LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

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-BG080116.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	5.188	394	400	411	rVB	275134	456356	4.26%	0.598%
2	5.664	474	481	494	rBV	1360134	2315392	21.62%	3.035%
3	7.279	749	756	766	rBV	1043204	1947033	18.18%	2.552%
4	7.367	766	771	778	rVB	96395	170376	1.59%	0.223%
5	7.649	812	819	829	rBV	2506479	4524323	42.25%	5.930%
6	8.119	893	899	905	rBV	511232	886706	8.28%	1.162%
7	8.448	947	955	961	rBV	2010569	3664817	34.22%	4.804%
8	8.830	1014	1020	1027	rVB2	86579	186253	1.74%	0.244%
9	9.018	1046	1052	1062	rBV7	59249	141472	1.32%	0.185%
10	9.147	1066	1074	1077	rBV5	100393	229310	2.14%	0.301%
11	9.188	1077	1081	1086	rVB2	147542	235062	2.19%	0.308%
12	9.300	1092	1100	1108	rBV	2082294	3980062	37.16%	5.217%
13	9.400	1112	1117	1122	rVV	142065	221053	2.06%	0.290%
14	9.594	1140	1150	1161	rVB10	81838	267378	2.50%	0.350%
15	9.758	1174	1178	1185	rVB4	99858	166741	1.56%	0.219%
16	9.858	1189	1195	1200	rVB4	86685	170073	1.59%	0.223%
17	9.964	1205	1213	1221	rBV2	265511	569156	5.31%	0.746%
18	10.299	1265	1270	1272	rBV3	76597	124217	1.16%	0.163%
19	10.340	1272	1277	1289	rVB4	173214	412527	3.85%	0.541%
20	10.487	1296	1302	1306	rBV7	76997	171767	1.60%	0.225%
21	10.539	1306	1311	1320	rVV4	139394	332824	3.11%	0.436%
22	10.669	1327	1333	1339	rBV5	196440	417527	3.90%	0.547%
23	10.733	1340	1344	1349	rVB2	124635	196892	1.84%	0.258%
24	10.798	1350	1355	1361	rVB3	117711	222951	2.08%	0.292%
25	10.951	1373	1381	1388	rBV	933781	1805107	16.86%	2.366%
26	11.092	1396	1405	1416	rVB8	170899	475338	4.44%	0.623%
27	11.209	1421	1425	1430	rBV7	61487	130249	1.22%	0.171%
28	11.391	1447	1456	1465	rVB3	356533	1132607	10.58%	1.485%
29	11.538	1476	1481	1488	rVB9	159720	311156	2.91%	0.408%
30	11.761	1515	1519	1523	rBV6	112567	209439	1.96%	0.275%
31	11.808	1524	1527	1533	rVB5	126730	220301	2.06%	0.289%
32	12.079	1570	1573	1578	rVB6	107786	178733	1.67%	0.234%
33	12.161	1581	1587	1589	rVV6	86268	198255	1.85%	0.260%
34	12.202	1589	1594	1600	rVV	341381	627452	5.86%	0.822%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

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-BG080116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.272	1601	1606	1615	rVB7	97796	235319	2.20%	0.308%
36	12.513	1641	1647	1652	rBV5	134328	301134	2.81%	0.395%
37	12.613	1657	1664	1667	rBV2	191365	433562	4.05%	0.568%
38	12.989	1724	1728	1730	rBV5	121295	185036	1.73%	0.243%
39	13.124	1744	1751	1758	rVB5	341439	901815	8.42%	1.182%
40	13.195	1759	1763	1767	rBV6	150777	301865	2.82%	0.396%
41	13.306	1777	1782	1789	rVB3	328639	630271	5.89%	0.826%
42	13.400	1791	1798	1804	rVB	5740220	9169753	85.62%	12.019%
43	13.471	1804	1810	1812	rBV7	159933	332287	3.10%	0.436%
44	13.900	1880	1883	1888	rVB4	221207	343430	3.21%	0.450%
45	13.958	1888	1893	1897	rBV3	262686	446300	4.17%	0.585%
46	14.035	1898	1906	1910	rVV6	340181	823824	7.69%	1.080%
47	14.493	1980	1984	1990	rBV7	184531	451519	4.22%	0.592%
48	14.716	2018	2022	2026	rBV5	165161	282553	2.64%	0.370%
49	14.787	2028	2034	2043	rVB2	1423222	2694239	25.16%	3.531%
50	14.886	2048	2051	2055	rVB4	234692	315376	2.94%	0.413%
51	15.180	2099	2101	2112	rVB3	279483	639958	5.98%	0.839%
52	15.280	2113	2118	2121	rBV2	681009	1185436	11.07%	1.554%
53	15.627	2175	2177	2182	rVB	241368	278691	2.60%	0.365%
54	15.897	2220	2223	2227	rBV5	227058	300498	2.81%	0.394%
55	16.285	2283	2289	2299	rVB	5750629	8943871	83.51%	11.723%
56	17.542	2498	2503	2509	rVB2	1938382	2946389	27.51%	3.862%
57	18.423	2649	2653	2657	rBV3	388222	573809	5.36%	0.752%
58	19.686	2865	2868	2877	rVB3	321072	466861	4.36%	0.612%
59	20.150	2942	2947	2953	rBV	7640038	10709328	100.00%	14.037%
60	21.859	3232	3238	3248	rVB	1517399	2658077	24.82%	3.484%
61	25.237	3803	3813	3822	rBV	877666	2443164	22.81%	3.202%

Sum of corrected areas: 76293270

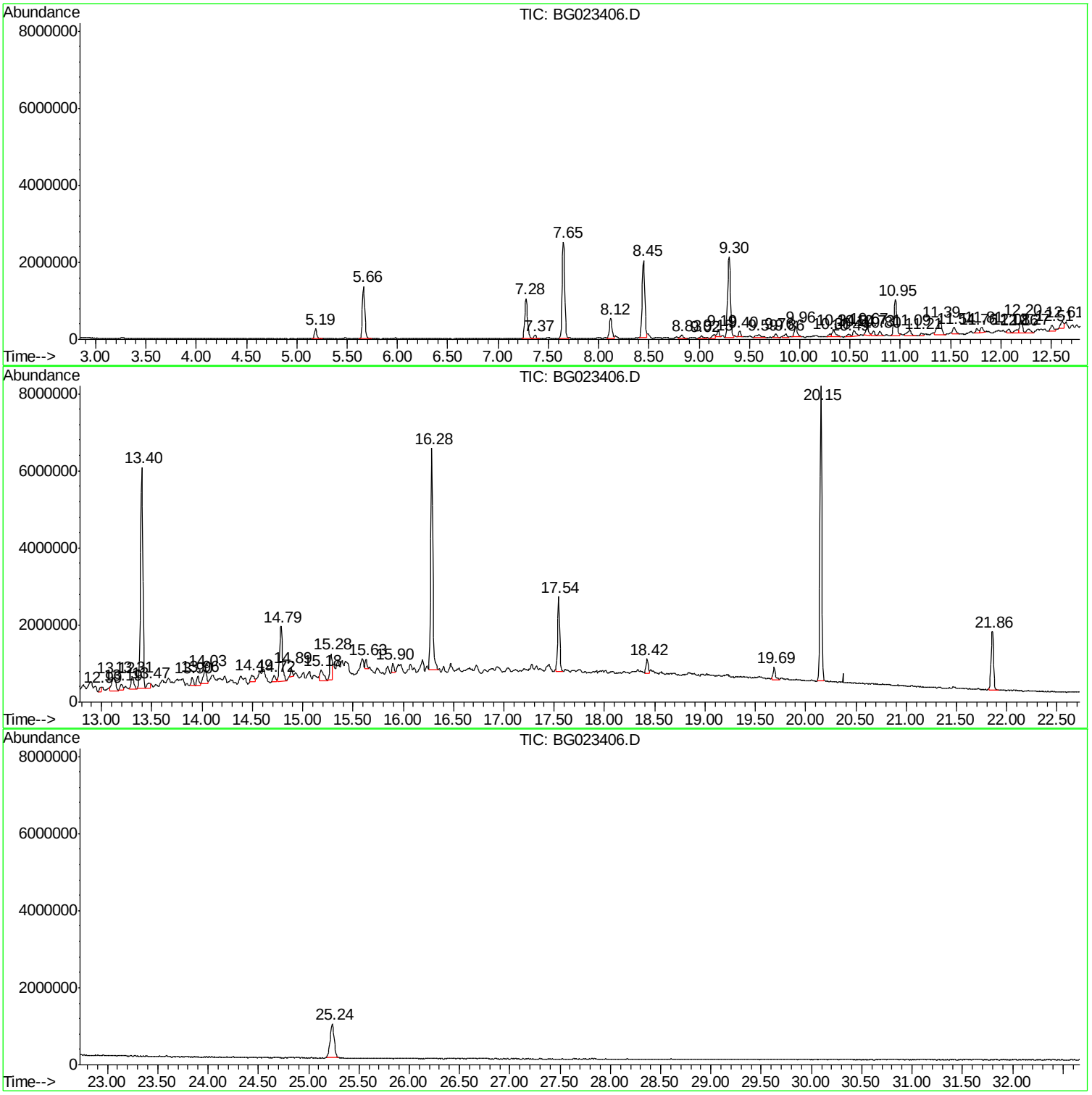
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

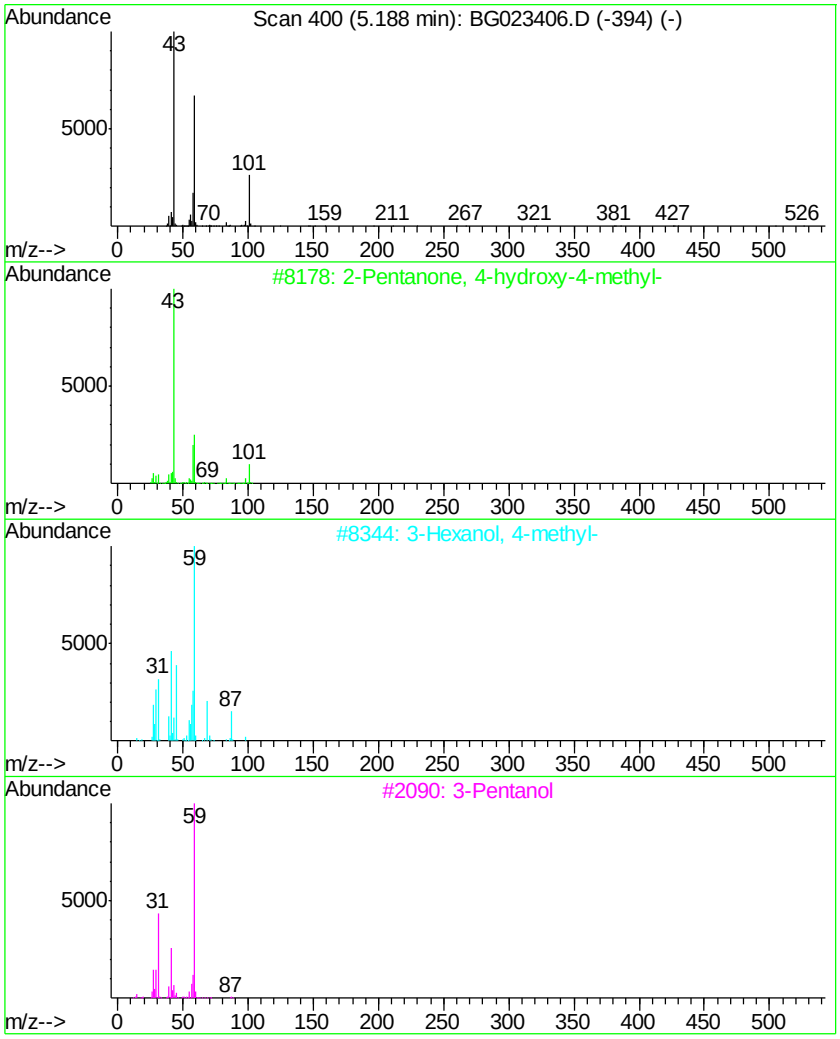
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

