LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG058531.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	8	11	29	rVB4	39247	87627	3.50%	0.492%
2	3.470	59	65	67	rBV2	69351	106688	4.27%	0.599%
3	3.499	67	70	82	rVV2	173000	314056	12.56%	1.764%
4	3.593	82	86	91	rVV3	24138	47504	1.90%	0.267%
5	3.652	92	96	104	rVV	64285	104464	4.18%	0.587%
6	3.740	106	111	123	rVV2	82271	133798	5.35%	0.752%
7	3.834	123	127	129	rVV	22329	30291	1.21%	0.170%
8	3.887	129	136	145	rVV3	176358	353706	14.14%	1.987%
9	3.987	145	153	163	rVB2	112432	238449	9.53%	1.340%
10	4.163	177	183	187	rBV2	159326	264716	10.58%	1.487%
11	4.204	187	190	196	rVV	68001	104056	4.16%	0.585%
12	4.263	196	200	203	rVV	27236	42387	1.69%	0.238%
13	4.304	203	207	217	rVB2	86673	166321	6.65%	0.934%
14	4.410	222	225	228	rVV2	25496	36422	1.46%	0.205%
15	4.451	228	232	240	rVB	92717	145147	5.80%	0.815%
16	4.533	241	246	251	rBV3	40507	63898	2.55%	0.359%
17	4.633	259	263	272	rVB4	21905	46189	1.85%	0.259%
18	4.739	272	281	287	rBV	89977	146408	5.85%	0.822%
19	4.833	293	297	301	rBV	33772	51651	2.06%	0.290%
20	4.874	301	304	306	rBV2	20620	26130	1.04%	0.147%
21	4.944	312	316	321	rVB	109091	156453	6.25%	0.879%
22	4.997	321	325	331	rBV2	126978	205185	8.20%	1.153%
23	5.121	340	346	349	rBV3	24930	46081	1.84%	0.259%
24	5.162	349	353	357	rVB	37252	49497	1.98%	0.278%
25	5.244	362	367	371	rBV3	65982	125532	5.02%	0.705%
26	5.385	383	391	403	rVB	848499	1372039	54.85%	7.708%
27	5.503	405	411	419	rVB3	19825	55153	2.20%	0.310%
28	5.608	421	429	435	rBV3	28363	49610	1.98%	0.279%
29	5.679	435	441	449	rBV4	41892	96344	3.85%	0.541%
30	5.761	449	455	459	rVV3	50582	88143	3.52%	0.495%
31	5.826	462	466	474	rVV3	29747	66486	2.66%	0.374%
32	5.896	474	478	484	rVB3	19348	30711	1.23%	0.173%
33	6.078	501	509	517	rBV4	42859	101696	4.07%	0.571%
34	6.184	523	527	540	rVB7	12321	35550	1.42%	0.200%
35	6.313	540	549	553	rBV5	38458	91913	3.67%	0.516%
36	6.360	553	557	562	rVV	43578	65498	2.62%	0.368%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

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-BG072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.443	562	571	574	rVV3	57326	113950	4.56%	0.640%
38	6.472	574	576	583	rVV	49728	64024	2.56%	0.360%
39	6.707	613	616	623	rVB5	15771	29549	1.18%	0.166%
40	6.795	623	631	636	rVV3	38174	62823	2.51%	0.353%
41	6.983	653	663	675	rBV	766088	1387982	55.49%	7.797%
42	7.400	730	734	742	rVB	17138	31119	1.24%	0.175%
43	7.812	794	804	811	rBV	176630	314292	12.57%	1.766%
44	8.975	995	1002	1011	rBV	442862	803931	32.14%	4.516%
45	10.614	1270	1281	1294	rBV	248235	453221	18.12%	2.546%
46	13.082	1694	1701	1716	rBV	1034952	1646650	65.83%	9.251%
47	13.352	1740	1747	1766	rVB	135839	243834	9.75%	1.370%
48	14.463	1929	1936	1944	rBV	391752	612931	24.50%	3.443%
49	15.949	2182	2189	2209	rBV	937445	1500251	59.98%	8.428%
50	17.206	2396	2403	2415	rBV	488143	732152	29.27%	4.113%
51	17.324	2419	2423	2429	rVB2	18243	25443	1.02%	0.143%
52	18.094	2549	2554	2565	rBV2	63860	123389	4.93%	0.693%
53	19.040	2712	2715	2723	rVB2	47270	54485	2.18%	0.306%
54	19.827	2843	2849	2859	rBV	1886416	2501329	100.00%	14.052%
55	20.620	2980	2984	2987	rBV	23895	26943	1.08%	0.151%
56	21.443	3118	3124	3137	rVB2	481175	774293	30.96%	4.350%
57	21.619	3151	3154	3160	rVB2	20252	30338	1.21%	0.170%
58	22.201	3248	3253	3258	rBV2	19920	29571	1.18%	0.166%
59	22.841	3355	3362	3376	rBV3	53960	134746	5.39%	0.757%
60	23.611	3488	3493	3499	rVB2	23125	47350	1.89%	0.266%
61	24.510	3636	3646	3661	rBV	318945	910252	36.39%	5.114%

Sum of corrected areas: 17800647

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
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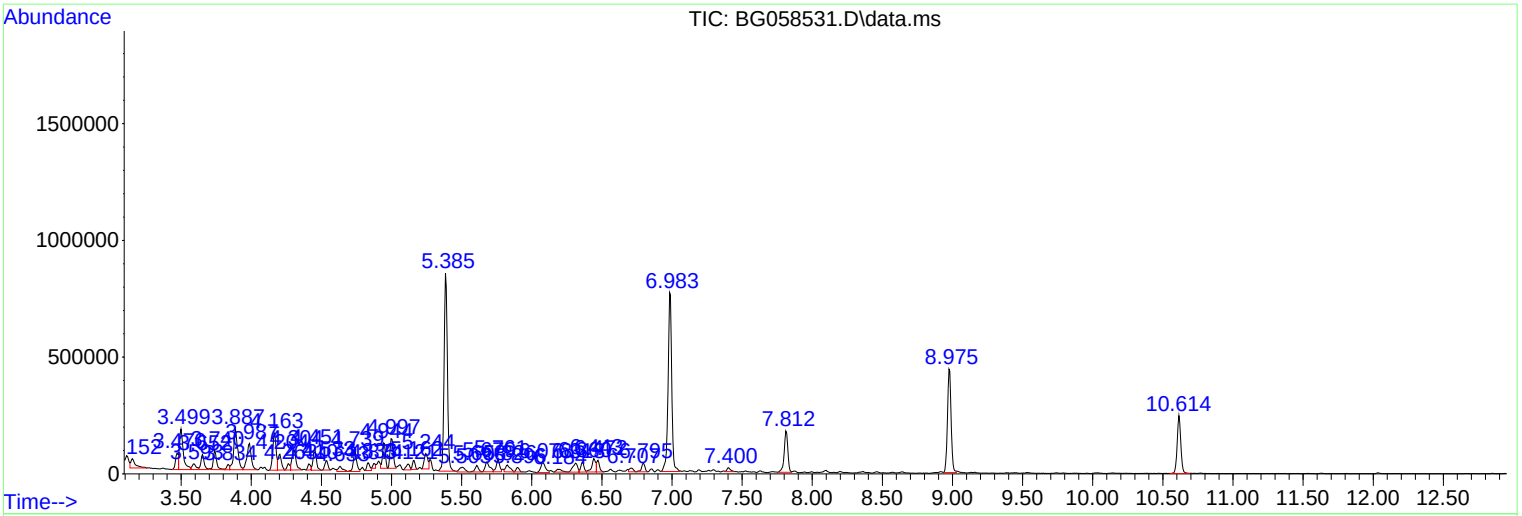
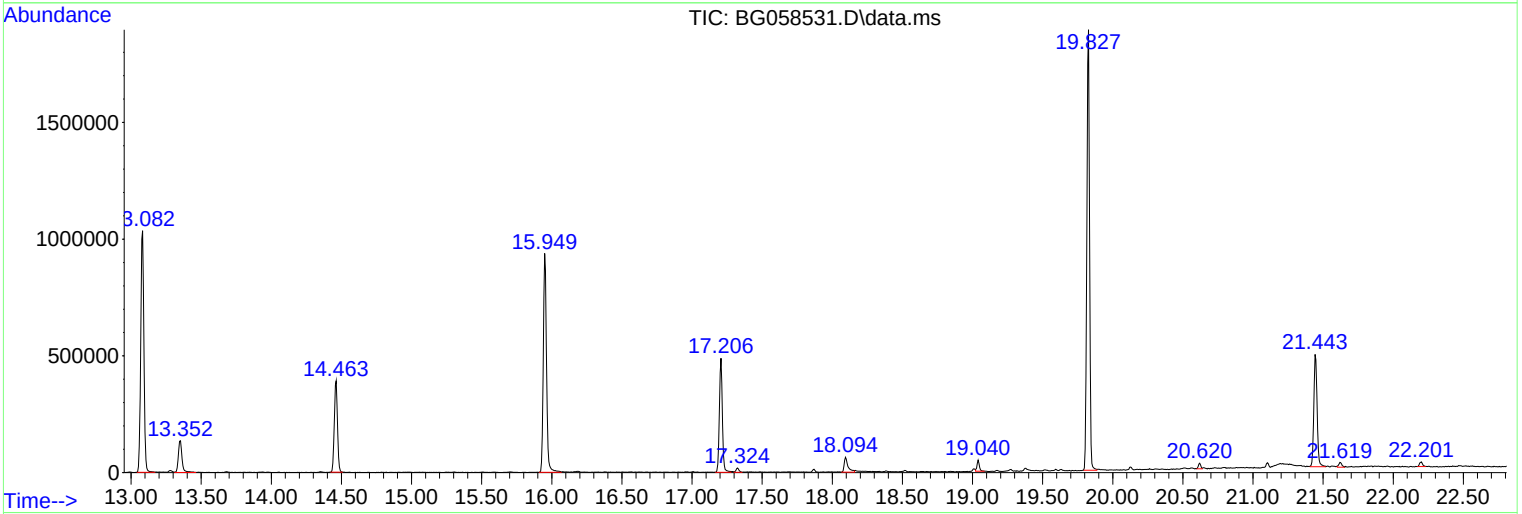
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

