LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060816\
Data File : BG022250.D
Acq On : 9 Jun 2016 2:05
Operator : UM/SJ
Sample : H3381-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-24

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.663	475	481	492	rBV	164716	317051	13.86%	2.987%
2	7.279	747	756	768	rBV	111397	225749	9.87%	2.127%
3	7.649	811	819	831	rBV	386681	766264	33.50%	7.220%
4	8.113	890	898	906	rBV	80036	155755	6.81%	1.467%
5	8.442	945	954	966	rBV	387632	768373	33.59%	7.239%
6	9.288	1090	1098	1109	rBV	285849	588580	25.73%	5.545%
7	10.111	1231	1238	1249	rBV	8227	25233	1.10%	0.238%
8	10.933	1372	1378	1387	rBV	132911	260642	11.40%	2.456%
9	11.409	1454	1459	1465	rVB5	15713	30730	1.34%	0.290%
10	11.926	1543	1547	1550	rBV3	16994	25456	1.11%	0.240%
11	11.967	1550	1554	1559	rVV7	13519	27086	1.18%	0.255%
12	12.197	1586	1593	1603	rBV6	19367	47899	2.09%	0.451%
13	13.260	1770	1774	1782	rVB2	35099	57672	2.52%	0.543%
14	13.366	1785	1792	1800	rBV	1033900	1793109	78.39%	16.894%
15	13.542	1815	1822	1832	rBV	19947	54750	2.39%	0.516%
16	14.159	1924	1927	1930	rBV2	21895	34931	1.53%	0.329%
17	14.200	1930	1934	1939	rVB2	42157	68473	2.99%	0.645%
18	14.488	1978	1983	1989	rVB8	13137	26713	1.17%	0.252%
19	14.564	1992	1996	2002	rVB5	22981	37567	1.64%	0.354%
20	14.747	2021	2027	2035	rVB2	246910	431045	18.85%	4.061%
21	16.233	2273	2280	2289	rBV	705816	1170119	51.16%	11.025%
22	16.445	2310	2316	2321	rVB8	15814	33934	1.48%	0.320%
23	17.490	2487	2494	2501	rBV	282167	471450	20.61%	4.442%
24	20.082	2929	2935	2946	rBV	1540735	2287277	100.00%	21.550%
25	21.762	3215	3221	3230	rBV	239688	456673	19.97%	4.303%
26	25.058	3772	3782	3794	rVB2	139504	451131	19.72%	4.250%

Sum of corrected areas: 10613662

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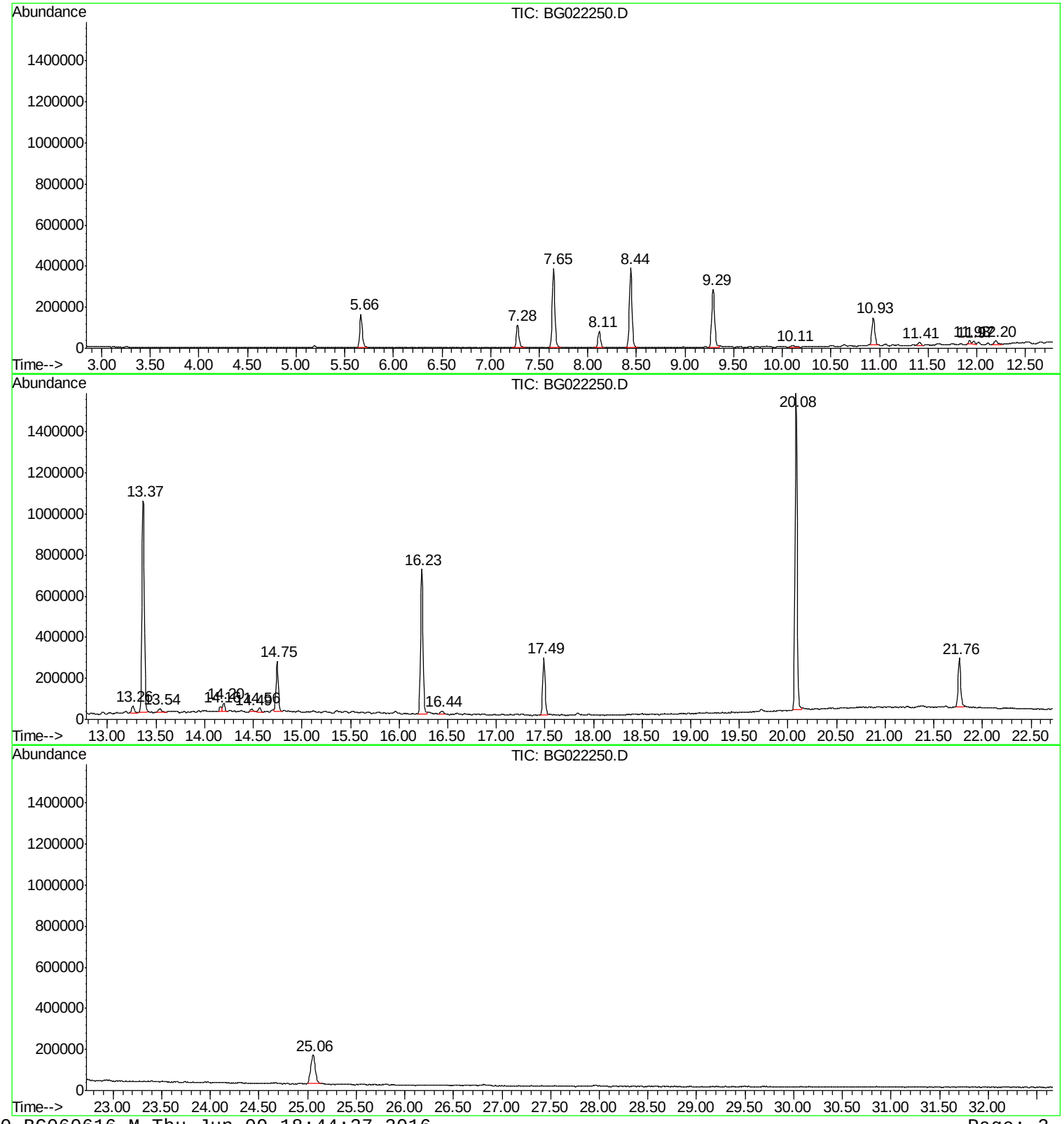
Instrument : BNA_G
ClientSampleId : W-24

