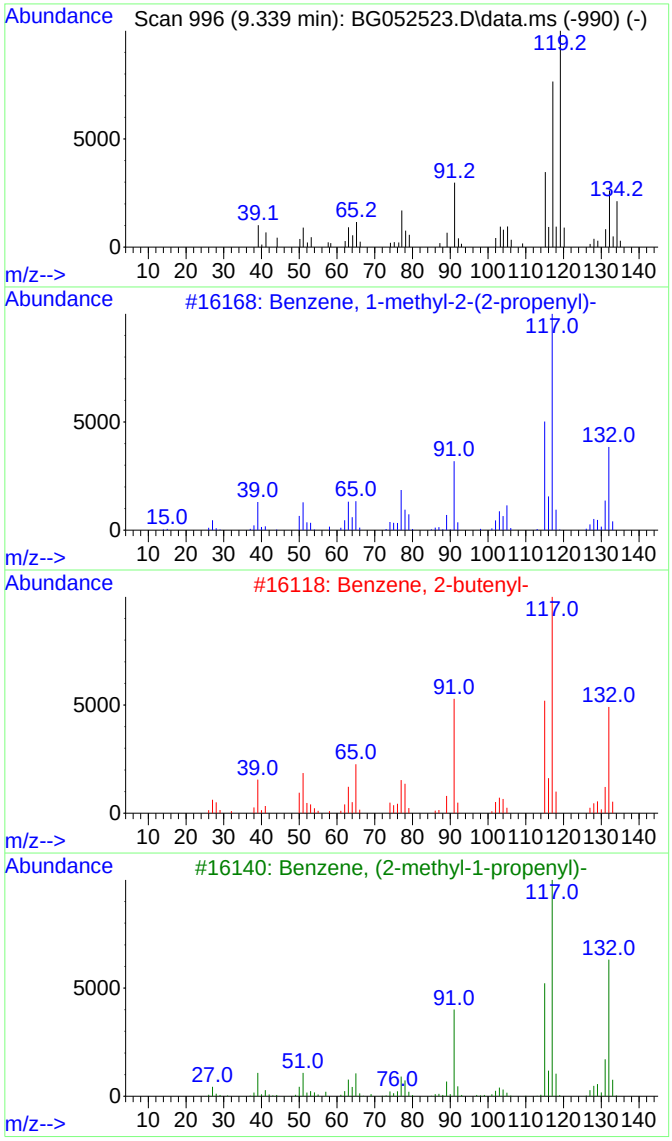
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

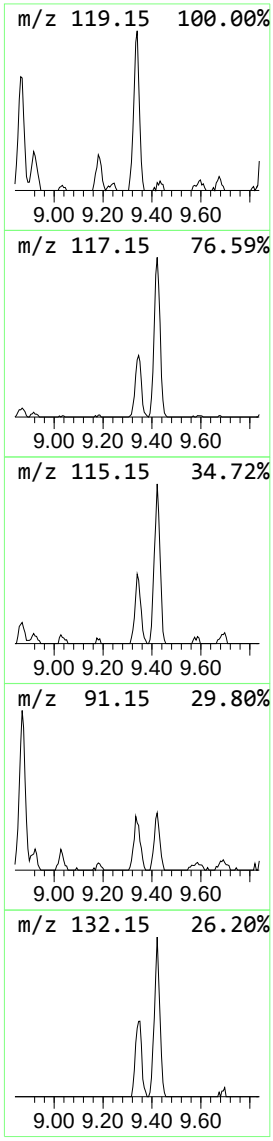
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzene, 1-methyl-2-(2-prop... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.339	9.95 ng	92671	1,4-Dichlorobenzene-d4	8.217

