LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

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-BG060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053833.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	58	68	80	rBV	72581	168415	6.99%	1.456%
2	3.946	90	95	103	rVB2	15889	30202	1.25%	0.261%
3	4.028	105	109	118	rVB4	19122	37163	1.54%	0.321%
4	4.128	120	126	133	rBV3	9530	28836	1.20%	0.249%
5	4.457	175	182	187	rBV3	51668	106878	4.44%	0.924%
6	4.598	201	206	214	rVB4	24860	52253	2.17%	0.452%
7	4.745	226	231	239	rVB2	27927	52124	2.16%	0.451%
8	4.827	239	245	251	rBV2	14747	28431	1.18%	0.246%
9	5.027	273	279	285	rBV	25913	47942	1.99%	0.415%
10	5.121	291	295	301	rBV	15784	29951	1.24%	0.259%
11	5.185	301	306	310	rVV5	14327	31048	1.29%	0.268%
12	5.238	311	315	319	rVV	31402	51577	2.14%	0.446%
13	5.291	319	324	331	rVB3	36165	64985	2.70%	0.562%
14	5.532	361	365	373	rVB3	18657	35348	1.47%	0.306%
15	5.656	379	386	401	rVB	516166	893230	37.09%	7.724%
16	5.973	434	440	448	rVV5	12301	32725	1.36%	0.283%
17	6.055	448	454	461	rVV	20663	43742	1.82%	0.378%
18	6.372	501	508	516	rBV5	16382	40344	1.68%	0.349%
19	6.607	537	548	552	rBV7	10815	30835	1.28%	0.267%
20	6.737	561	570	573	rBV4	19003	38327	1.59%	0.331%
21	7.242	648	656	665	rVB	527338	944380	39.22%	8.166%
22	8.094	793	801	807	rVB	89473	162374	6.74%	1.404%
23	9.251	988	998	1015	rVB	312270	595596	24.73%	5.150%
24	10.902	1270	1279	1288	rVB	124004	232620	9.66%	2.012%
25	13.341	1687	1694	1706	rBV	912137	1481560	61.52%	12.811%
26	14.716	1921	1928	1936	rVB	216624	353284	14.67%	3.055%
27	16.196	2173	2180	2203	rBV	705579	1237096	51.37%	10.697%
28	17.453	2387	2394	2405	rBV	294936	462440	19.20%	3.999%
29	20.062	2832	2838	2845	rBV	1733148	2408100	100.00%	20.823%
30	20.421	2882	2899	2920	rBV4	62383	422135	17.53%	3.650%
31	20.826	2963	2968	2972	rVB	76234	94980	3.94%	0.821%
32	21.372	3057	3061	3071	rBV2	33560	64664	2.69%	0.559%
33	21.731	3115	3122	3129	rBV	312148	537706	22.33%	4.650%
34	23.564	3424	3434	3439	rBV5	33756	125199	5.20%	1.083%
35	24.998	3667	3678	3688	rBV2	177465	530233	22.02%	4.585%
36	27.307	4060	4071	4072	rBV5	25573	67694	2.81%	0.585%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

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-BG060222.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

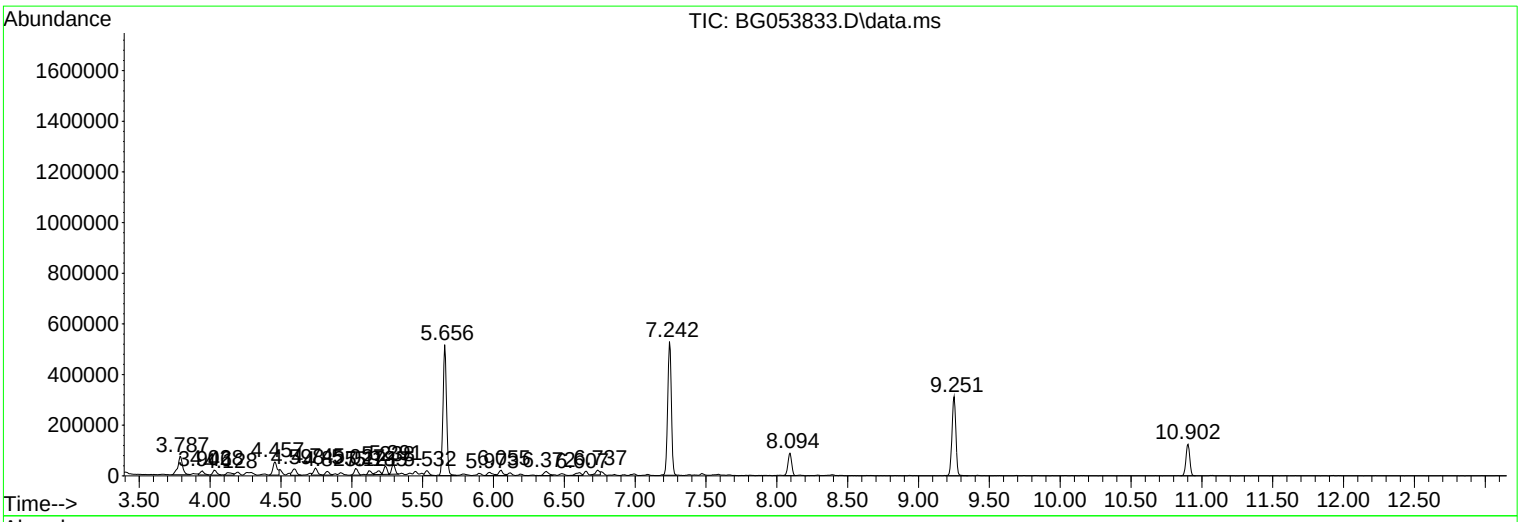
Sum of corrected areas: 11564417

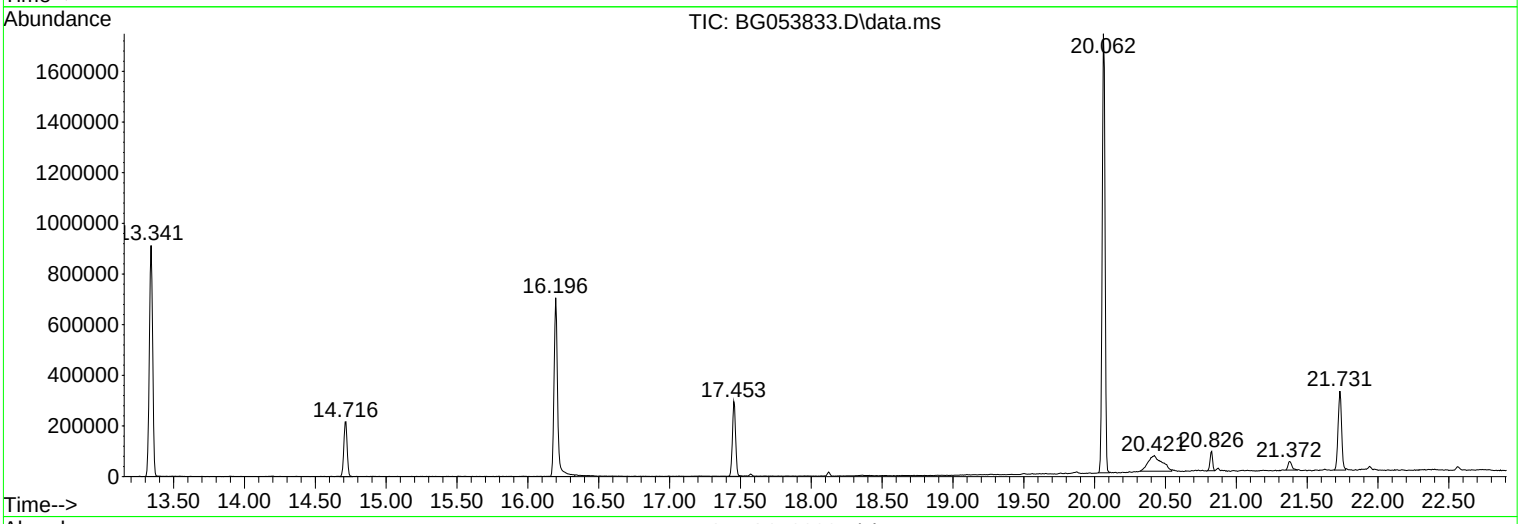
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

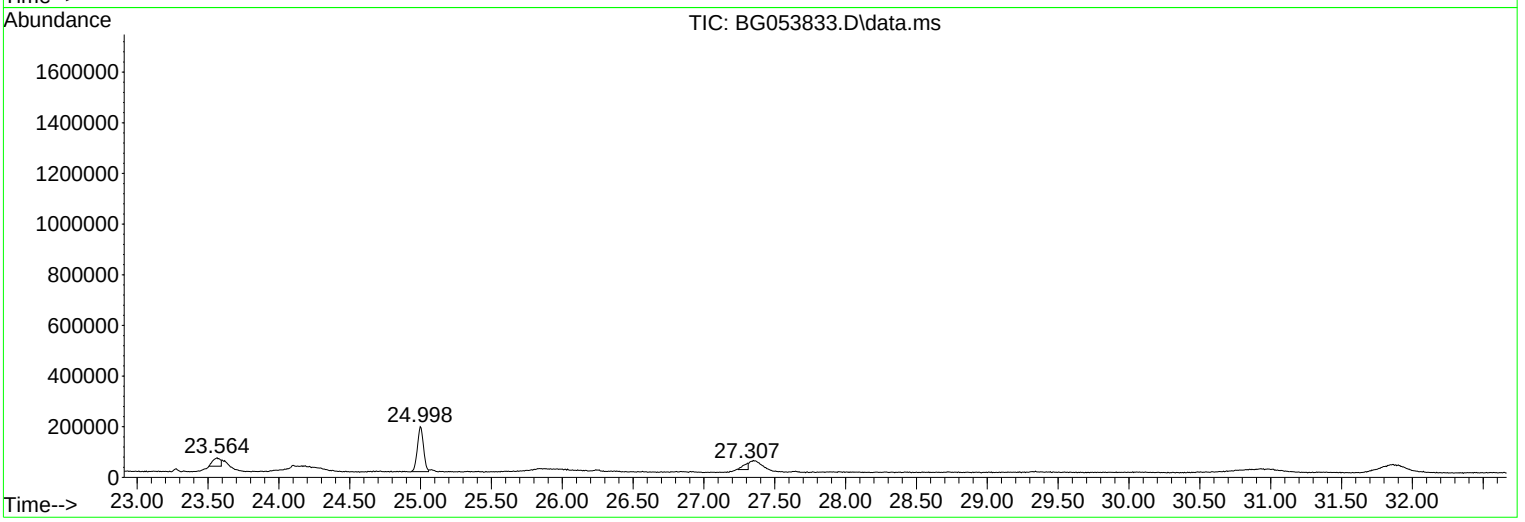
Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.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\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