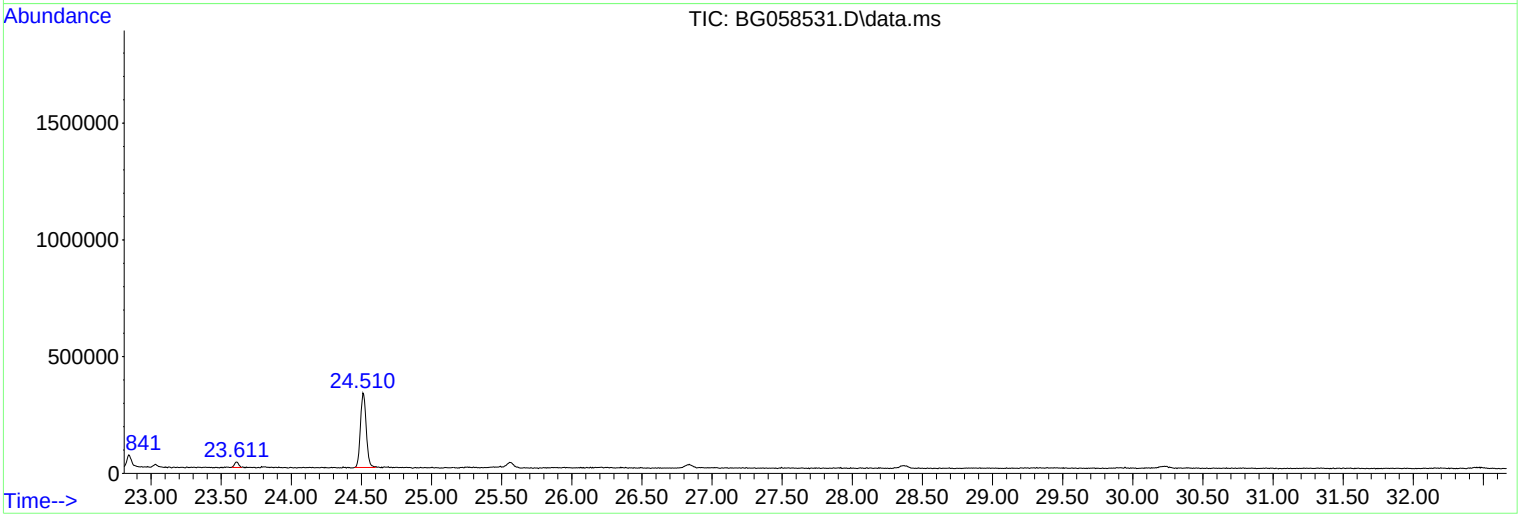
Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

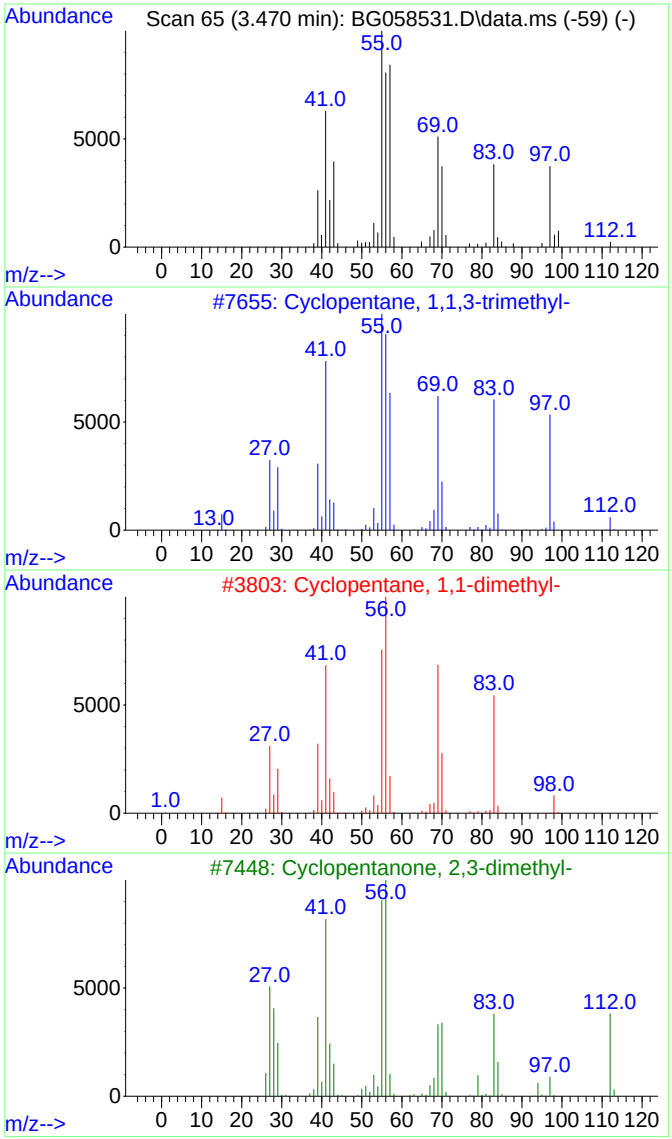
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

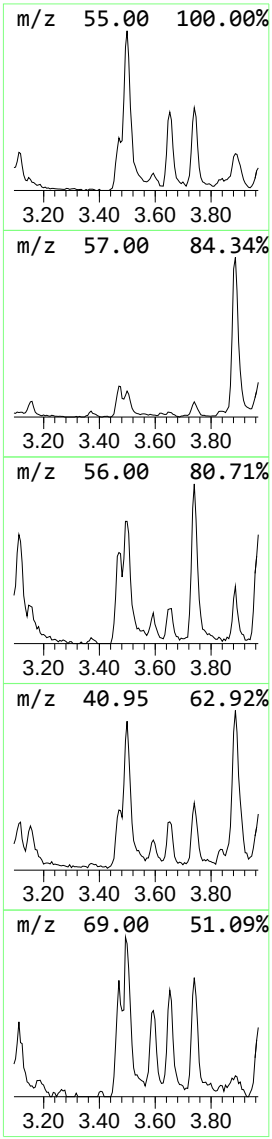
****

Peak Number 1 Cyclopentane, 1,1,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.470	6.79 ng	106688	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	64
2	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64
3	Cyclopentanone, 2,3-dimethyl-	112	C7H12O	1000151-06-7	53
4	Cyclopentane, 1,2-dimethyl-, trans-	98	C7H14	000822-50-4	49
5	1-Heptene	98	C7H14	000592-76-7	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

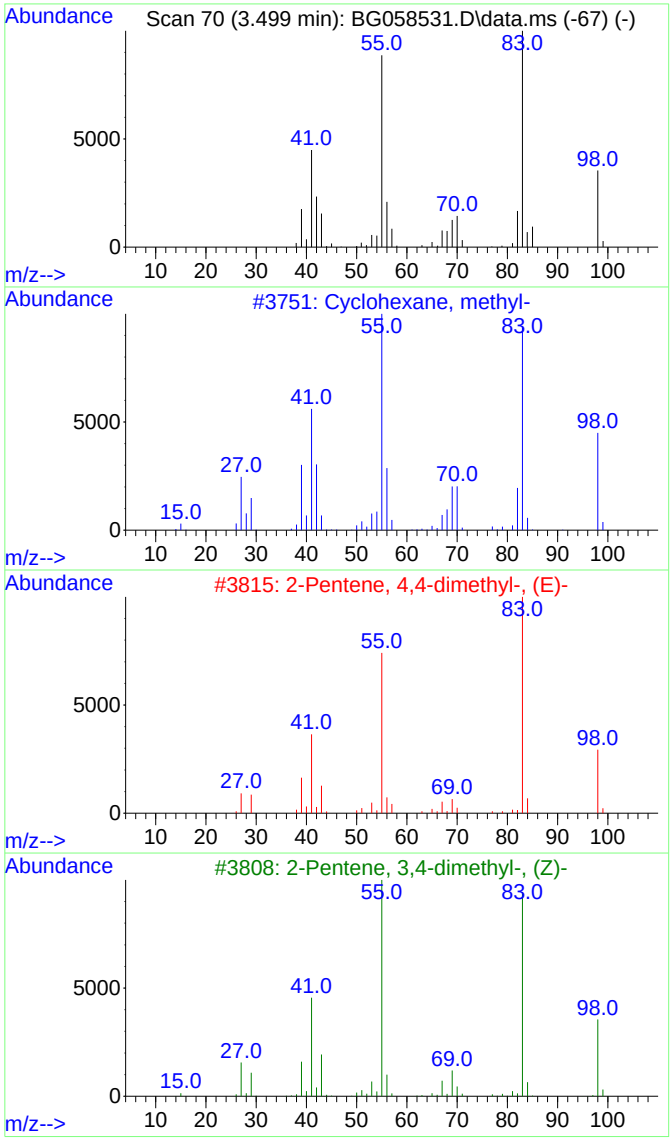
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

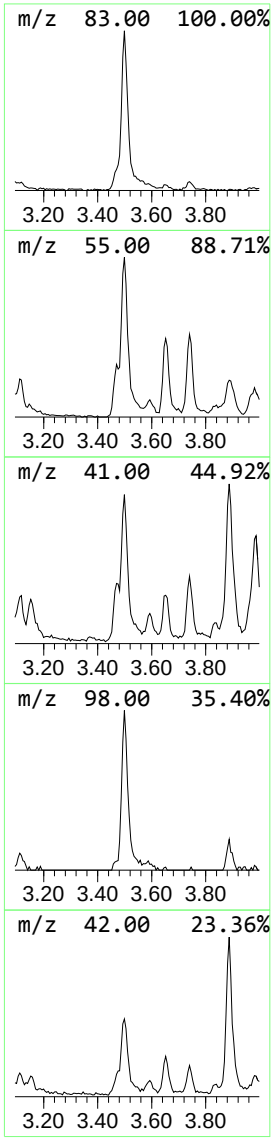
****

Peak Number 2 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.499	19.98 ng	314056	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	93
2	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	70
3	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	62
4	1H-Pyrazole, 4,5-dihydro-4,5-dim...	98	C5H10N2	028019-94-5	59
5	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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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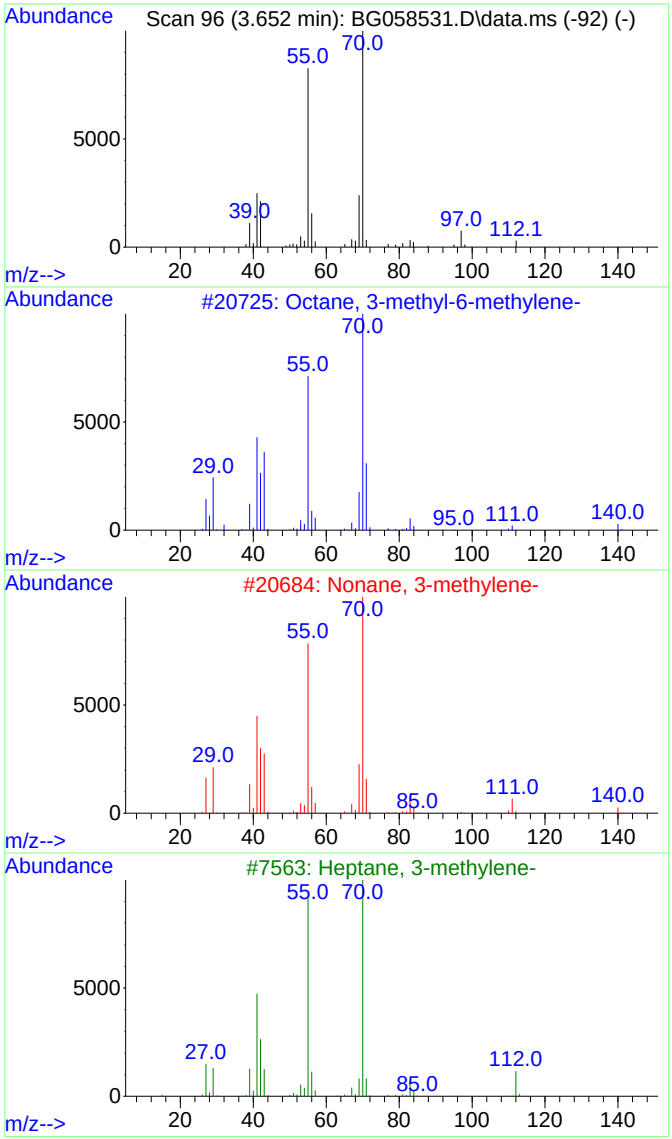
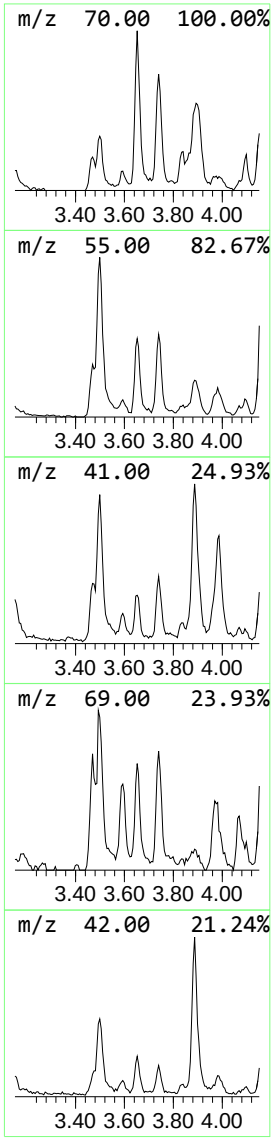
Peak Number 3 Octane, 3-methyl-6-methylene- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.652	6.65 ng	104464	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	83
2	Nonane, 3-methylene-	140	C10H20	051655-64-2	78
3	Heptane, 3-methylene-	112	C8H16	001632-16-2	72
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

