LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PH1-BOT-16

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG054176.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.727	53	58	60	rBV2	10880	18022	1.17%	0.246%
2	3.910	81	89	96	rBV3	12118	25948	1.69%	0.354%
3	4.221	135	142	145	rBV4	9851	18167	1.18%	0.248%
4	4.250	145	147	156	rVB4	9970	18831	1.23%	0.257%
5	4.421	170	176	179	rBV3	7655	15530	1.01%	0.212%
6	4.462	179	183	189	rVB	16443	27666	1.80%	0.378%
7	4.556	195	199	209	rVB3	19663	39887	2.60%	0.545%
8	4.709	221	225	233	rVB2	24591	46405	3.02%	0.634%
9	4.797	233	240	245	rBV4	11204	24476	1.60%	0.334%
10	4.885	251	255	265	rVB4	10272	22515	1.47%	0.307%
11	4.997	265	274	280	rBV	33607	61557	4.01%	0.841%
12	5.091	285	290	296	rVV	18282	33833	2.21%	0.462%
13	5.161	296	302	307	rVB4	9925	20325	1.32%	0.278%
14	5.261	313	319	325	rBV	70693	134957	8.80%	1.843%
15	5.378	334	339	346	rVB2	11185	21633	1.41%	0.295%
16	5.461	346	353	355	rVV3	8959	17268	1.13%	0.236%
17	5.496	355	359	368	rVB2	23514	43307	2.82%	0.591%
18	5.637	374	383	395	rVB	239592	434947	28.35%	5.940%
19	5.755	395	403	412	rBV4	7871	21760	1.42%	0.297%
20	5.866	413	422	428	rVB2	13276	26269	1.71%	0.359%
21	5.937	428	434	442	rBV3	22543	51845	3.38%	0.708%
22	6.019	442	448	453	rVV2	27876	55423	3.61%	0.757%
23	6.084	455	459	466	rVB2	15896	29498	1.92%	0.403%
24	6.160	466	472	478	rBV3	10994	19584	1.28%	0.267%
25	6.336	495	502	510	rBV5	25962	70200	4.58%	0.959%
26	6.571	533	542	546	rBV7	20029	58823	3.83%	0.803%
27	6.618	546	550	555	rVB	31971	47780	3.11%	0.652%
28	6.700	555	564	568	rBV4	28893	74243	4.84%	1.014%
29	6.883	590	595	600	rVV3	9342	16051	1.05%	0.219%
30	7.229	645	654	666	rVB	256528	509055	33.18%	6.952%
31	7.453	688	692	696	rVV3	8716	15974	1.04%	0.218%
32	7.517	696	703	706	rVV5	8774	21512	1.40%	0.294%
33	7.552	706	709	717	rVV5	11761	28096	1.83%	0.384%
34	7.623	717	721	732	rVB6	9397	24398	1.59%	0.333%
35	8.064	789	796	803	rVB	65150	116629	7.60%	1.593%
36	9.221	987	993	1008	rVB	151504	297553	19.39%	4.063%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

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-BG061322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.872	1265	1274	1282	rBV	82481	157172	10.24%	2.146%
38	13.316	1682	1690	1704	rBB	482858	790077	51.49%	10.790%
39	14.691	1917	1924	1932	rVB	150039	242294	15.79%	3.309%
40	16.178	2170	2177	2187	rBV2	445593	725336	47.27%	9.905%
41	17.435	2384	2391	2401	rBV	222002	337450	21.99%	4.608%
42	18.316	2537	2541	2552	rBV3	15716	26149	1.70%	0.357%
43	20.044	2828	2835	2841	rVB	1108274	1534301	100.00%	20.953%
44	21.342	3051	3056	3069	rBV	56009	92411	6.02%	1.262%
45	21.706	3111	3118	3125	rBV2	255944	436338	28.44%	5.959%
46	22.523	3255	3257	3270	rVB2	13107	28258	1.84%	0.386%
47	24.961	3661	3672	3686	rVB2	149356	442872	28.86%	6.048%

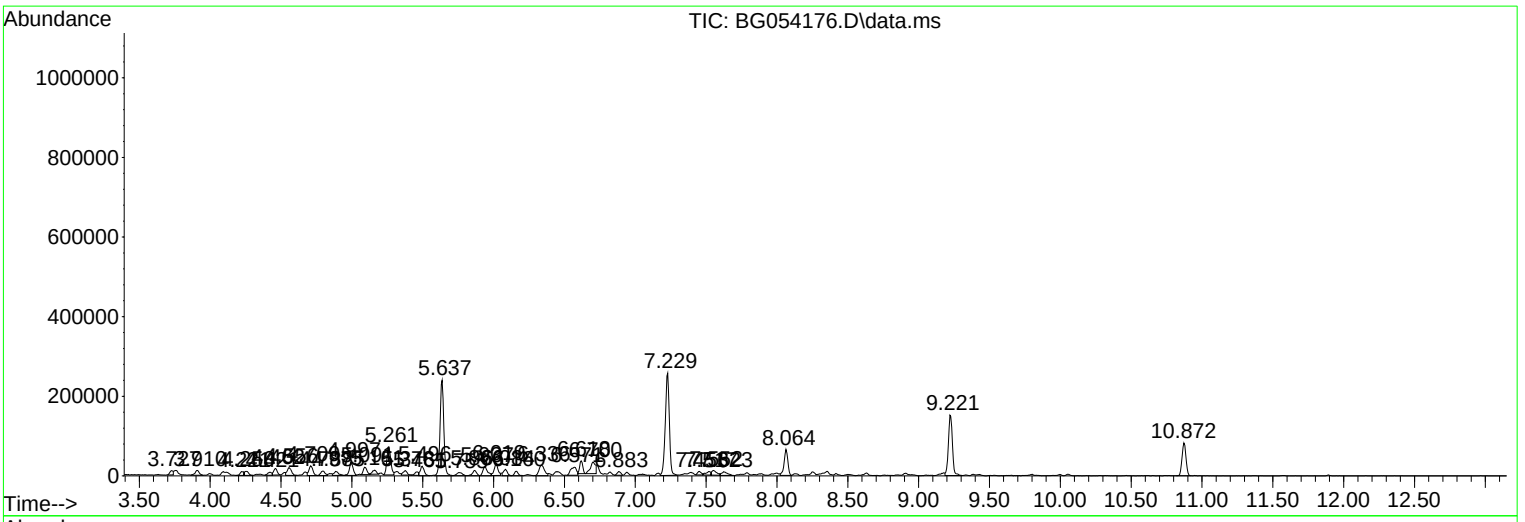
Sum of corrected areas: 7322625

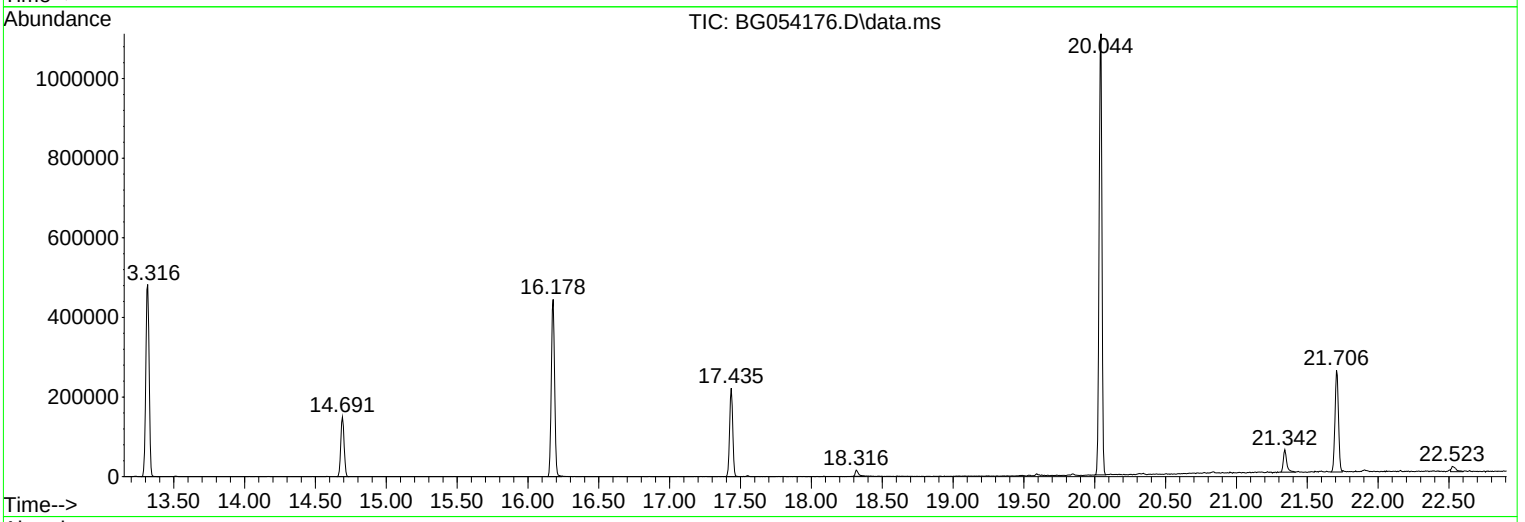
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

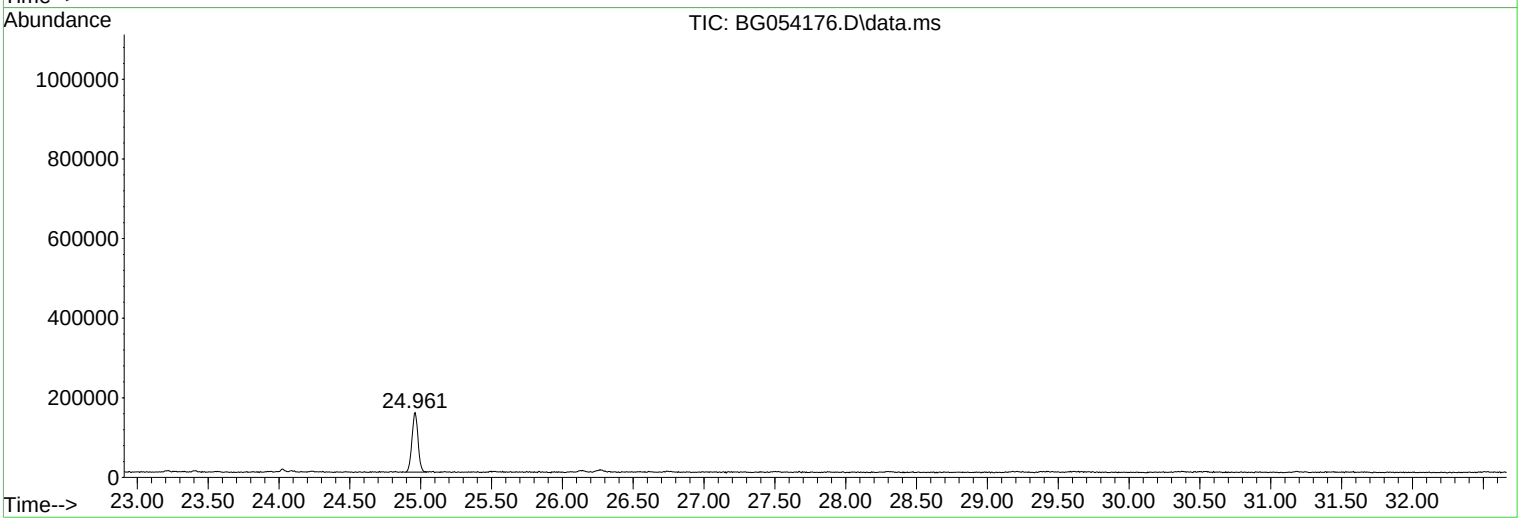
Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