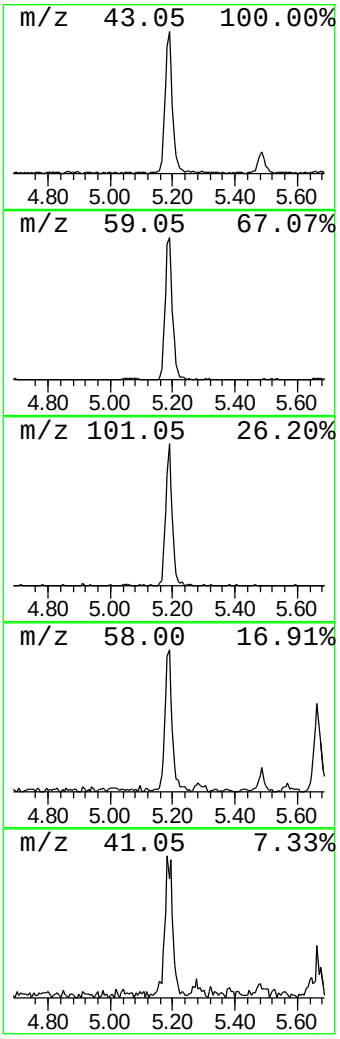
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	10.29 ng	456356	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3	3-Pentanol	88	C5H12O	000584-02-1	25
4	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	23
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

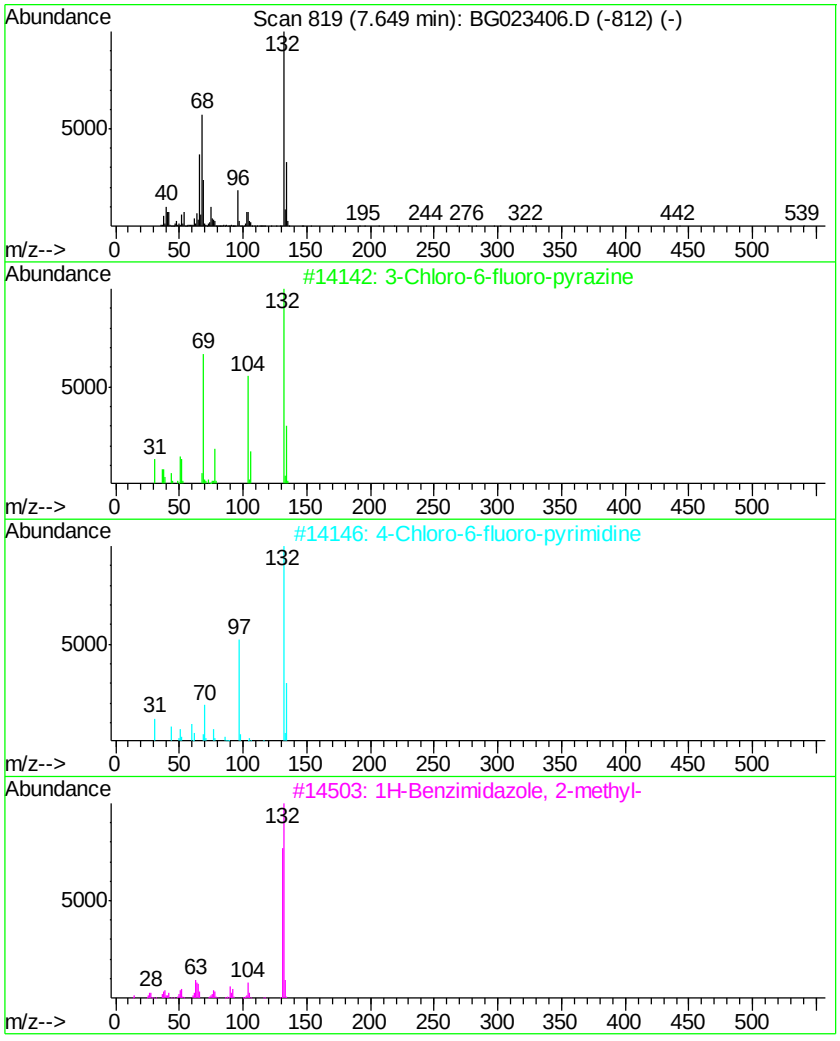
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

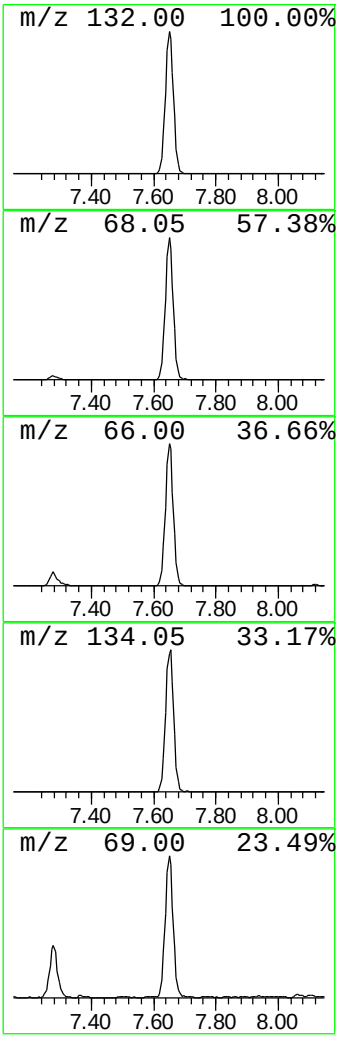
****

Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	102.05 ng	4524320	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

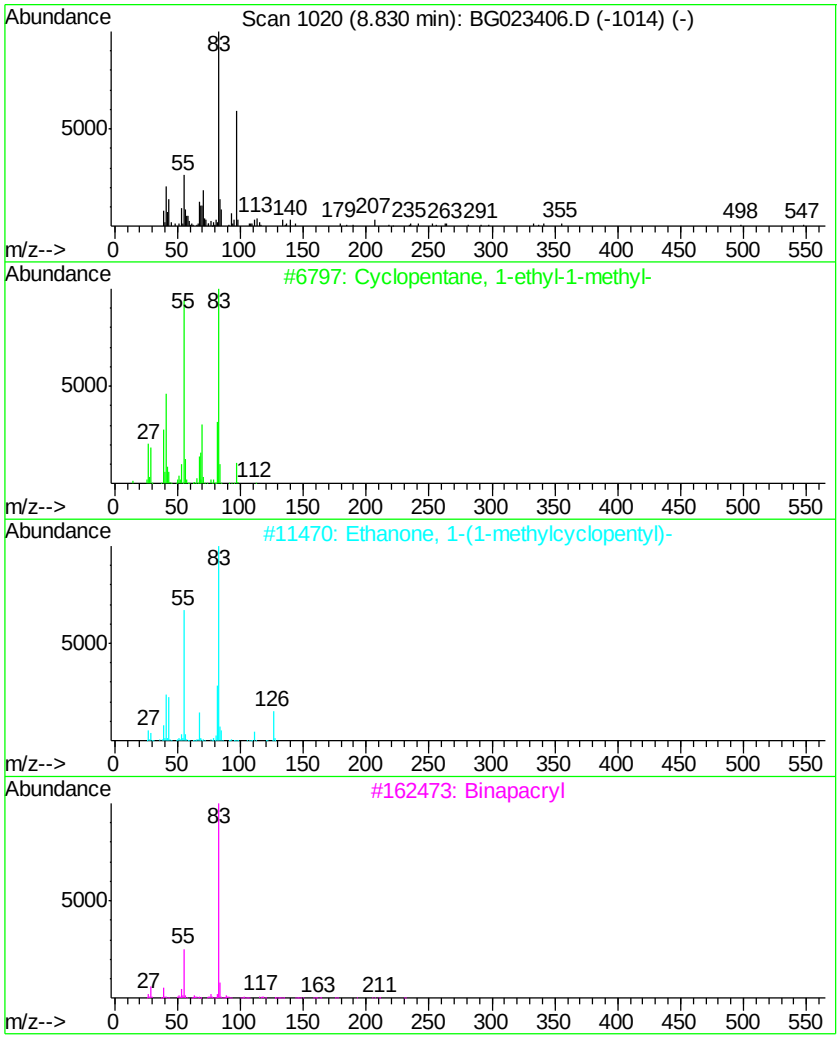
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

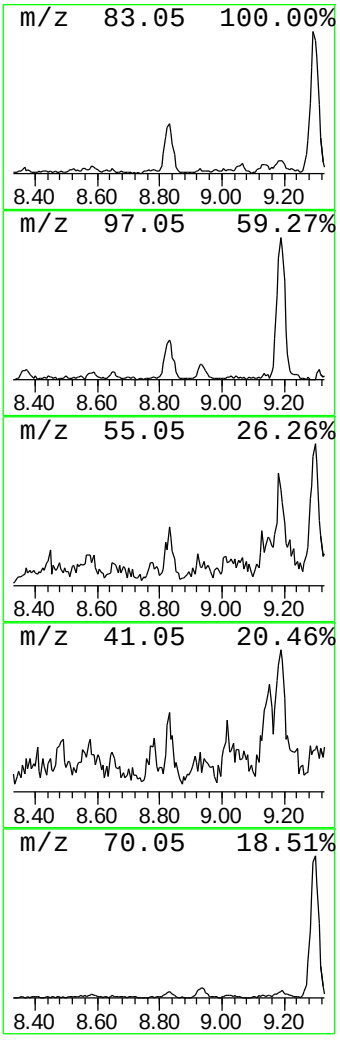
****

Peak Number 4 Cyclopentane, 1-ethyl-1-met... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	4.20 ng	186253	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	50
2	Ethanone, 1-(1-methylcyclopentyl)-	126	C8H14O	013388-93-7	47
3	Binapacryl	322	C15H18N2O6	000485-31-4	47
4	1H-1,2,4-Triazole, 3-propyl-	111	C5H9N3	019932-60-6	43
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	40





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

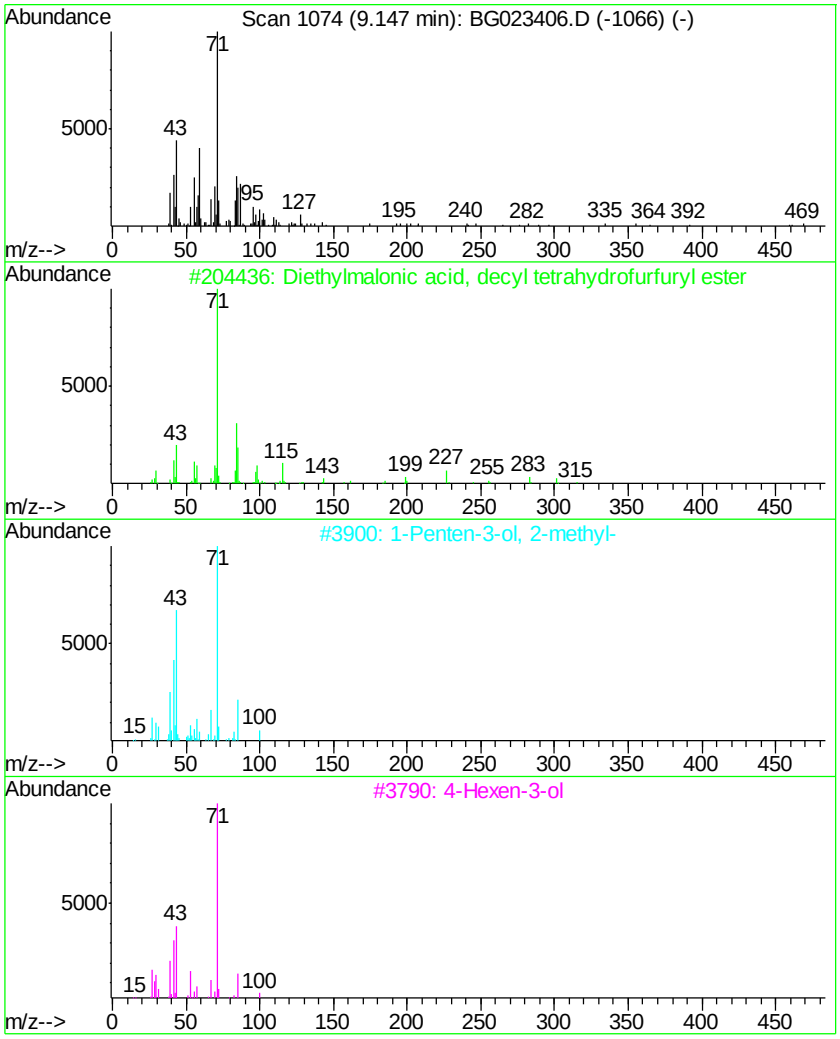
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