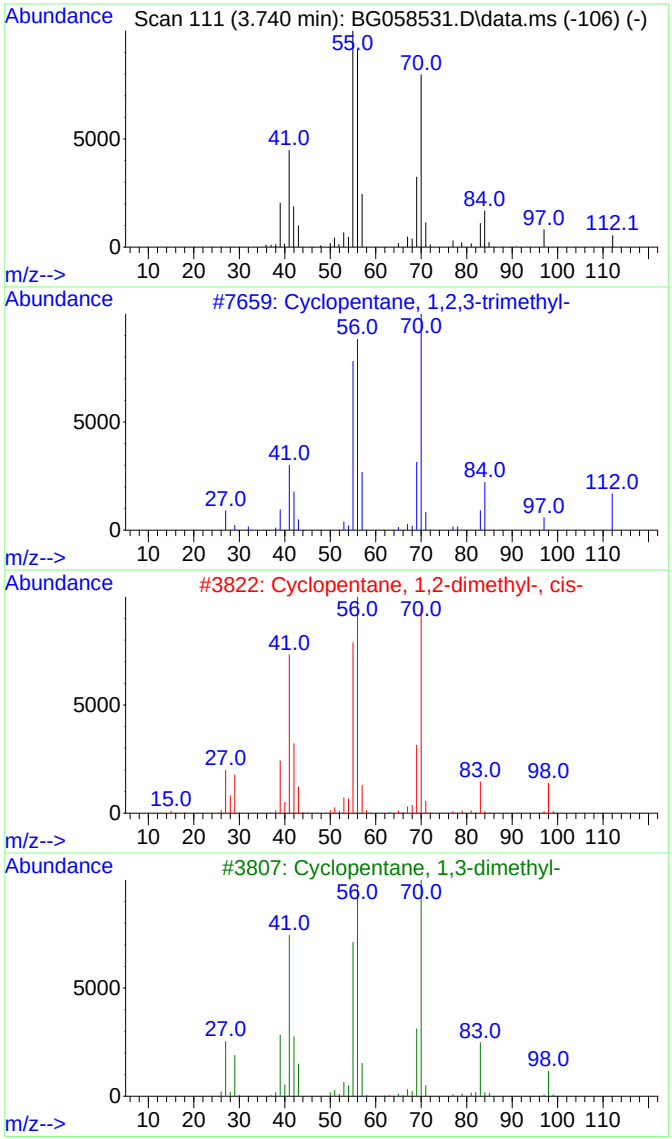
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

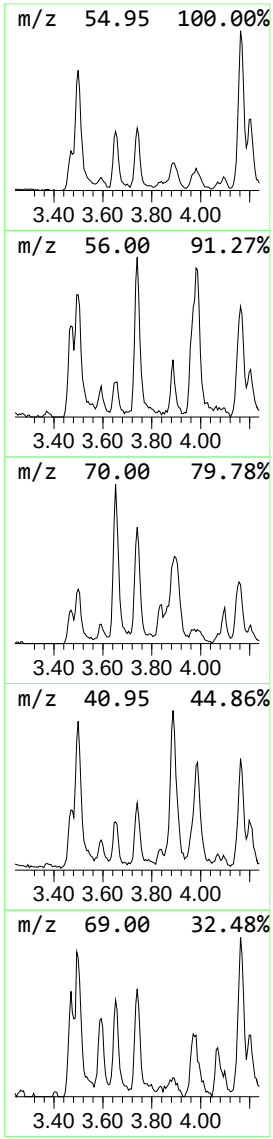
****

Peak Number 4 Cyclopentane, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.740	8.51 ng	133798	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,3-trimethyl-	112	C8H16	002815-57-8	91
2	Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	64
3	Cyclopentane, 1,3-dimethyl-	98	C7H14	002453-00-1	64
4	1-Octene, 3-methyl-	126	C9H18	013151-08-1	59
5	Cyclopentane, 1,2,3-trimethyl-, ...	112	C8H16	002613-69-6	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

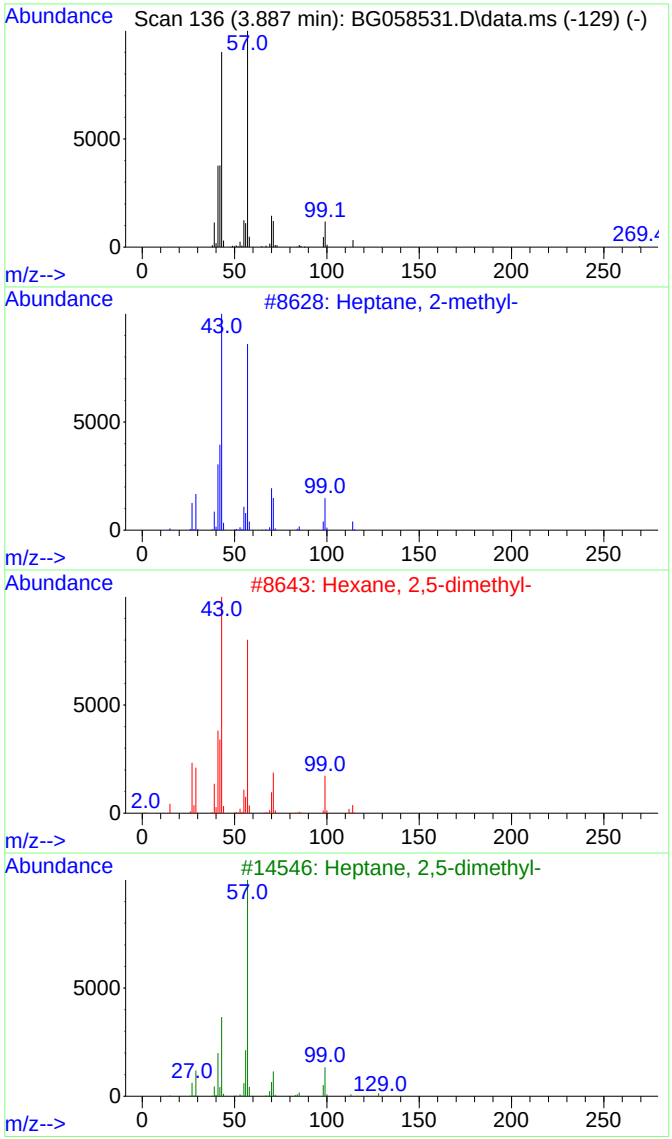
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

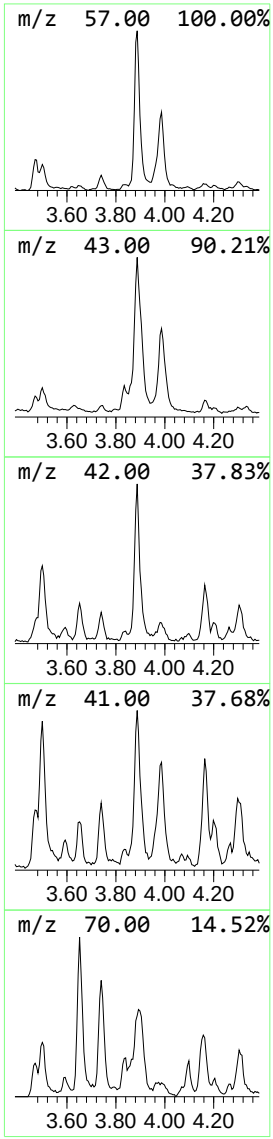
****

Peak Number 5 Heptane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.887	22.51 ng	353706	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2-methyl-	114	C8H18	000592-27-8	64
2	Hexane, 2,5-dimethyl-	114	C8H18	000592-13-2	59
3	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50
4	Heptane, 3-ethyl-	128	C9H20	015869-80-4	50
5	2-Piperidinone	99	C5H9NO	000675-20-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

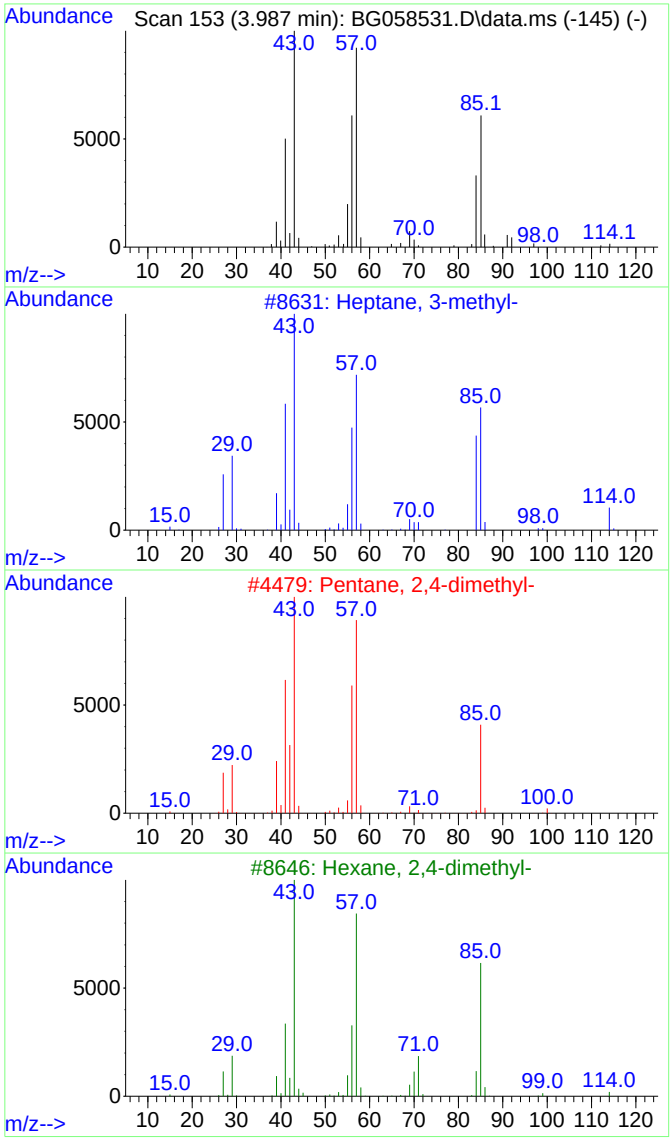
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