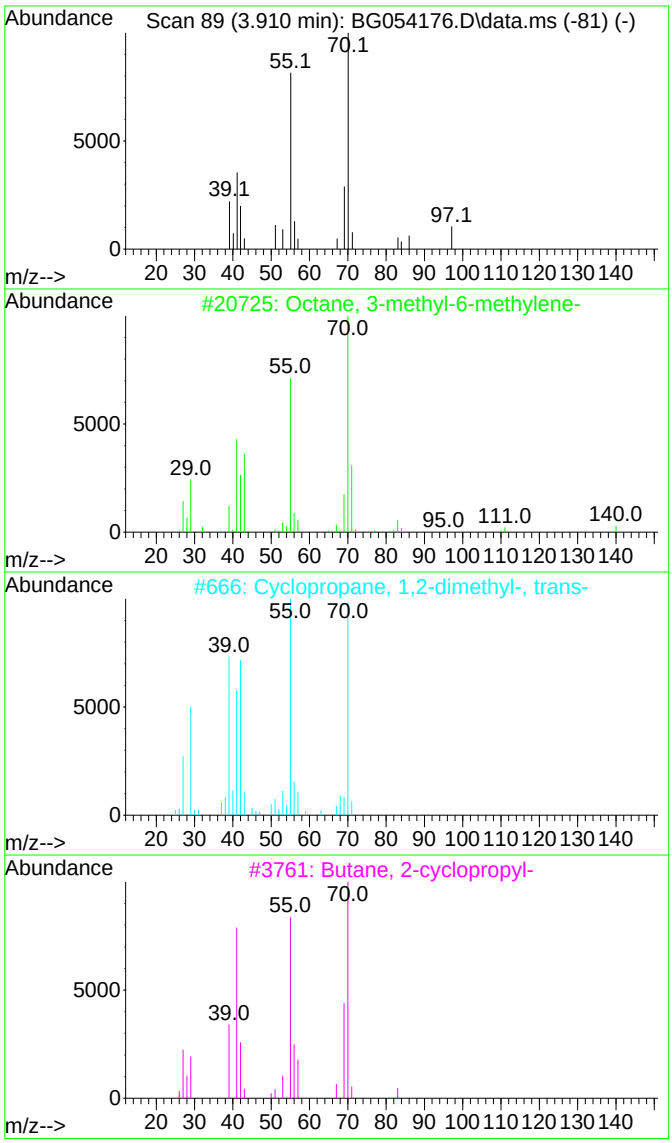
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

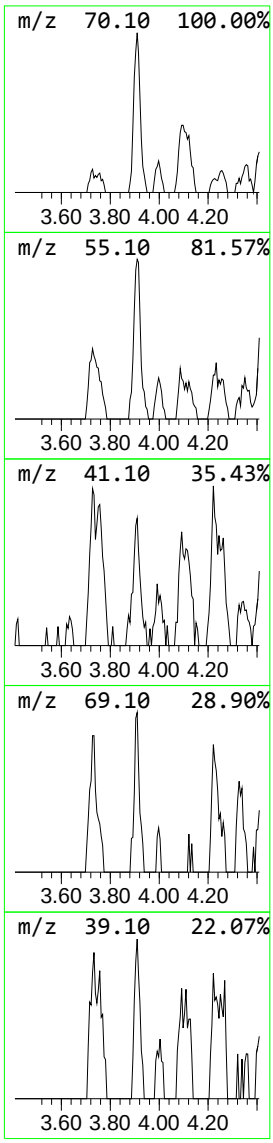
****

Peak Number 1 Octane, 3-methyl-6-methylene- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.910	4.45 ng	25948	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	64
2	Cyclopropane, 1,2-dimethyl-, trans-	70	C5H10	002402-06-4	64
3	Butane, 2-cyclopropyl-	98	C7H14	005750-02-7	50
4	Cyclopropane, 1,1-dimethyl-	70	C5H10	001630-94-0	40
5	Isopropylcyclobutane	98	C7H14	000872-56-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

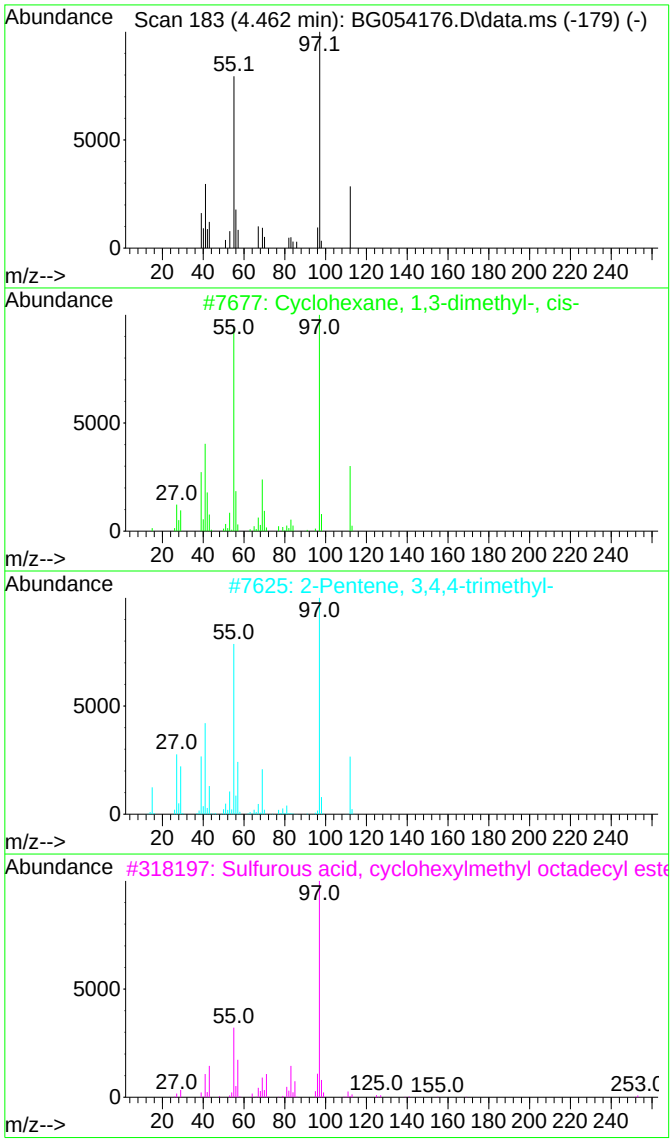
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

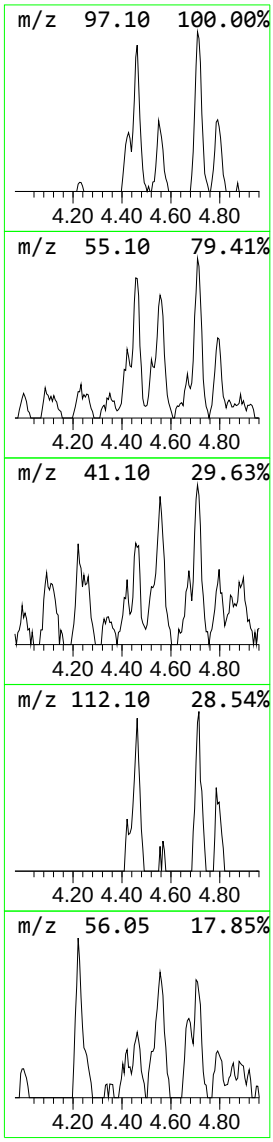
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.462	4.74 ng	27666	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	72
2	2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	72
3	Sulfurous acid, cyclohexylmethyl...	430	C25H50O3S	1000309-22-6	64
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50
5	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

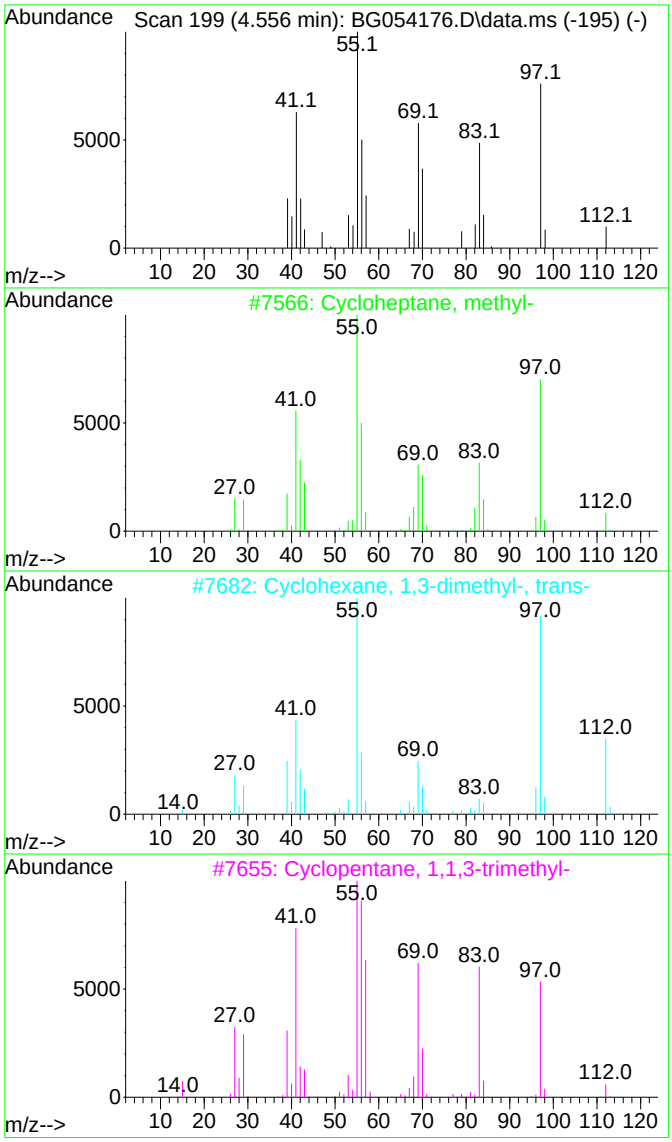
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