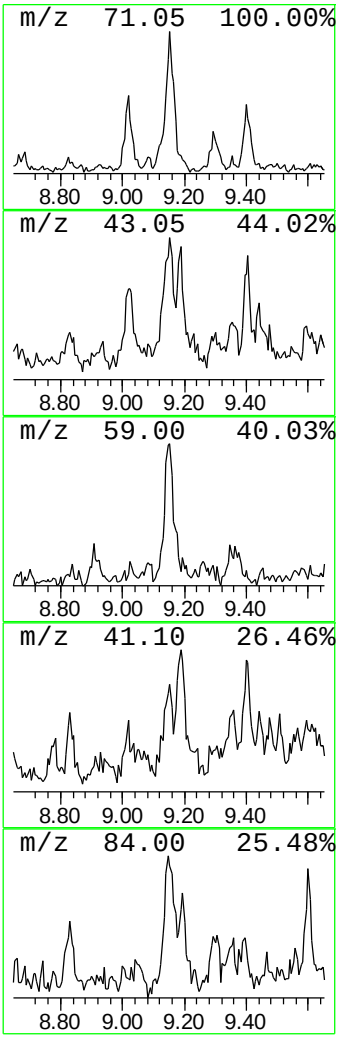
****

Peak Number 5 unknown9.15 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.15	5.17 ng	229310	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylmalonic acid, decyl tetra...	384	C22H40O5	1000370-64-5	47
2	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	46
3	4-Hexen-3-ol	100	C6H12O	004798-58-7	43
4	Fumaric acid, tetradecyl tetrahy...	396	C23H40O5	1000330-58-7	43
5	Fumaric acid, undecyl tetrahydro...	354	C20H34O5	1000330-58-5	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

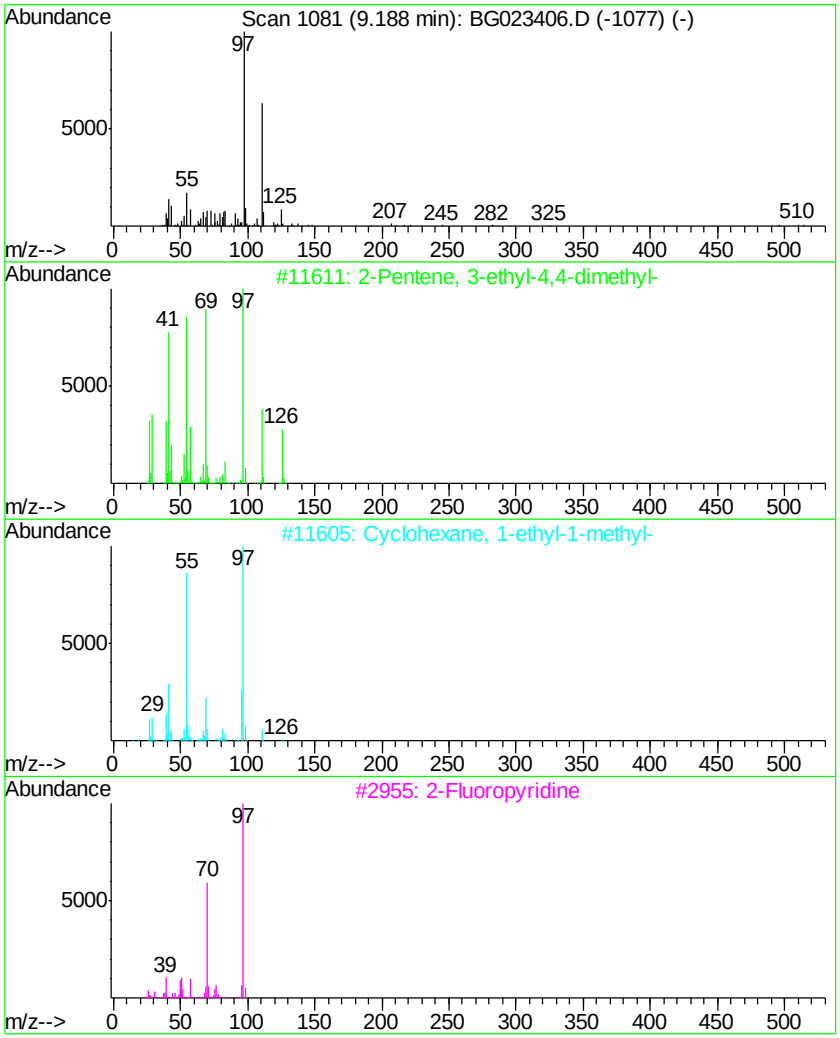
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

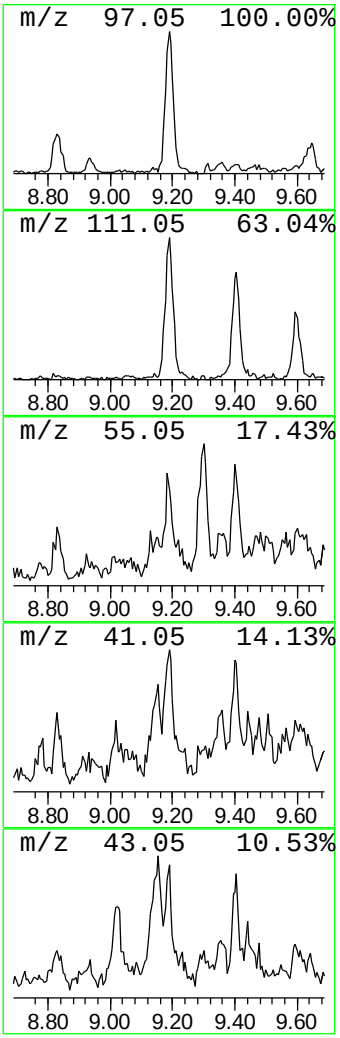
****

Peak Number 6 2-Pentene, 3-ethyl-4,4-dime... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	5.30 ng	235062	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	56
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	52
3	2-Fluoropyridine	97	C5H4FN	000372-48-5	47
4	5-(7,7-Dimethyl-1-methyldithiome...	328	C16H24O3S2	1000210-90-4	47
5	Cyclohexane, 1-bromo-4-methyl-	176	C7H13Br	006294-40-2	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

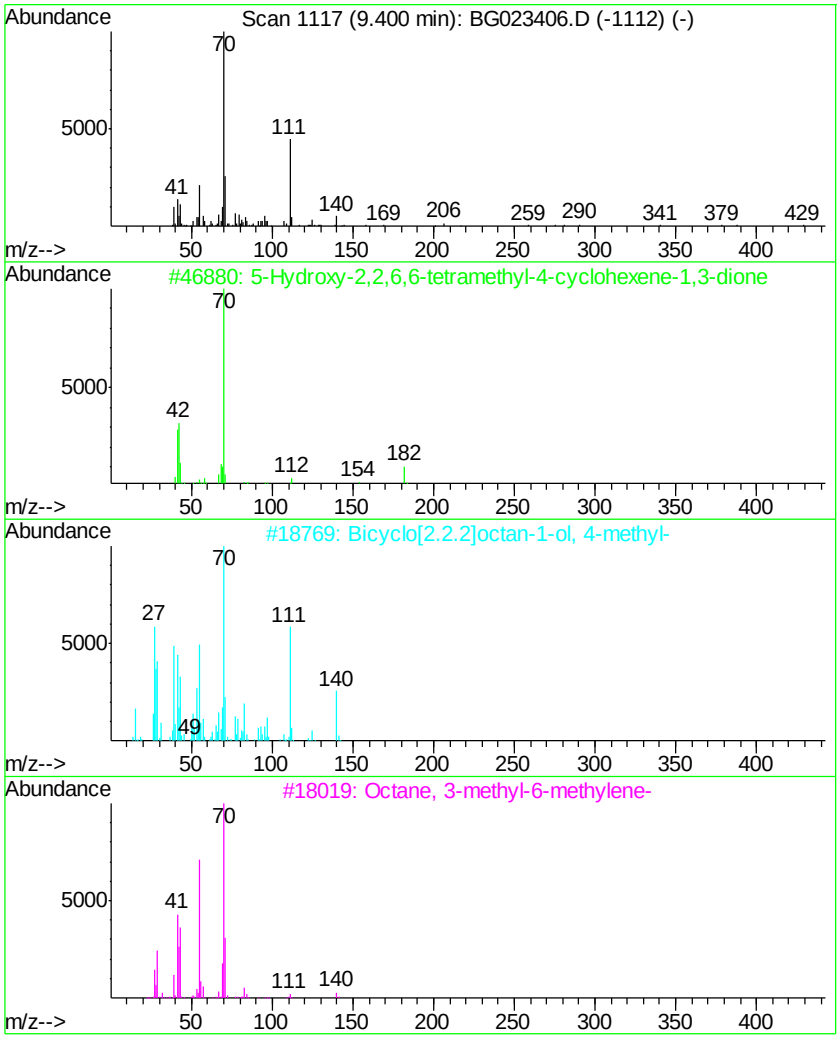
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

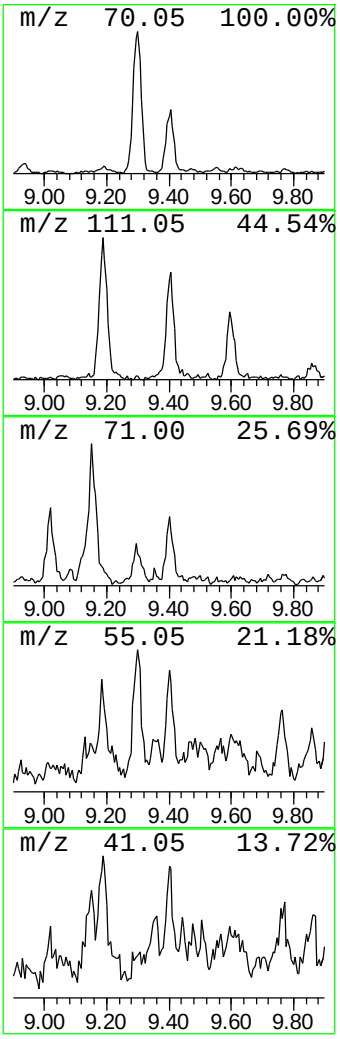
****

Peak Number 7 unknown9.40 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.40	4.99 ng	221053	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Hydroxy-2,2,6,6-tetramethyl-4-...	182	C10H14O3	1000360-32-1	47
2	Bicyclo[2.2.2]octan-1-ol, 4-methyl-	140	C9H16O	000824-13-5	40
3	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	32
4	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	32
5	Cyclobutane, 2-hexyl-1,1,4-trime...	182	C13H26	049622-19-7	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