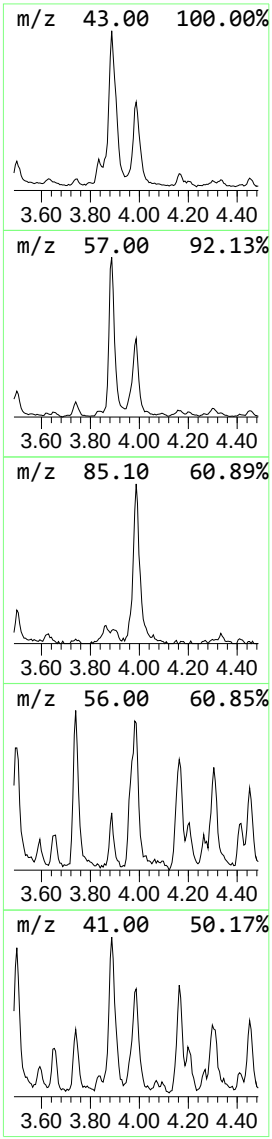
****

Peak Number 6 Heptane, 3-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.987	15.17 ng	238449	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-methyl-	114	C8H18	000589-81-1	78
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	64
3	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	58
4	Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	53
5	Hexane, 2,3,3-trimethyl-	128	C9H20	016747-28-7	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

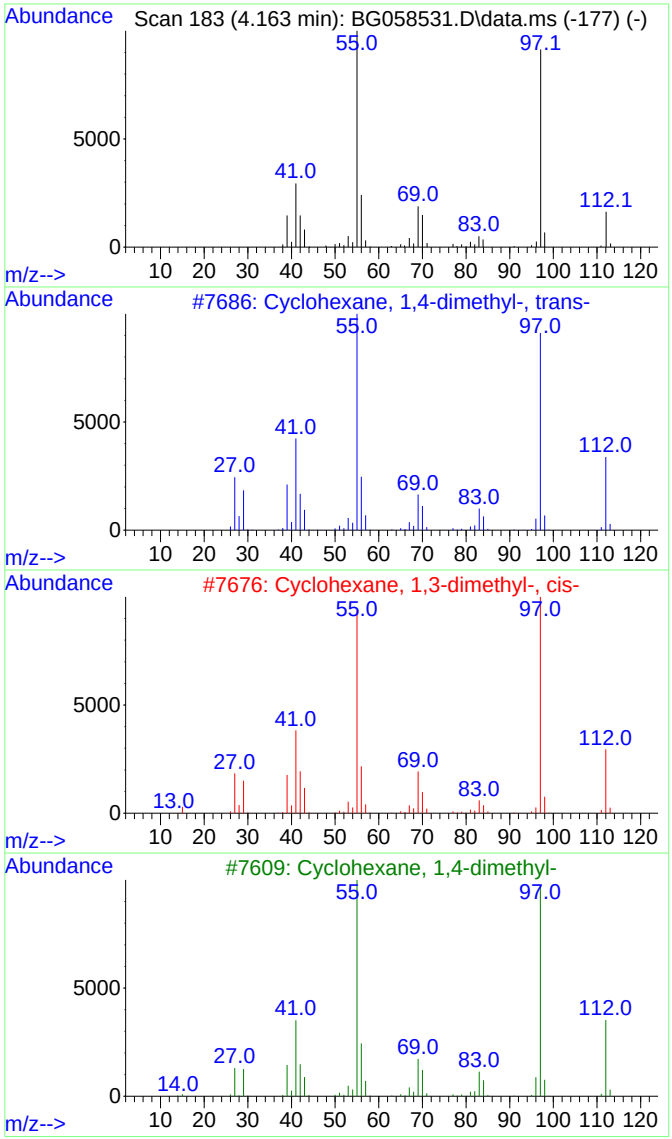
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

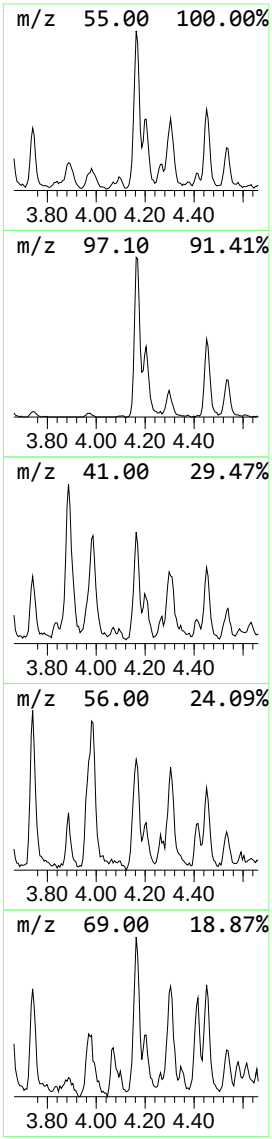
****

Peak Number 7 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.163	16.85 ng	264716	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
2	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	90
3	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	90
4	Cyclohexane, 1,3-dimethyl-	112	C8H16	000591-21-9	80
5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	58





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Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-(7-9)

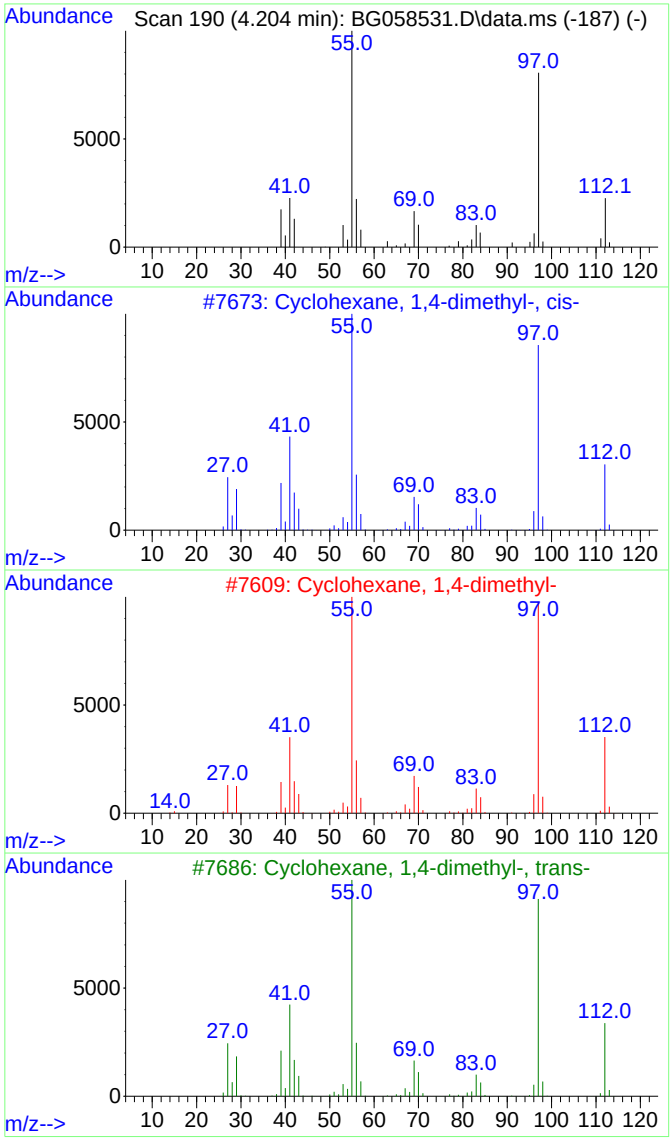
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

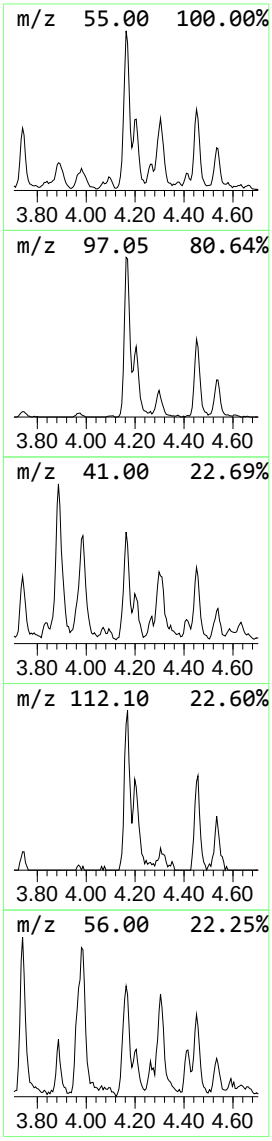
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1,4-dimethyl-,... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.204	6.62 ng	104056	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	94
2	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	91
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	91
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	90
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	86





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Misc :
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ClientSampleId :
SB-03-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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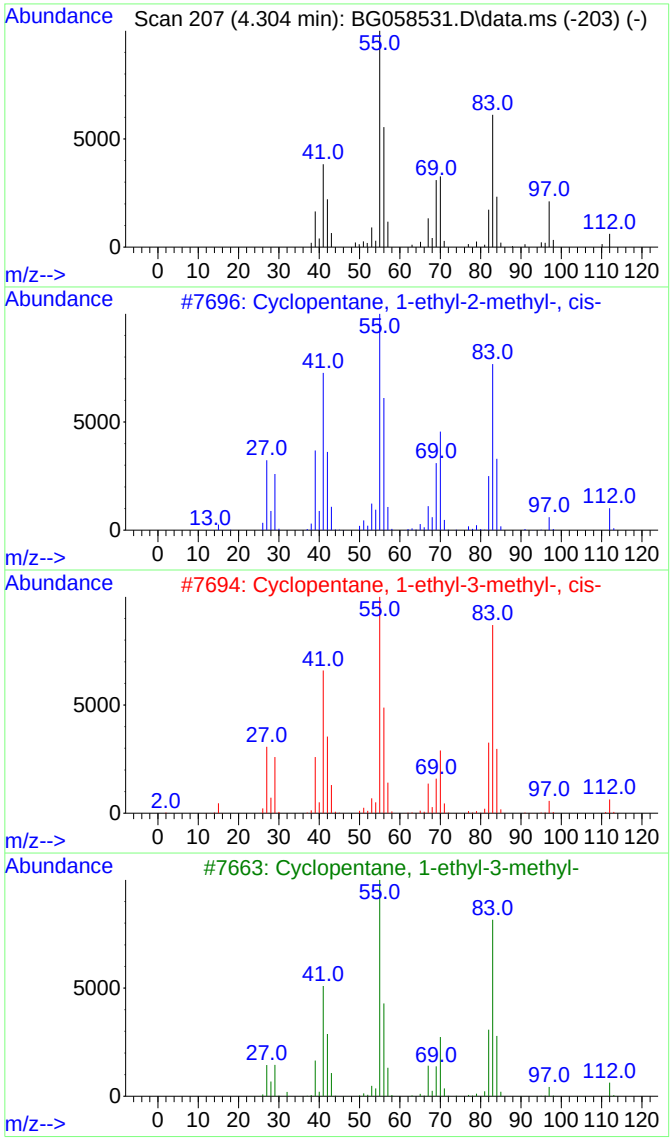
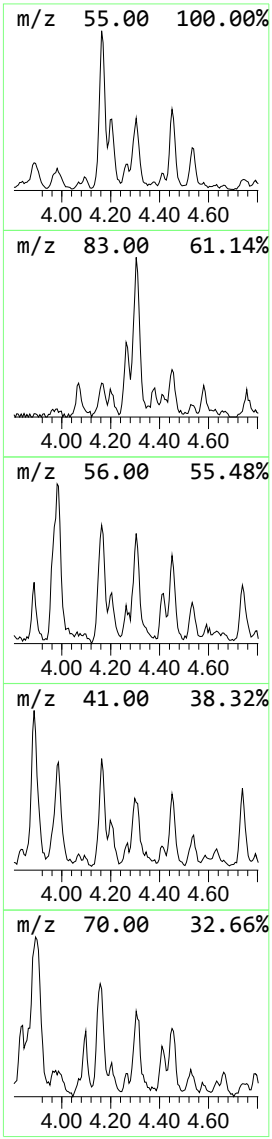
Peak Number 9 Cyclopentane, 1-ethyl-2-met... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.304	10.58 ng	166321	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	91
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	62
3	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	62
4	6-Oxabicyclo[3.1.0]hexane	84	C5H8O	000285-67-6	43
5	2-Pentene, 3-ethyl-2-methyl-	112	C8H16	019780-67-7	43