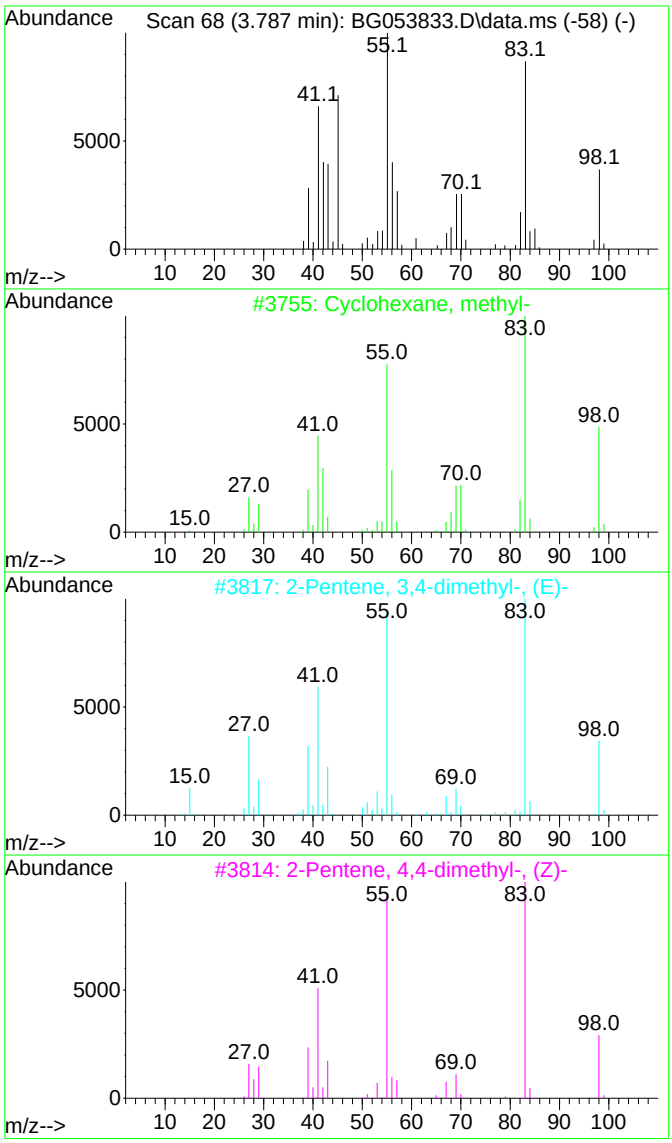
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

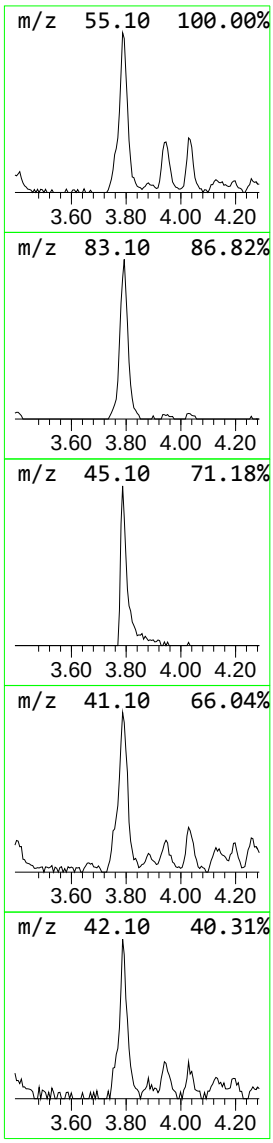
****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.787	20.74 ng	168415	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	43
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	43
4	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	43
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

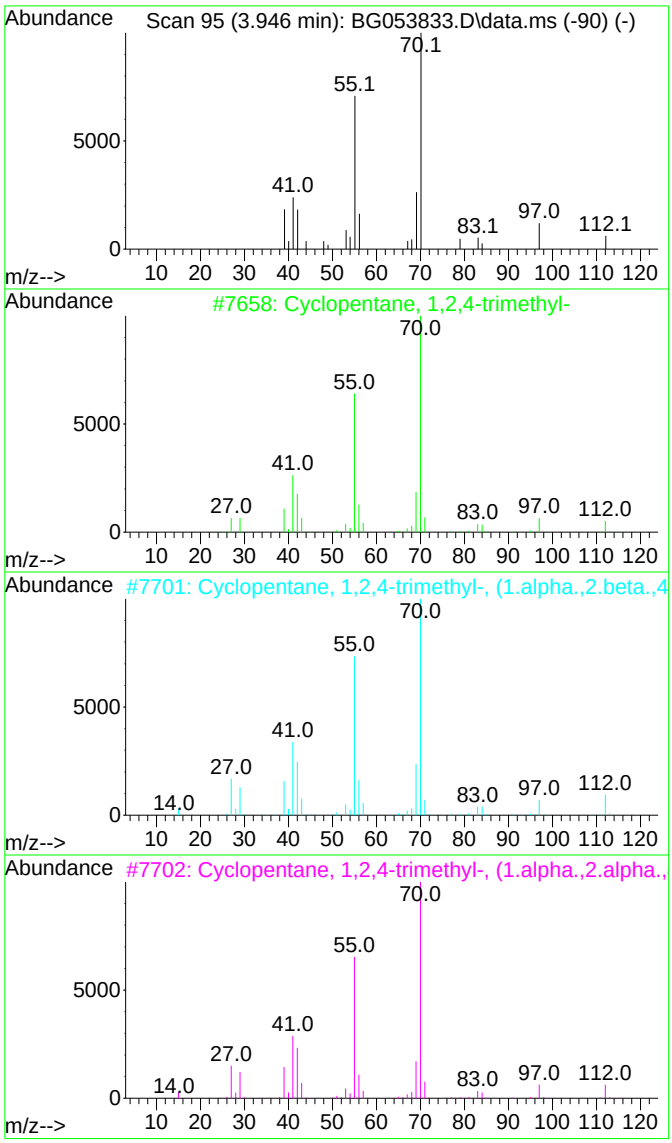
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

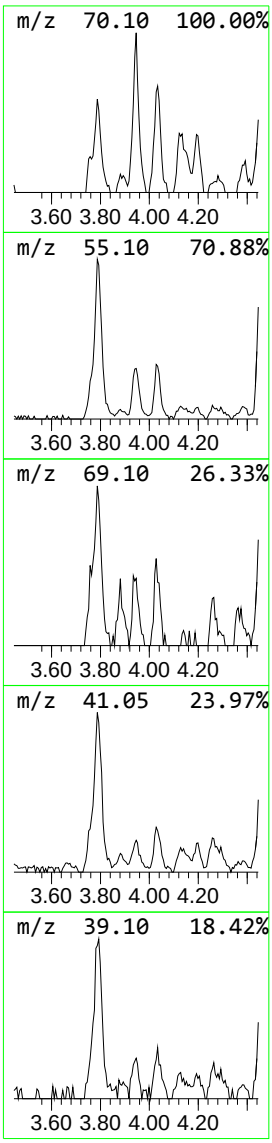
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Cyclopentane, 1,2,4-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.946	3.72 ng	30202	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	87
2	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	86
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
4	Heptane, 3-methylene-	112	C8H16	001632-16-2	64
5	2-Heptene, 3-methyl-	112	C8H16	003404-75-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

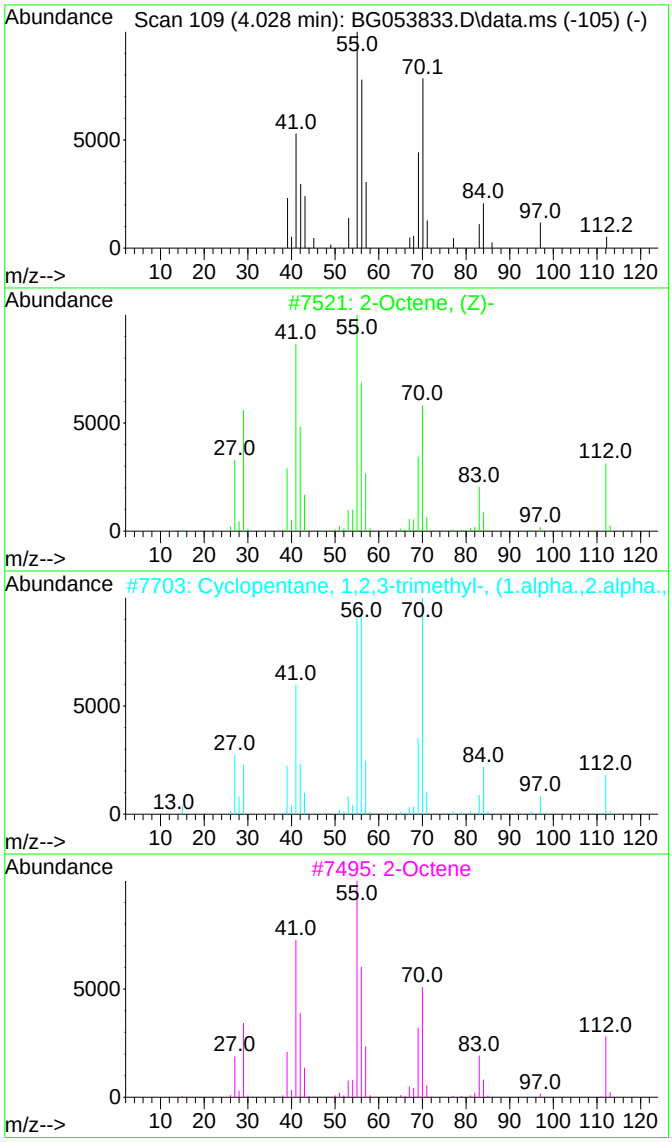
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

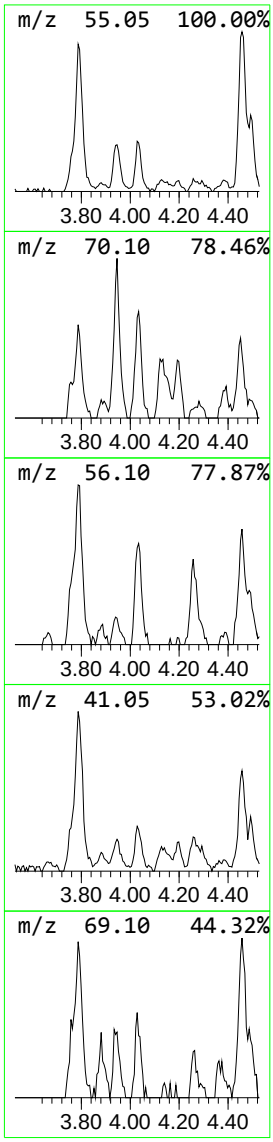
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Octene, (Z)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.028	4.58 ng	37163	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, (Z)-	112	C8H16	007642-04-8	80
2	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	015890-40-1	78
3	2-Octene	112	C8H16	000111-67-1	78
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	78
5	3-Octene, (Z)-	112	C8H16	014850-22-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