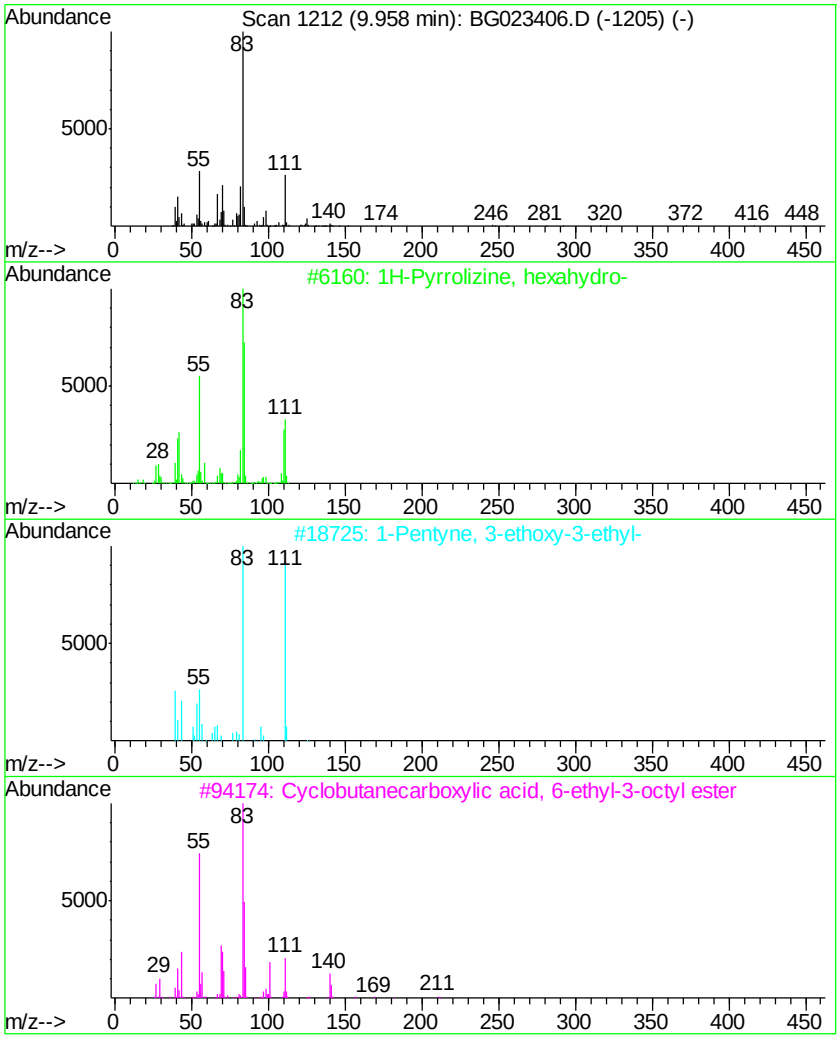
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

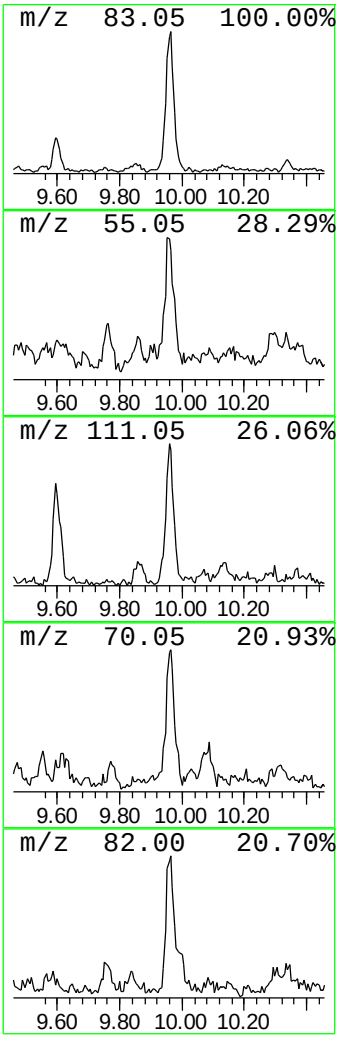
****

Peak Number 8 1H-Pyrrolizine, hexahydro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.96	6.31 ng	569156	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolizine, hexahydro-	111	C7H13N	000643-20-9	53
2	1-Pentyne, 3-ethoxy-3-ethyl-	140	C9H16O	053966-56-6	47
3	Cyclobutanecarboxylic acid, 6-et...	240	C15H28O2	1000282-61-1	45
4	Cyclohexanespiro-5'-(2',4',4'-tr...	181	C11H19NO	091875-85-3	43
5	(Trimethylsilyl)acetylene	98	C5H10Si	001066-54-2	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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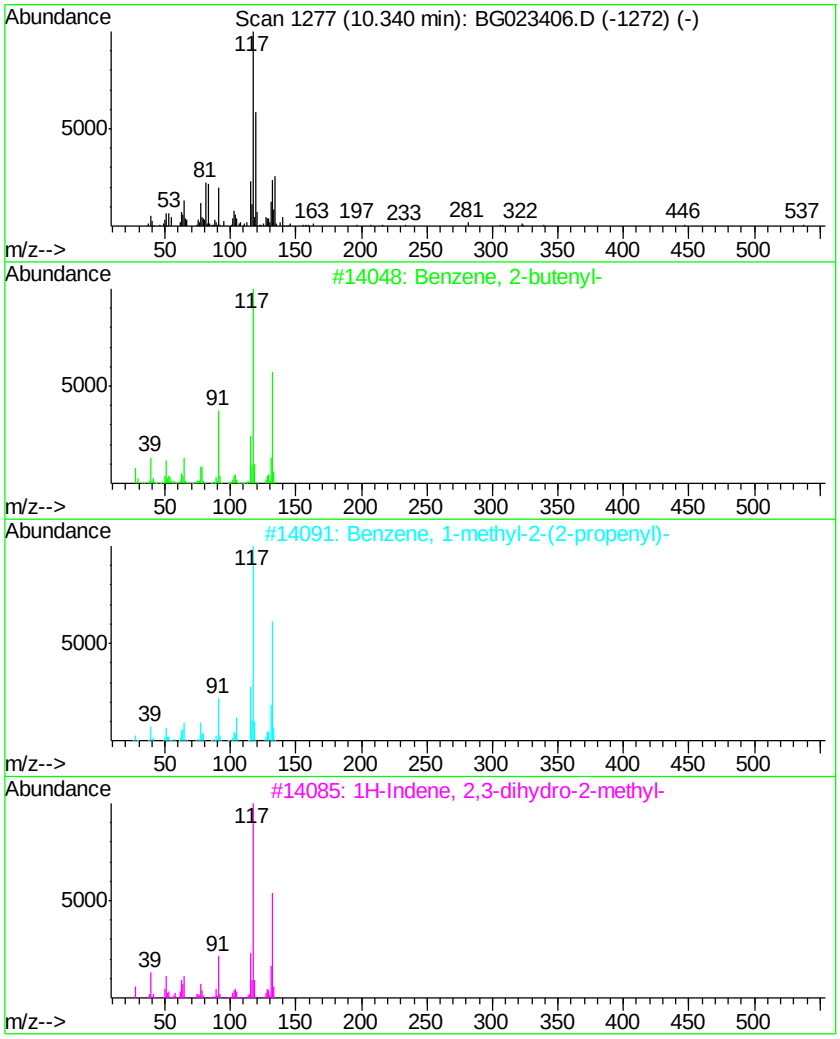
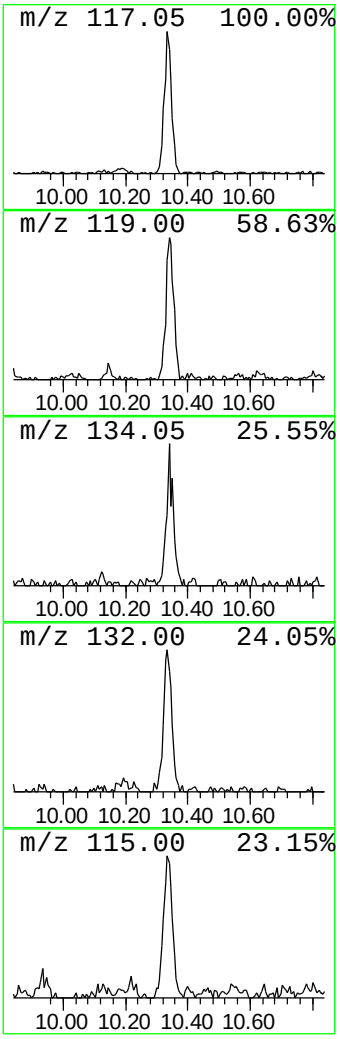
Peak Number 9 Benzene, 2-butenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	4.57 ng	412527	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-butenyl-	132	C10H12	001560-06-1	60
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	60
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	60
4	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	53
5	Indan, 1-methyl-	132	C10H12	000767-58-8	53





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Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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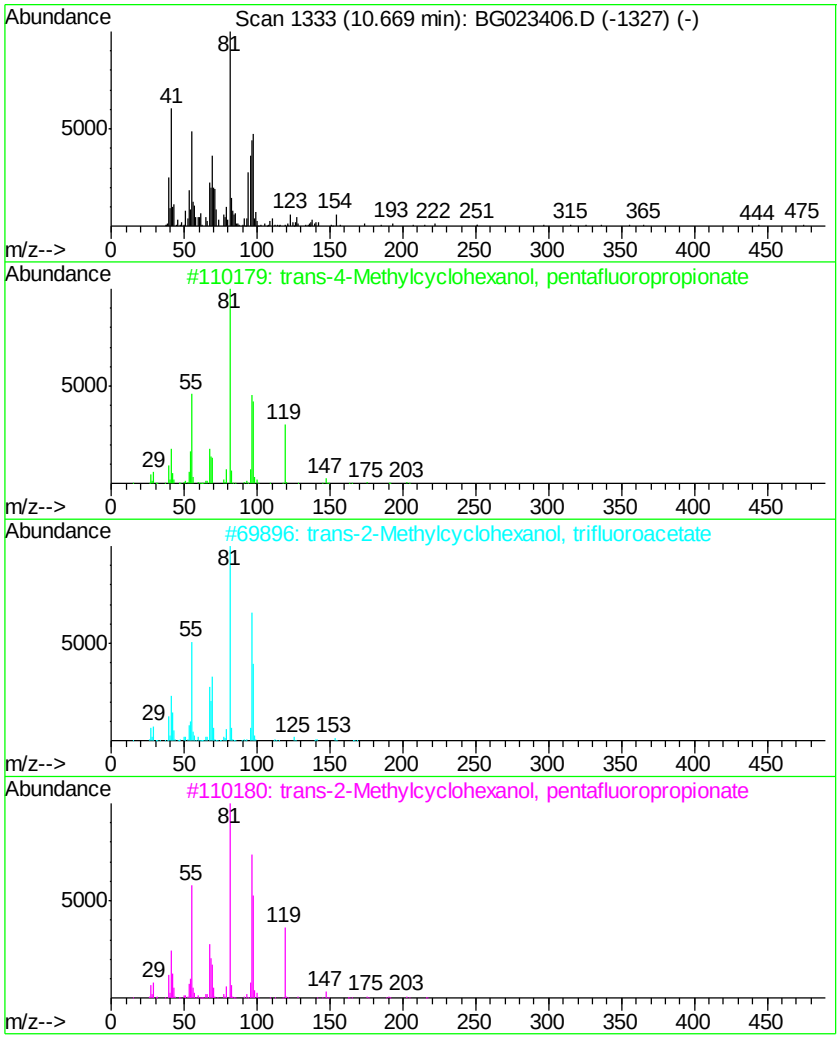
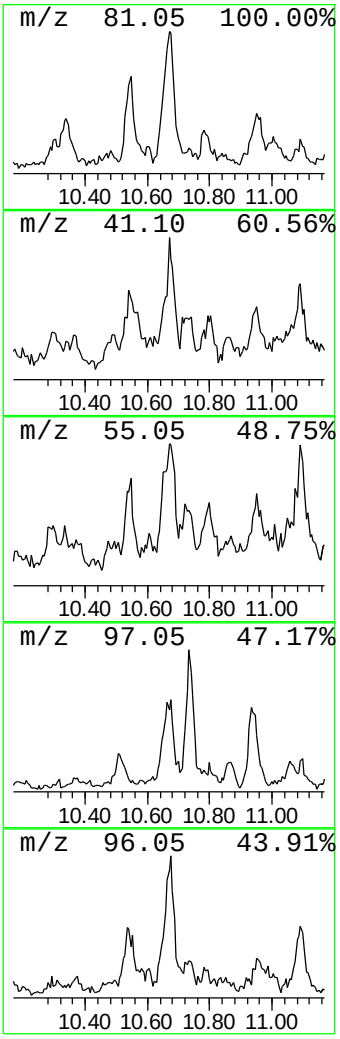
Peak Number 10 trans-4-Methylcyclohexanol,... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	4.63 ng	417527	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-4-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-9	59
2	trans-2-Methylcyclohexanol, trif...	210	C9H13F3O2	1000364-13-3	53
3	trans-2-Methylcyclohexanol, pent...	260	C10H13F5O2	1000364-13-4	53
4	cis-2-Methylcyclohexanol, triflu...	210	C9H13F3O2	1000364-12-3	53
5	Cyclohexene, 3-methyl-	96	C7H12	000591-48-0	50