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ClientSampleId :
SB-03-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

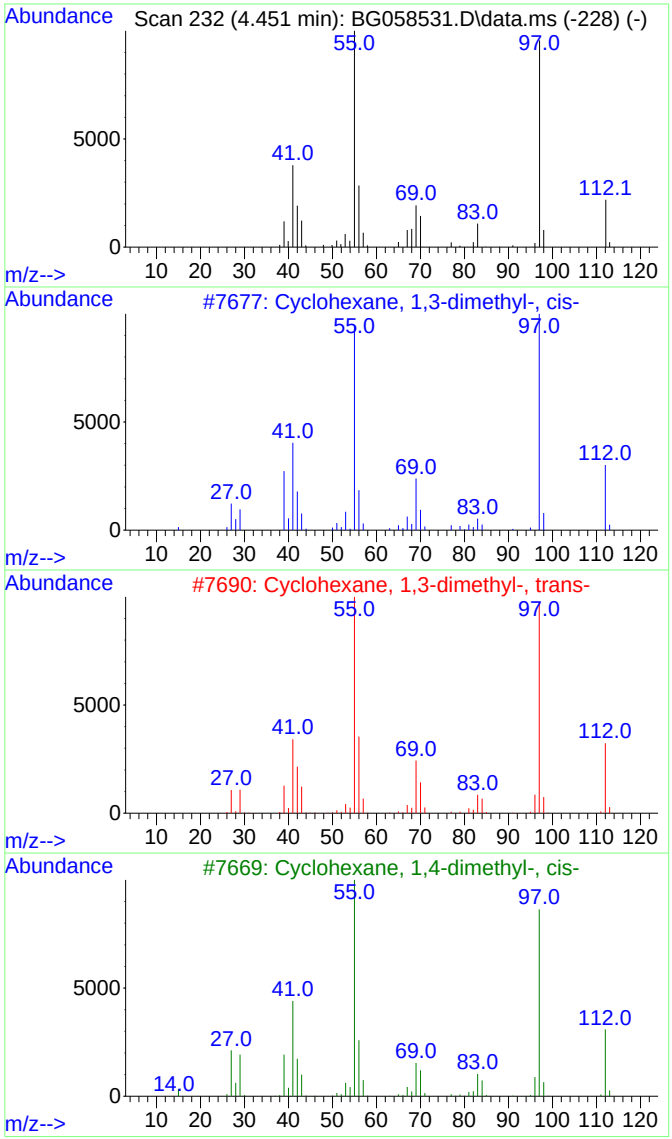
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

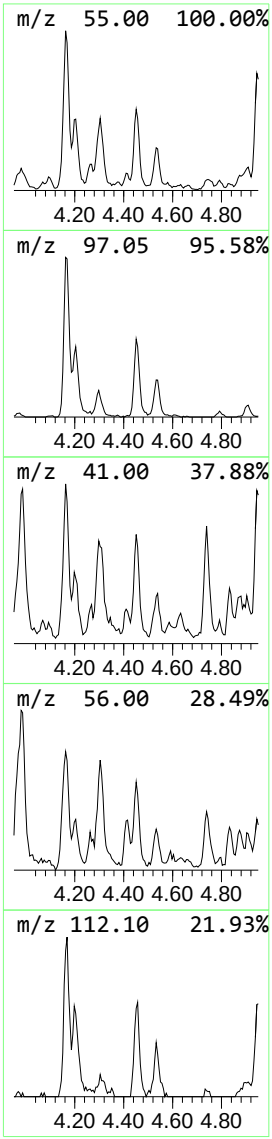
****

Peak Number 10 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.451	9.24 ng	145147	1,4-Dichlorobenzene-d4	7.812

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





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Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-03-(7-9)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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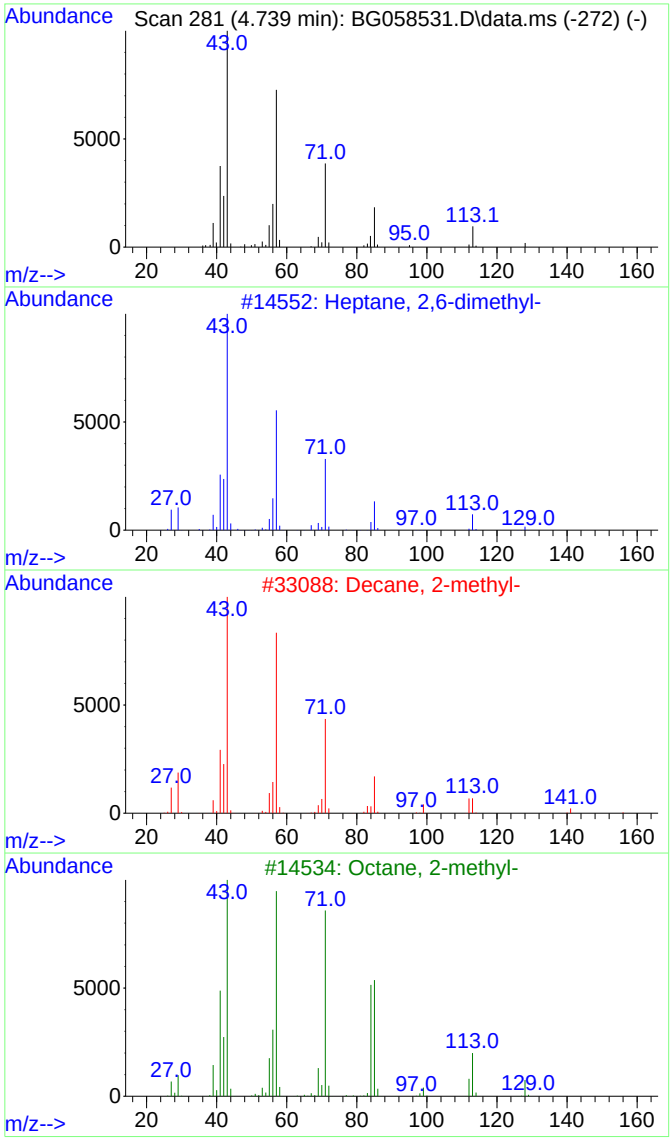
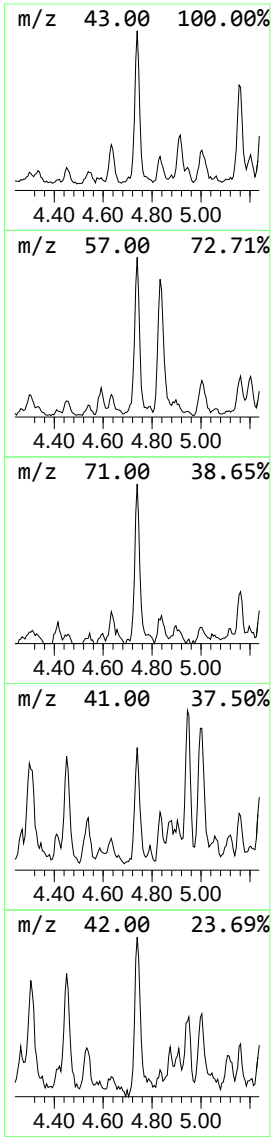
Peak Number 11 Heptane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.739	9.32 ng	146408	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Decane, 2-methyl-	156	C11H24	006975-98-0	78
3	Octane, 2-methyl-	128	C9H20	003221-61-2	78
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	59
5	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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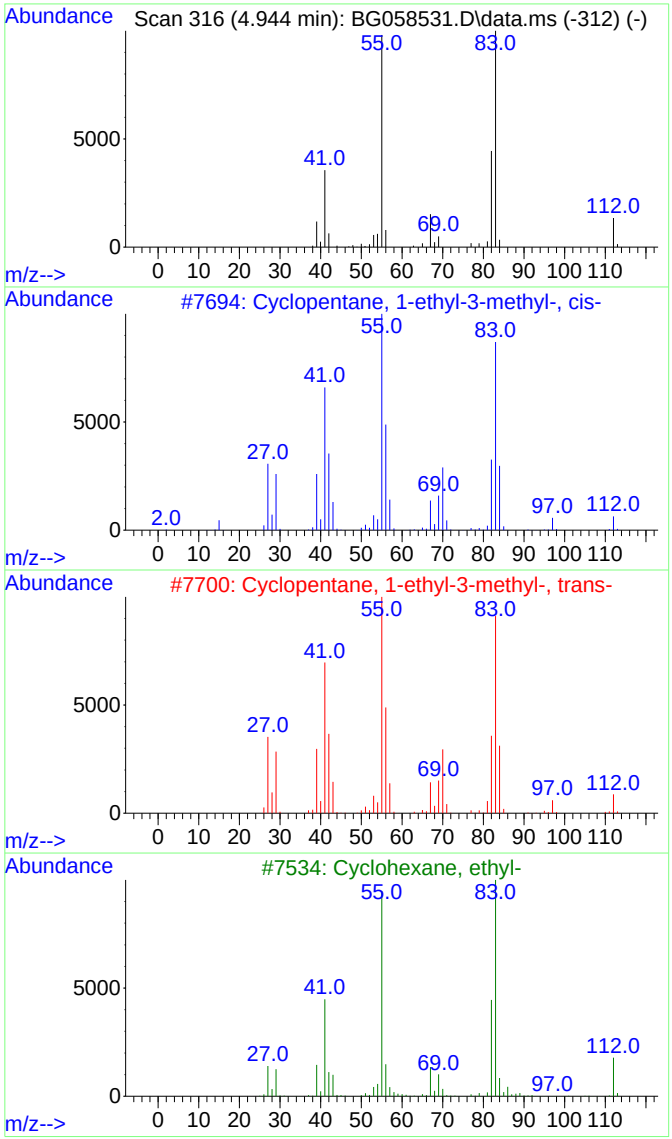
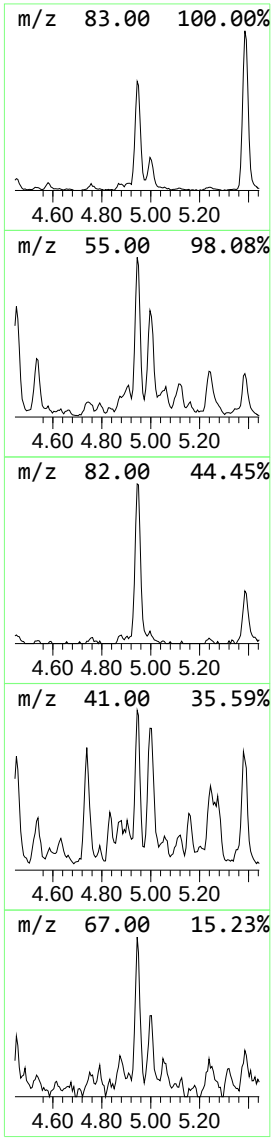
Peak Number 12 Cyclopentane, 1-ethyl-3-met... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.944	9.96 ng	156453	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	78
2	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	78
3	Cyclohexane, ethyl-	112	C8H16	001678-91-7	78
4	Hexanal 2E-hexenyl 3Z-hexenyl ac...	282	C18H34O2	1000431-43-4	53
5	2-Hexene, 2,3-dimethyl-	112	C8H16	007145-20-2	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