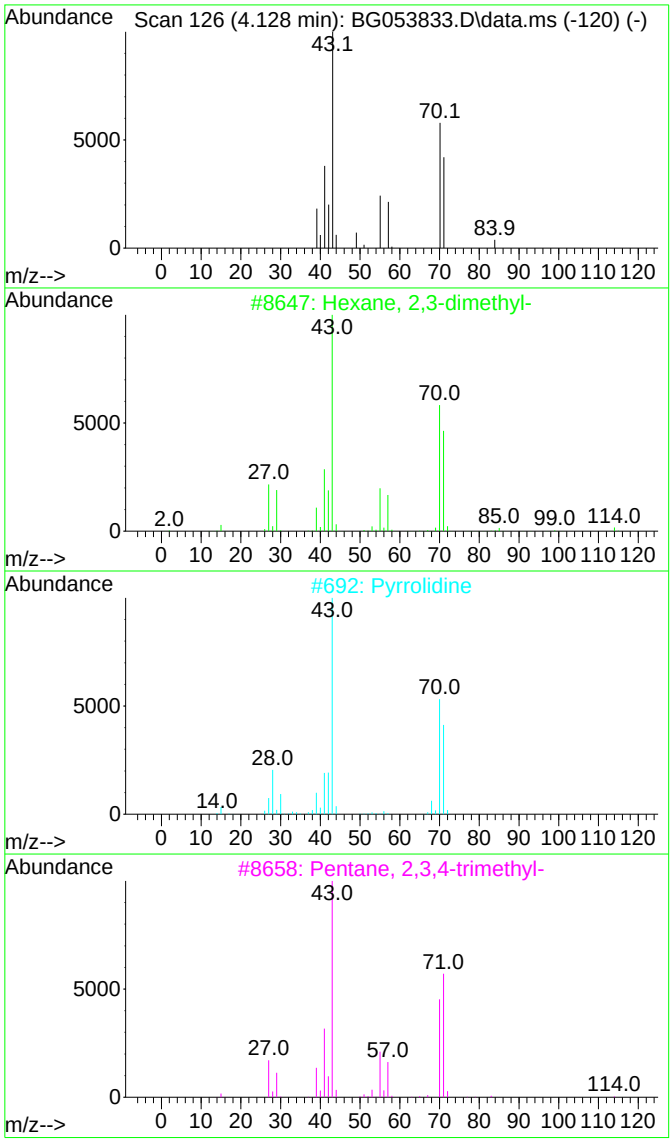
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

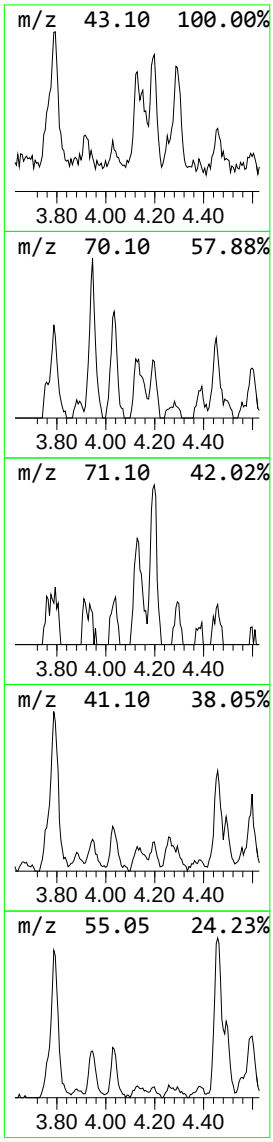
****

Peak Number 4 Hexane, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.128	3.55 ng	28836	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	78
2	Pyrrolidine	71	C4H9N	000123-75-1	72
3	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	25
4	1-Heptene, 4-methyl-	112	C8H16	013151-05-8	9
5	1-Pentanol, 2-methyl-	102	C6H14O	000105-30-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

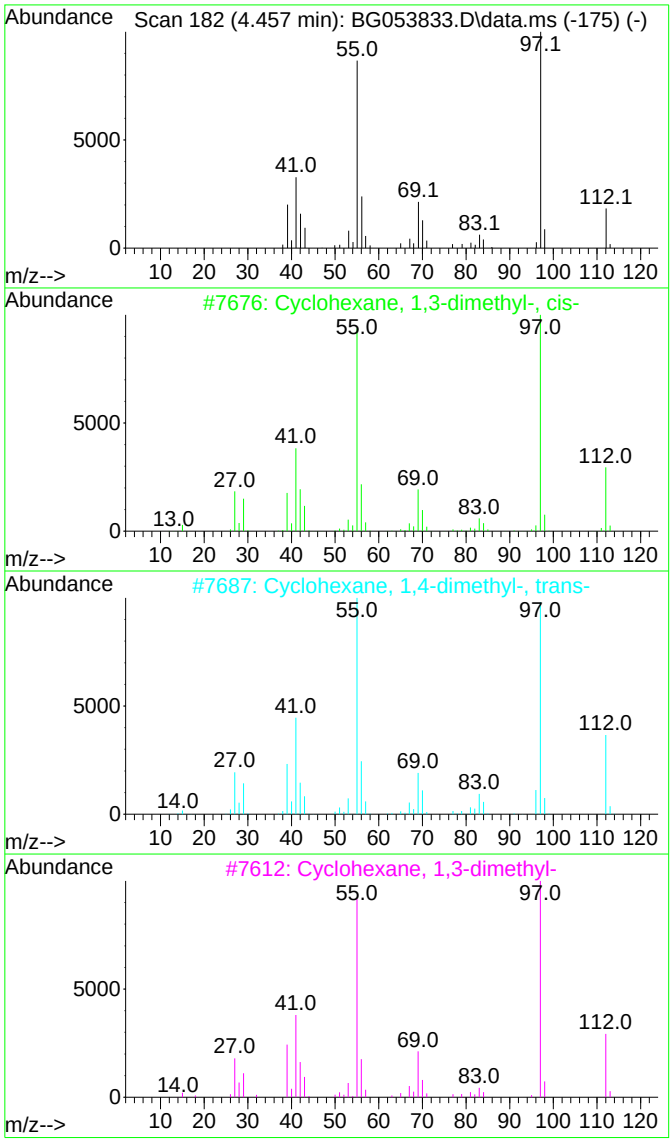
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

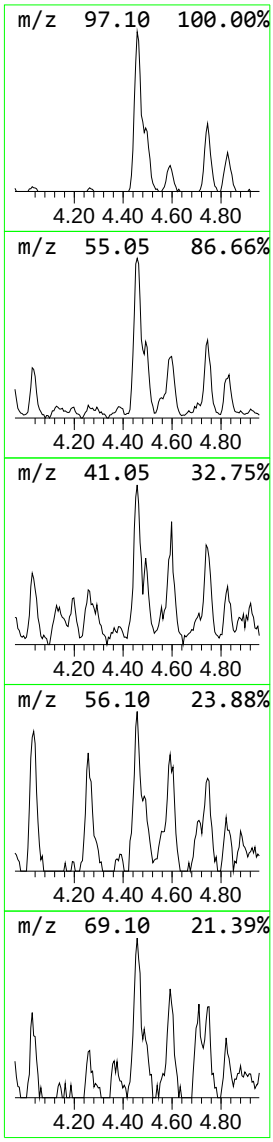
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.457	13.16 ng	106878	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	94
2	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
3	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	90
4	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	58
5	2-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-40-4	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

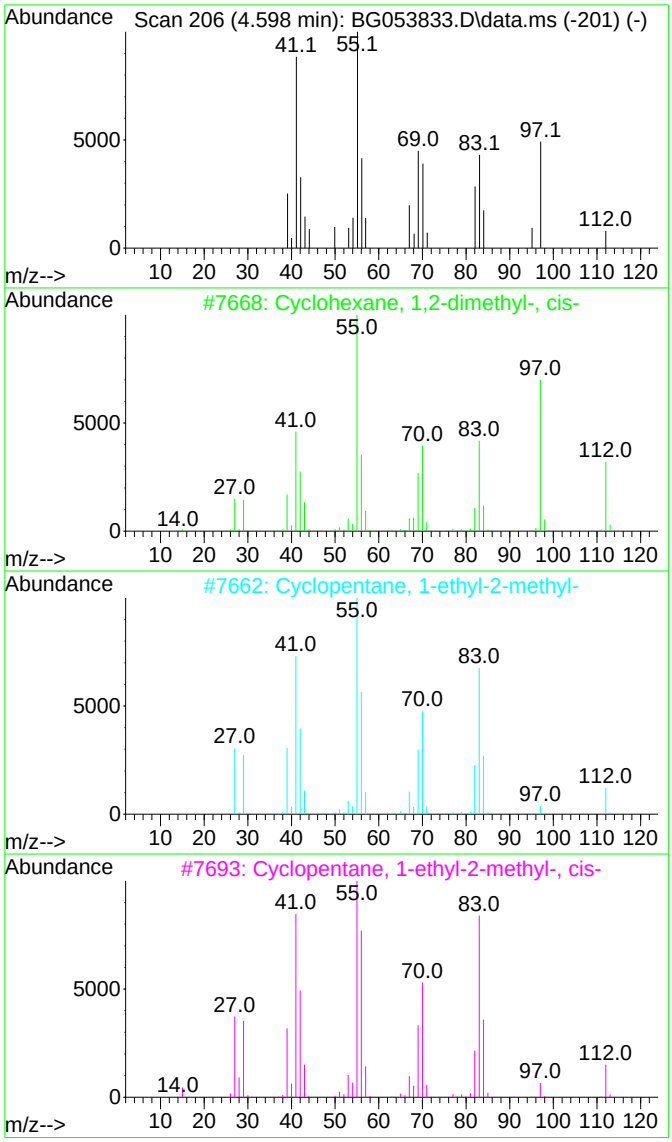
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

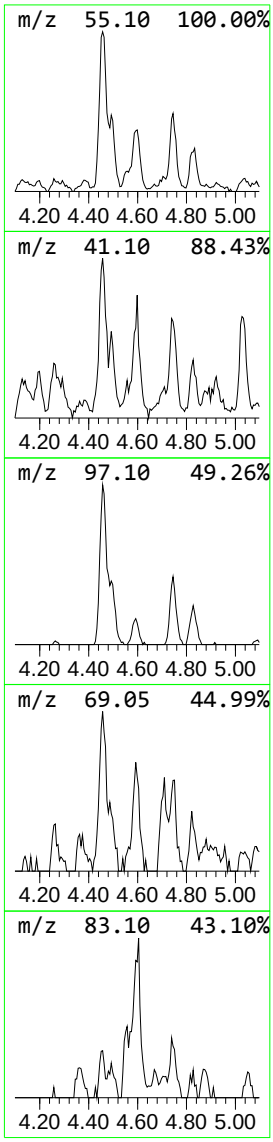
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.598	6.44 ng	52253	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, cis-	112	C8H16	002207-01-4	72
2	Cyclopentane, 1-ethyl-2-methyl-	112	C8H16	003726-46-3	52
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	49
4	3-Octene, (E)-	112	C8H16	014919-01-8	46
5	3-Octene, (Z)-	112	C8H16	014850-22-7	45