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Operator : UM/SJ
Sample : H3381-08
Misc :
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Instrument : BNA_G
ClientSampleId : W-24

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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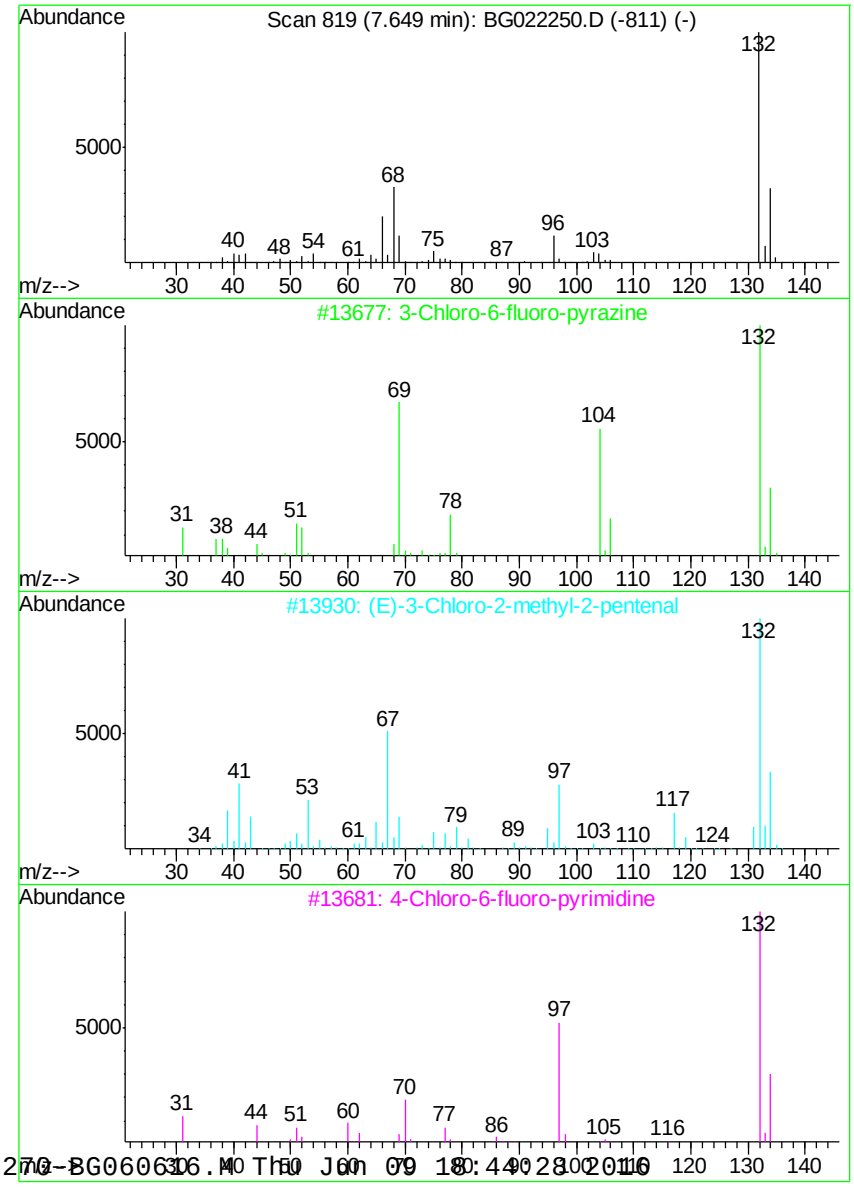
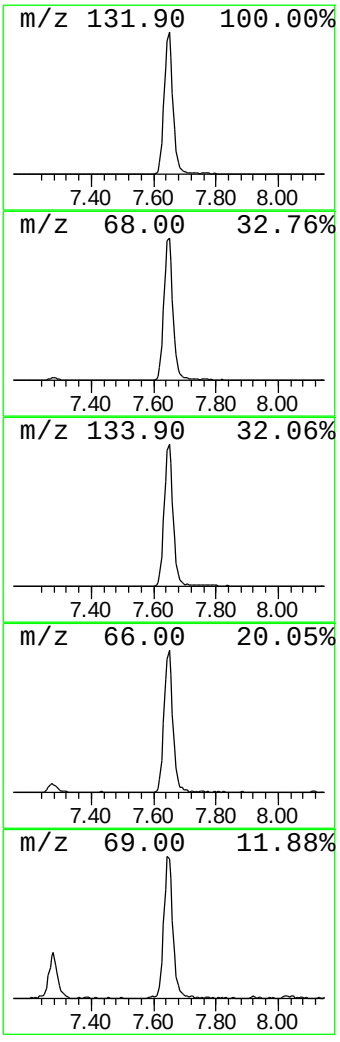
Peak Number 1 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	98.39 ng	766264	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	Xenon	132	Xe	007440-63-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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Instrument : BNA_G
ClientSampleId : W-24