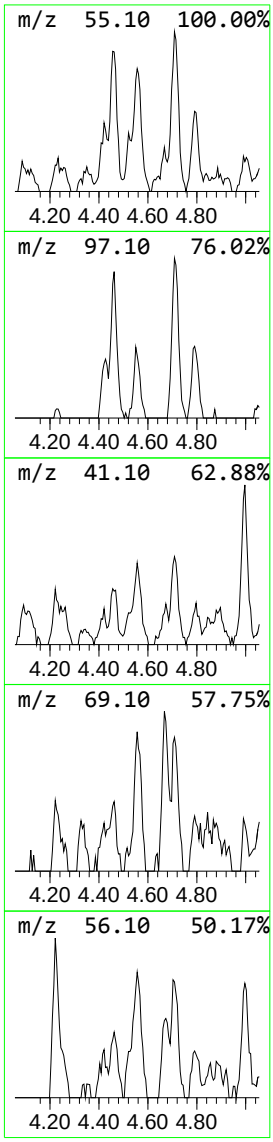
****

Peak Number 3 Cycloheptane, methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.556	6.84 ng	39887	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloheptane, methyl-	112	C8H16	004126-78-7	74
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	52
3	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	46
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	45
5	1,2-Cyclohexanedione	112	C6H8O2	000765-87-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

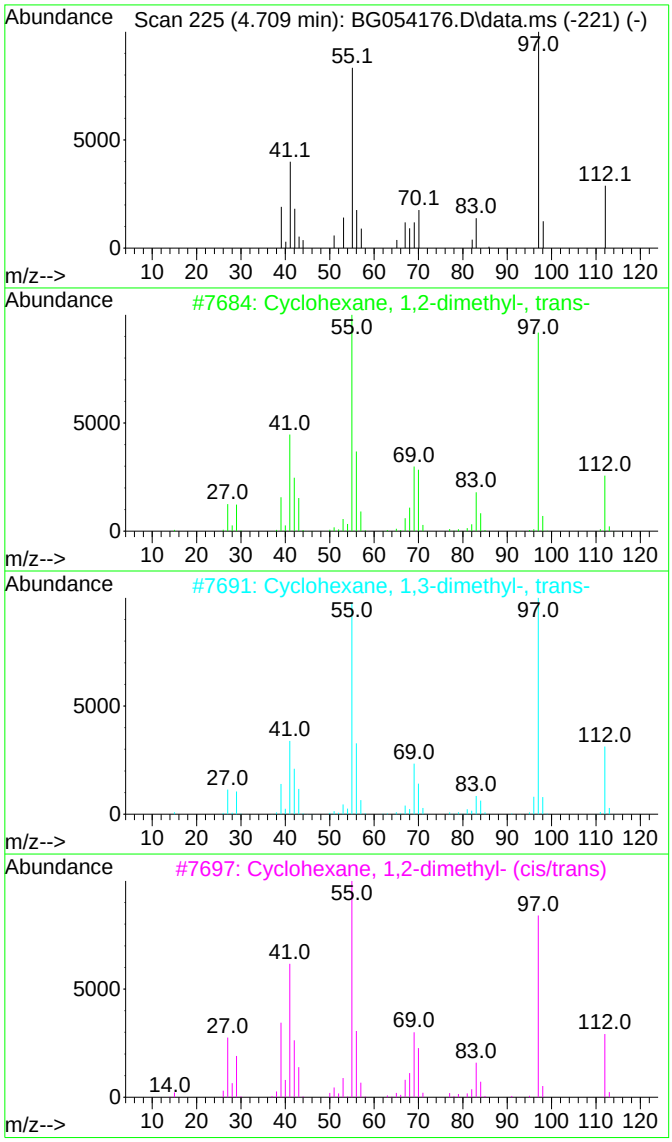
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

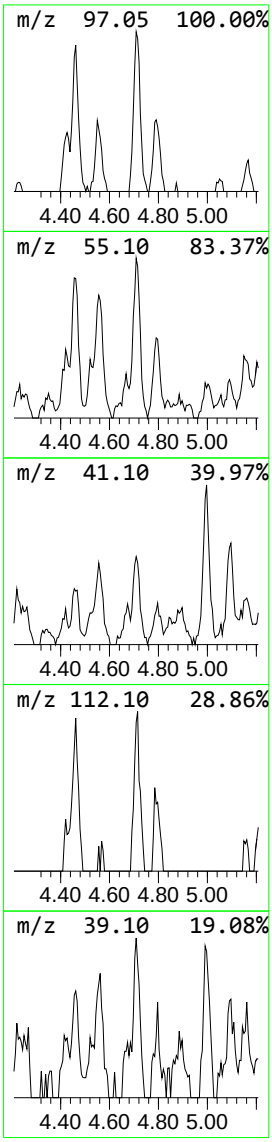
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.709	7.96 ng	46405	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	86
2	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	80
3	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	80
4	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	74
5	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

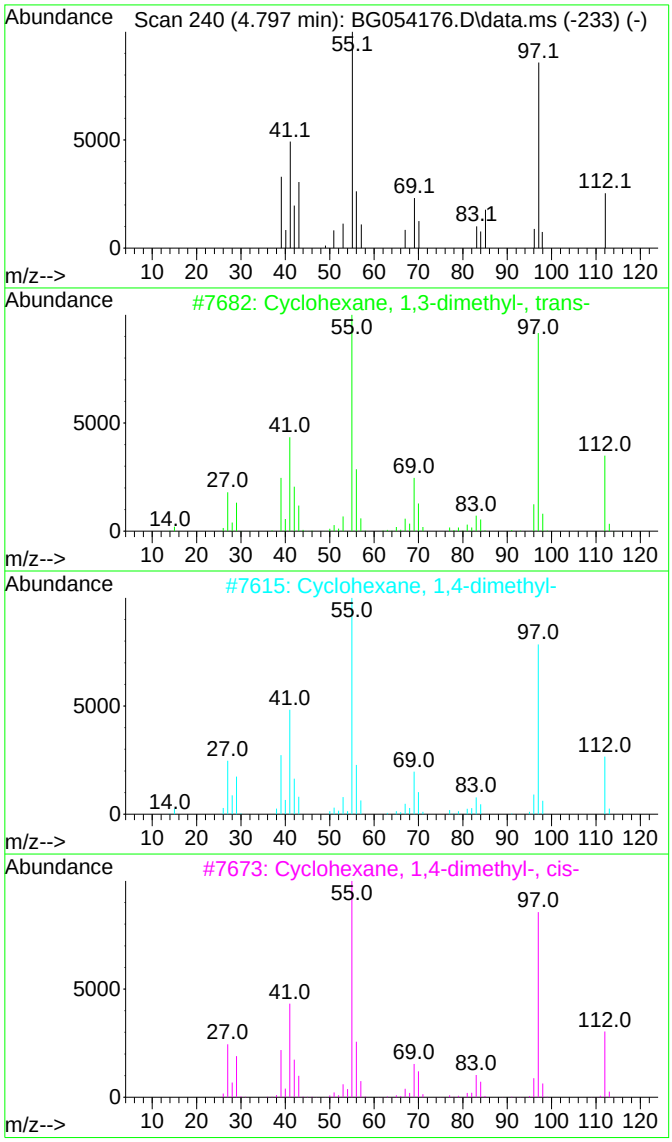
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

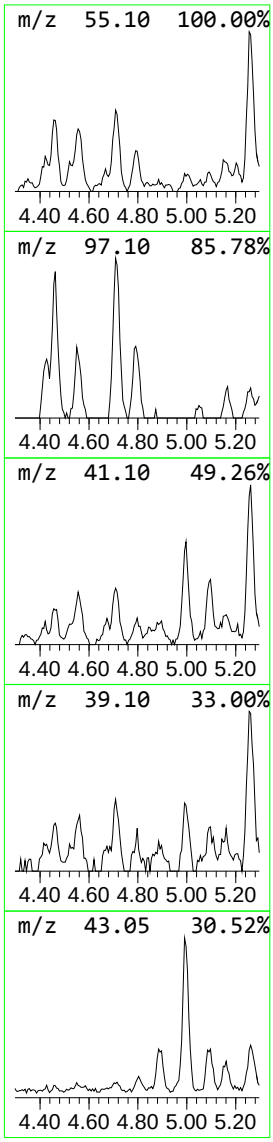
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.797	4.20 ng	24476	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	95
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	94
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	91
4	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

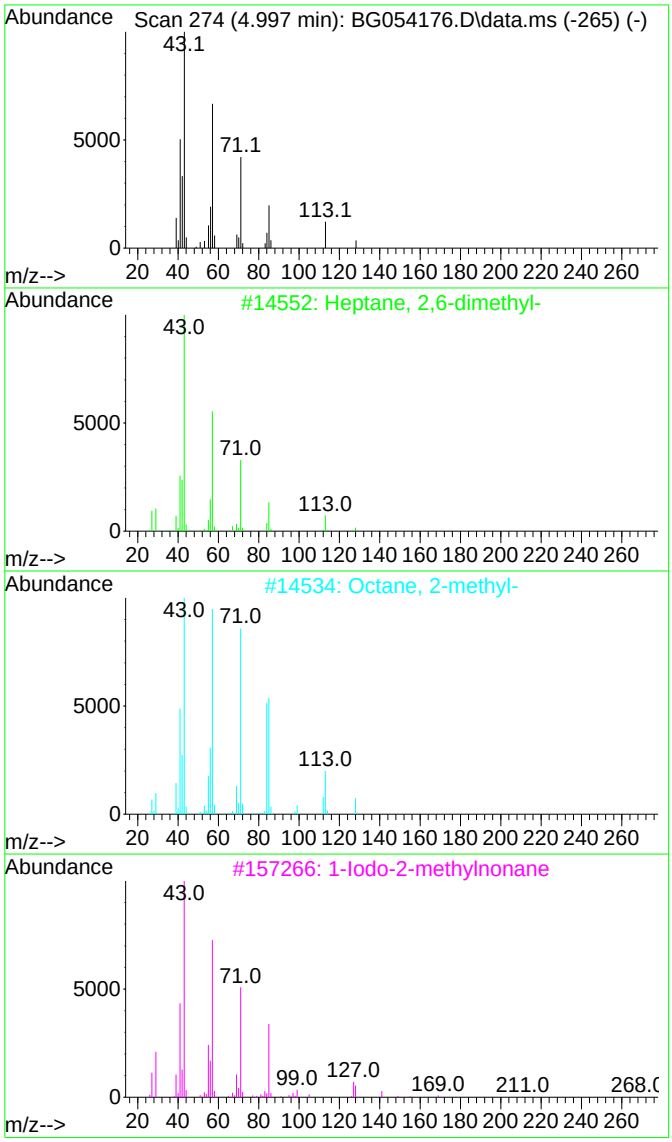
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