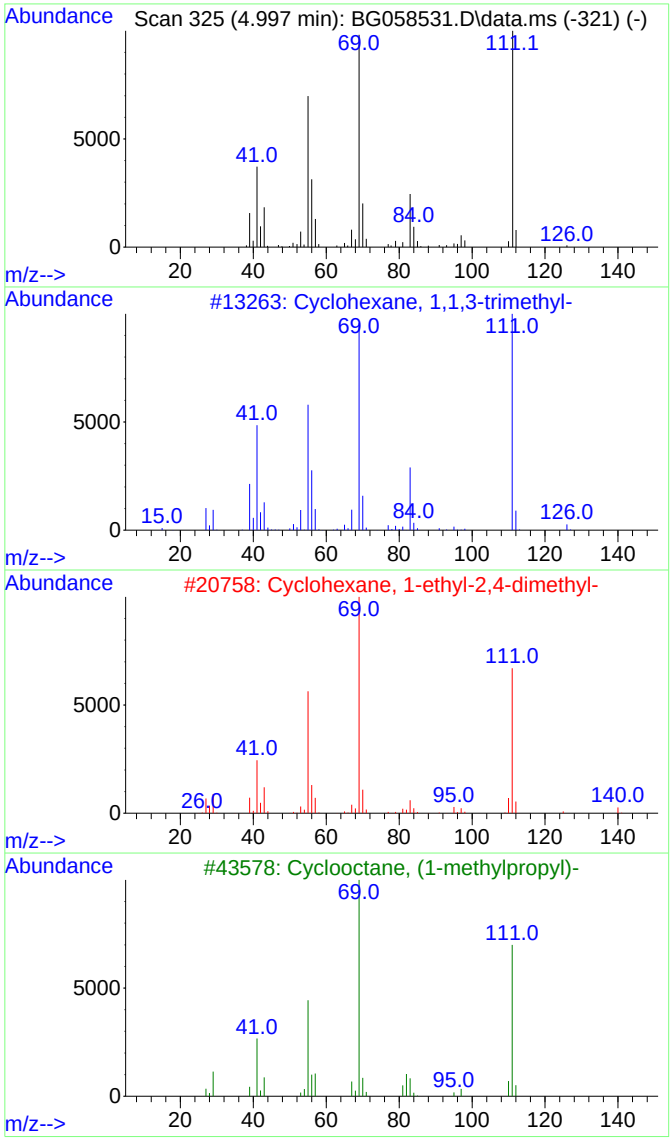
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

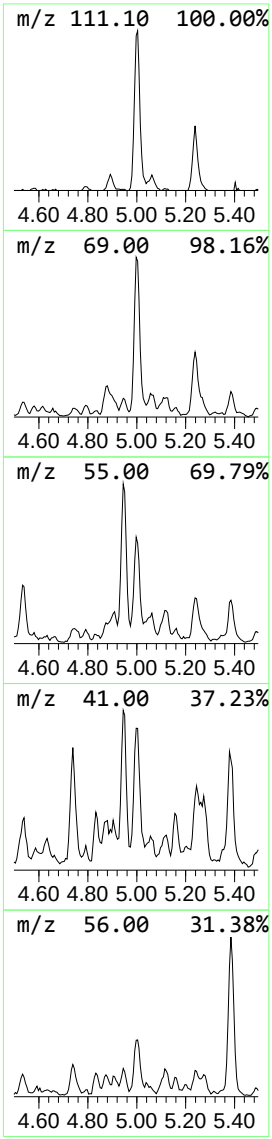
****

Peak Number 13 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.997	13.06 ng	205185	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	78
2	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	64
3	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	64
4	2,4,6-Trimethyl-1,5-diazabicyclo...	126	C7H14N2	1000283-21-2	59
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	59





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Instrument :
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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

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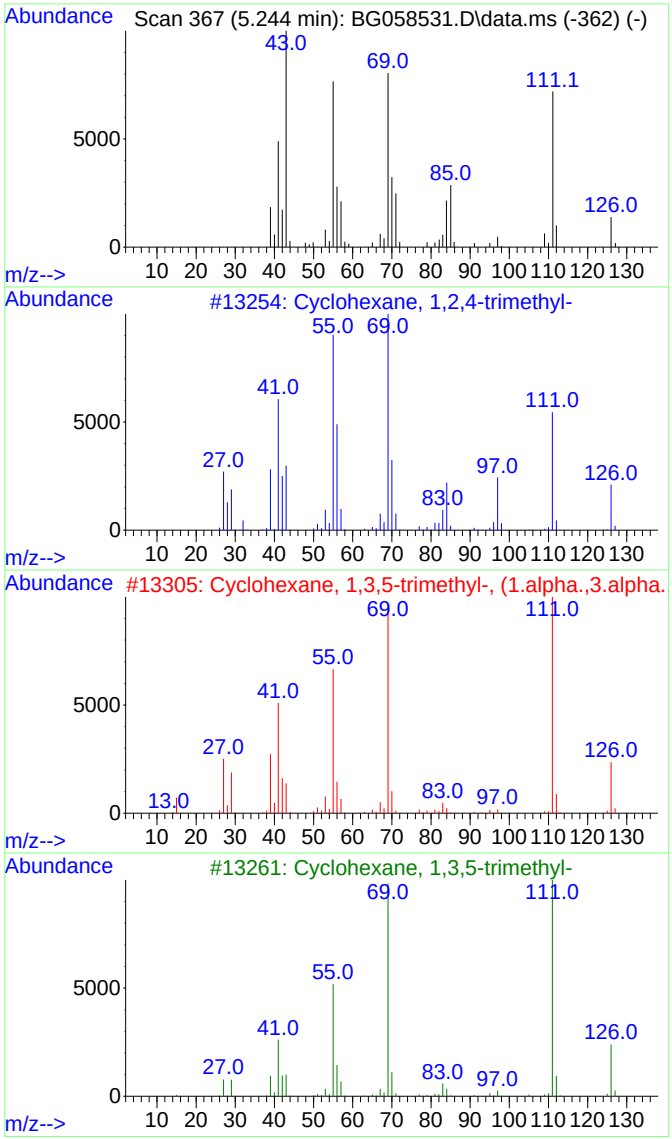
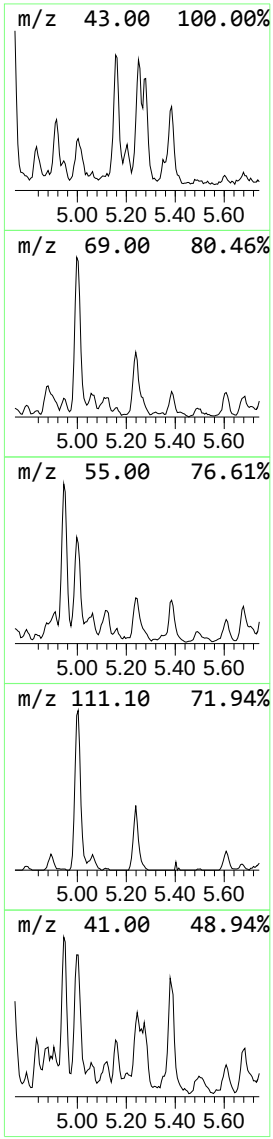
Peak Number 14 Cyclohexane, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.244	7.99 ng	125532	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	49
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	49
4	3-Hexene, 2,5-dimethyl-	112	C8H16	015910-22-2	41
5	Pentane, 3-methylene-	84	C6H12	000760-21-4	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

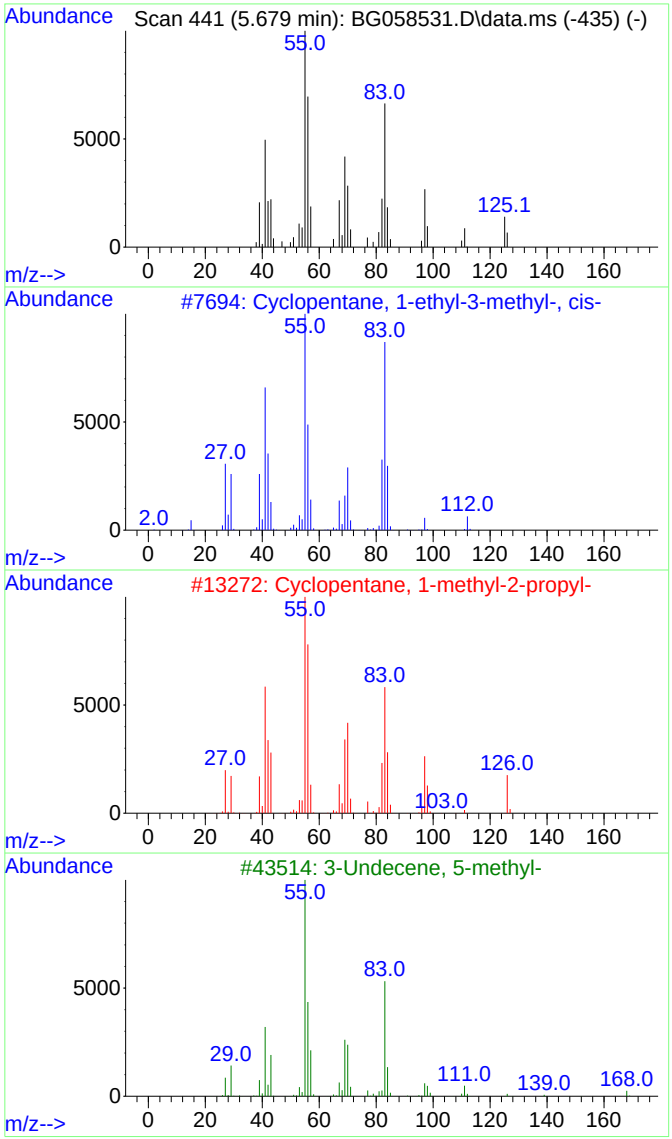
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