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Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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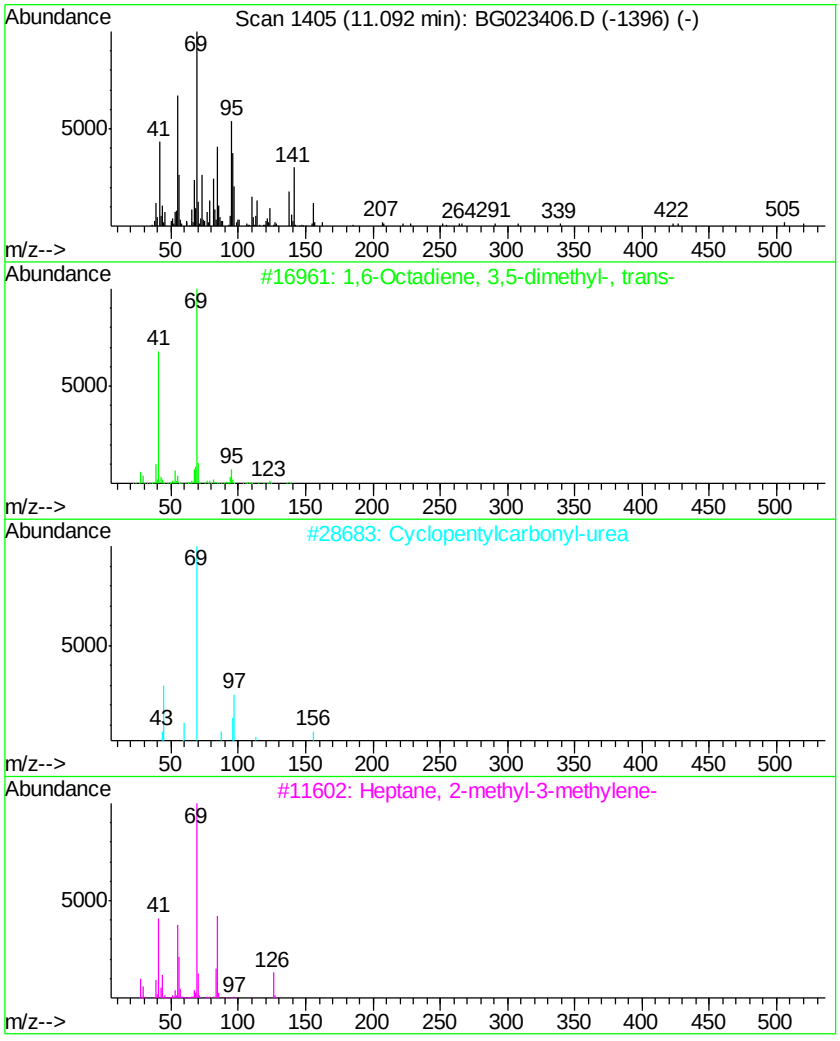
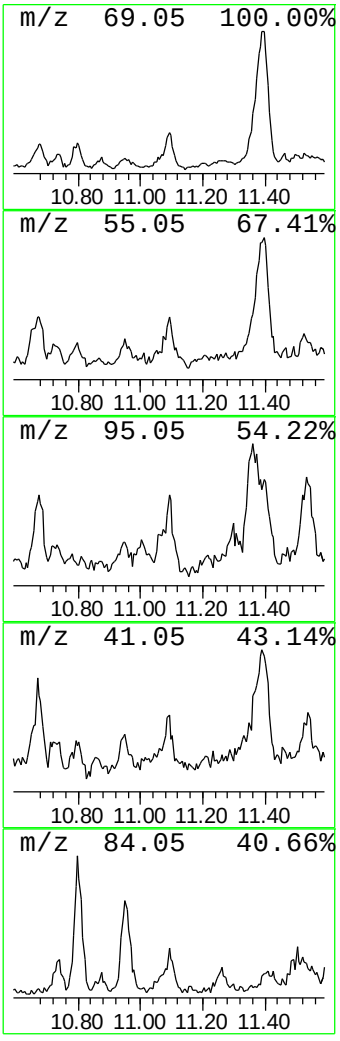
Peak Number 11 unknown11.09 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	5.27 ng	475338	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	38
2	Cyclopentylcarbonyl-urea	156	C7H12N2O2	089852-04-0	35
3	Heptane, 2-methyl-3-methylene-	126	C9H18	062187-11-5	35
4	Pentane, 3-methylene-	84	C6H12	000760-21-4	35
5	3-Penten-2-one	84	C5H8O	000625-33-2	35





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Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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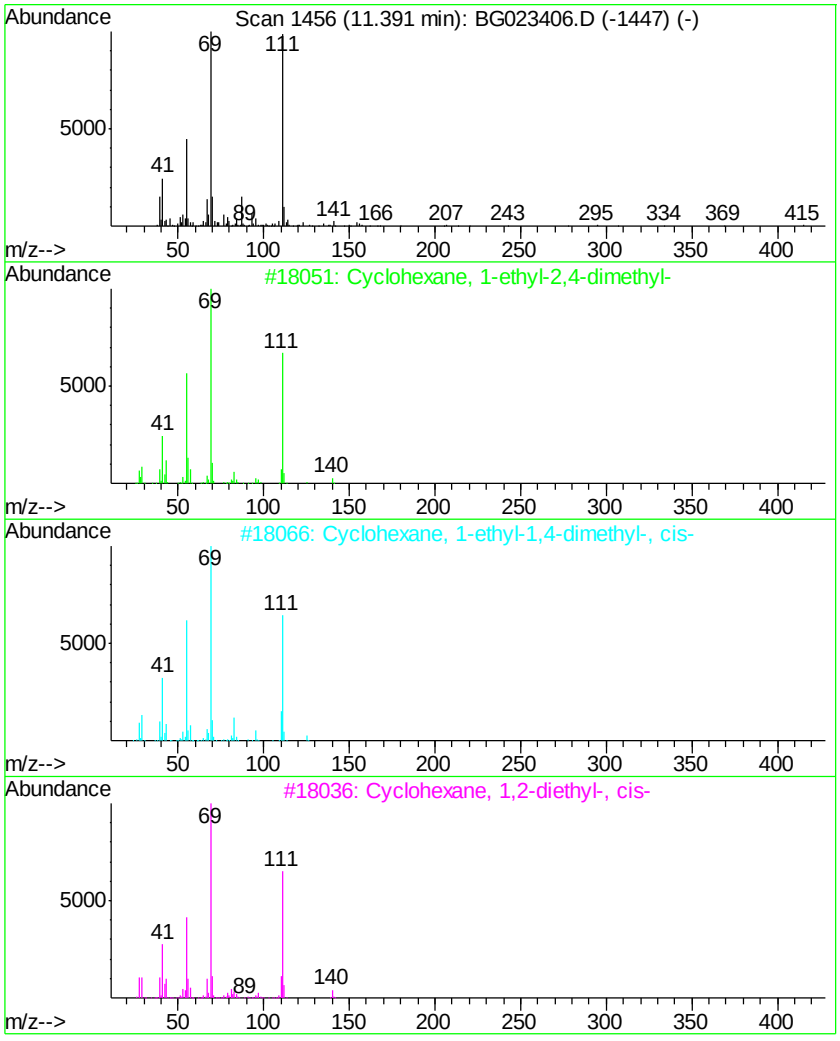
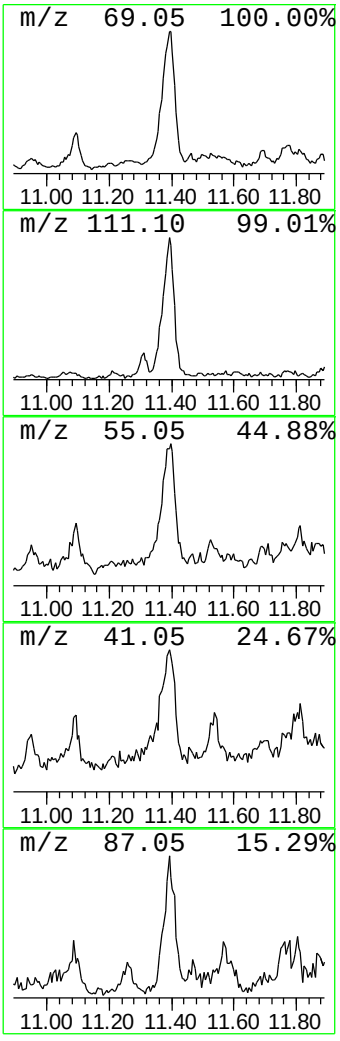
Peak Number 12 Cyclohexane, 1-ethyl-2,4-di... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.39	12.55 ng	1132610	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	78
2	Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-30-6	78
3	Cyclohexane, 1,2-diethyl-, cis-	140	C10H20	000824-43-1	78
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	72
5	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	64