Quant Title :

TIC Library : C:\DATABASE\NIST02.L
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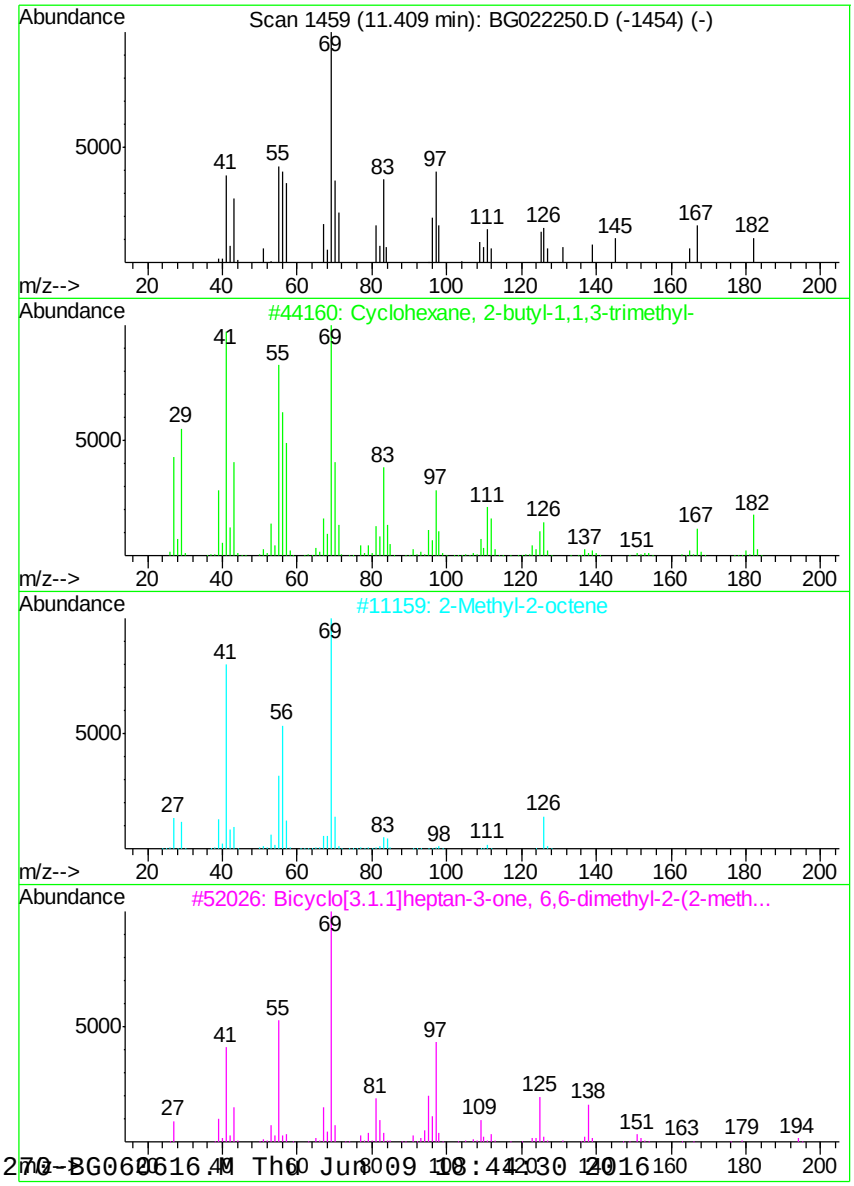
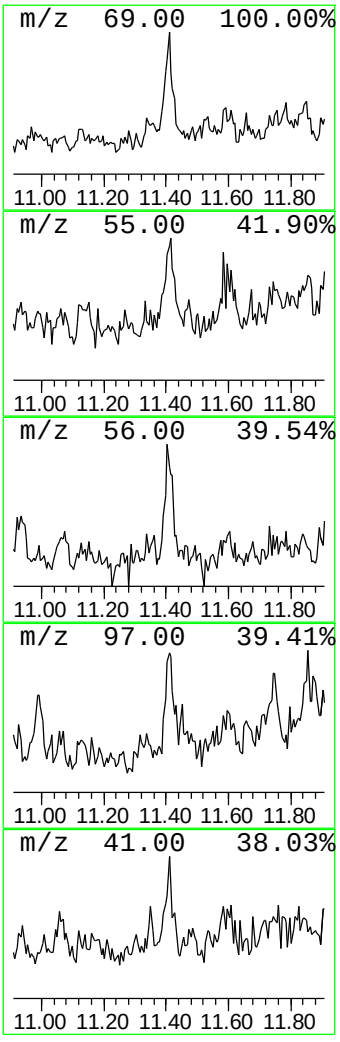
Peak Number 3 Cyclohexane, 2-butyl-1,1,3-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	2.36 ng	30730	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	74
2	2-Methyl-2-octene	126	C9H18	016993-86-5	43
3	Bicyclo[3.1.1]heptan-3-one, 6,6-...	194	C13H22O	1000163-97-9	43
4	Cyclopentane, propyl-	112	C8H16	002040-96-2	43
5	1,4-Bis(trifluoroacetyl)-3,6-bis...	418	C16H20F6N2O4	1000281-06-5	38