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

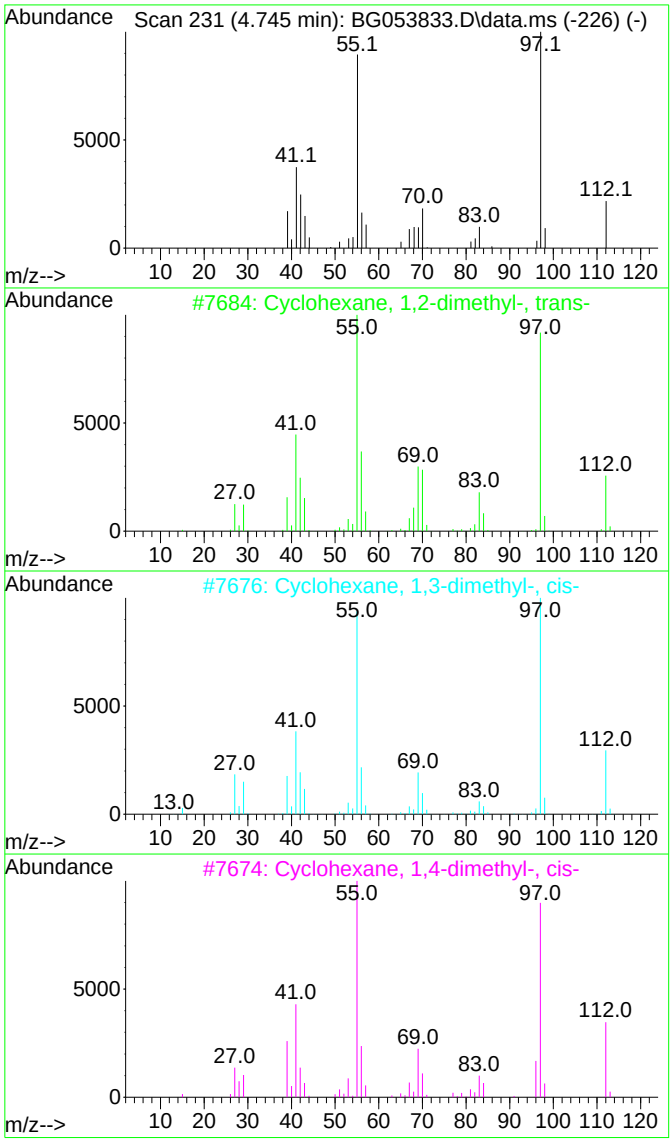
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

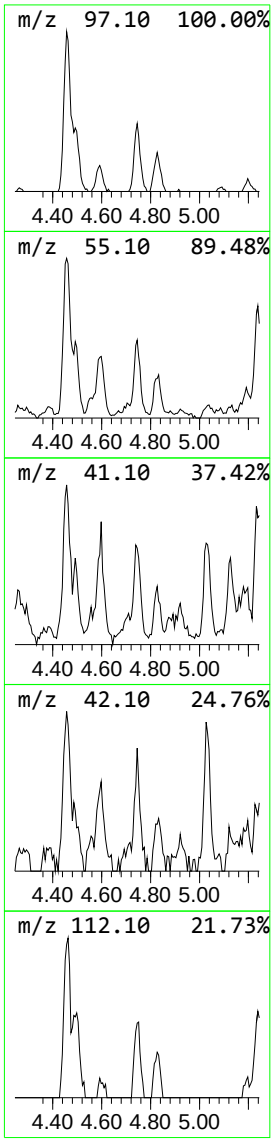
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1,2-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.745	6.42 ng	52124	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	80
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	64
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	58
5	2-Pentene, 2,3,4-trimethyl-	112	C8H16	000565-77-5	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

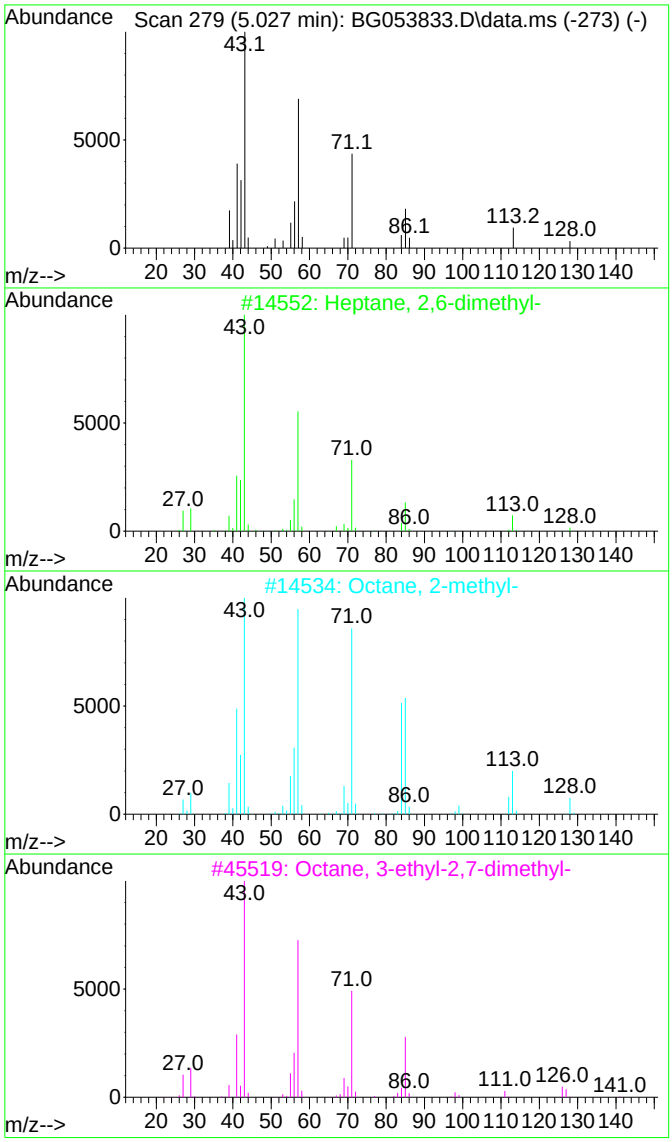
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

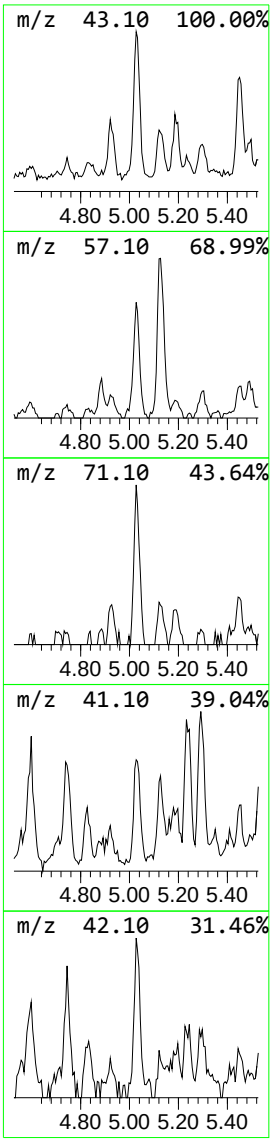
****

Peak Number 8 Heptane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.027	5.91 ng	47942	1,4-Dichlorobenzene-d4	8.094

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	83
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	59
4	Decane, 2-methyl-	156	C11H24	006975-98-0	56
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

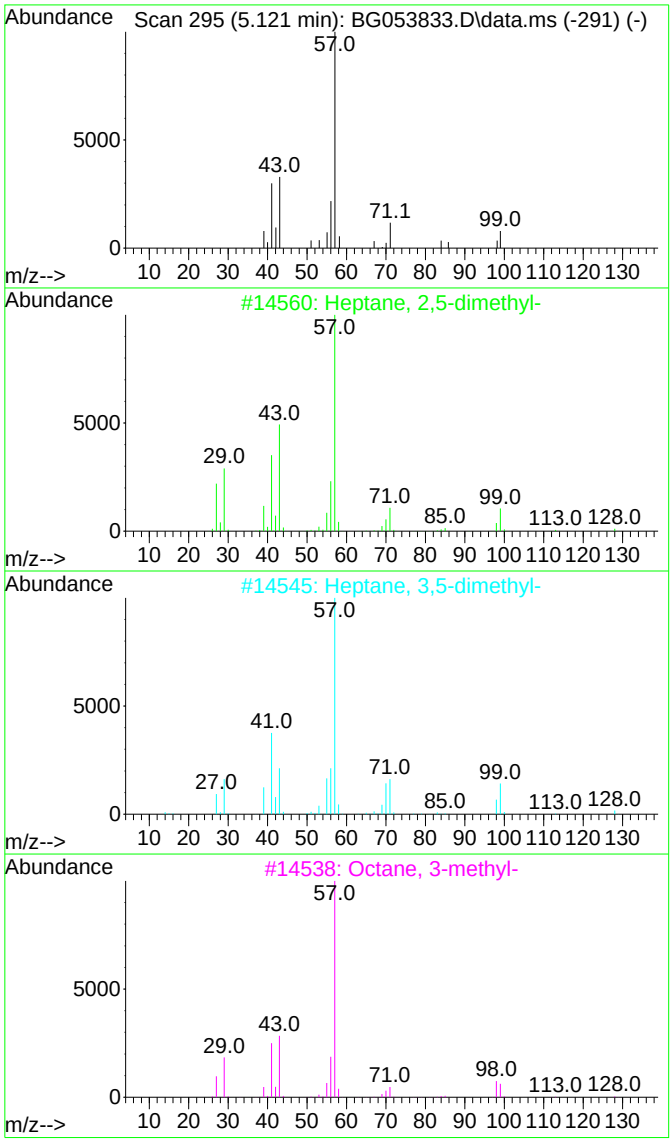
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

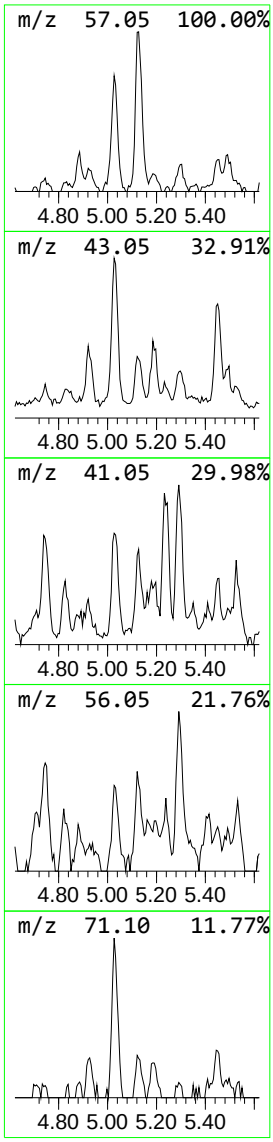
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Heptane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.121	3.69 ng	29951	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	78
2	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	72
3	Octane, 3-methyl-	128	C9H20	002216-33-3	64
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	56
5	Borinic acid, diethyl-	86	C4H11BO	004426-31-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