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	95
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	95
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	87
4	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	78
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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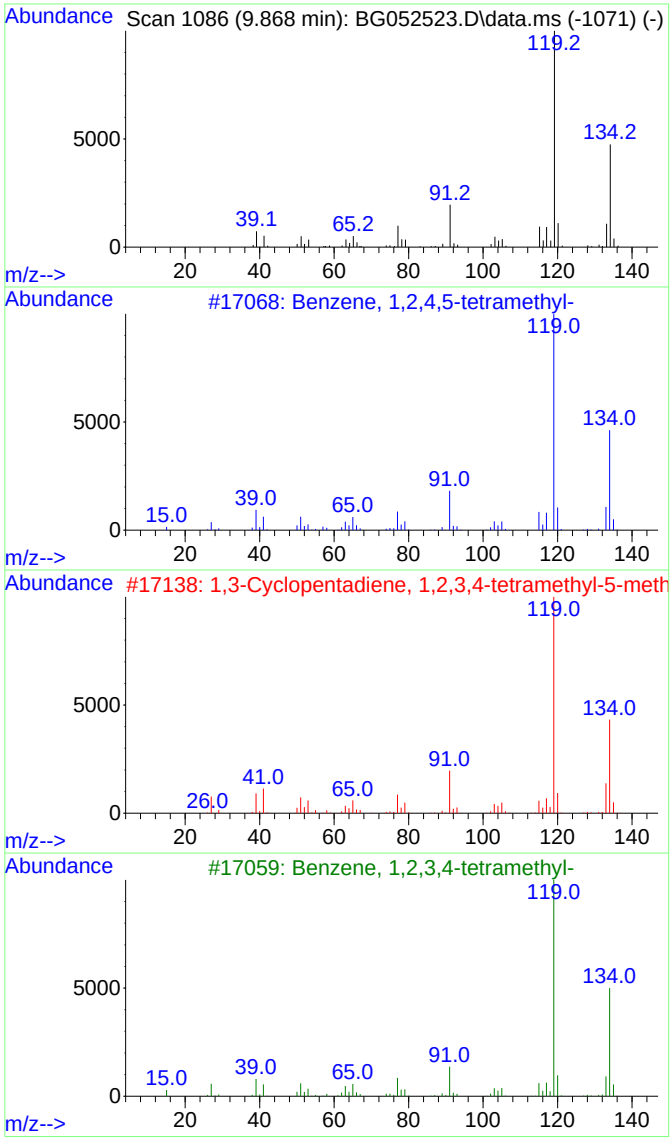
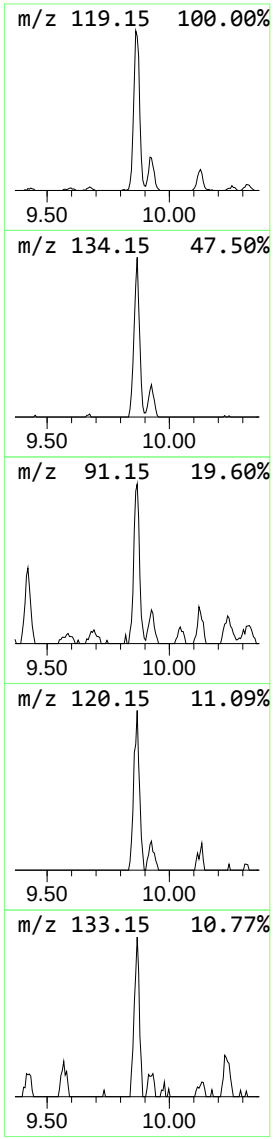
****
Peak Number 7 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.868	10.34 ng	216822	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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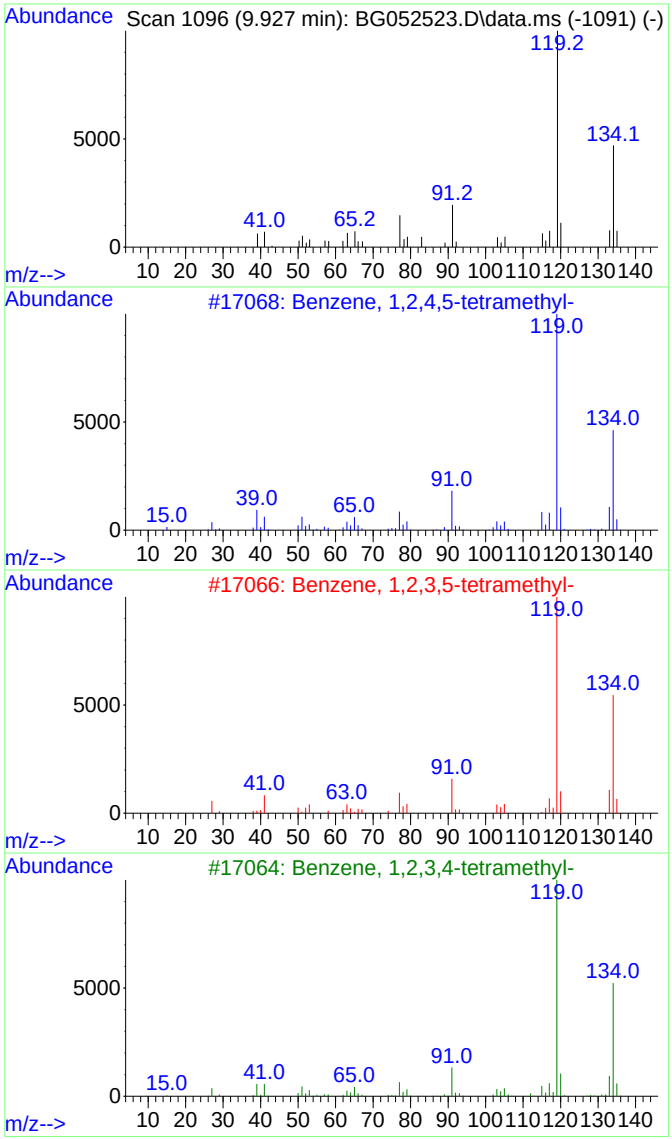
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