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : W-24

Quant Title :

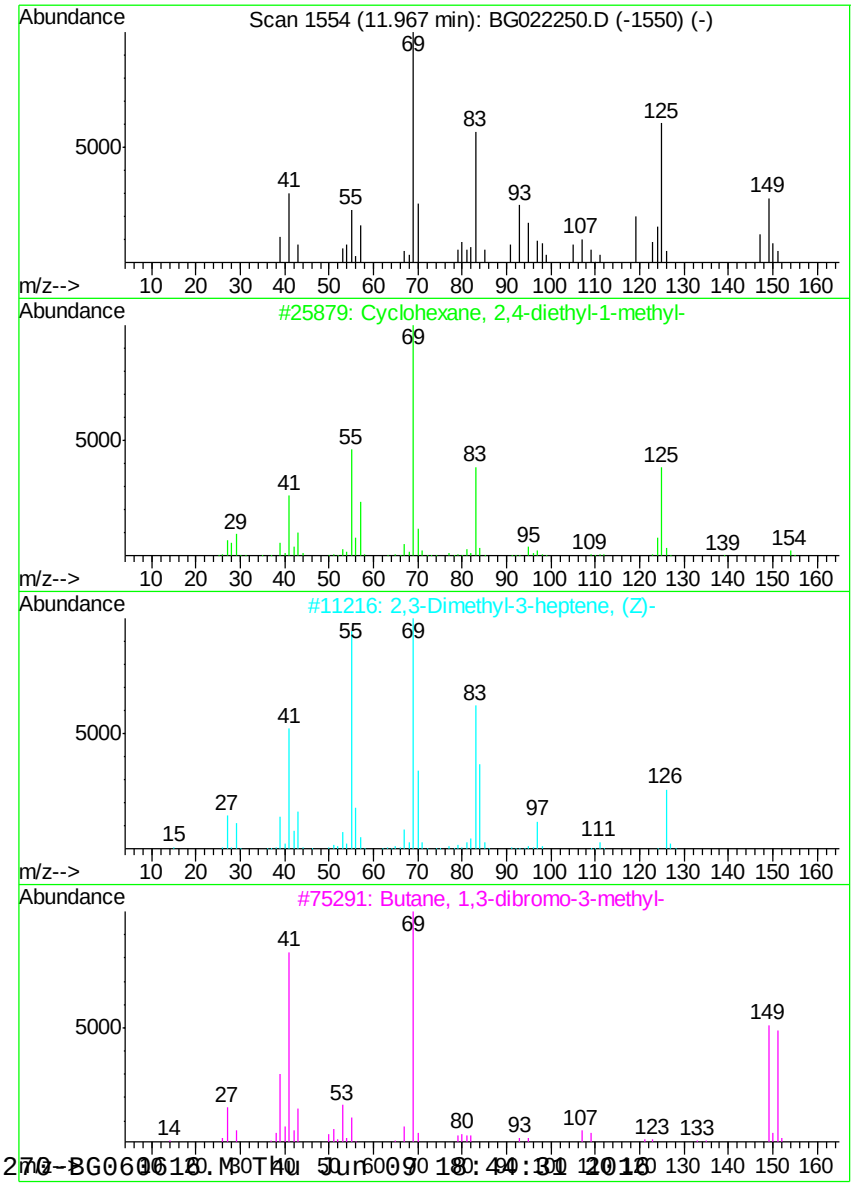
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

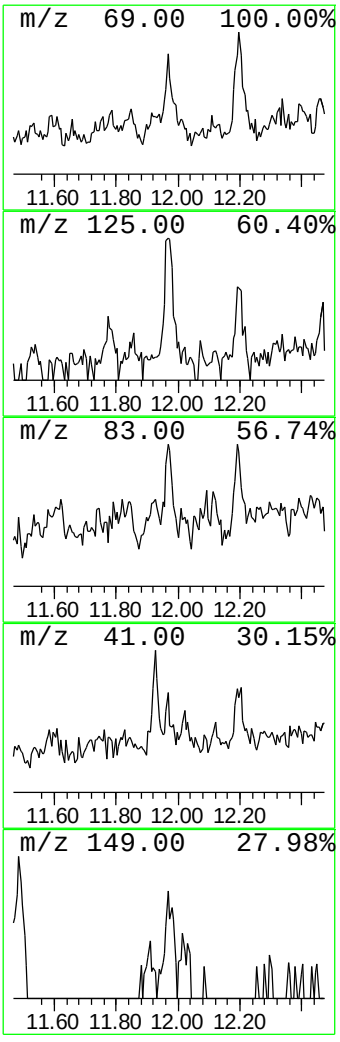
****

Peak Number 4 unknown11.97 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	2.08 ng	27086	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 2,4-diethyl-1-methyl-	154	C11H22	061142-70-9	42
2	2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	38
3	Butane, 1,3-dibromo-3-methyl-	228	C5H10Br2	024443-15-0	25
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	16
5	Cyclohexane, 1,3,5-trimethyl-2-o...	378	C27H54	055282-34-3	12