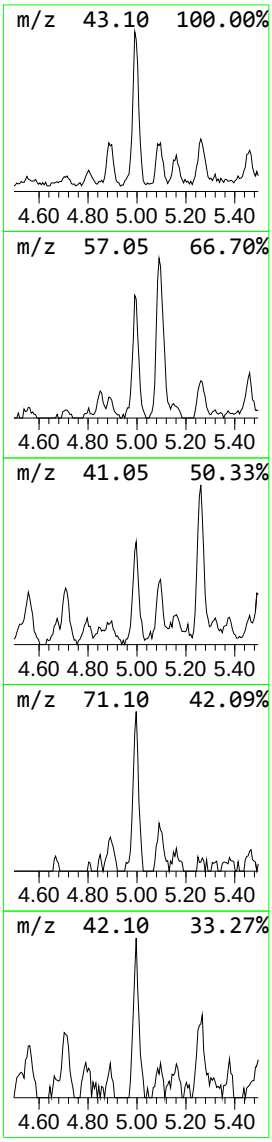
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Heptane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.997	10.56 ng	61557	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	78
3	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	64
4	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	59
5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

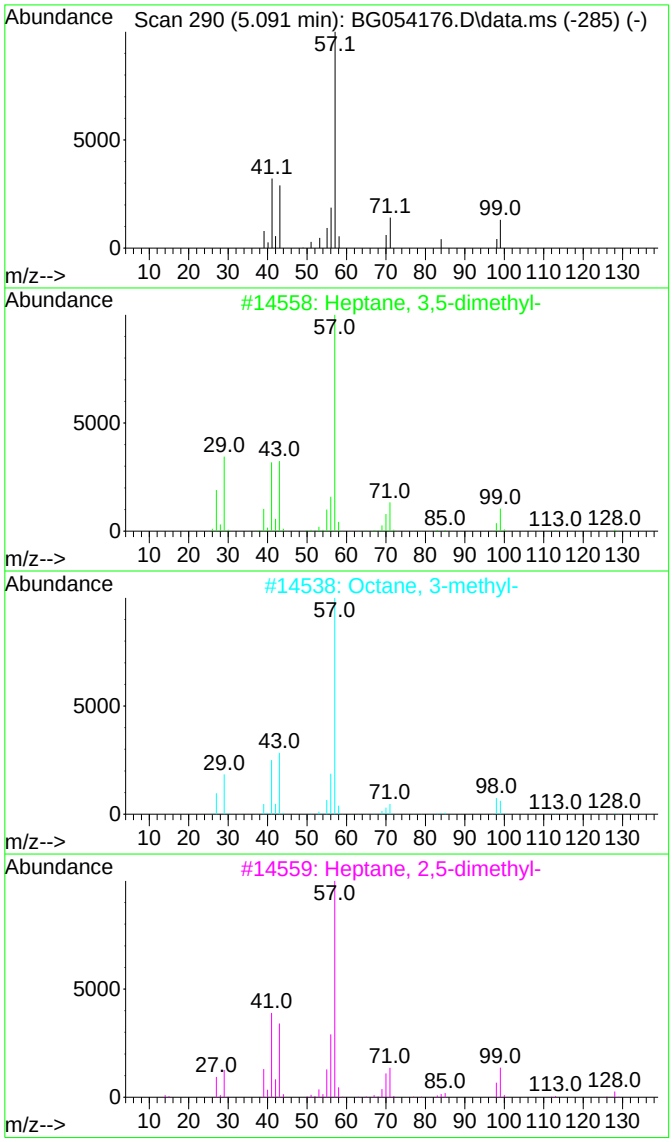
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

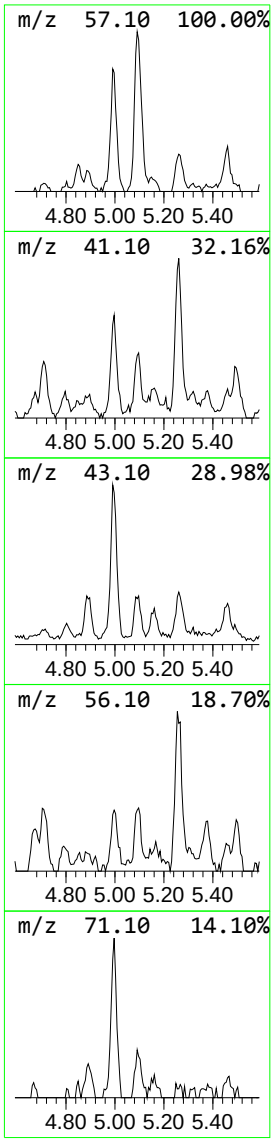
****

Peak Number 7 Heptane, 3,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.091	5.80 ng	33833	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	78
2	Octane, 3-methyl-	128	C9H20	002216-33-3	59
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
4	Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	45
5	Heptane, 2-bromo-	178	C7H15Br	001974-04-5	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

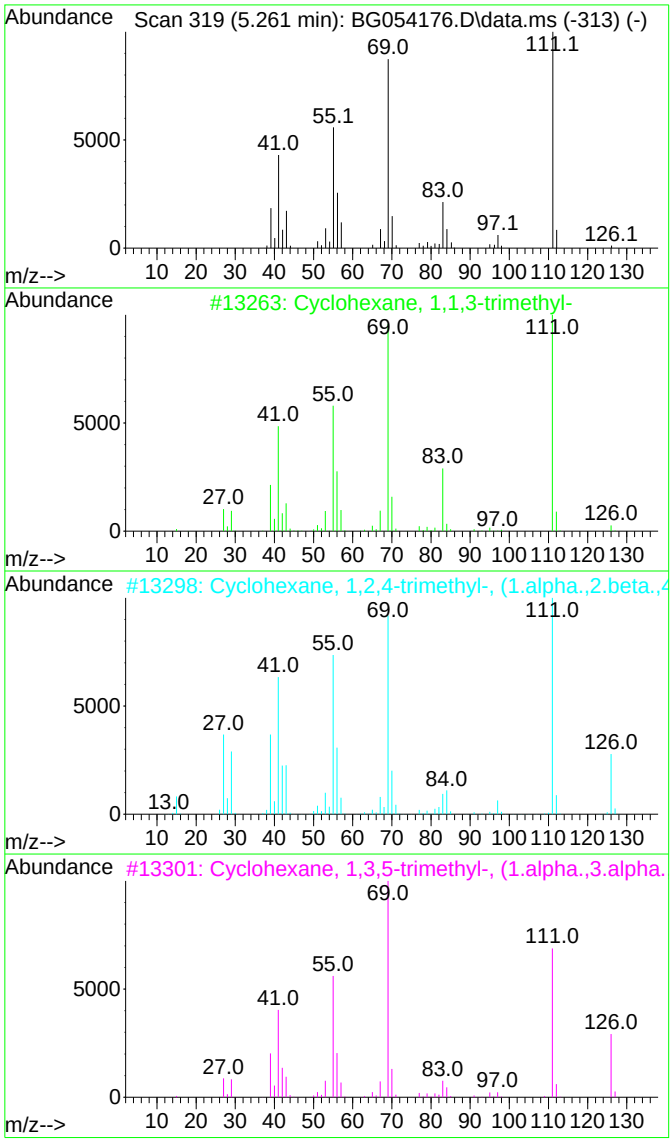
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

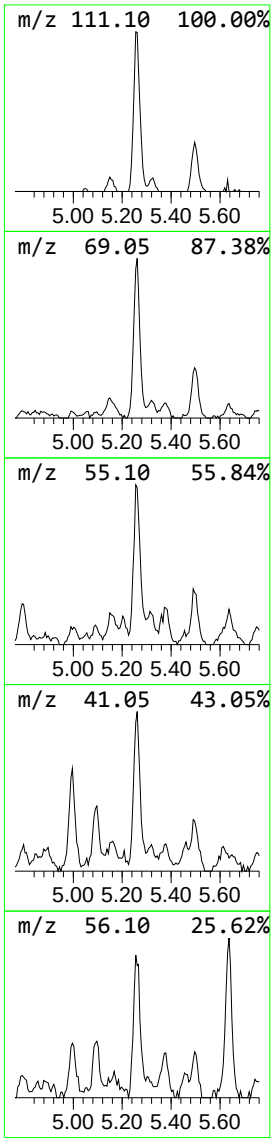
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.261	23.14 ng	134957	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	78
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	72
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	53





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Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

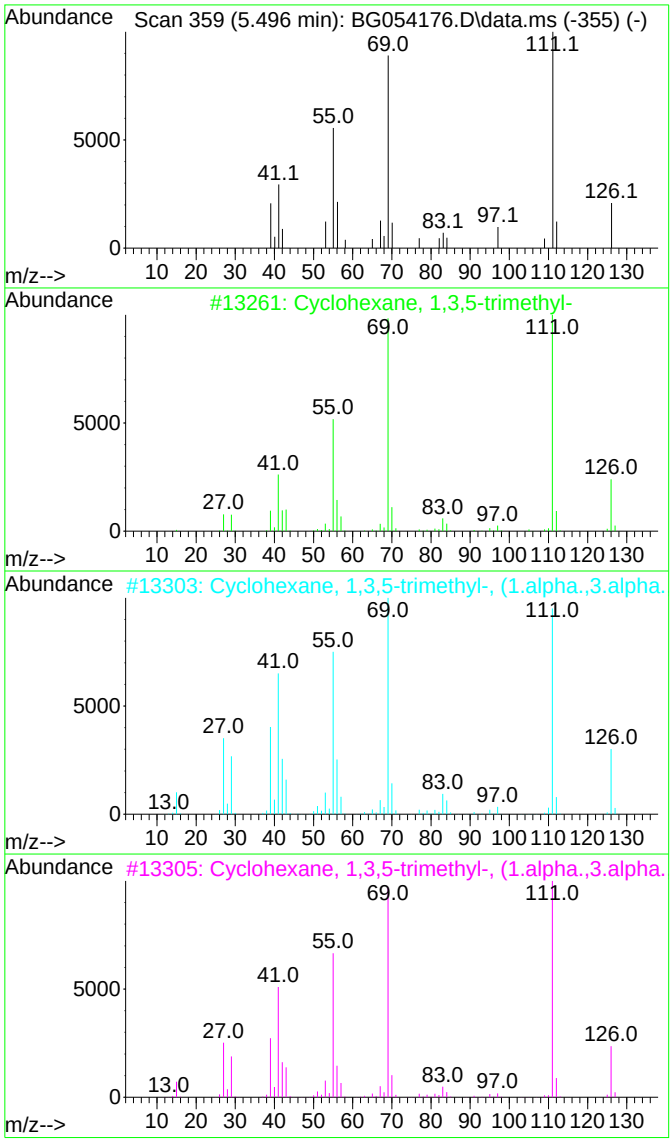
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