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Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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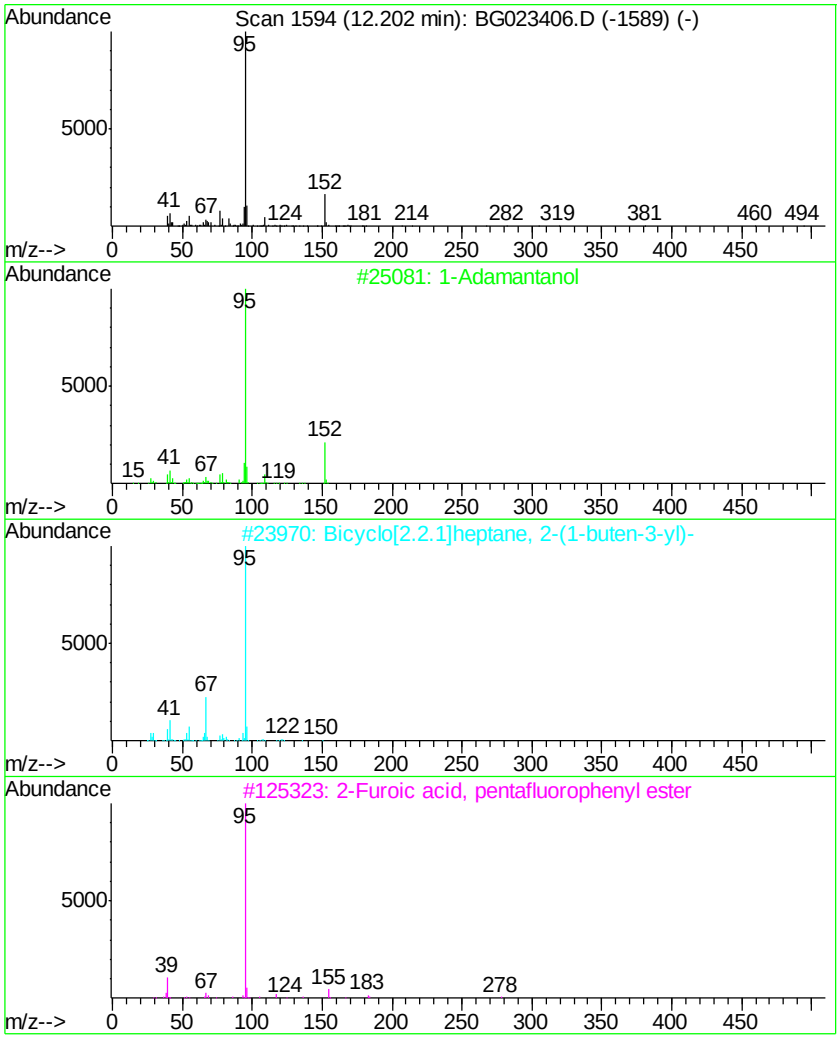
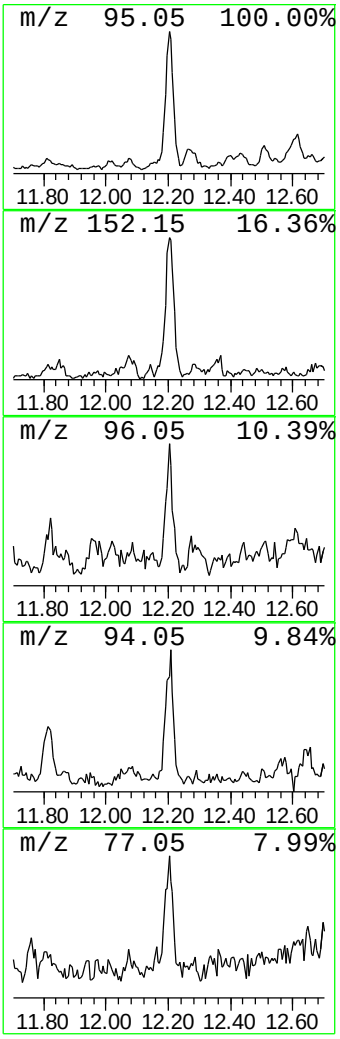
Peak Number 13 1-Adamantanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	6.95 ng	627452	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantanol	152	C10H16O	000768-95-6	90
2	Bicyclo[2.2.1]heptane, 2-(1-bute...	150	C11H18	055170-90-6	36
3	2-Furoic acid, pentafluorophenyl...	278	C11H3F5O3	1000355-17-0	33
4	(+)-2-Bornanone	152	C10H16O	000464-49-3	9
5	1-(3H-Imidazol-4-yl)-2,2-dimethy...	152	C8H12N2O	061985-31-7	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
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Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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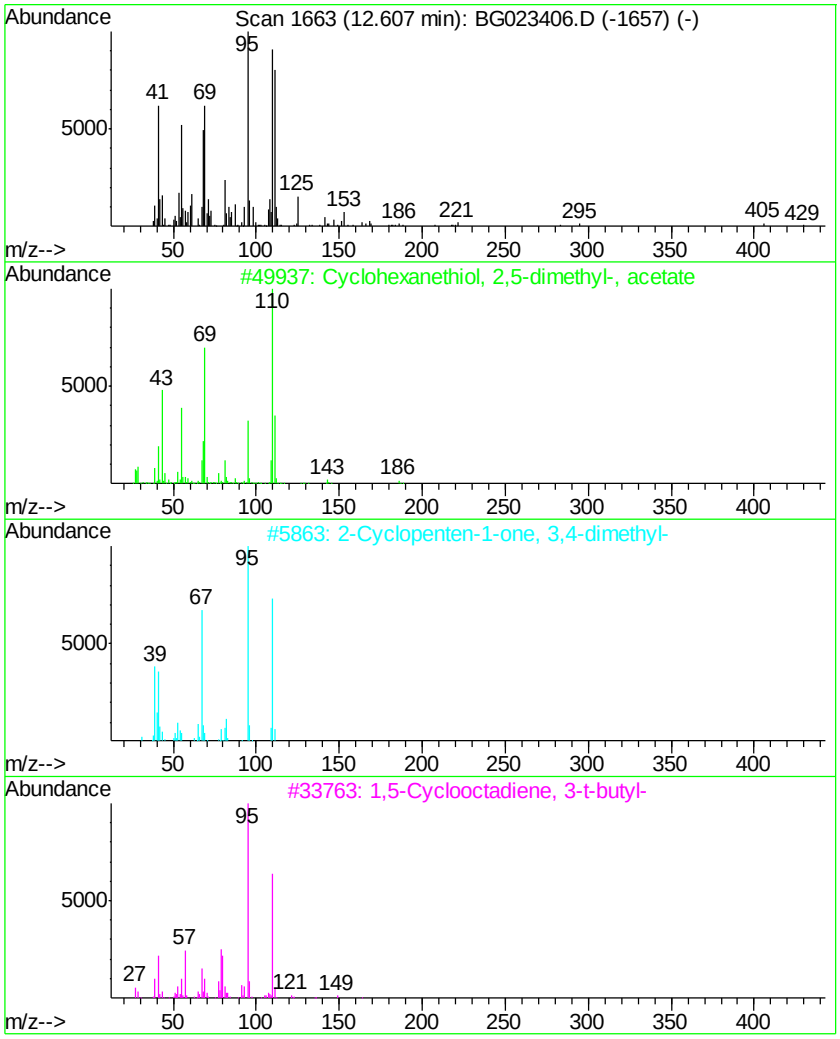
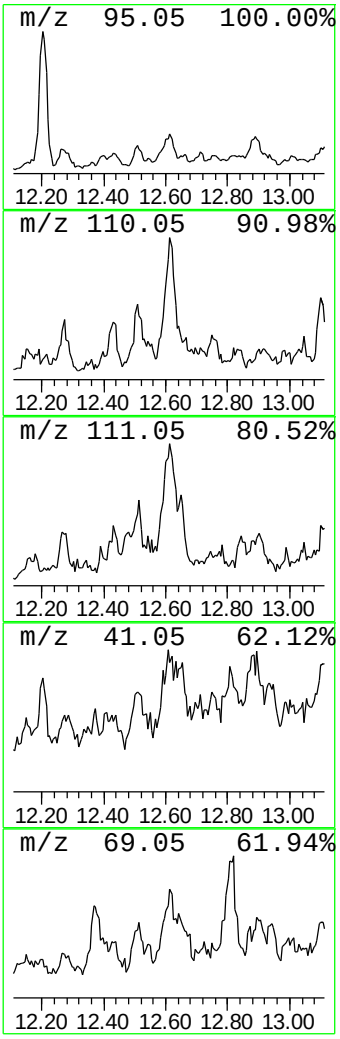
Peak Number 14 Cyclohexanethiol, 2,5-dimet... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	4.80 ng	433562	Naphthalene-d8	10.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanethiol, 2,5-dimethyl-,...	186	C10H18OS	004186-80-5	50
2	2-Cyclopenten-1-one, 3,4-dimethyl-	110	C7H10O	030434-64-1	38
3	1,5-Cyclooctadiene, 3-t-butyl-	164	C12H20	1000152-17-9	38
4	Cyclohexene, 3,5-dimethyl-	110	C8H14	000823-17-6	27
5	Oxazole, trimethyl-	111	C6H9NO	020662-84-4	22





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Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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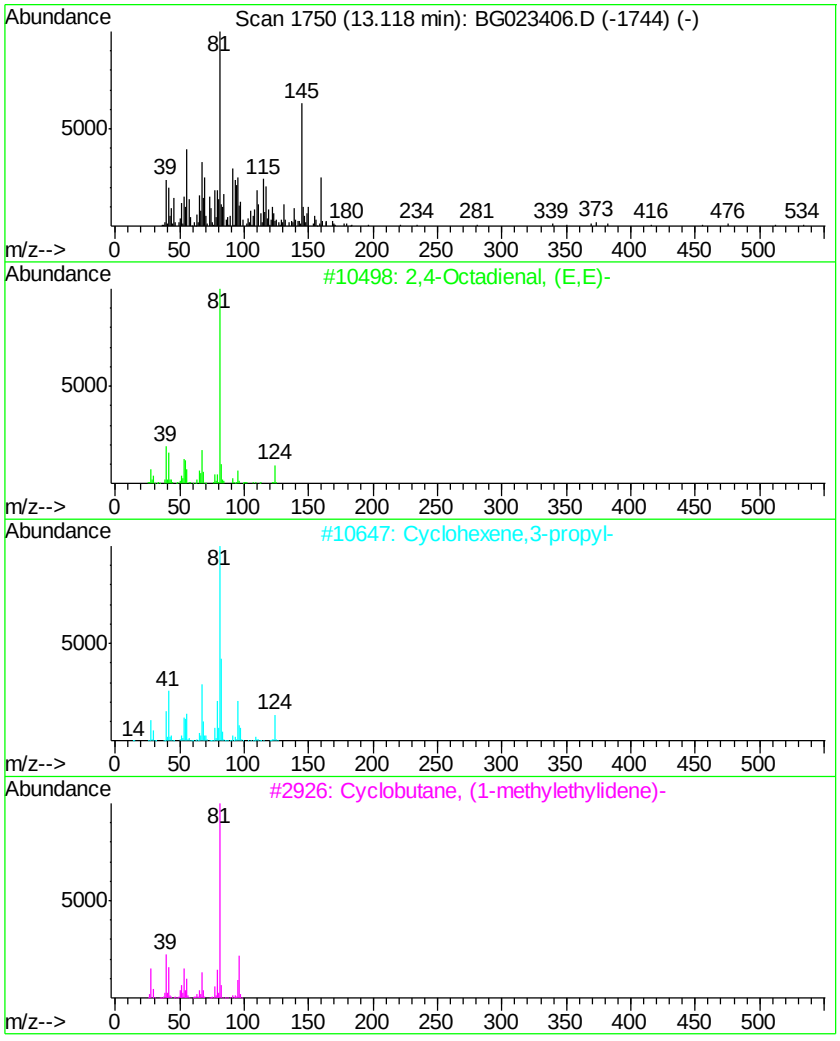
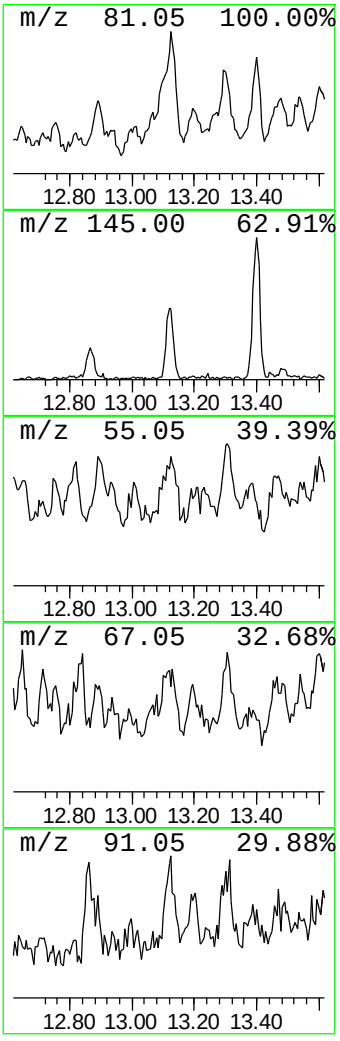
Peak Number 15 unknown13.12 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	6.69 ng	901815	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Octadienal, (E,E)-	124	C8H12O	030361-28-5	43
2	Cyclohexene,3-propyl-	124	C9H16	003983-06-0	43
3	Cyclobutane, (1-methylethylidene)-	96	C7H12	001528-22-9	35
4	2,4-Decadienal, (E,E)-	152	C10H16O	025152-84-5	35
5	Bicyclo[2.2.1]heptane, 2-chloro-...	144	C8H13Cl	022768-96-3	35