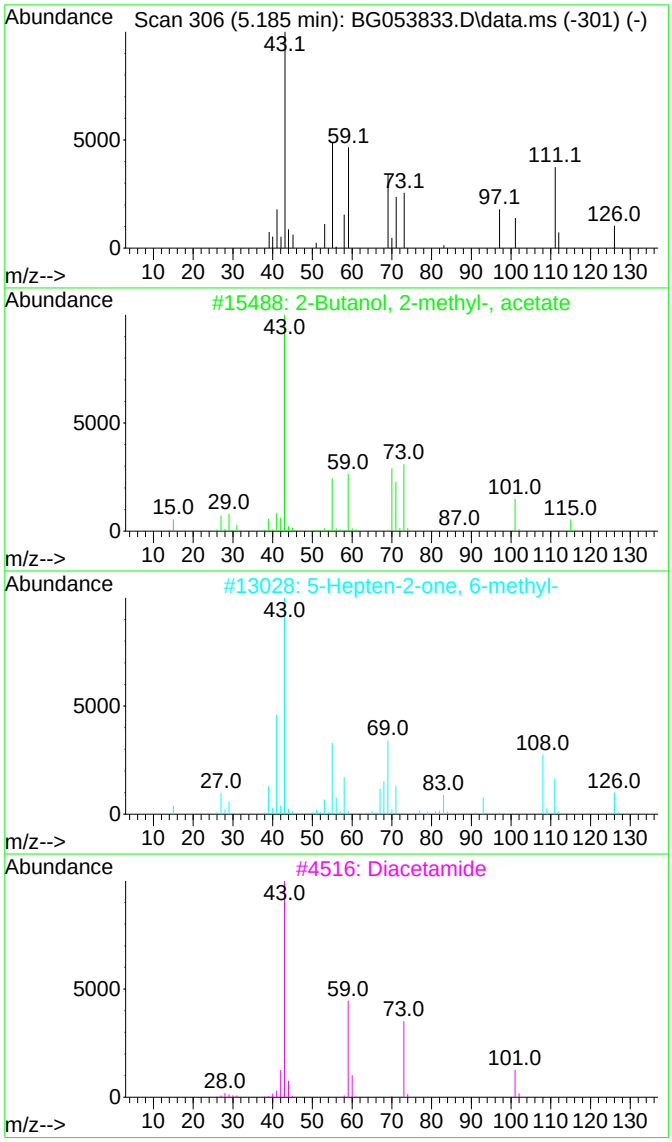
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

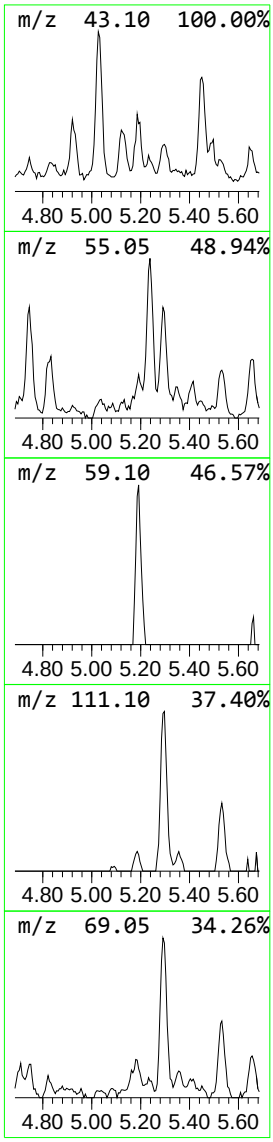
****

Peak Number 10 unknown5.185 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.185	3.82 ng	31048	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 2-methyl-, acetate	130	C7H14O2	000625-16-1	17
2	5-Hepten-2-one, 6-methyl-	126	C8H14O	000110-93-0	9
3	Diacetamide	101	C4H7NO2	000625-77-4	9
4	2,4-Dimethyl-1-heptene	126	C9H18	019549-87-2	9
5	3-Octen-2-one, (E)-	126	C8H14O	018402-82-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

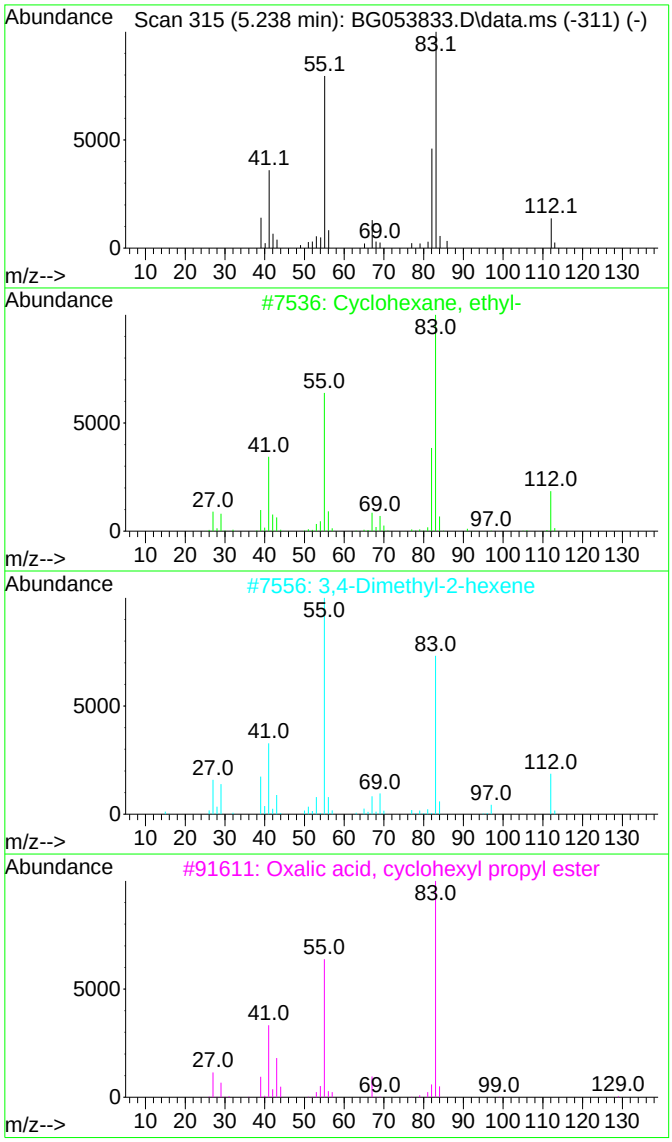
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

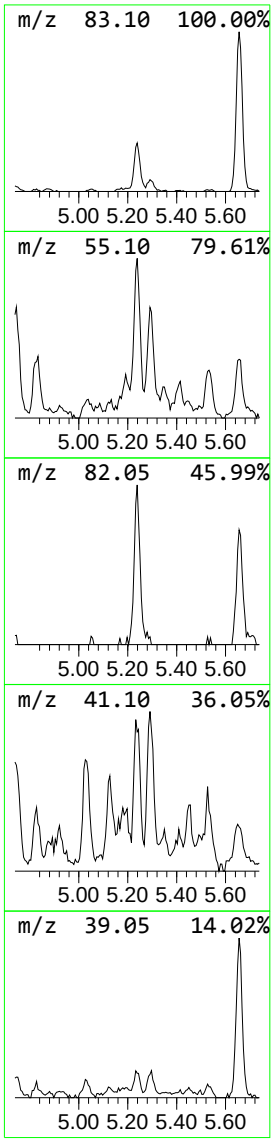
****

Peak Number 11 Cyclohexane, ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.238	6.35 ng	51577	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethyl-	112	C8H16	001678-91-7	90
2	3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	64
3	Oxalic acid, cyclohexyl propyl e...	214	C11H18O4	1000309-30-3	53
4	3-Hexene, 2,2-dimethyl-, (Z)-	112	C8H16	000690-92-6	53
5	Oxalic acid, cyclohexyl nonyl ester	298	C17H30O4	1000309-31-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

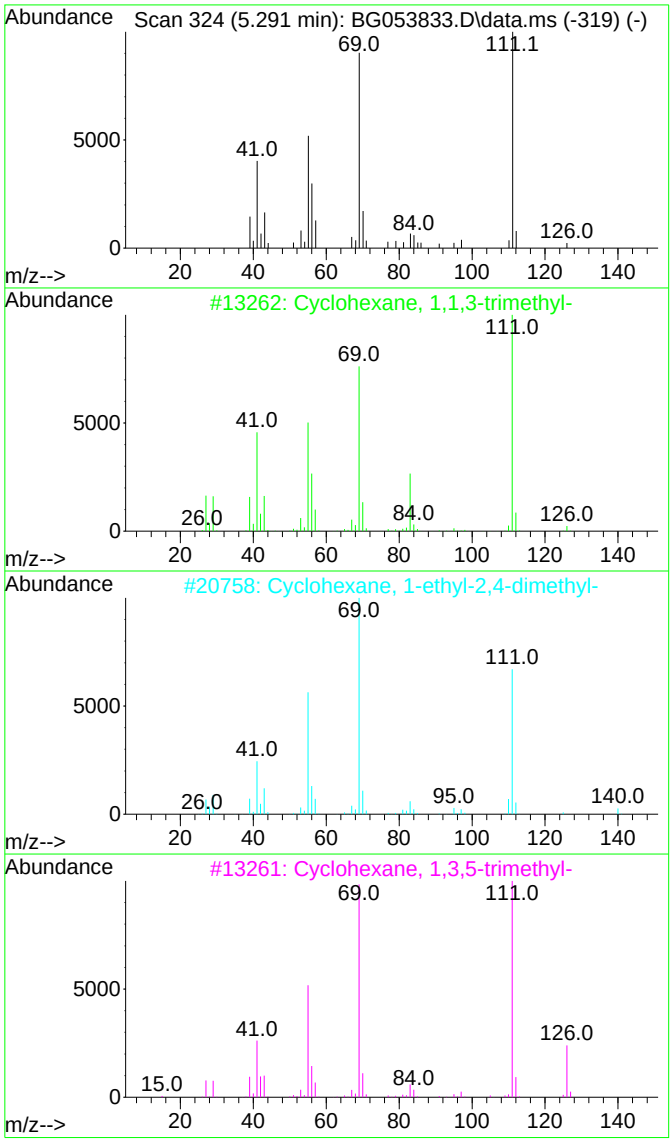
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