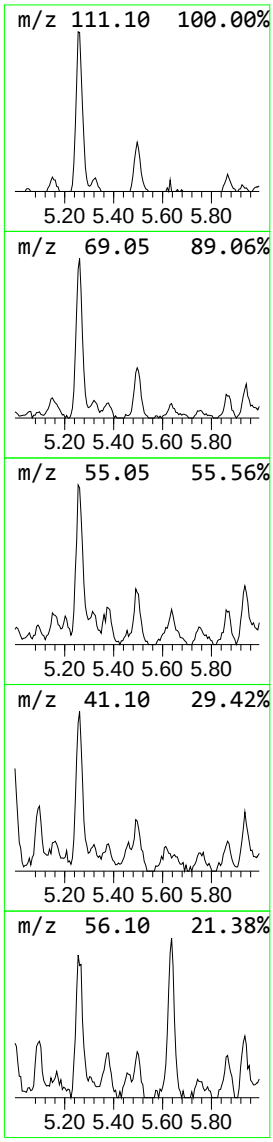
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Cyclohexane, 1,3,5-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.496	7.43 ng	43307	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	87
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	80
3	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	80
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	80
5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72





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Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

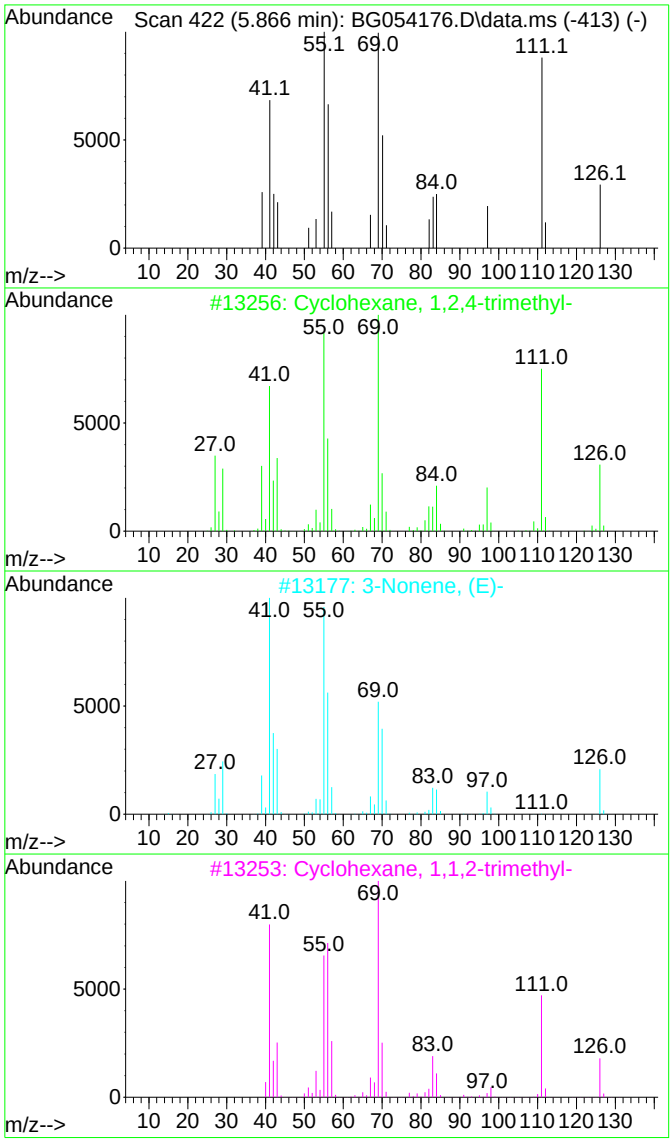
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

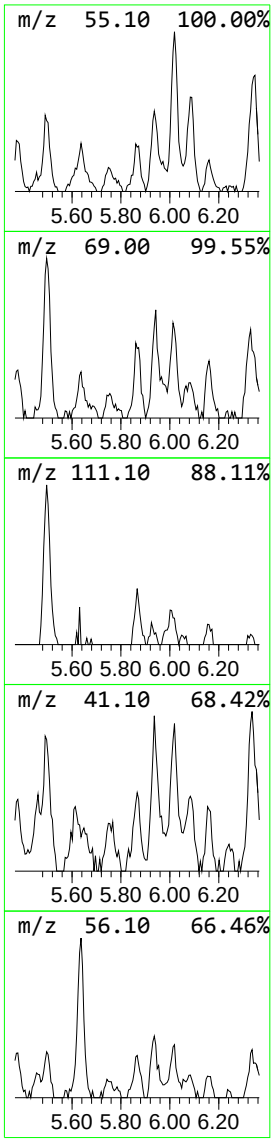
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.866	4.50 ng	26269	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	90
2	3-Nonene, (E)-	126	C9H18	020063-92-7	76
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	72
4	cis-2-Nonene	126	C9H18	006434-77-1	55
5	3-Nonene	126	C9H18	020063-77-8	50





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Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

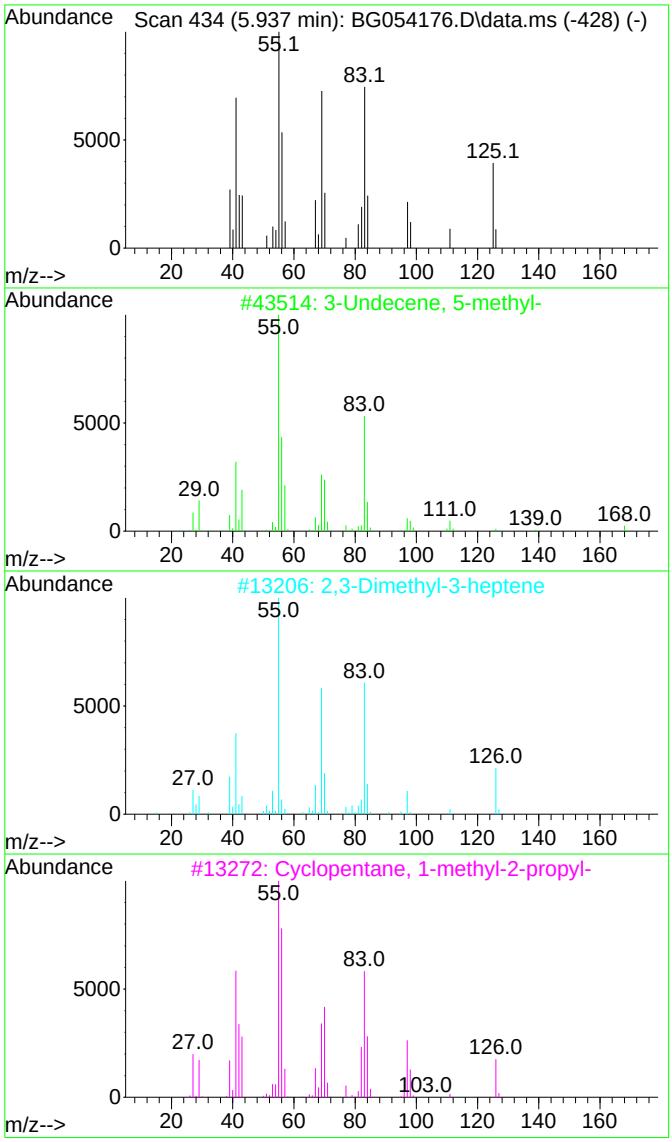
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

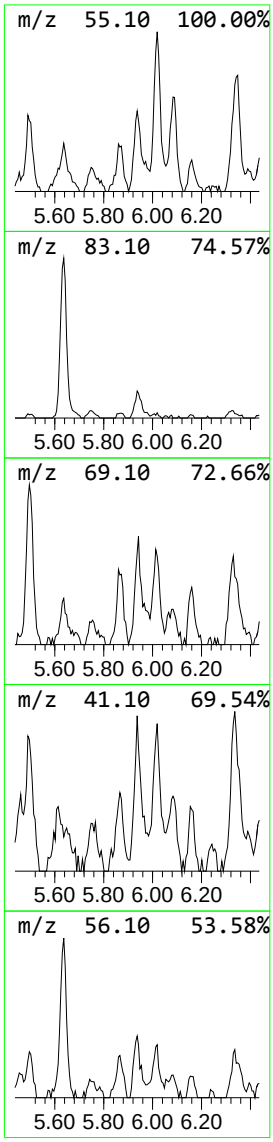
****

Peak Number 11 3-Undecene, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.937	8.89 ng	51845	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	50
2	2,3-Dimethyl-3-heptene	126	C9H18	1000113-49-3	47
3	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	46
4	Cyclopentanone, 2,4,4-trimethyl-	126	C8H14O	004694-12-6	43
5	2-Nonene, (E)-	126	C9H18	006434-78-2	38





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Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

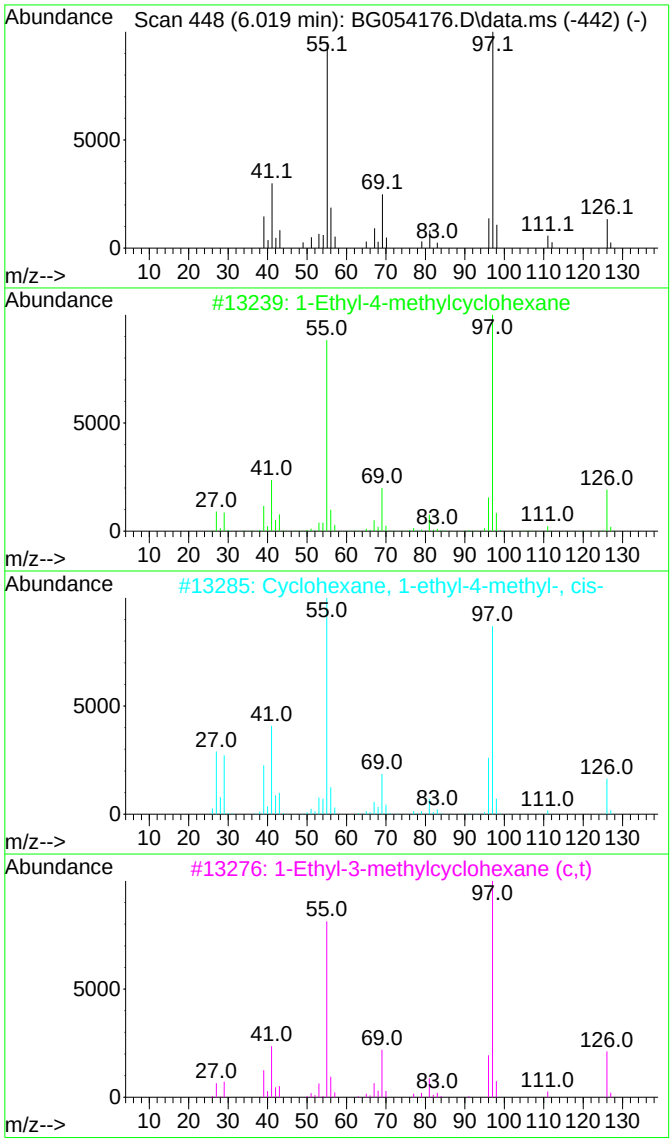
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