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Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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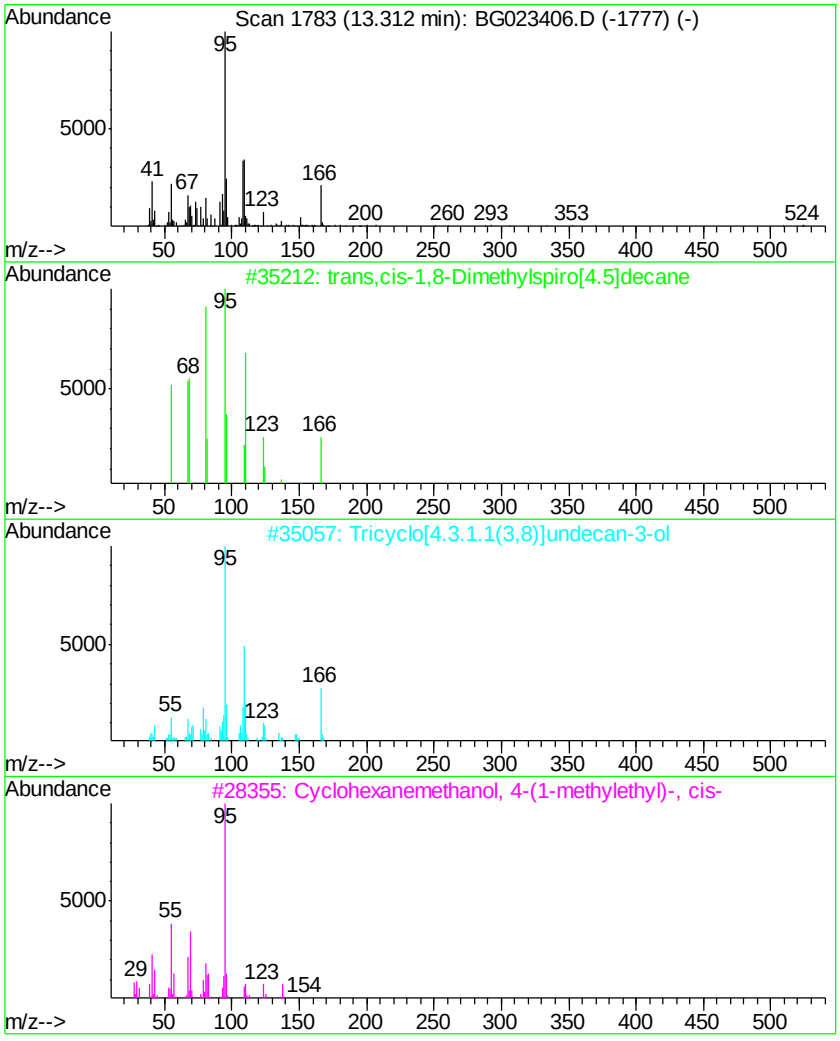
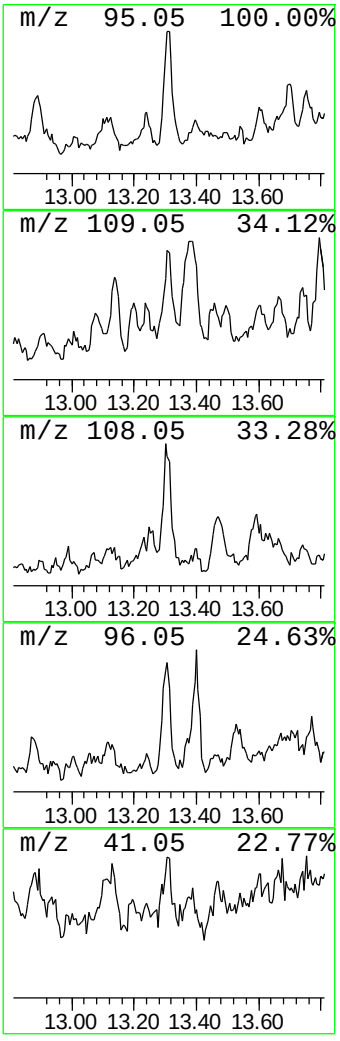
Peak Number 16 trans,cis-1,8-Dimethylspiro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	4.68 ng	630271	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,cis-1,8-Dimethylspiro[4.5]...	166	C12H22	1000111-72-9	50
2	Tricyclo[4.3.1.1(3,8)]undecan-3-ol	166	C11H18O	014504-80-4	49
3	Cyclohexanemethanol, 4-(1-methyl...	156	C10H20O	013828-37-0	43
4	9-Azadispiro[3.1.3.0]nonane	123	C8H13N	135763-48-3	43
5	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	42





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Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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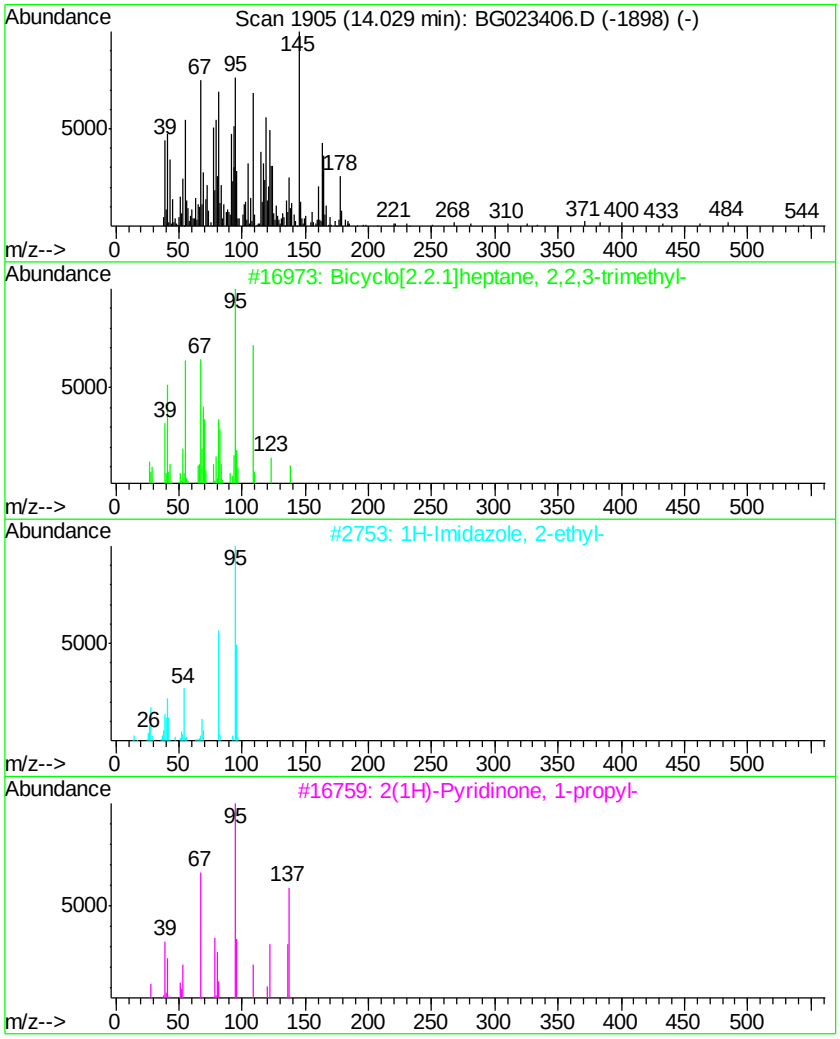
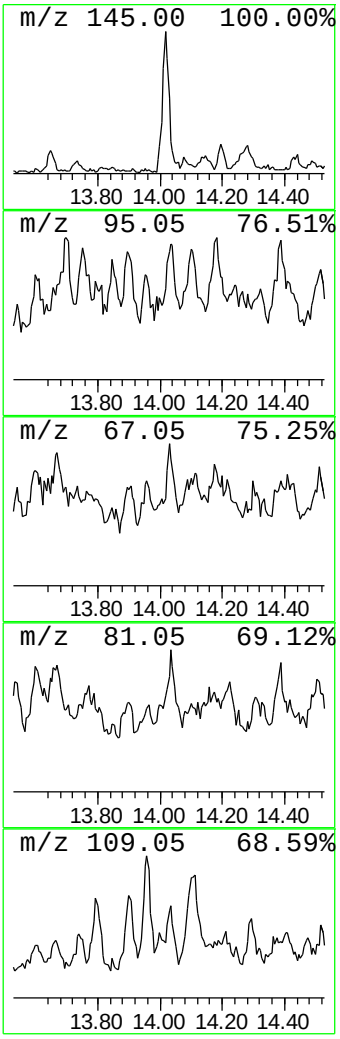
Peak Number 17 unknown14.03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.03	6.12 ng	823824	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	35
2	1H-Imidazole, 2-ethyl-	96	C5H8N2	001072-62-4	30
3	2(1H)-Pyridinone, 1-propyl-	137	C8H11NO	019006-63-4	25
4	Ethanone, 1-(1-cyclohexen-1-yl)-	124	C8H12O	000932-66-1	20
5	Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	020536-40-7	20





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Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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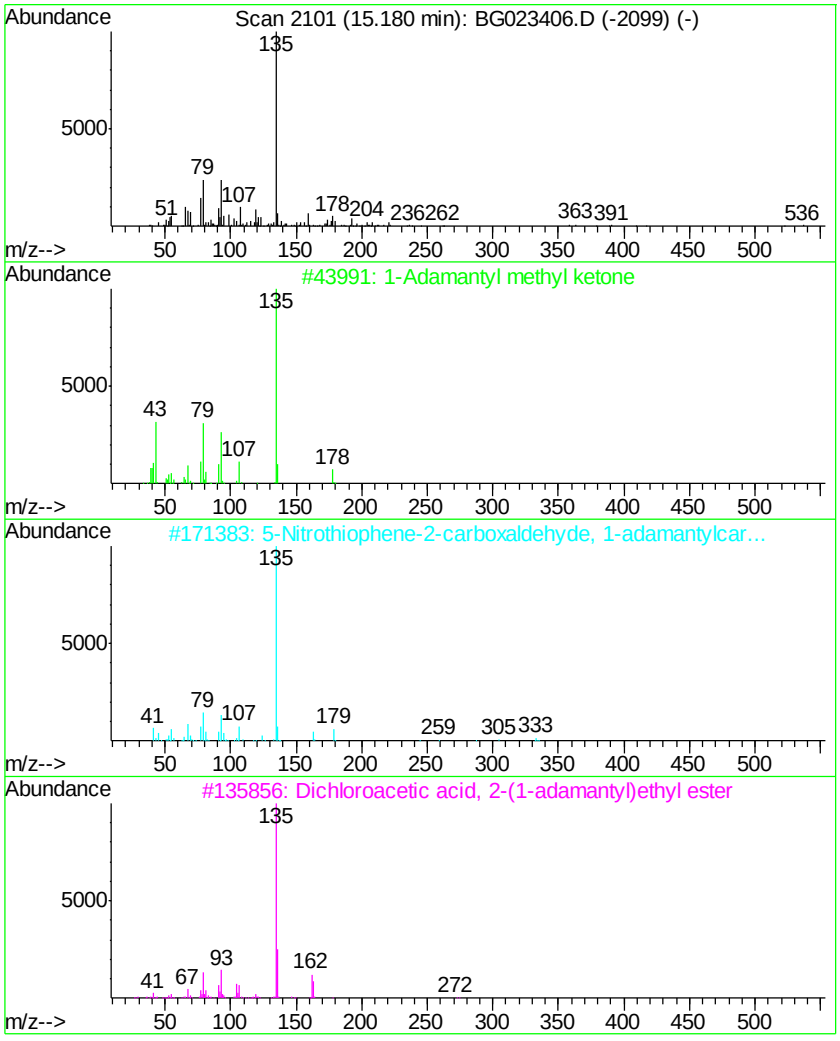
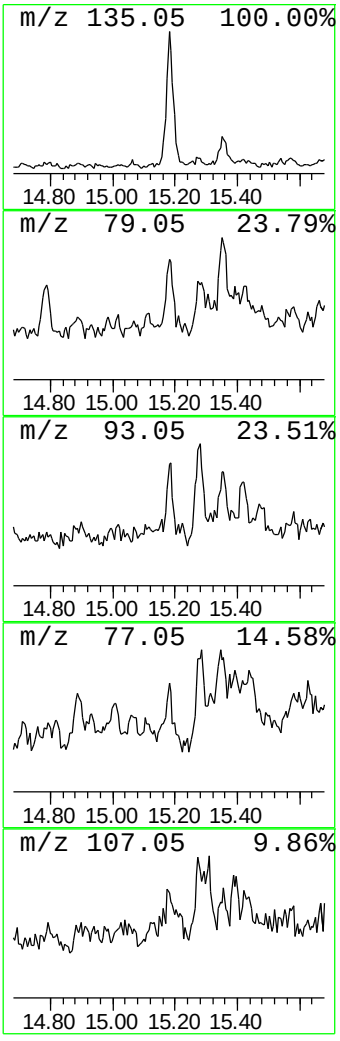
Peak Number 18 1-Adamantyl methyl ketone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.18	4.75 ng	639958	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Adamantyl methyl ketone	178	C12H18O	001660-04-4	87
2	5-Nitrothiophene-2-carboxaldehyd...	333	C16H19N3O3S	042826-31-3	72
3	Dichloroacetic acid, 2-(1-adaman...	290	C14H20Cl2O2	1000282-97-8	72
4	3-Adamantanecarboxylic acid, phe...	256	C17H20O2	035856-79-2	64
5	Adamantane-1-carboxylic acid, 4-...	284	C18H20O3	1000276-61-1	64