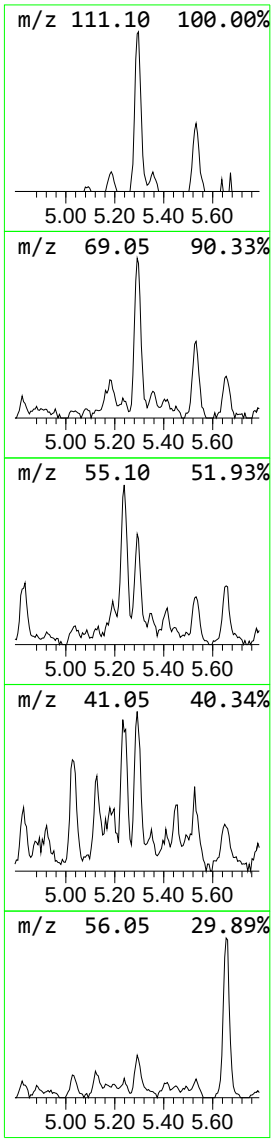
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.291	8.00 ng	64985	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	94
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	78
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	53
5	3-Hexene, 2,5-dimethyl-, (E)-	112	C8H16	000692-70-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

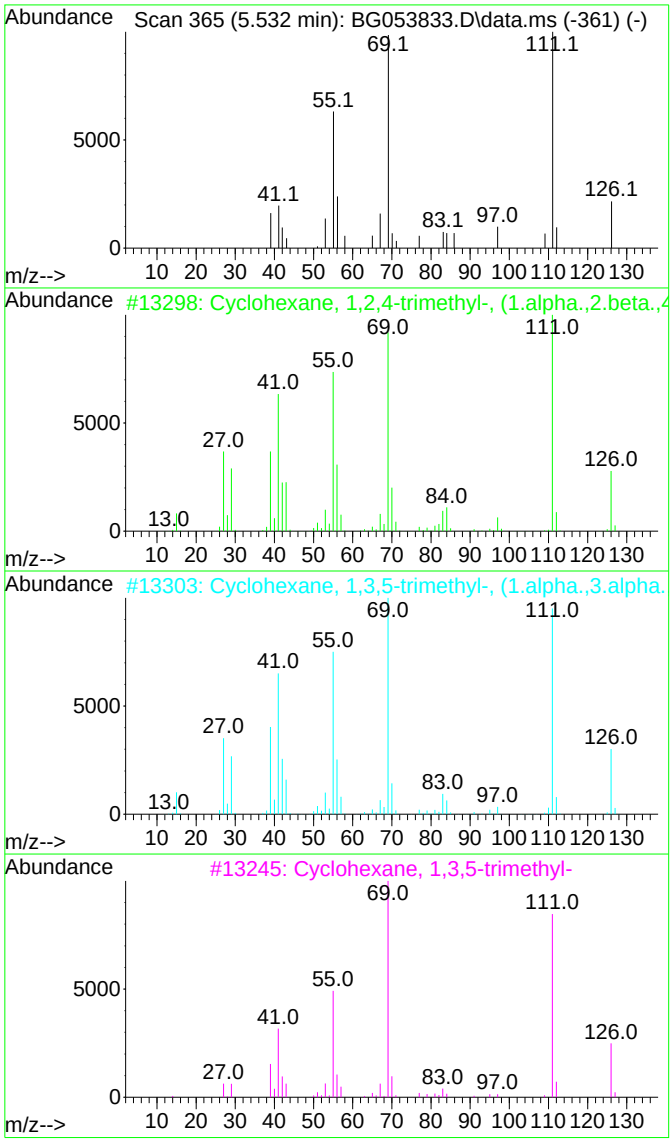
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

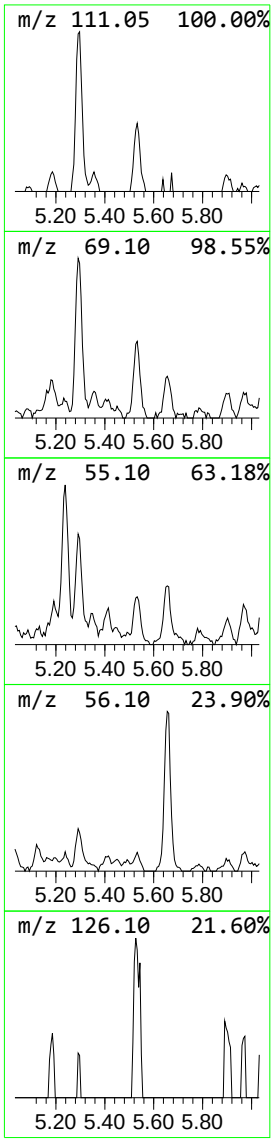
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, 1,2,4-trimethy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.532	4.35 ng	35348	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	86
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	80
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	80
4	5-Methyl-(E)-2-hepten-4-one	126	C8H14O	102322-83-8	64
5	1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

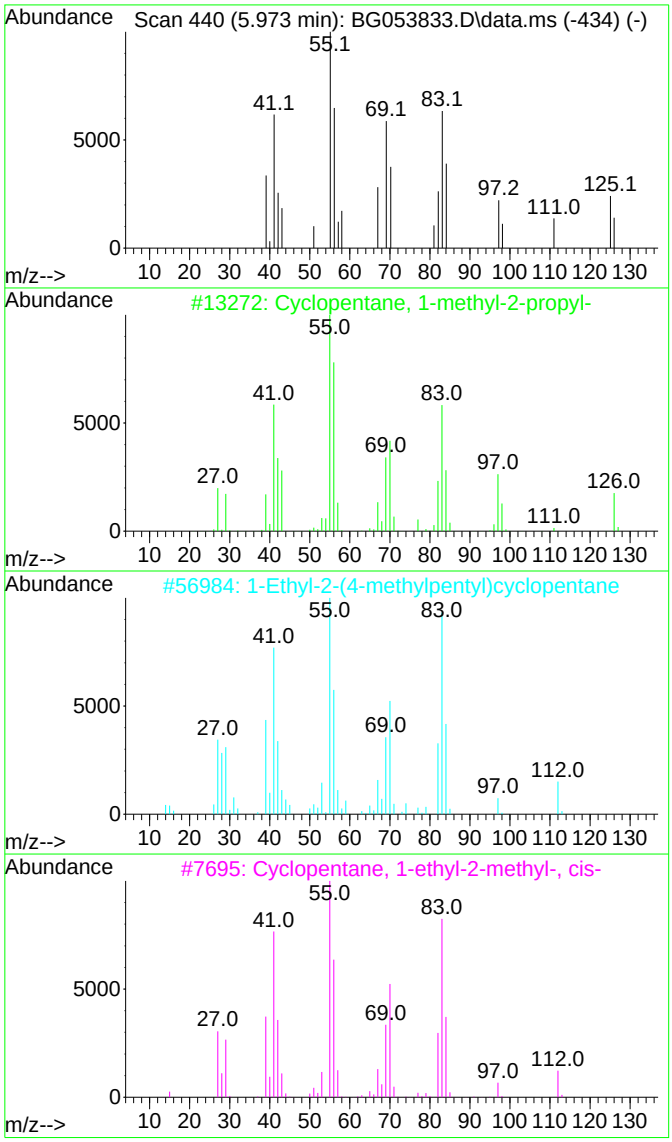
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

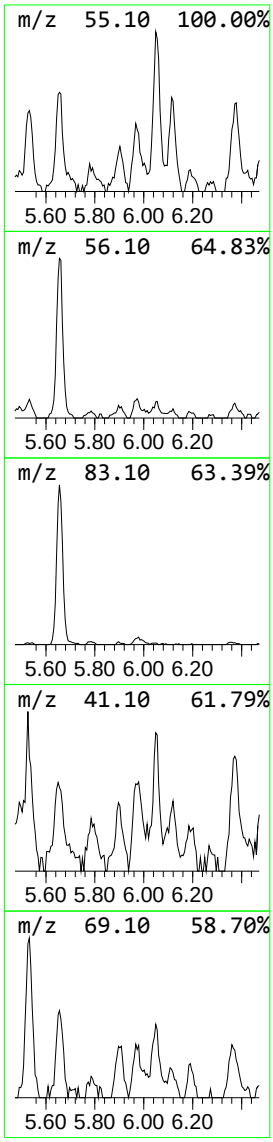
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopentane, 1-methyl-2-pr... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.973	4.03 ng	32725	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	93
2	1-Ethyl-2-(4-methylpentyl)cyclop...	182	C13H26	219726-60-0	53
3	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	53
4	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	46
5	2-Nonene, (E)-	126	C9H18	006434-78-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

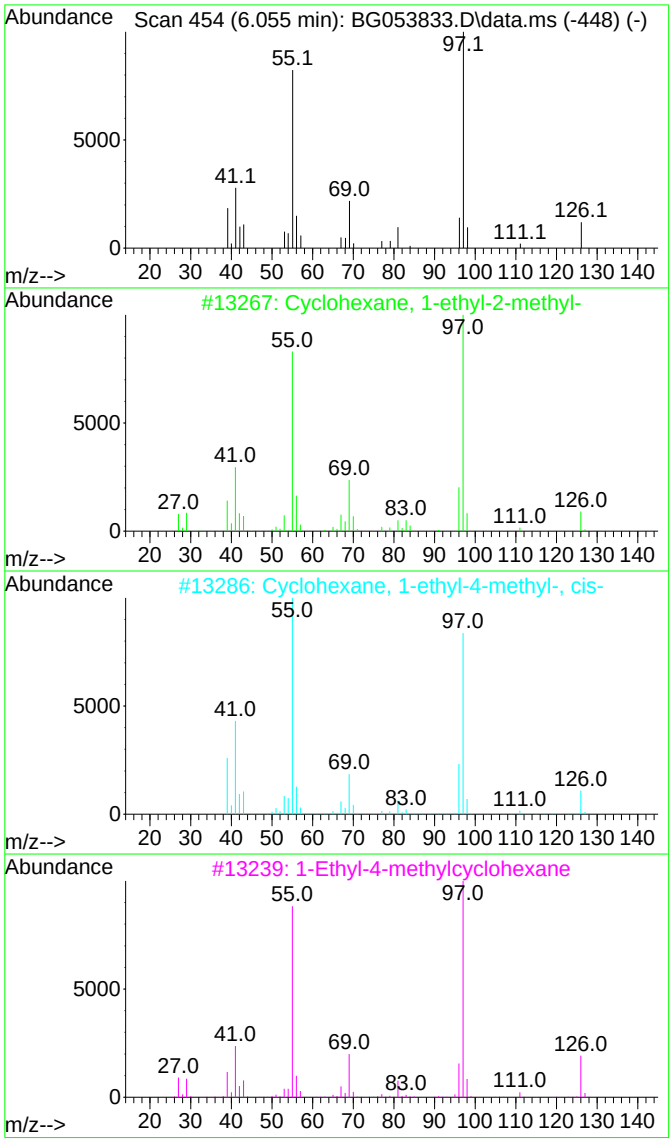
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