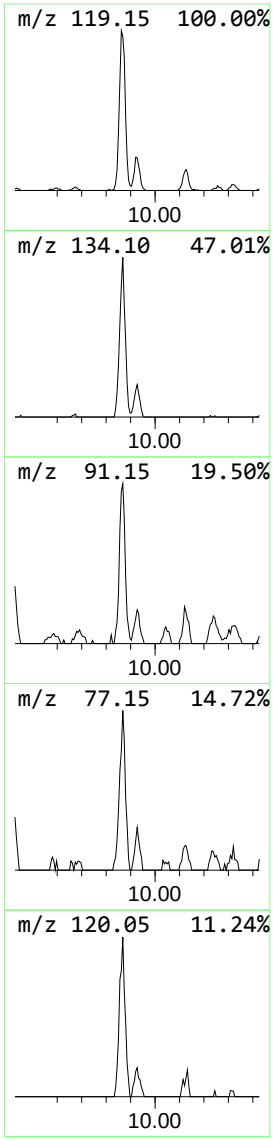
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.927	2.34 ng	48981	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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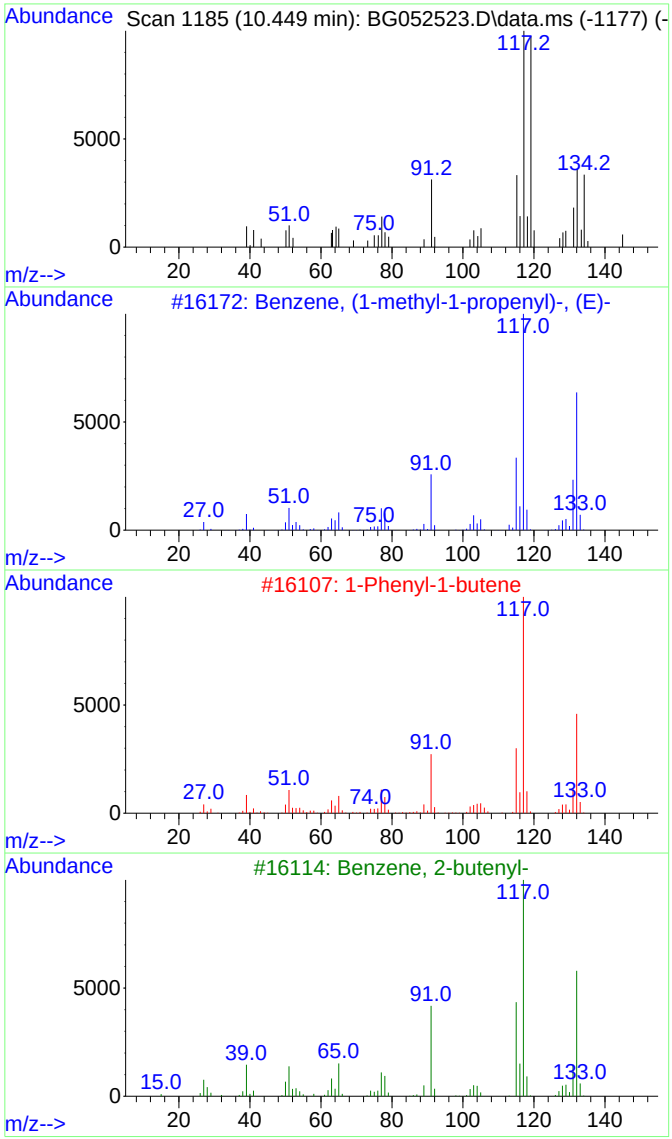
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