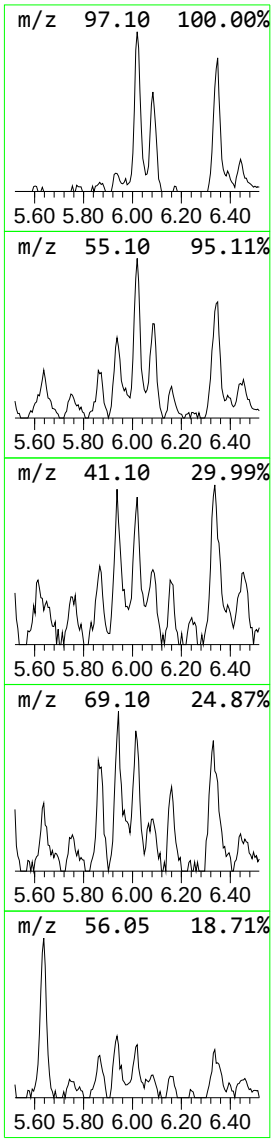
****

Peak Number 12 1-Ethyl-4-methylcyclohexane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.019	9.50 ng	55423	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	90
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	86
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
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Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

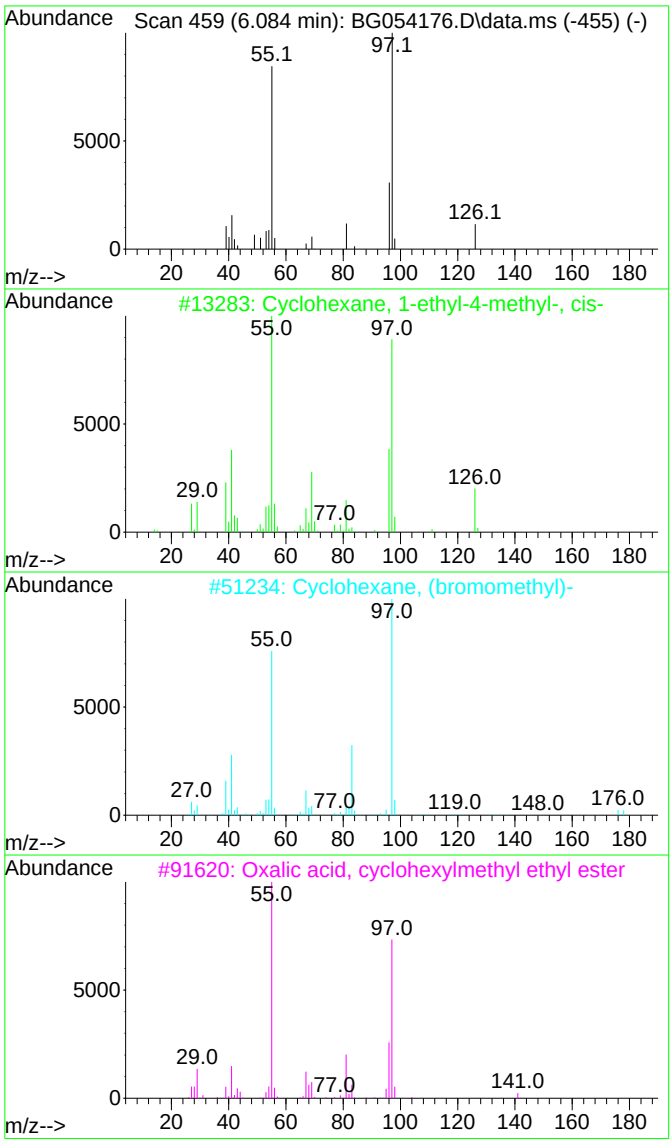
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

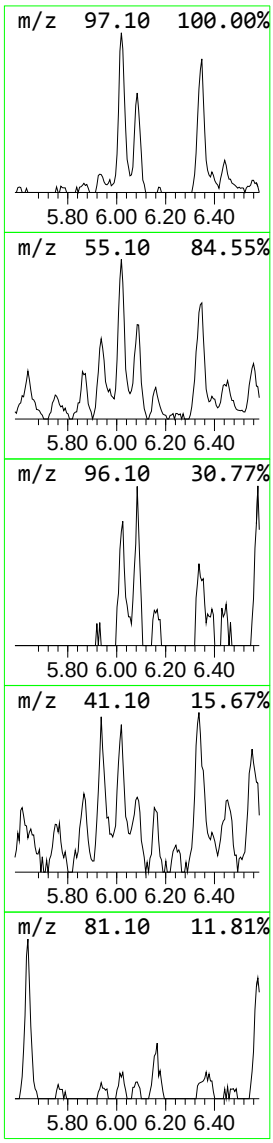
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.084	5.06 ng	29498	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	72
2	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	53
3	Oxalic acid, cyclohexylmethyl et...	214	C11H18O4	1000309-68-0	50
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	42
5	Oxalic acid, di(cyclohexylmethyl...	282	C16H26O4	1000309-68-5	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

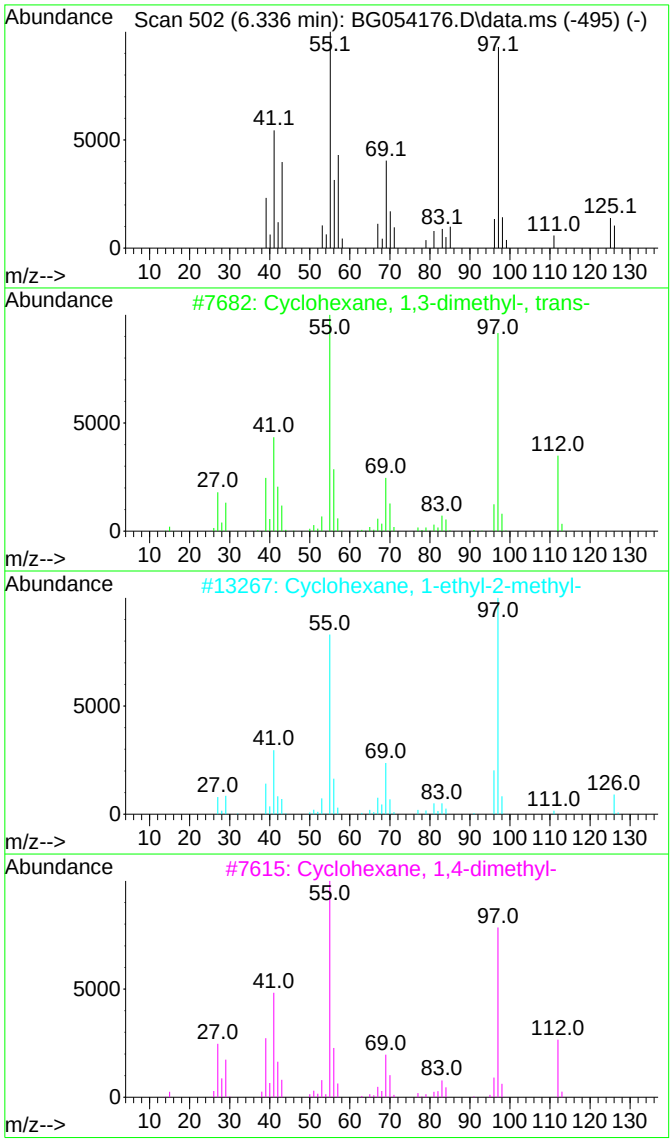
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

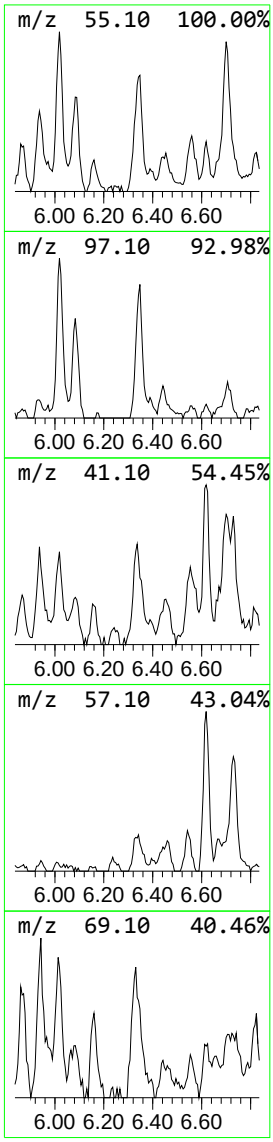
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.336	12.04 ng	70200	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	64
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	62
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	59
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	59
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58





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Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

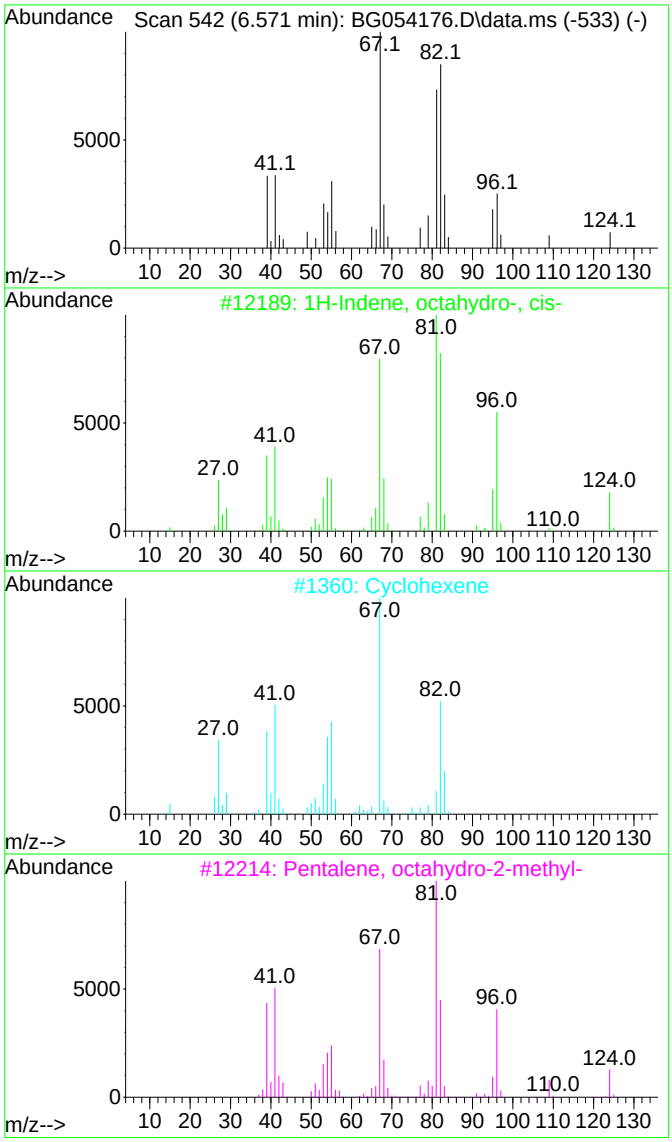
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