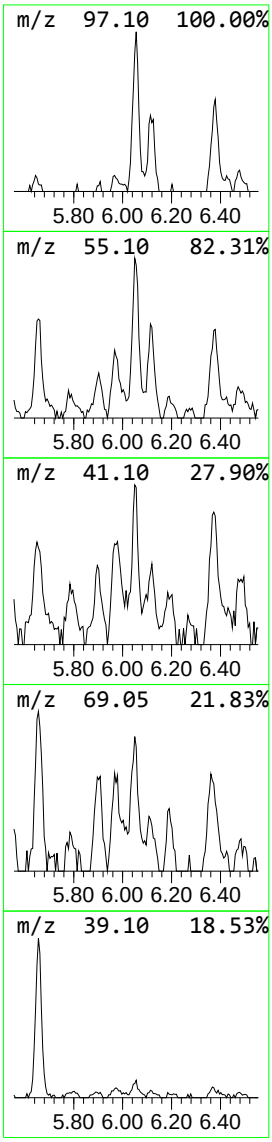
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.055	5.39 ng	43742	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	87
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	87
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

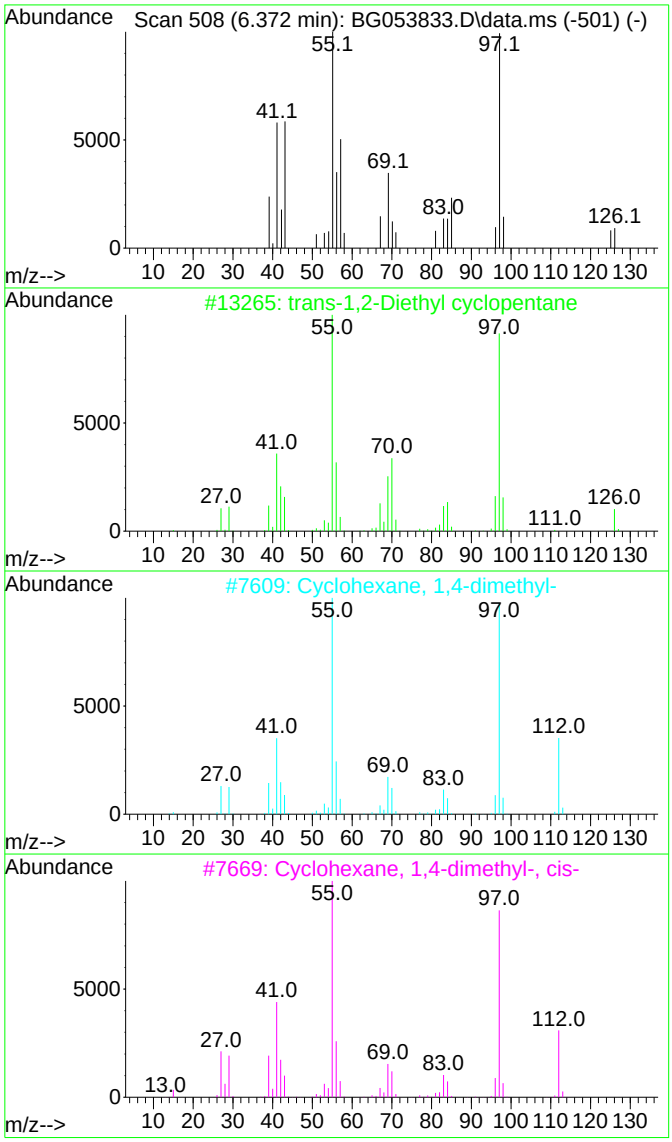
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

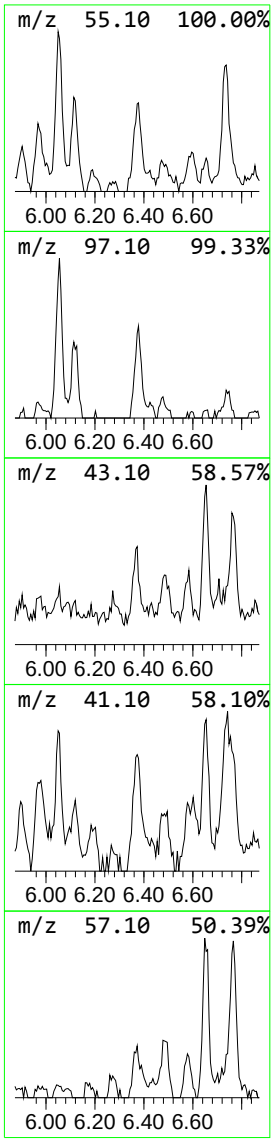
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 trans-1,2-Diethyl cyclopentane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.372	4.97 ng	40344	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	74
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64
3	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

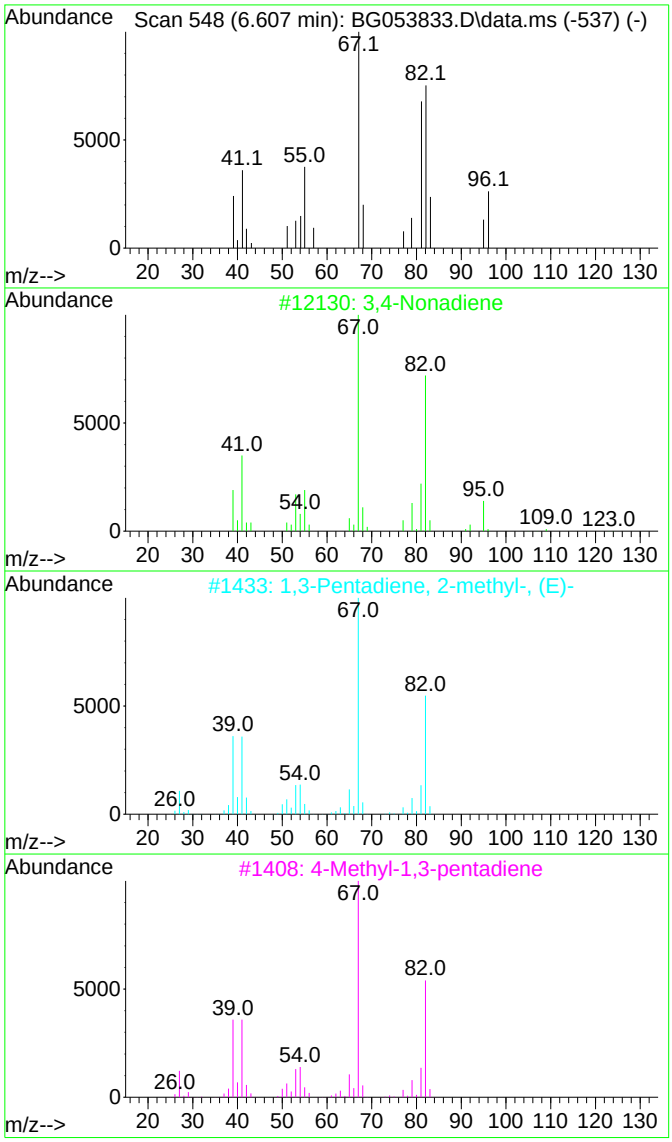
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

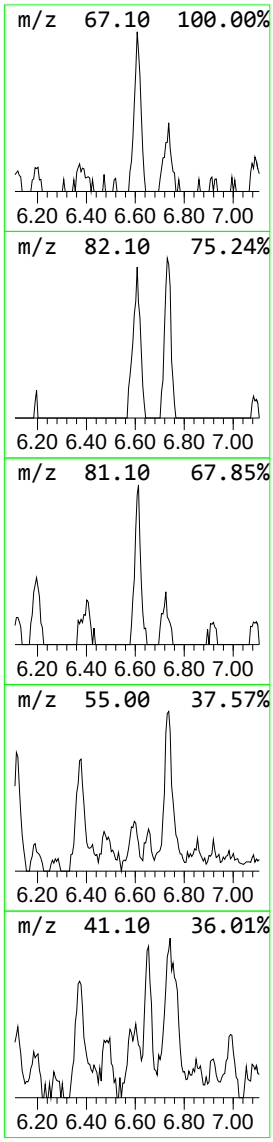
****

Peak Number 17 3,4-Nonadiene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.607	3.80 ng	30835	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Nonadiene	124	C9H16	037050-03-6	59
2	1,3-Pentadiene, 2-methyl-, (E)-	82	C6H10	000926-54-5	53
3	4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	53
4	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	52
5	1,3-Pentadiene, 2-methyl-	82	C6H10	001118-58-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

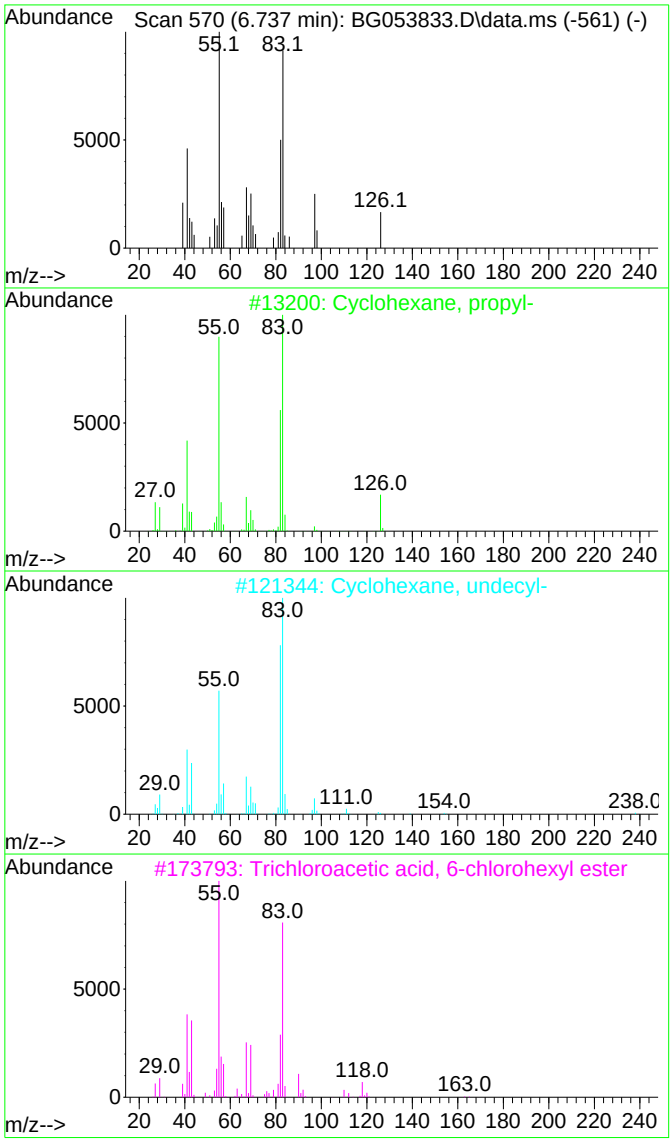
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