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Misc :
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Instrument : BNA_G
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Quant Title :

TIC Library : C:\DATABASE\NIST02.L
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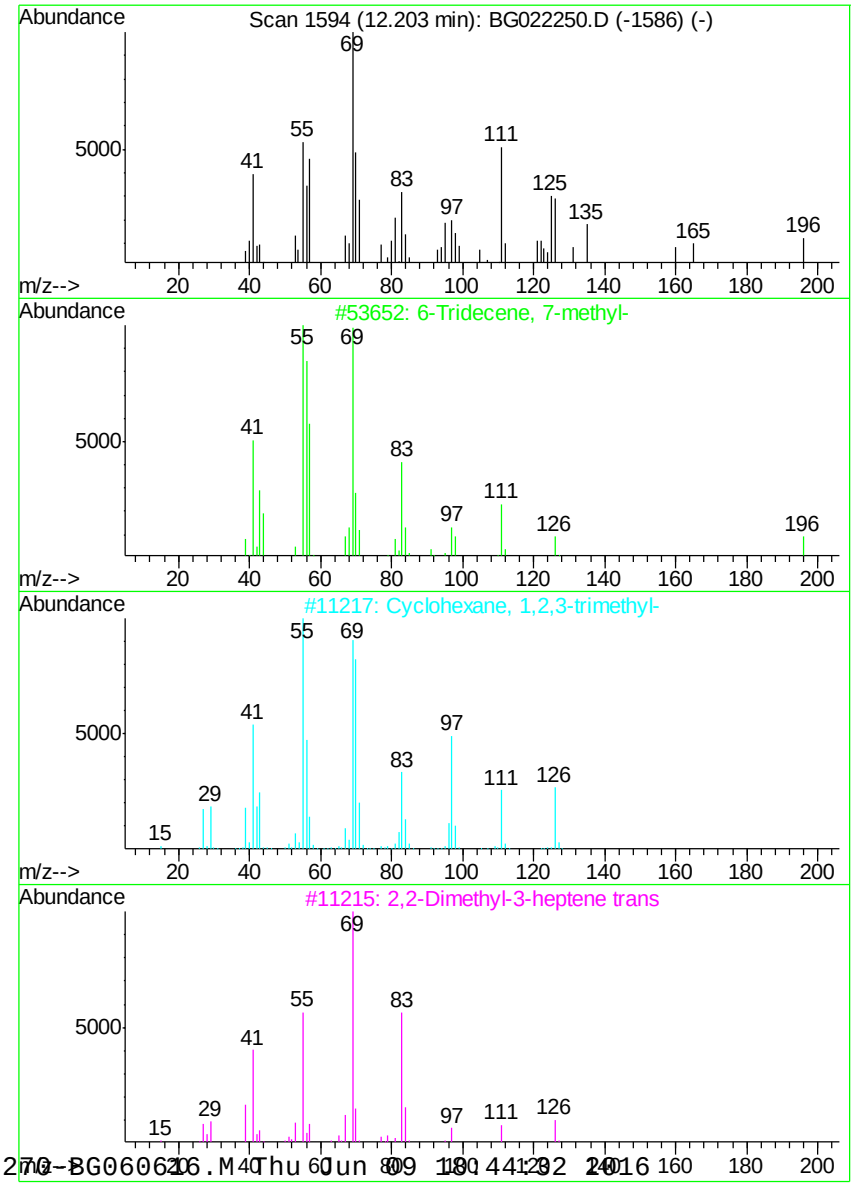
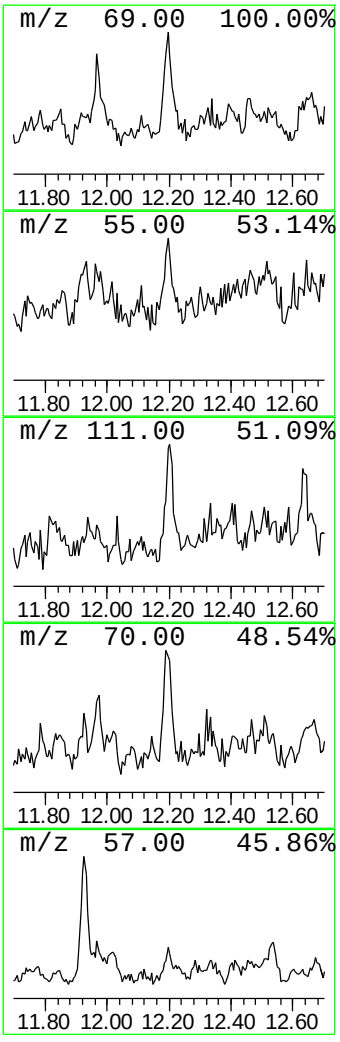
****