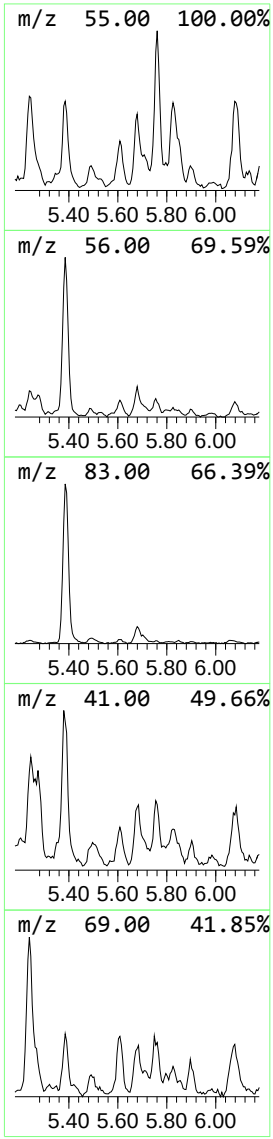
****

Peak Number 15 Cyclopentane, 1-methyl-2-pr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.679	6.13 ng	96344	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-66-3	59
2	Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	59
3	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	53
4	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	43
5	1-Nonanol	144	C9H20O	000143-08-8	38





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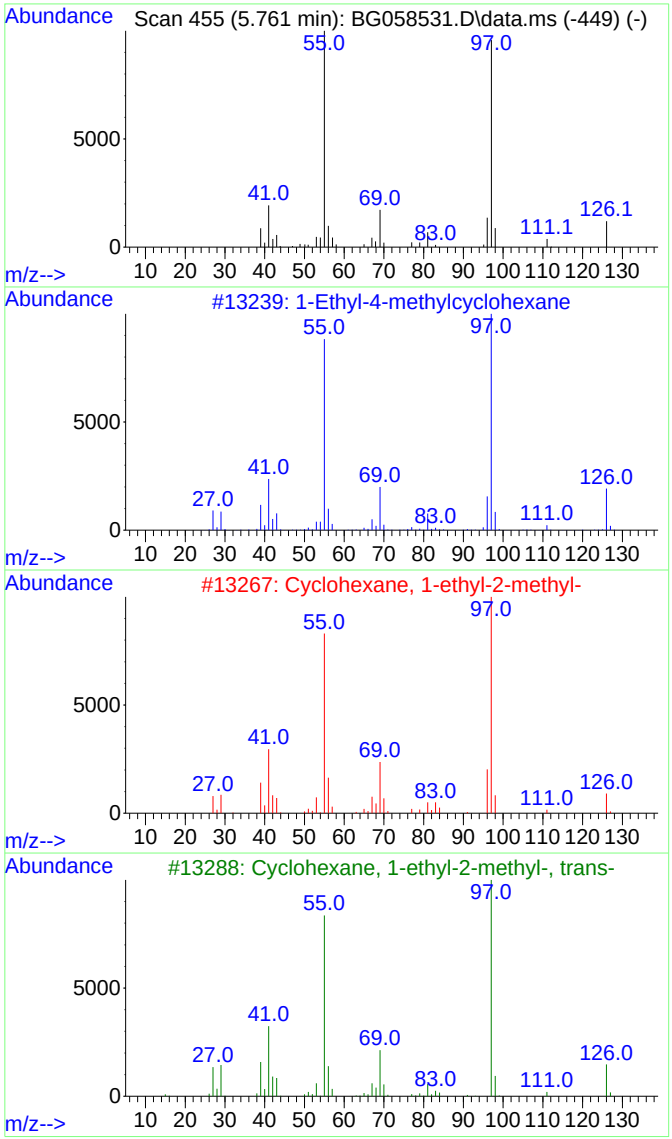
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

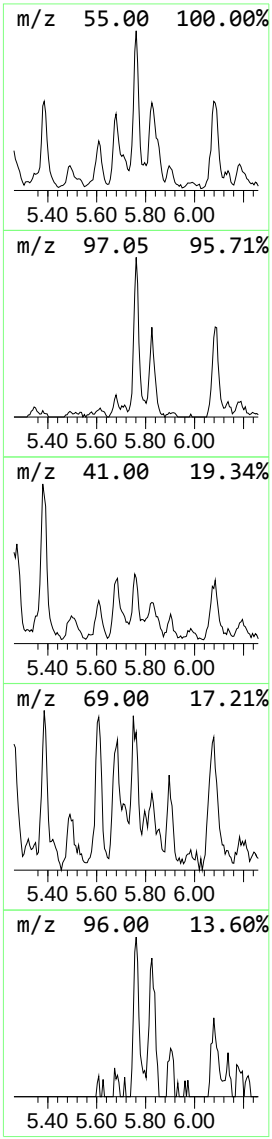
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 1-Ethyl-4-methylcyclohexane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.761	5.61 ng	88143	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	80
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	72
4	Sulfurous acid, cyclohexylmethyl...	374	C21H42O3S	1000309-22-2	64
5	Cycloheptanemethanol	128	C8H16O	004448-75-3	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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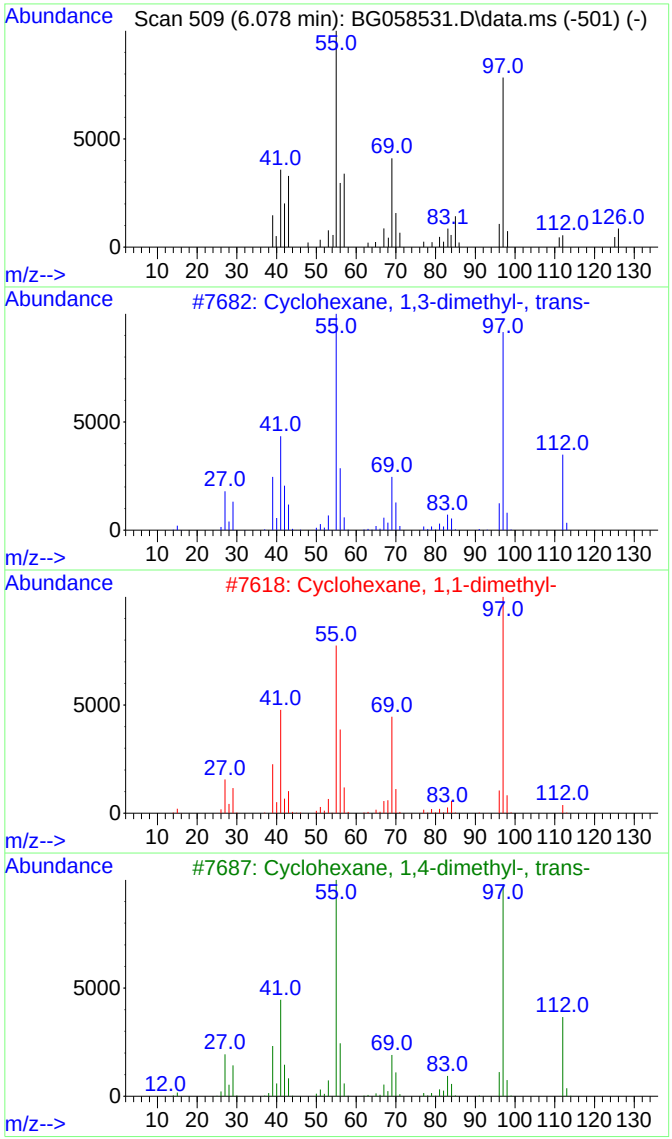
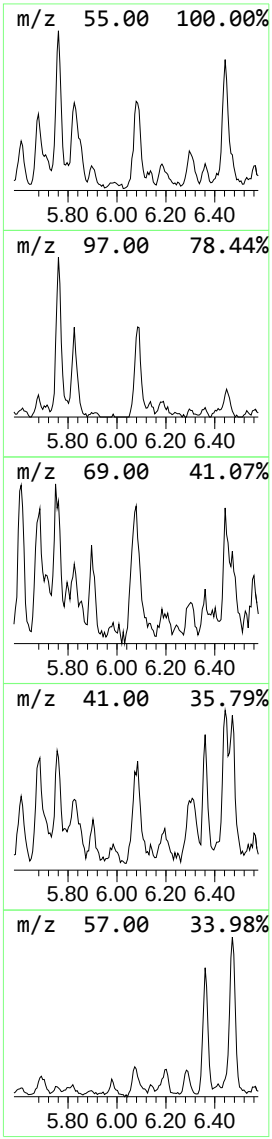
Peak Number 17 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.078	6.47 ng	101696	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	81
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	70
3	Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	64
5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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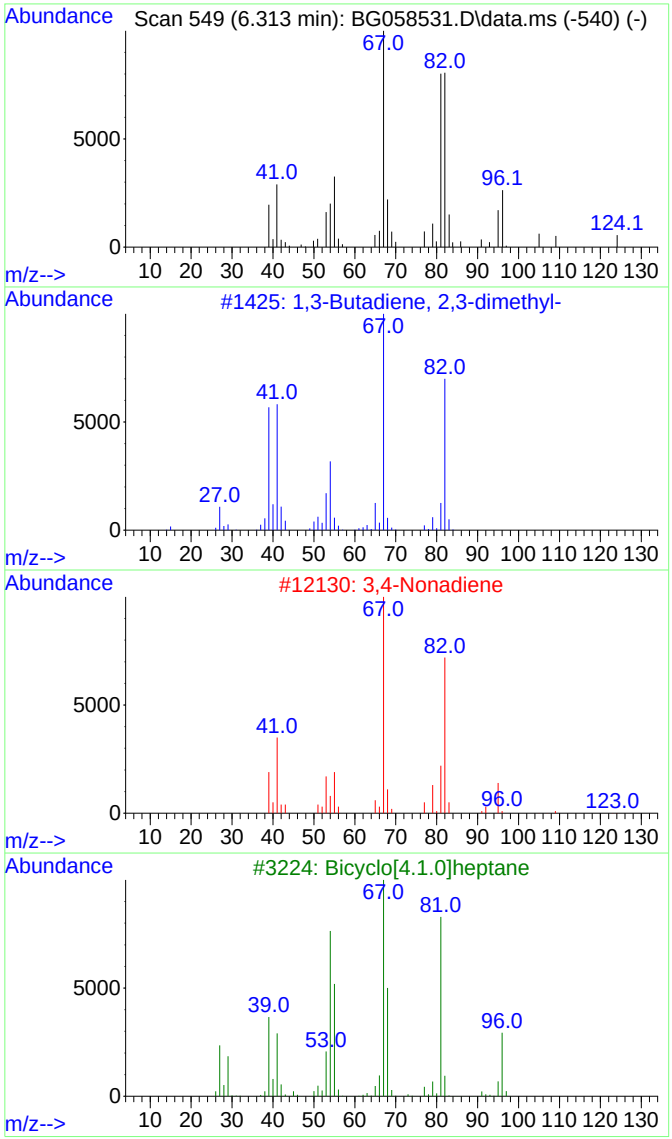
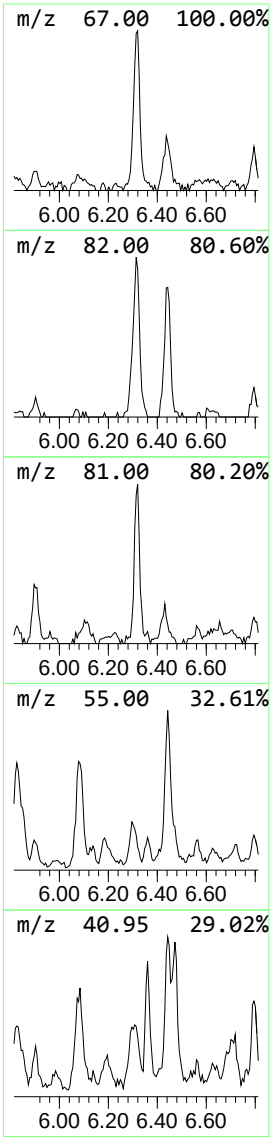
Peak Number 18 unknown6.313 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.313	5.85 ng	91913	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Butadiene, 2,3-dimethyl-	82	C6H10	000513-81-5	47
2	3,4-Nonadiene	124	C9H16	037050-03-6	47
3	Bicyclo[4.1.0]heptane	96	C7H12	000286-08-8	46
4	Methylenecyclooctane	124	C9H16	003618-18-6	43
5	(Z)-Hex-3-enyl isobutyl carbonate	200	C11H20O3	1000372-75-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