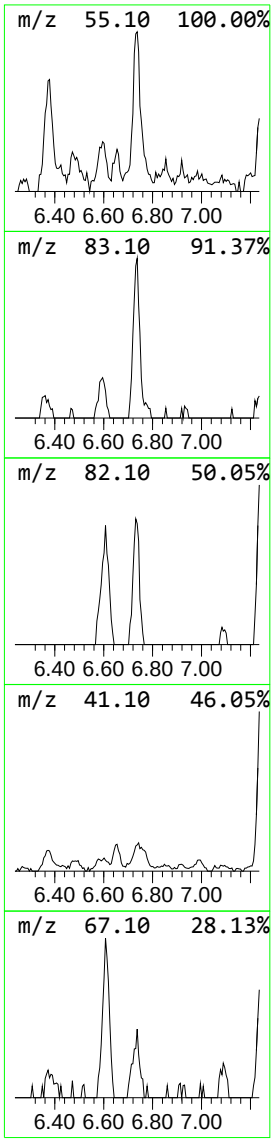
****

Peak Number 18 Cyclohexane, propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.737	4.72 ng	38327	1,4-Dichlorobenzene-d4	8.094

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
3	Trichloroacetic acid, 6-chlorohe...	280	C8H12Cl4O2	1000330-89-2	53
4	Ethanone, 1-cyclohexyl-	126	C8H14O	000823-76-7	50
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

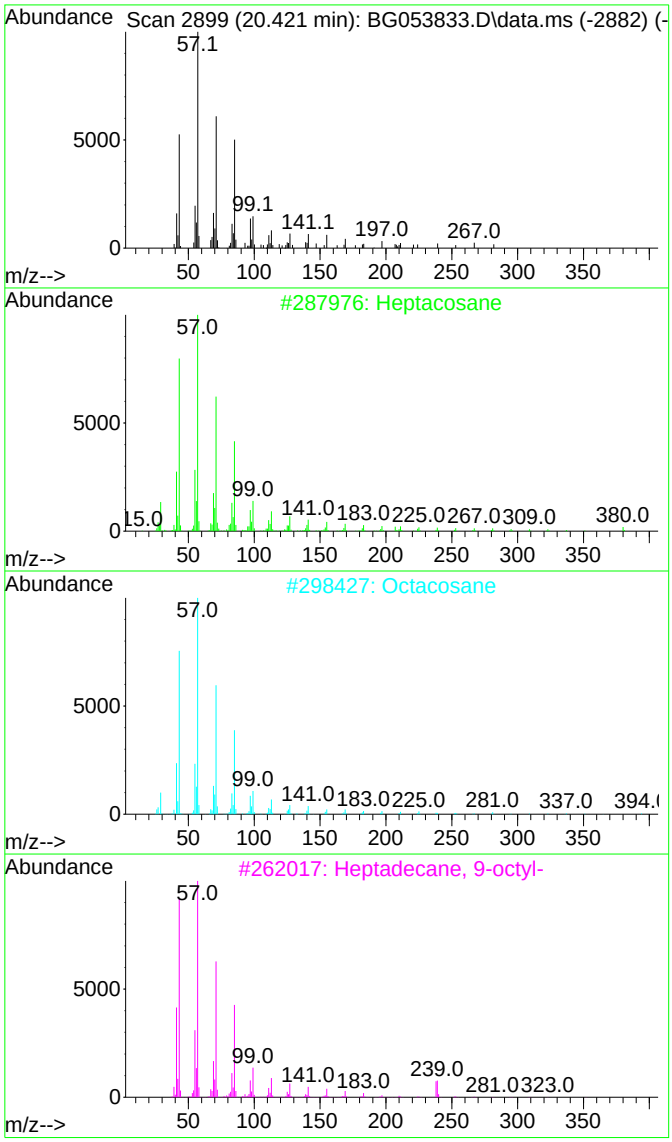
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

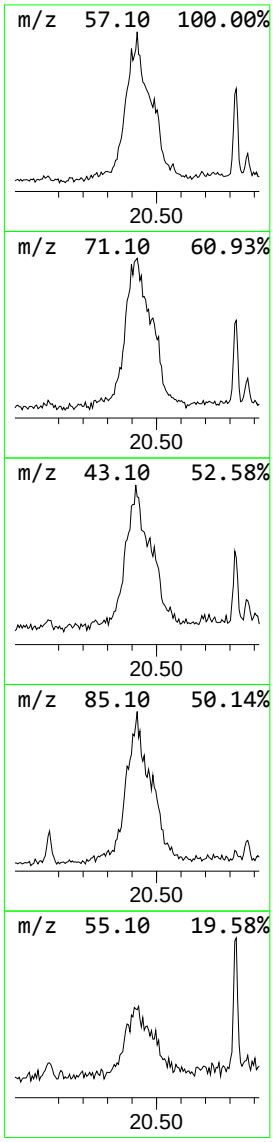
****

Peak Number 19 Heptacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.421	15.70 ng	422135	Chrysene-d12	21.731

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
4	Eicosane, 1-iodo-	408	C20H41I	1000406-31-8	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

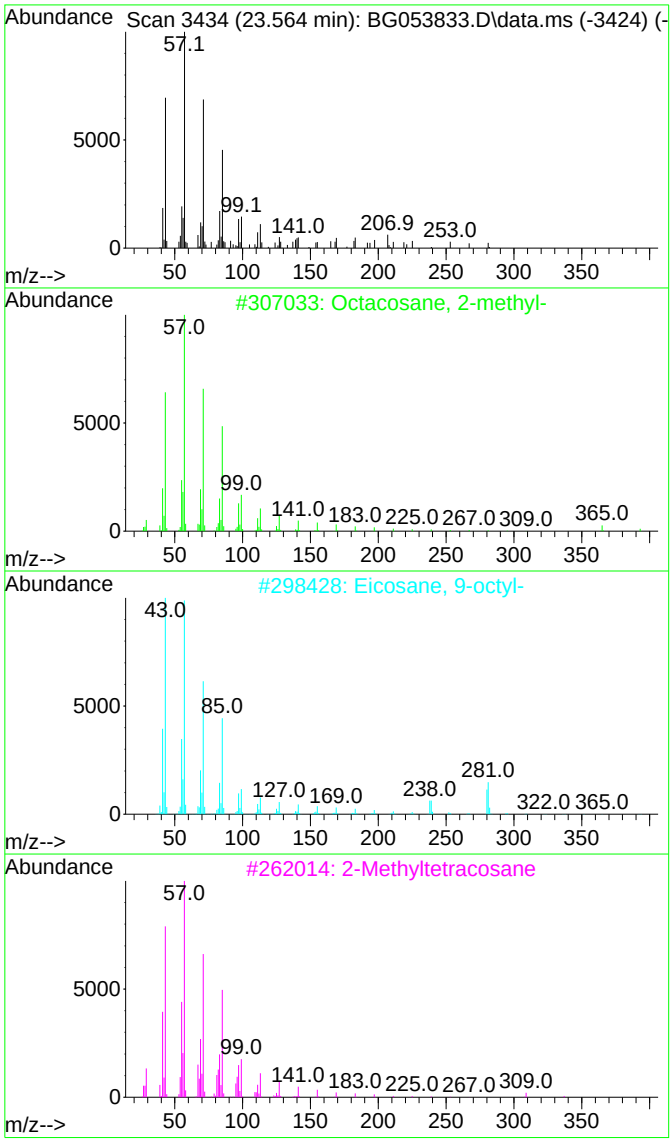
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

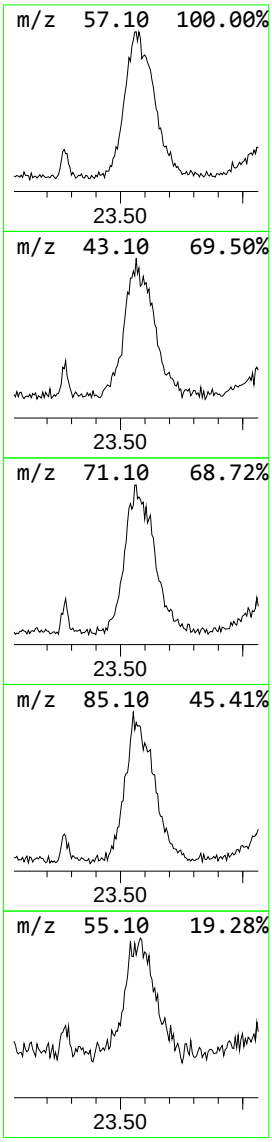
****

Peak Number 20 Octacosane, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.564	4.72 ng	125199	Perylene-d12	24.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
2	Eicosane, 9-octyl-	394	C28H58	013475-77-9	86
3	2-Methyltetracosane	352	C25H52	001560-78-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Hexatriacontane	507	C36H74	000630-06-8	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060622\
Data File : BG053833.D
Acq On : 6 Jun 2022 17:43
Operator : CG/JU
Sample : N3170-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20220415-COMPOSITE-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG060222.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
Cyclohexane, me...	3.787	20.7	ng	168415	1	8.094	162374	20.0
Cyclopentane, 1...	3.946	3.7	ng	30202	1	8.094	162374	20.0
2-Octene, (Z)-	4.028	4.6	ng	37163	1	8.094	162374	20.0
Hexane, 2,3-dim...	4.128	3.5	ng	28836	1	8.094	162374	20.0
Cyclohexane, 1,...	4.457	13.2	ng	106878	1	8.094	162374	20.0
Cyclohexane, 1,...	4.598	6.4	ng	52253	1	8.094	162374	20.0
Cyclohexane, 1,...	4.745	6.4	ng	52124	1	8.094	162374	20.0
Heptane, 2,6-di...	5.027	5.9	ng	47942	1	8.094	162374	20.0
Heptane, 2,5-di...	5.121	3.7	ng	29951	1	8.094	162374	20.0
unknown5.185	5.185	3.8	ng	31048	1	8.094	162374	20.0
Cyclohexane, et...	5.238	6.3	ng	51577	1	8.094	162374	20.0
Cyclohexane, 1,...	5.291	8.0	ng	64985	1	8.094	162374	20.0
Cyclohexane, 1,...	5.532	4.3	ng	35348	1	8.094	162374	20.0
Cyclopentane, 1...	5.973	4.0	ng	32725	1	8.094	162374	20.0
Cyclohexane, 1-...	6.055	5.4	ng	43742	1	8.094	162374	20.0
trans-1,2-Dieth...	6.372	5.0	ng	40344	1	8.094	162374	20.0
3,4-Nonadiene	6.607	3.8	ng	30835	1	8.094	162374	20.0
Cyclohexane, pr...	6.737	4.7	ng	38327	1	8.094	162374	20.0
Heptacosane	20.421	15.7	ng	422135	5	21.731	537706	20.0
Octacosane, 2-m...	23.564	4.7	ng	125199	6	24.998	530233	20.0