Peak Number 5 6-Tridecene, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.68 ng	47899	Naphthalene-d8	10.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	62
2	Cyclohexane, 1,2,3-trimethyl-	126	C9H18	001678-97-3	46
3	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	46
4	Cyclopropane, 1,1-dimethyl-2-nonyl-	196	C14H28	041977-38-2	43
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	43





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Quant Title :

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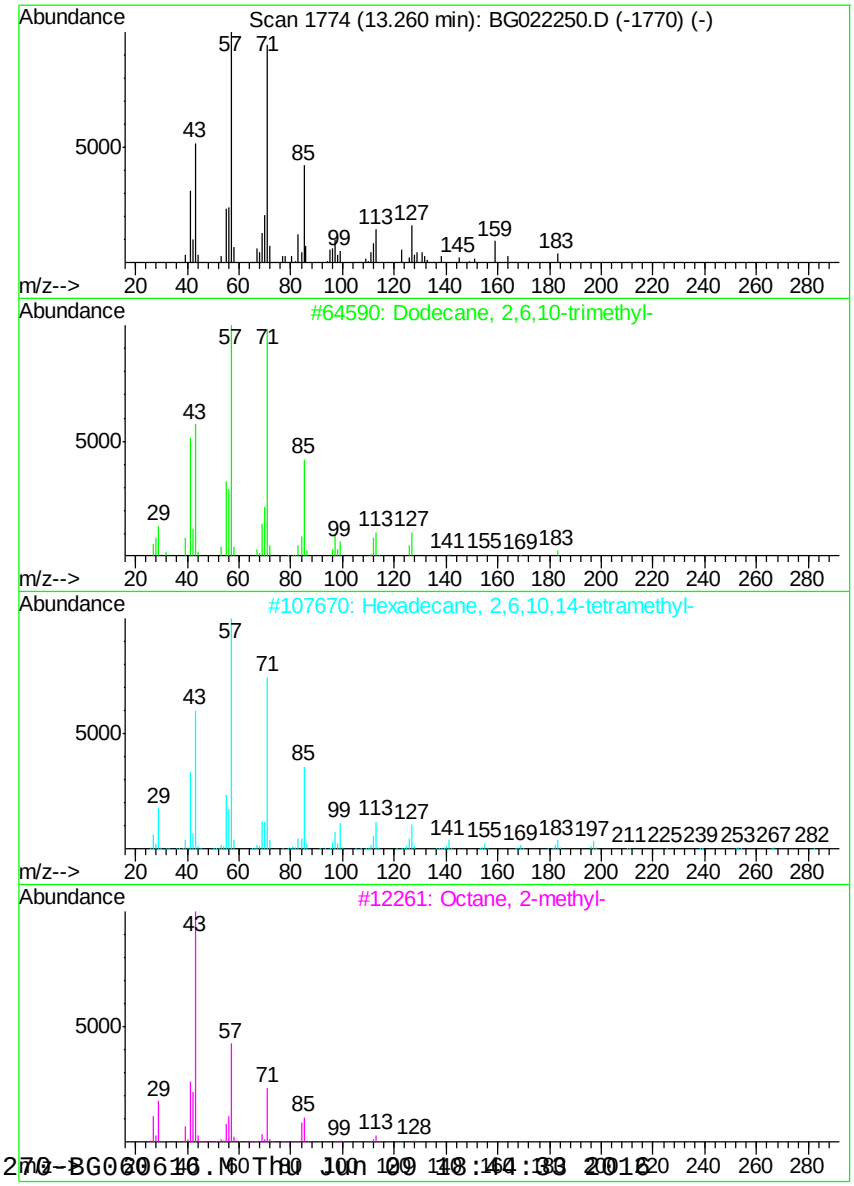
TIC Integration Parameters: LSCINT.P

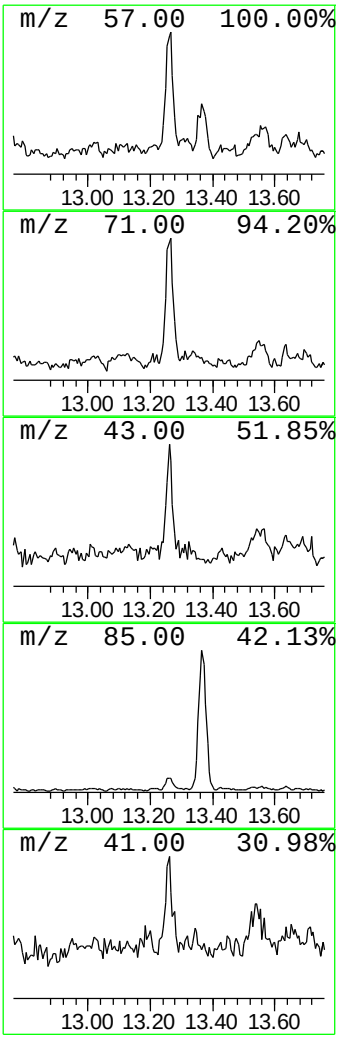
****

Peak Number 6 Dodecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	2.68 ng	57672	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	78
3	Octane, 2-methyl-	128	C9H20	003221-61-2	76
4	Hexacosane	366	C26H54	000630-01-3	64
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59





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Instrument : BNA_G
ClientSampleId : W-24

Quant Title :