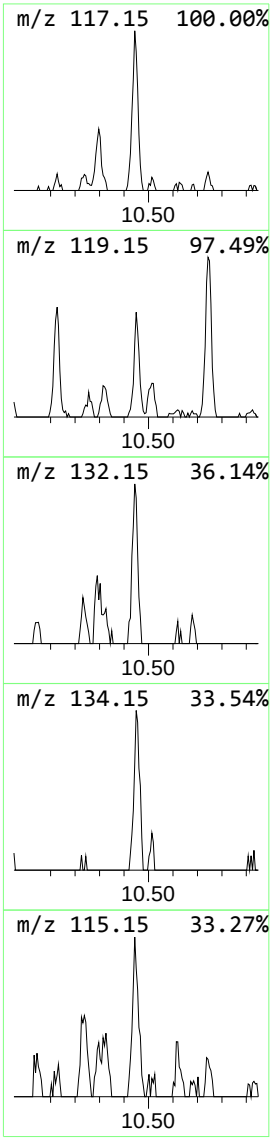
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, (1-methyl-1-propen... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.450	2.69 ng	56380	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	60
2	1-Phenyl-1-butene	132	C10H12	000824-90-8	55
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	55
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	55
5	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000767-99-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

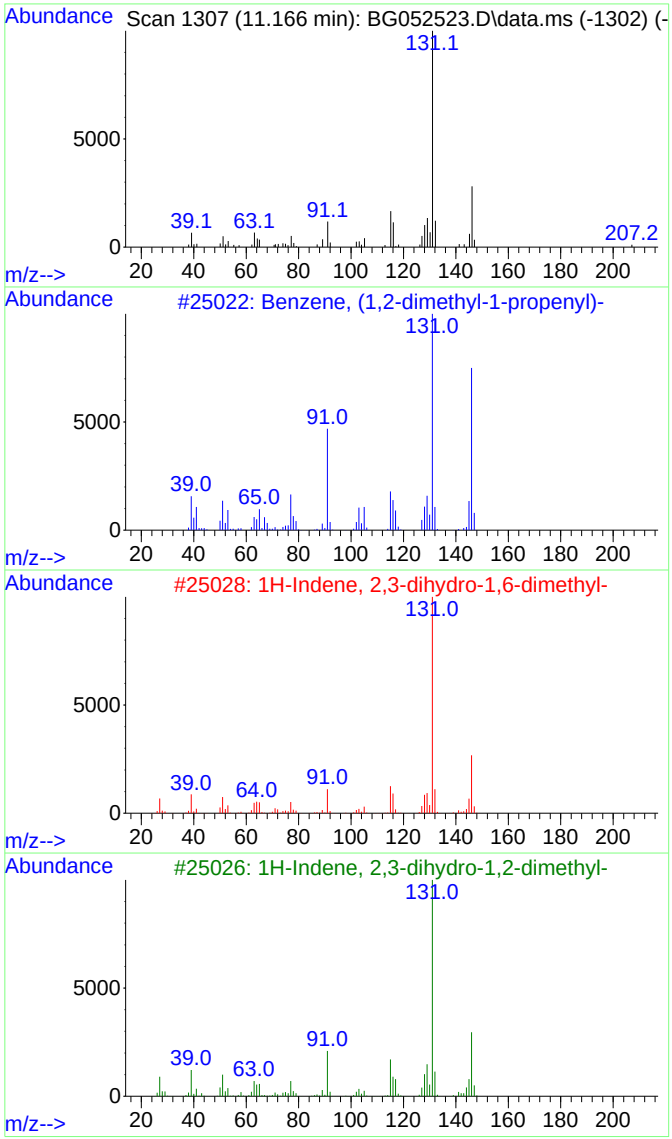
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

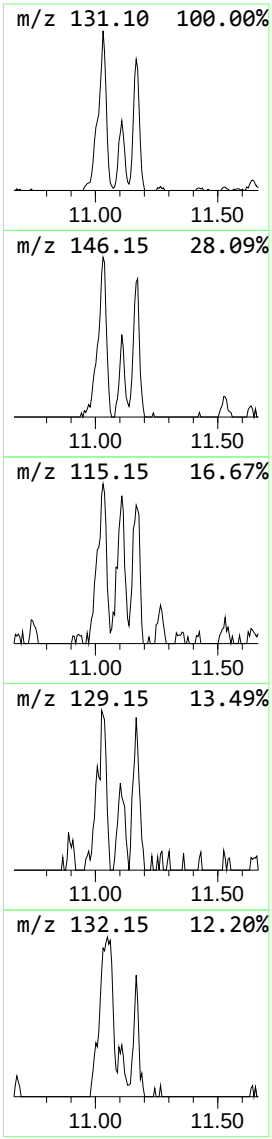
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.166	4.75 ng	99524	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	95
2	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	94
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	94
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	94
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