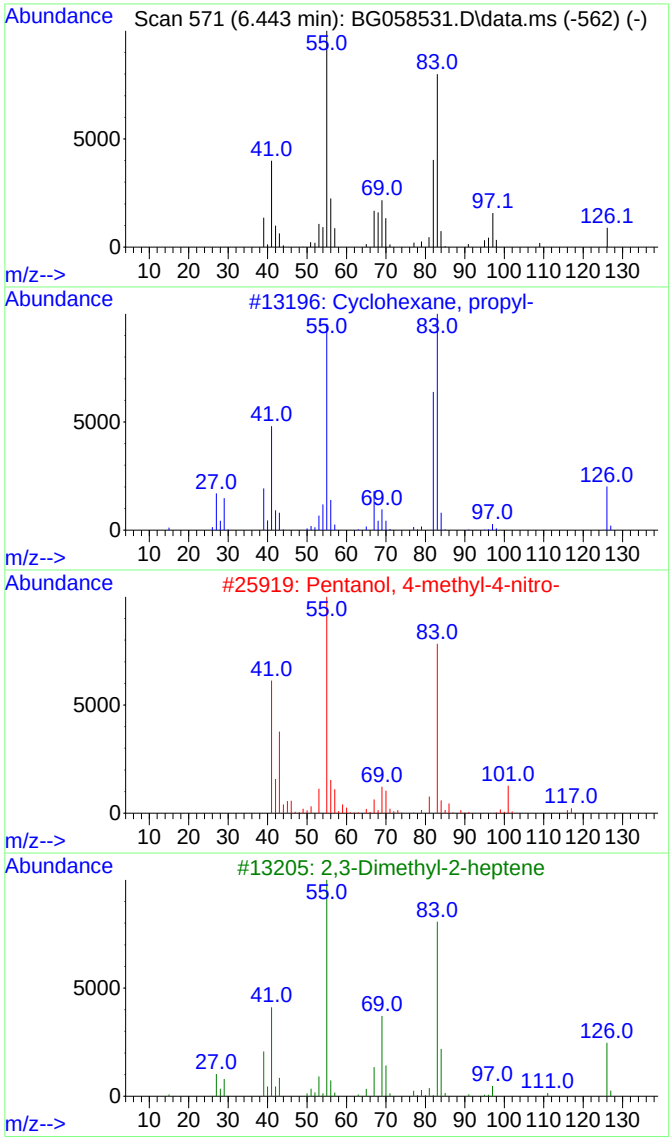
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

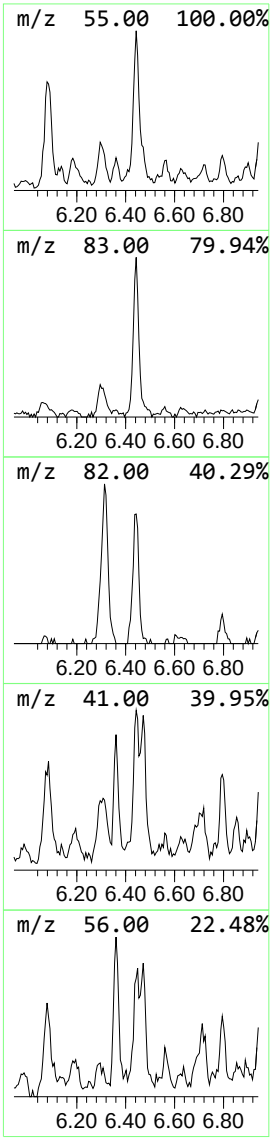
****

Peak Number 19 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.443	7.25 ng	113950	1,4-Dichlorobenzene-d4	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	64
2	Pentanol, 4-methyl-4-nitro-	147	C6H13NO3	005215-92-9	47
3	2,3-Dimethyl-2-heptene	126	C9H18	003074-64-4	47
4	4-Hexen-2-one, 3,4-dimethyl-	126	C8H14O	053252-21-4	43
5	Hexane, 3-methyl-4-methylene-	112	C8H16	003404-67-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

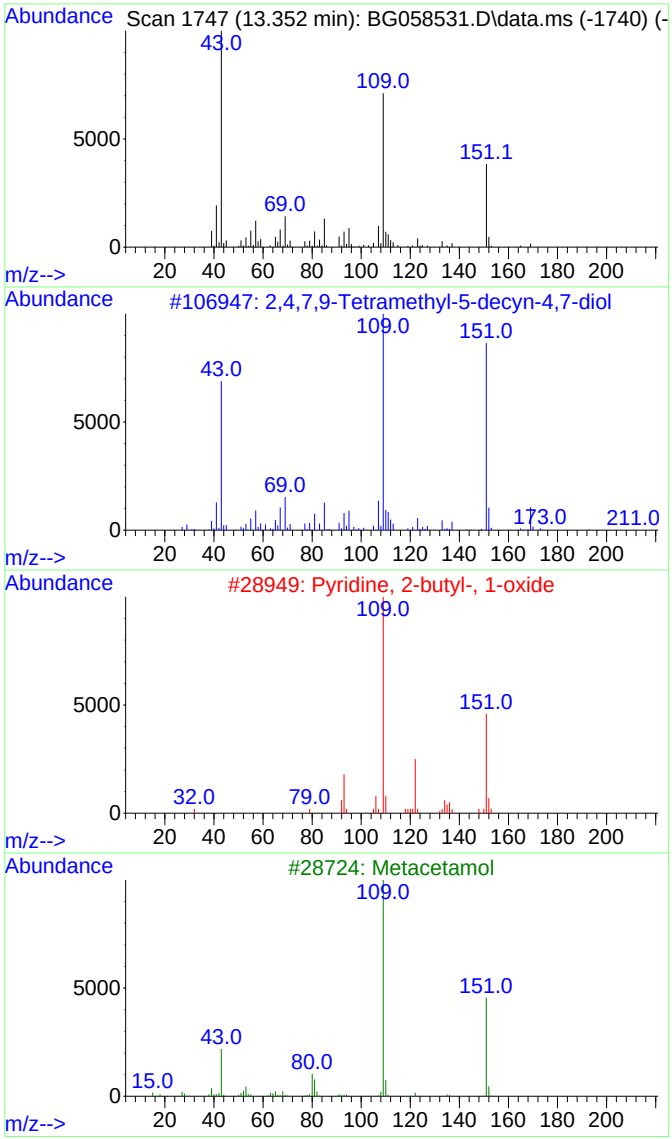
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

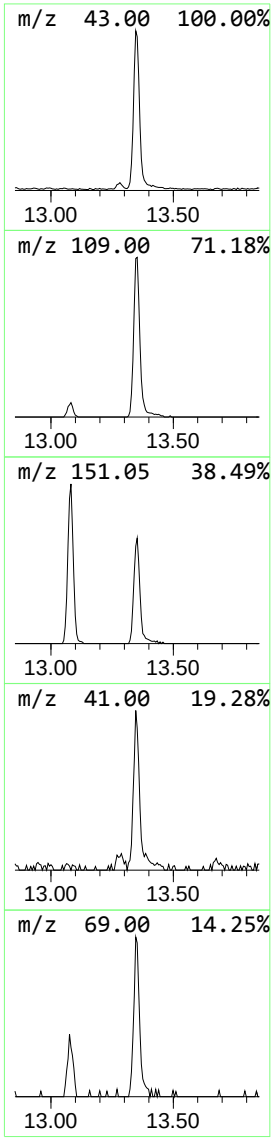
****

Peak Number 20 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.352	7.96 ng	243834	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
3	Metacetamol	151	C8H9NO2	000621-42-1	52
4	Acetaminophen	151	C8H9NO2	000103-90-2	52
5	m-Isopropoxyaniline	151	C9H13NO	041406-00-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072823\
Data File : BG058531.D
Acq On : 28 Jul 2023 23:51
Operator : MA/JU
Sample : 03632-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-03-(7-9)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.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
Cyclopentane, 1...	3.470	6.8	ng	106688	1	7.812	314292	20.0
Cyclohexane, me...	3.499	20.0	ng	314056	1	7.812	314292	20.0
Octane, 3-methy...	3.652	6.7	ng	104464	1	7.812	314292	20.0
Cyclopentane, 1...	3.740	8.5	ng	133798	1	7.812	314292	20.0
Heptane, 2-methyl-	3.887	22.5	ng	353706	1	7.812	314292	20.0
Heptane, 3-methyl-	3.987	15.2	ng	238449	1	7.812	314292	20.0
Cyclohexane, 1,...	4.163	16.9	ng	264716	1	7.812	314292	20.0
Cyclohexane, 1,...	4.204	6.6	ng	104056	1	7.812	314292	20.0
Cyclopentane, 1...	4.304	10.6	ng	166321	1	7.812	314292	20.0
Cyclohexane, 1,...	4.451	9.2	ng	145147	1	7.812	314292	20.0
Heptane, 2,6-di...	4.739	9.3	ng	146408	1	7.812	314292	20.0
Cyclopentane, 1...	4.944	10.0	ng	156453	1	7.812	314292	20.0
Cyclohexane, 1,...	4.997	13.1	ng	205185	1	7.812	314292	20.0
Cyclohexane, 1,...	5.244	8.0	ng	125532	1	7.812	314292	20.0
Cyclopentane, 1...	5.679	6.1	ng	96344	1	7.812	314292	20.0
1-Ethyl-4-methy...	5.761	5.6	ng	88143	1	7.812	314292	20.0
Cyclohexane, 1,...	6.078	6.5	ng	101696	1	7.812	314292	20.0
unknown6.313	6.313	5.8	ng	91913	1	7.812	314292	20.0
Cyclohexane, pr...	6.443	7.3	ng	113950	1	7.812	314292	20.0
2,4,7,9-Tetrame...	13.352	8.0	ng	243834	3	14.463	612931	20.0