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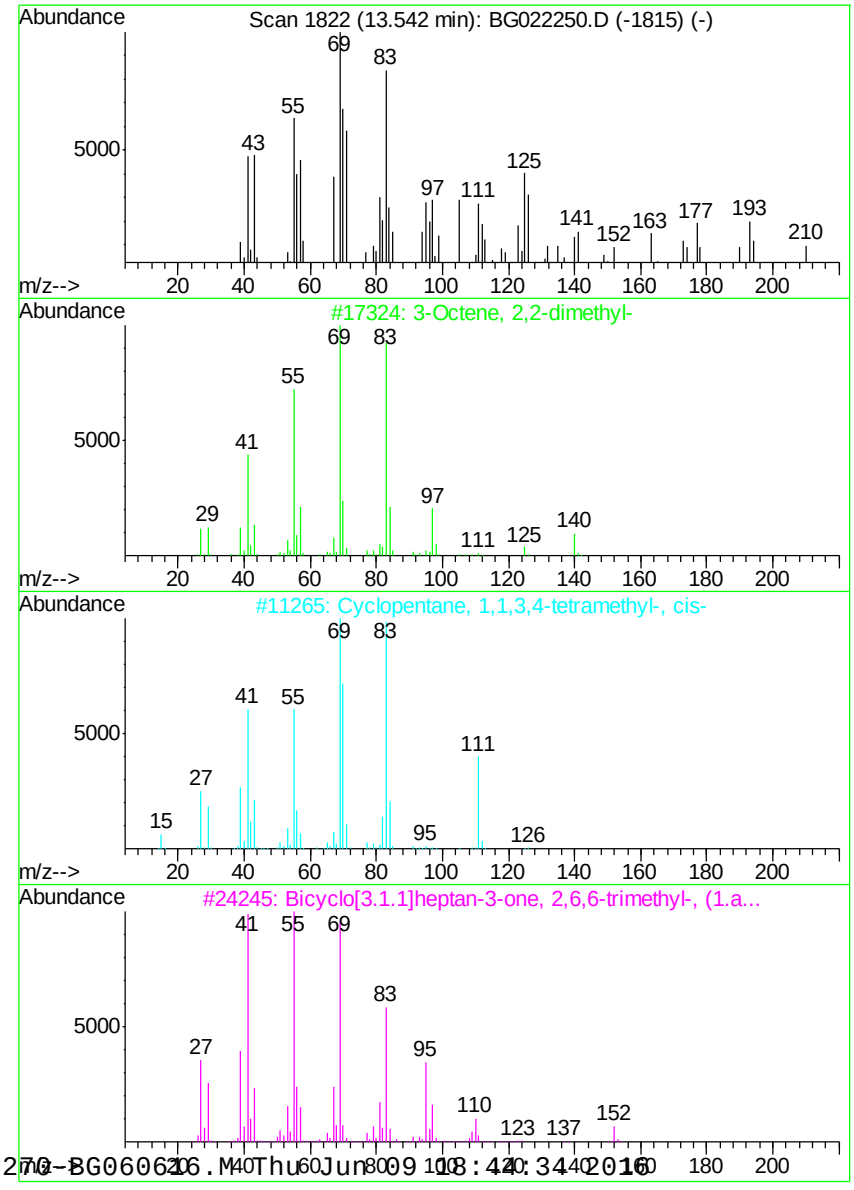
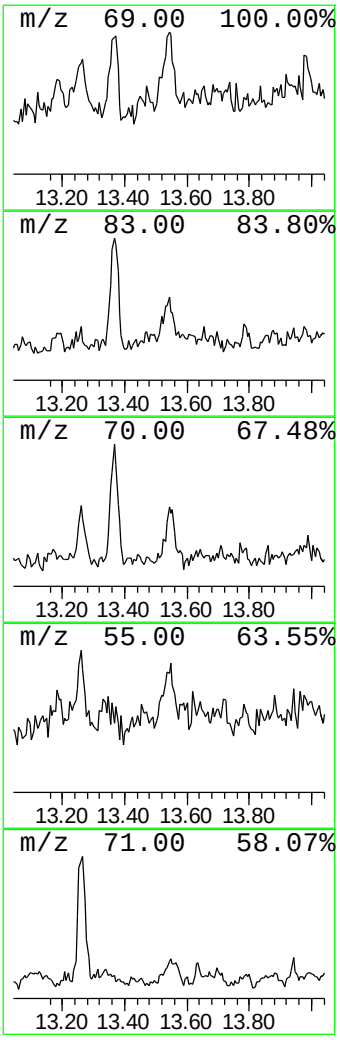
Peak Number 7 unknown13.54 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	2.54 ng	54750	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octene, 2,2-dimethyl-	140	C10H20	086869-76-3	46
2	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	053907-60-1	43
3	Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	43
4	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	38
5	3-Heptafluorobytyryloxy-6-ethyld...	382	C16H25F7O2	1000215-97-2	38