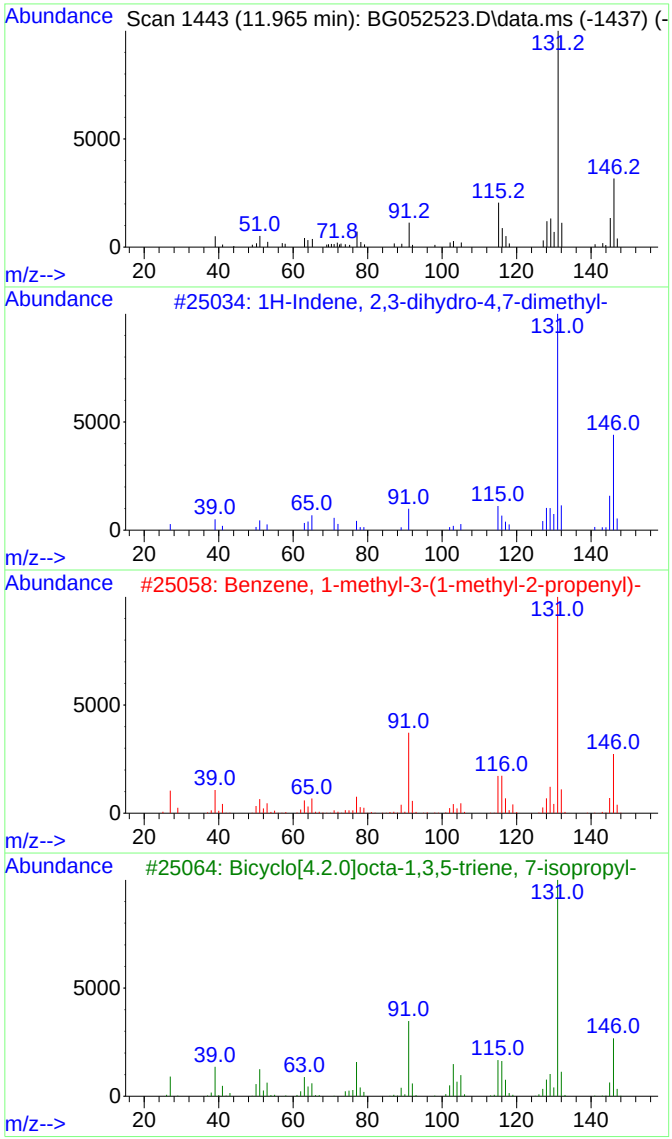
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

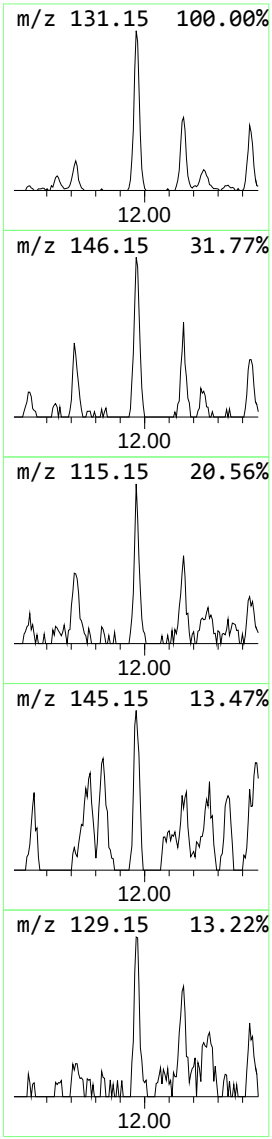
****

Peak Number 11 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.965	3.84 ng	80476	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	96
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	91
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	91
4	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	90
5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