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Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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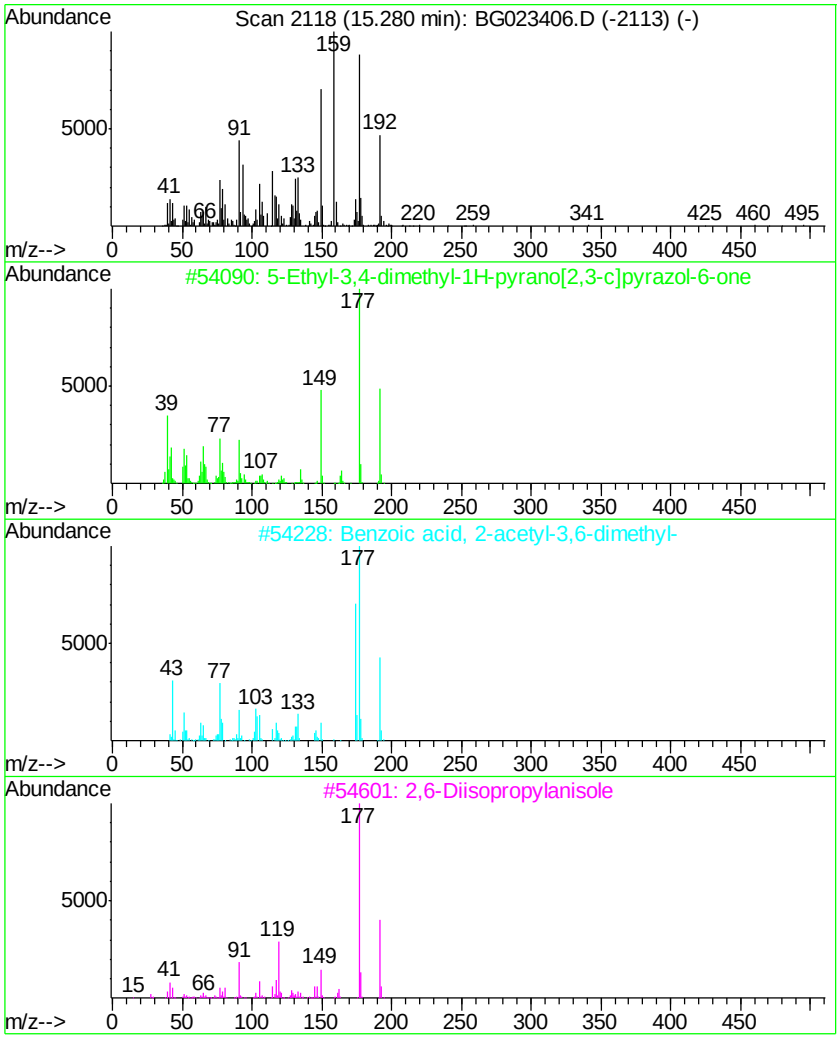
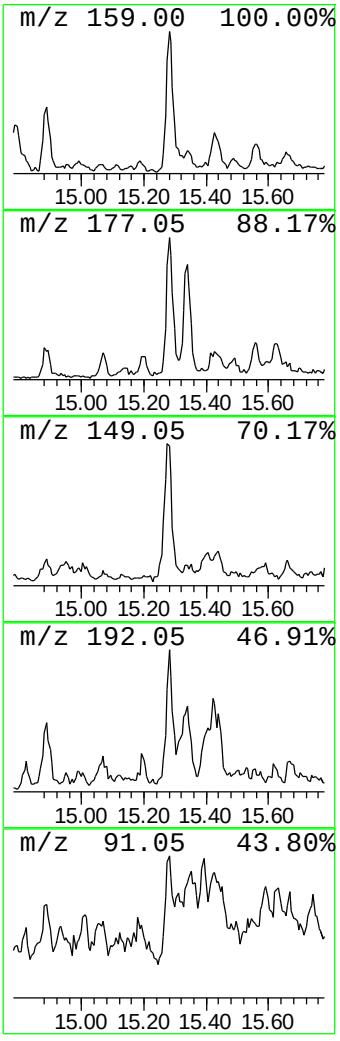
Peak Number 19 5-Ethyl-3,4-dimethyl-1H-pyr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.28	8.80 ng	1185440	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	55
2	Benzoic acid, 2-acetyl-3,6-dimet...	192	C11H12O3	146950-86-9	41
3	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	38
4	6-Isopropyl-benzothiazol-2-ylamine	192	C10H12N2S	032895-14-0	38
5	N-[4-(Ethyl-methyl-amino)-phenyl...	192	C11H16N2O	099981-45-0	38





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Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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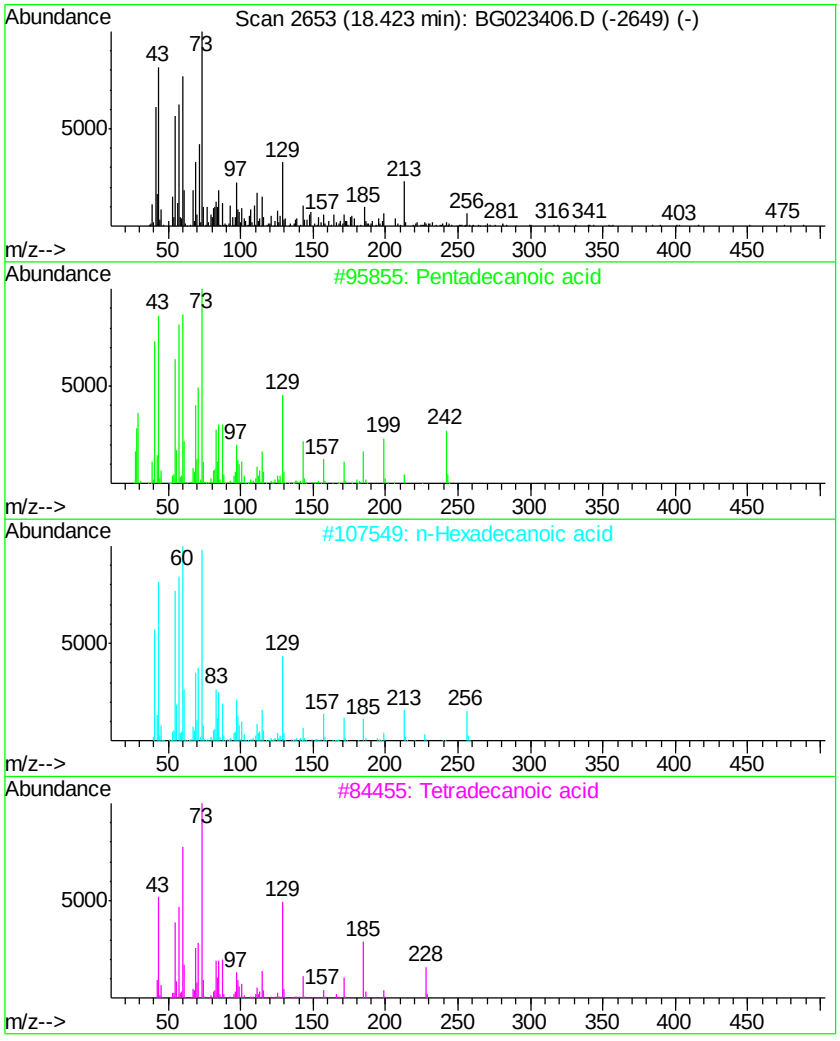
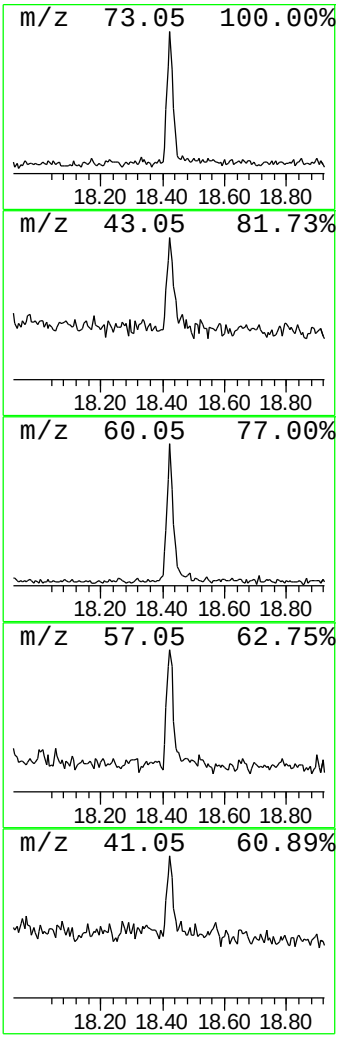
Peak Number 20 Pentadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	3.90 ng	573809	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	60
4	Tridecanoic acid	214	C13H26O2	000638-53-9	52
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080216\
Data File : BG023406.D
Acq On : 2 Aug 2016 21:40
Operator : UM/SJ
Sample : H4270-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KMW-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.19	10.3	ng	456356	1	8.12	886706	20.0
unknown7.65	7.65	102.1	ng	4524320	1	8.12	886706	20.0
Cyclopentane, 1-e...	8.83	4.2	ng	186253	1	8.12	886706	20.0
unknown9.15	9.15	5.2	ng	229310	1	8.12	886706	20.0
2-Pentene, 3-ethy...	9.19	5.3	ng	235062	1	8.12	886706	20.0
unknown9.40	9.40	5.0	ng	221053	1	8.12	886706	20.0
1H-Pyrrolizine, h...	9.96	6.3	ng	569156	2	10.95	1805110	20.0
Benzene, 2-butenyl-	10.34	4.6	ng	412527	2	10.95	1805110	20.0
trans-4-Methylcyc...	10.67	4.6	ng	417527	2	10.95	1805110	20.0
unknown11.09	11.09	5.3	ng	475338	2	10.95	1805110	20.0
Cyclohexane, 1-et...	11.39	12.6	ng	1132610	2	10.95	1805110	20.0
1-Adamantanol	12.20	7.0	ng	627452	2	10.95	1805110	20.0
Cyclohexanethiol,...	12.61	4.8	ng	433562	2	10.95	1805110	20.0
unknown13.12	13.12	6.7	ng	901815	3	14.78	2694240	20.0
trans,cis-1,8-Dim...	13.31	4.7	ng	630271	3	14.78	2694240	20.0
unknown14.03	14.03	6.1	ng	823824	3	14.78	2694240	20.0
1-Adamantyl methy...	15.18	4.8	ng	639958	3	14.78	2694240	20.0
5-Ethyl-3,4-dimet...	15.28	8.8	ng	1185440	3	14.78	2694240	20.0
Pentadecanoic acid	18.42	3.9	ng	573809	4	17.54	2946390	20.0