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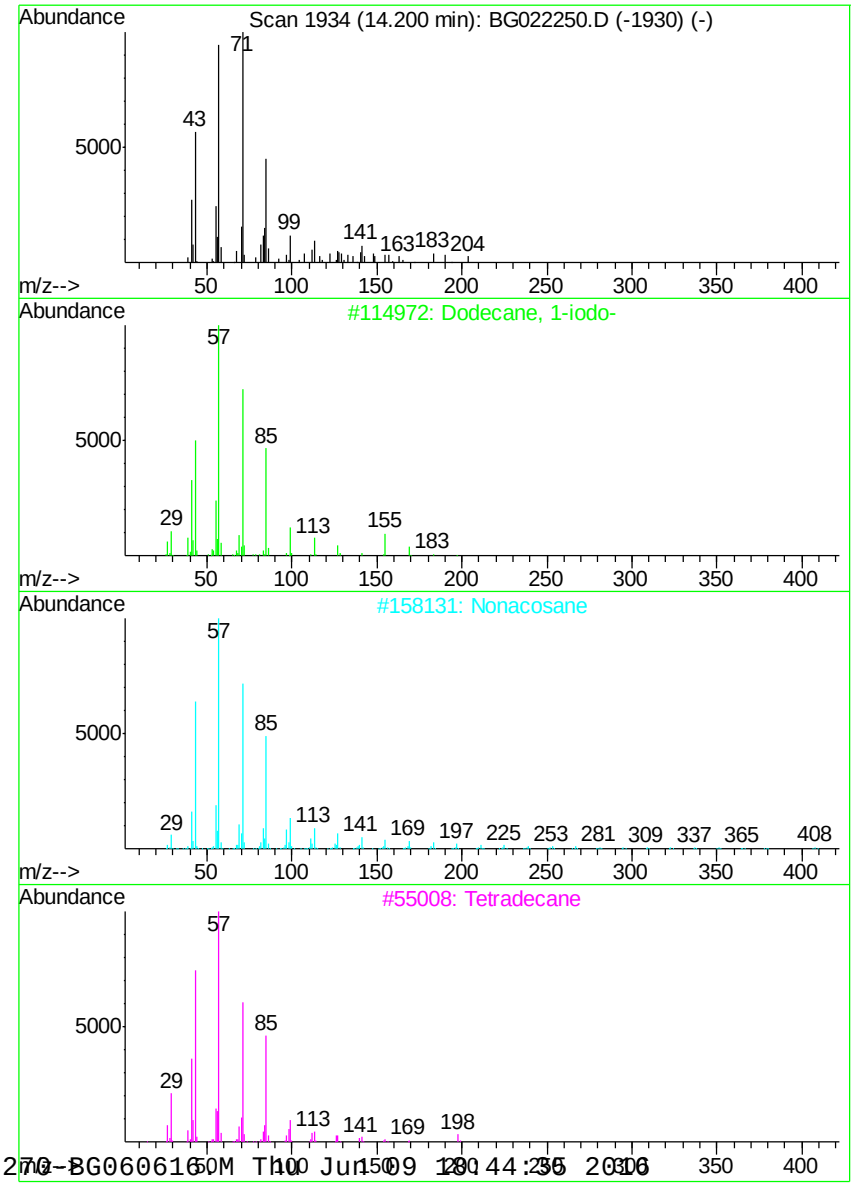
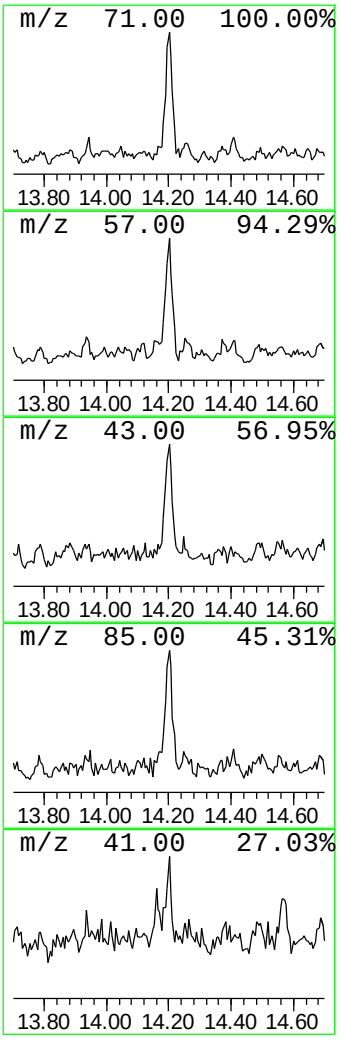
Peak Number 8 Dodecane, 1-iodo- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.20	3.18 ng	68473	Acenaphthene-d10	14.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
2	Nonacosane	408	C29H60	000630-03-5	53
3	Tetradecane	198	C14H30	000629-59-4	50
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50
5	Dodecane	170	C12H26	000112-40-3	50





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Title :

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	Internal Standard #	Internal Standard RT	Internal Standard Resp	Internal Standard Conc
unknown7.65	7.65	98.4	ng	766264	1	8.11	155755	20.0
Cyclohexane, 2-bu...	11.41	2.4	ng	30730	2	10.93	260642	20.0
unknown11.97	11.97	2.1	ng	27086	2	10.93	260642	20.0
6-Tridecene, 7-me...	12.20	3.7	ng	47899	2	10.93	260642	20.0
Dodecane, 2,6,10-...	13.26	2.7	ng	57672	3	14.75	431045	20.0
unknown13.54	13.54	2.5	ng	54750	3	14.75	431045	20.0
Dodecane, 1-iodo-	14.20	3.2	ng	68473	3	14.75	431045	20.0