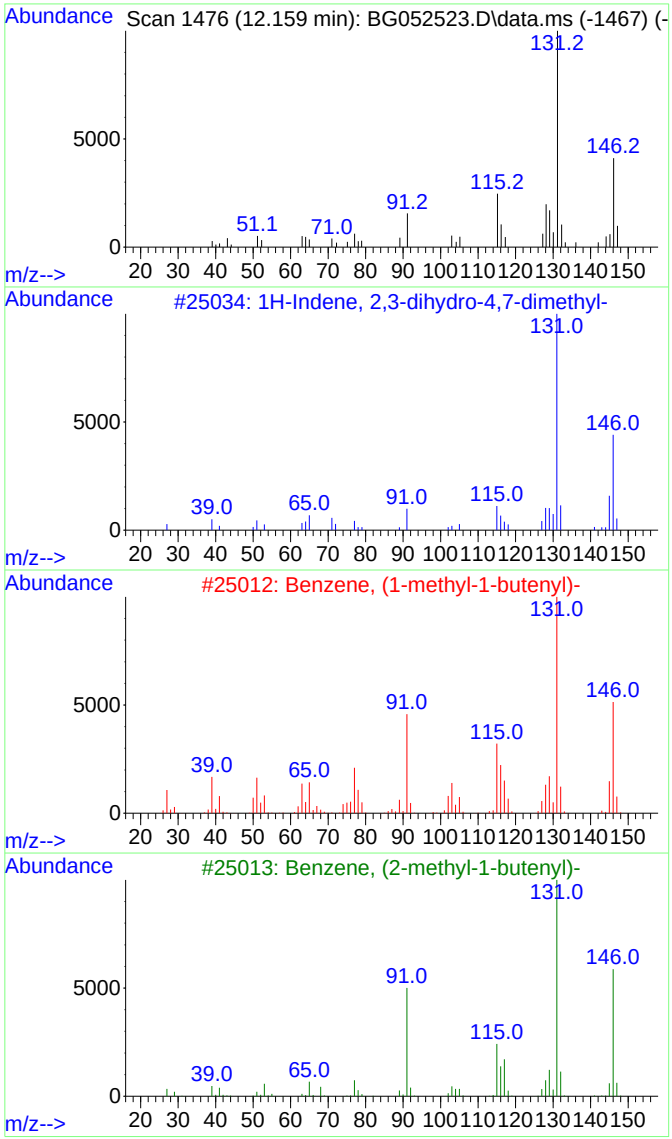
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

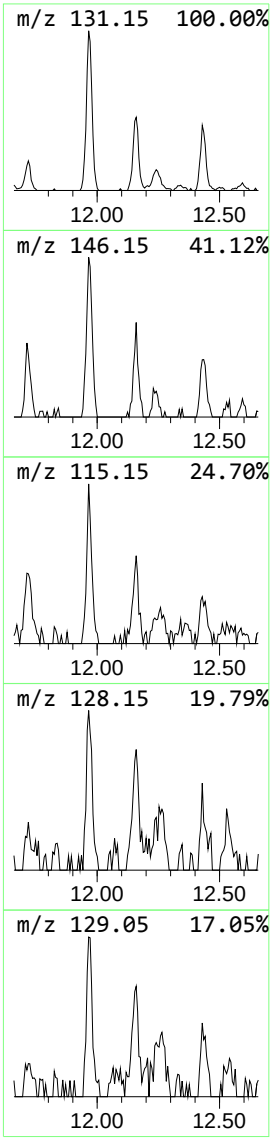
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, (1-methyl-1-butenyl)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.159	2.06 ng	43139	Naphthalene-d8	11.055

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	87
2	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	83
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	83
5	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030122\
Data File : BG052523.D
Acq On : 1 Mar 2022 17:40
Operator : CG/JU
Sample : N1688-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-24

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclopentene, 1...	4.839	2.7	ng	25458	1	8.217	186254	20.0
Indane	8.599	3.2	ng	29631	1	8.217	186254	20.0
Benzene, 1,3-di...	8.717	15.7	ng	146456	1	8.217	186254	20.0
Tetracyclo[3.3....	8.869	11.5	ng	107020	1	8.217	186254	20.0
Benzene, (1-met...	9.034	5.2	ng	48689	1	8.217	186254	20.0
Benzene, 1-meth...	9.339	9.9	ng	92671	1	8.217	186254	20.0
Benzene, 1,2,4,...	9.868	10.3	ng	216822	2	11.055	419331	20.0
Benzene, 1,2,3,...	9.927	2.3	ng	48981	2	11.055	419331	20.0
Benzene, (1-met...	10.450	2.7	ng	56380	2	11.055	419331	20.0
Benzene, (1,2-d...	11.166	4.8	ng	99524	2	11.055	419331	20.0
1H-Indene, 2,3-...	11.965	3.8	ng	80476	2	11.055	419331	20.0
Benzene, (1-met...	12.159	2.1	ng	43139	2	11.055	419331	20.0