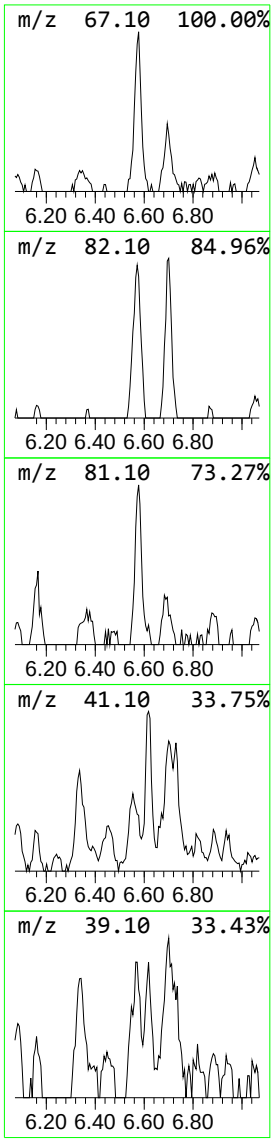
****

Peak Number 15 1H-Indene, octahydro-, cis- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.571	10.09 ng	58823	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, octahydro-, cis-	124	C9H16	004551-51-3	50
2	Cyclohexene	82	C6H10	000110-83-8	49
3	Pentalene, octahydro-2-methyl-	124	C9H16	003868-64-2	46
4	Cyclohexene, 4-methyl-	96	C7H12	000591-47-9	45
5	1-Tetradecyne	194	C14H26	000765-10-6	43





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Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

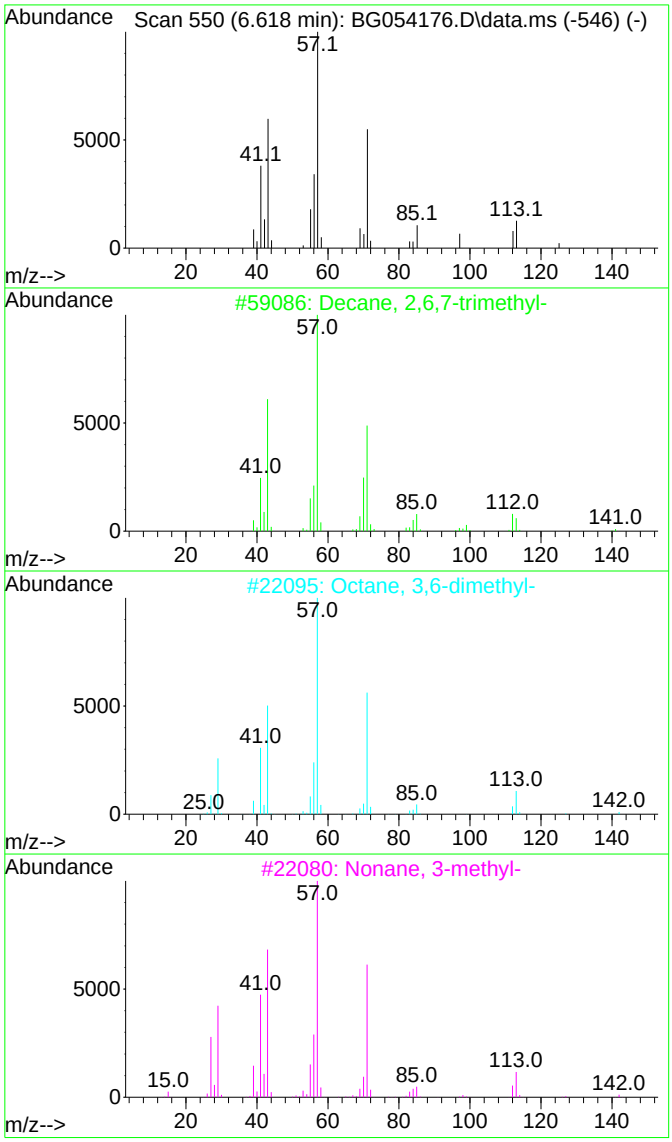
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

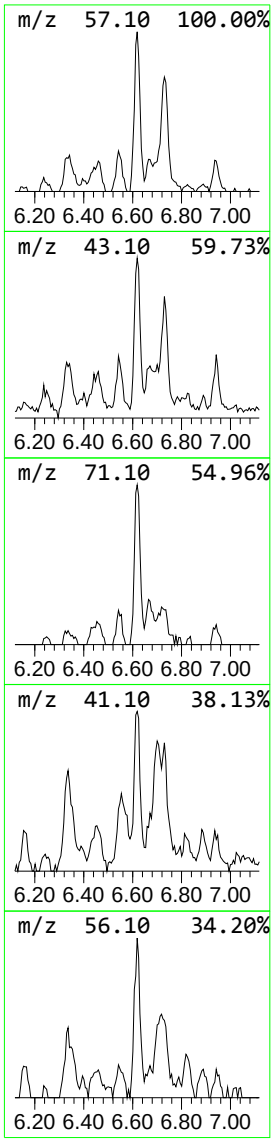
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Decane, 2,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.618	8.19 ng	47780	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59





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Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

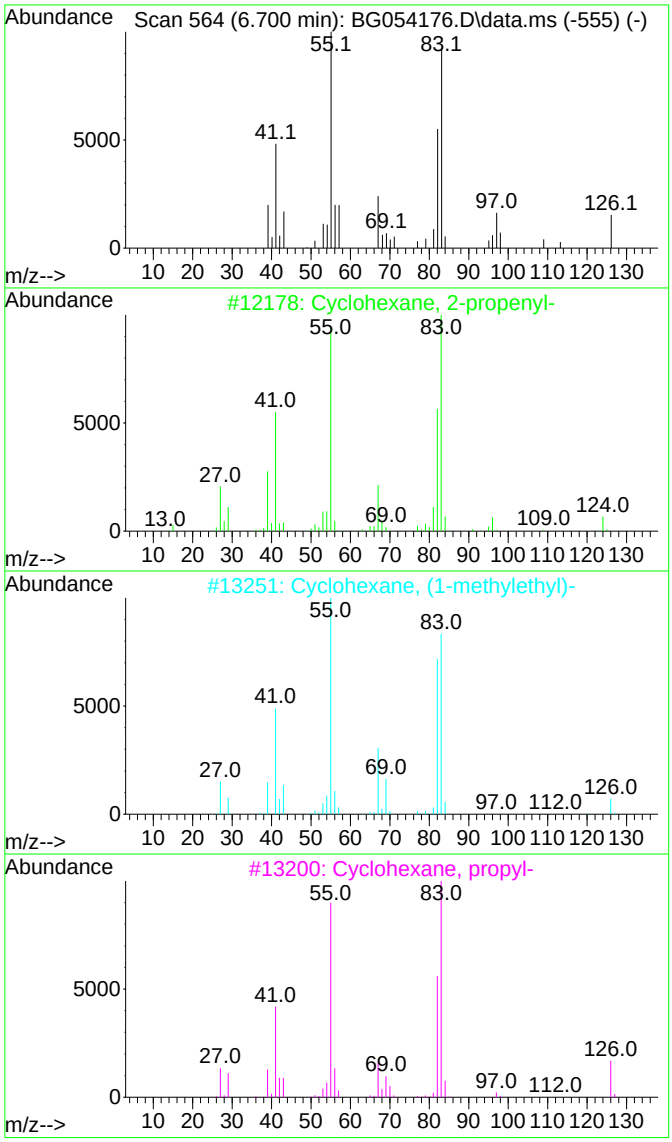
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

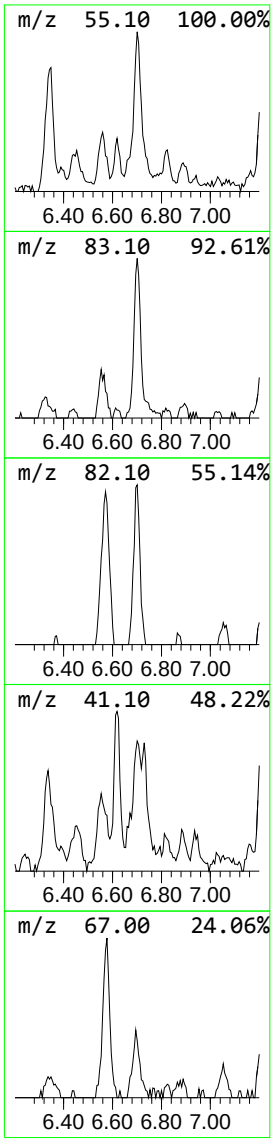
****

Peak Number 17 Cyclohexane, 2-propenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.700	12.73 ng	74243	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
4	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	47
5	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	43





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Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

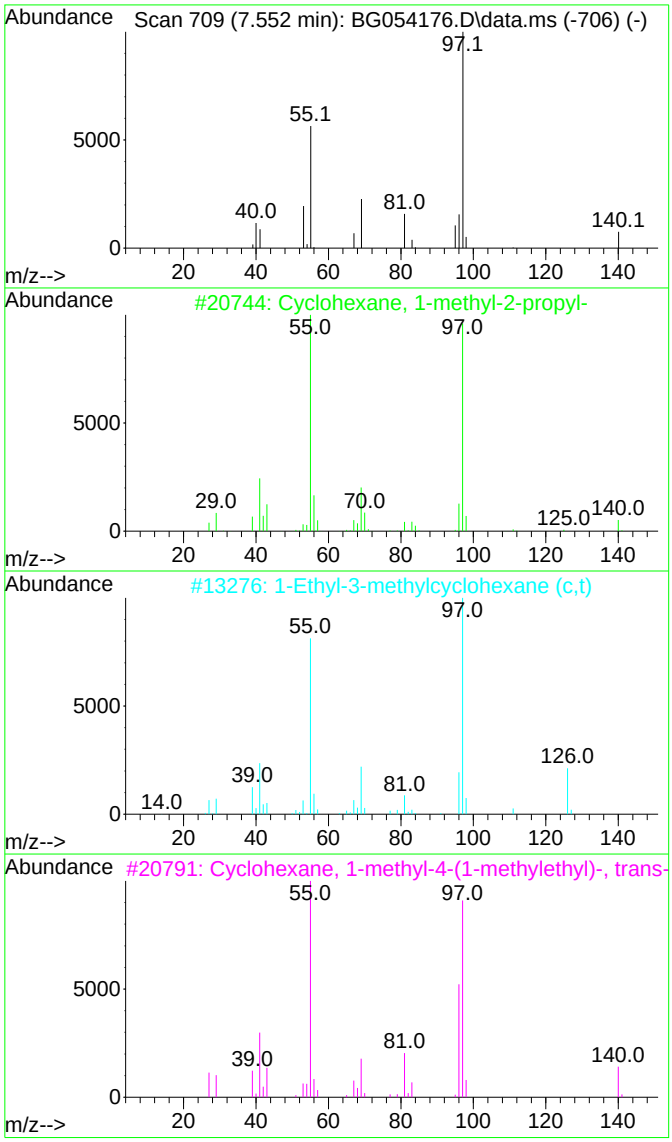
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

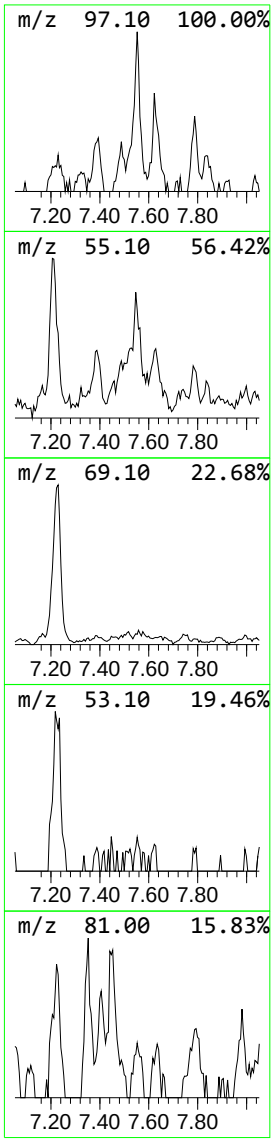
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclohexane, 1-methyl-2-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.552	4.82 ng	28096	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	50
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	45
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	42
4	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	42
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	42





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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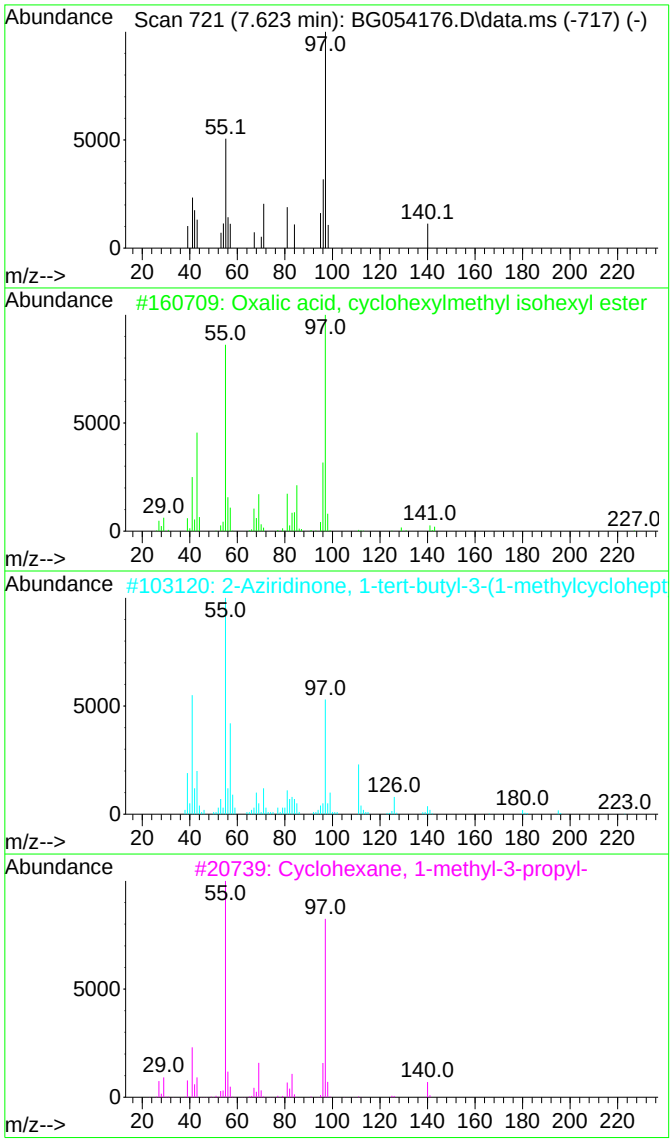
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

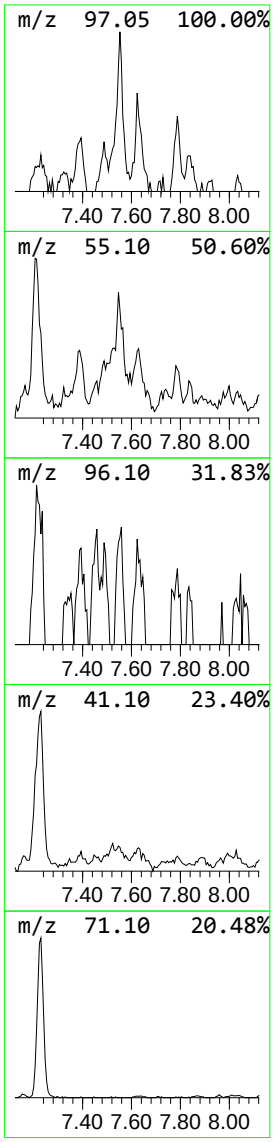
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Oxalic acid, cyclohexylmeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.623	4.18 ng	24398	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, cyclohexylmethyl is...	270	C15H26O4	1000309-68-3	64
2	2-Aziridinone, 1-tert-butyl-3-(1...	223	C14H25NO	026944-18-3	59
3	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	59
4	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	53
5	Sulfurous acid, cyclohexylmethyl...	402	C23H46O3S	1000309-22-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

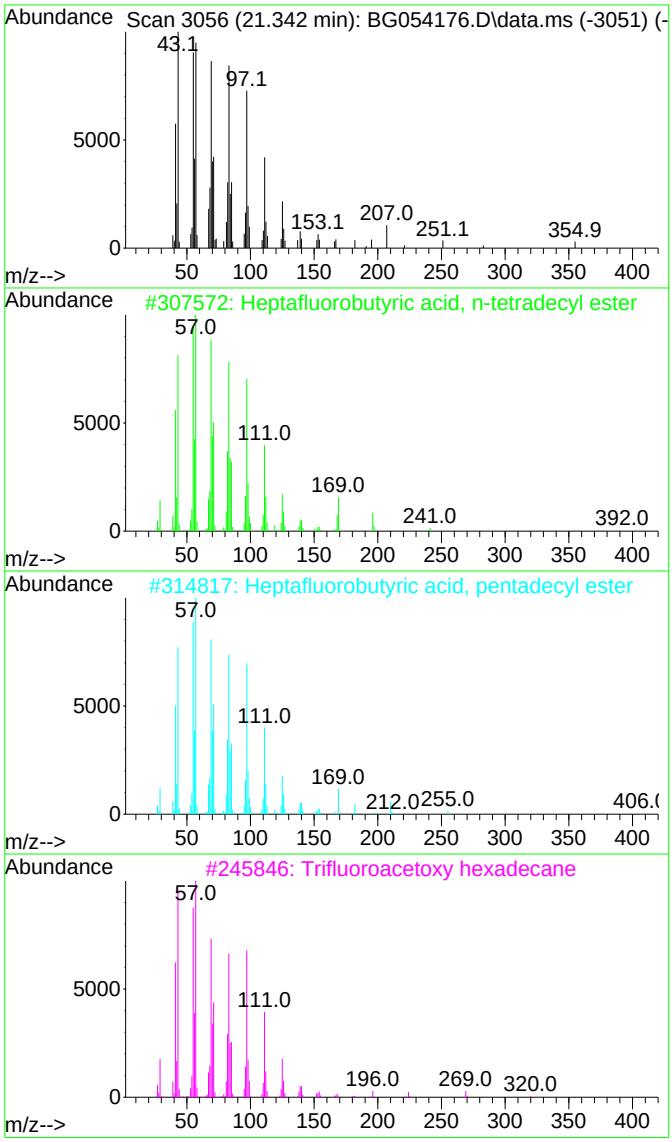
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

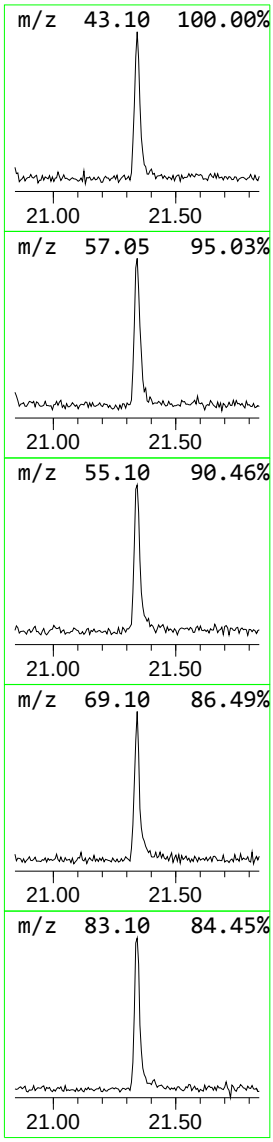
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Heptafluorobutyric acid, n-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.342	4.24 ng	92411	Chrysene-d12	21.706

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
2	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	95
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
5	1-Hexacosene	364	C26H52	018835-33-1	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG063022\
Data File : BG054176.D
Acq On : 30 Jun 2022 19:25
Operator : CG/JU
Sample : N3450-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PH1-BOT-16

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061322.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
Octane, 3-methy...	3.910	4.5	ng	25948	1	8.064	116629	20.0
Cyclohexane, 1,...	4.462	4.7	ng	27666	1	8.064	116629	20.0
Cycloheptane, m...	4.556	6.8	ng	39887	1	8.064	116629	20.0
Cyclohexane, 1,...	4.709	8.0	ng	46405	1	8.064	116629	20.0
Cyclohexane, 1,...	4.797	4.2	ng	24476	1	8.064	116629	20.0
Heptane, 2,6-di...	4.997	10.6	ng	61557	1	8.064	116629	20.0
Heptane, 3,5-di...	5.091	5.8	ng	33833	1	8.064	116629	20.0
Cyclohexane, 1,...	5.261	23.1	ng	134957	1	8.064	116629	20.0
Cyclohexane, 1,...	5.496	7.4	ng	43307	1	8.064	116629	20.0
Cyclohexane, 1,...	5.866	4.5	ng	26269	1	8.064	116629	20.0
3-Undecene, 5-m...	5.937	8.9	ng	51845	1	8.064	116629	20.0
1-Ethyl-4-methy...	6.019	9.5	ng	55423	1	8.064	116629	20.0
Cyclohexane, 1-...	6.084	5.1	ng	29498	1	8.064	116629	20.0
Cyclohexane, 1-...	6.336	12.0	ng	70200	1	8.064	116629	20.0
1H-Indene, octa...	6.571	10.1	ng	58823	1	8.064	116629	20.0
Decane, 2,6,7-t...	6.618	8.2	ng	47780	1	8.064	116629	20.0
Cyclohexane, 2-...	6.700	12.7	ng	74243	1	8.064	116629	20.0
Cyclohexane, 1-...	7.552	4.8	ng	28096	1	8.064	116629	20.0
Oxalic acid, cy...	7.623	4.2	ng	24398	1	8.064	116629	20.0
Heptafluorobuty...	21.342	4.2	ng	92411	5	21.706	436338	20.0