LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

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-BG122116.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	7.749	828	836	849	rVB	1002532	1945217	1.25%	0.661%
2	8.537	964	970	980	rVB	898458	1731640	1.12%	0.589%
3	8.995	1031	1048	1063	rVB7	483789	2104254	1.36%	0.715%
4	9.394	1110	1116	1122	rBV	919323	1807153	1.17%	0.614%
5	10.893	1345	1371	1375	rBV6	839855	4131072	2.66%	1.404%
6	11.045	1391	1397	1403	rBV3	884453	1849108	1.19%	0.629%
7	11.351	1428	1449	1453	rBV2	1138102	4824201	3.11%	1.640%
8	11.557	1476	1484	1491	rBV4	754477	2251410	1.45%	0.765%
9	11.633	1492	1497	1502	rVV5	772045	1878851	1.21%	0.639%
10	12.050	1564	1568	1573	rVB3	1305041	2581711	1.66%	0.878%
11	12.356	1612	1620	1630	rBV5	682384	2577339	1.66%	0.876%
12	12.608	1646	1663	1672	rBV3	919755	4125905	2.66%	1.402%
13	12.714	1673	1681	1689	rVB2	1284682	3317575	2.14%	1.128%
14	12.826	1690	1700	1704	rVV4	1366405	4126108	2.66%	1.403%
15	12.873	1704	1708	1715	rVV6	1183910	2954889	1.91%	1.004%
16	13.284	1771	1778	1781	rBV6	781502	1873727	1.21%	0.637%
17	13.331	1782	1786	1793	rVB5	1484802	3040920	1.96%	1.034%
18	13.460	1803	1808	1817	rVB2	2682684	5011493	3.23%	1.704%
19	14.183	1922	1931	1939	rVV2	881206	2420703	1.56%	0.823%
20	14.541	1989	1992	2004	rVB7	885225	2263265	1.46%	0.769%
21	14.747	2023	2027	2036	rVB6	769676	1831984	1.18%	0.623%
22	14.841	2038	2043	2052	rVB4	783327	1872196	1.21%	0.636%
23	15.382	2130	2135	2144	rBV4	927167	2532110	1.63%	0.861%
24	15.476	2146	2151	2156	rBV2	1454553	2821770	1.82%	0.959%
25	15.699	2182	2189	2197	rVB6	1524092	3479795	2.24%	1.183%
26	16.339	2292	2298	2302	rBV	1927361	3194115	2.06%	1.086%
27	19.001	2718	2751	2754	rBV	27861625	155070746	100.00%	52.712%
28	19.195	2779	2784	2791	rVB4	1503519	3696660	2.38%	1.257%
29	19.406	2805	2820	2830	rVB	14653897	43266641	27.90%	14.707%
30	19.835	2888	2893	2898	rVB	9483888	11578431	7.47%	3.936%
31	20.129	2939	2943	2946	rBV	2443053	2921910	1.88%	0.993%
32	20.170	2946	2950	2957	rVB	3982248	5101541	3.29%	1.734%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

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-BG122116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 294184440

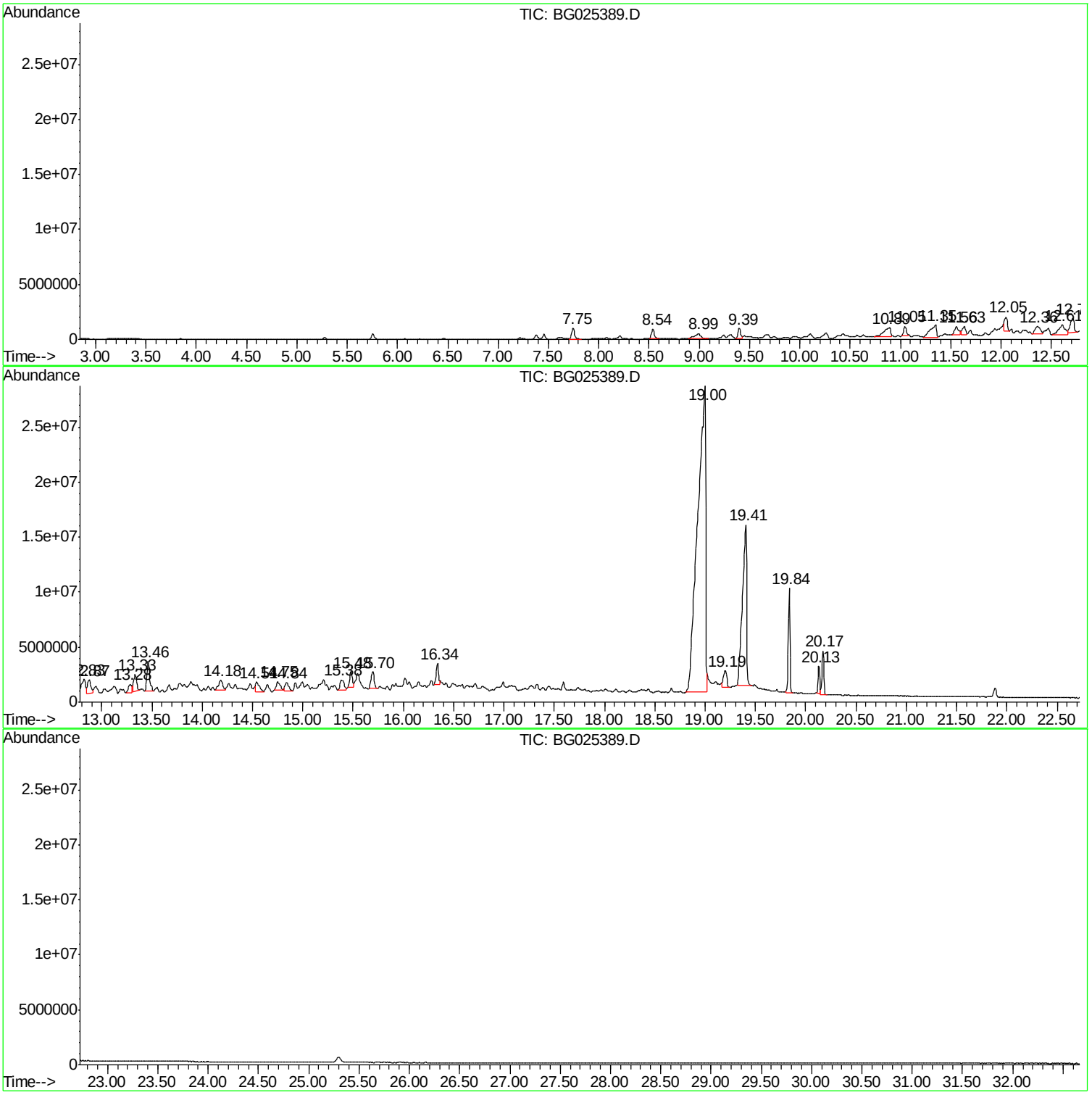
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

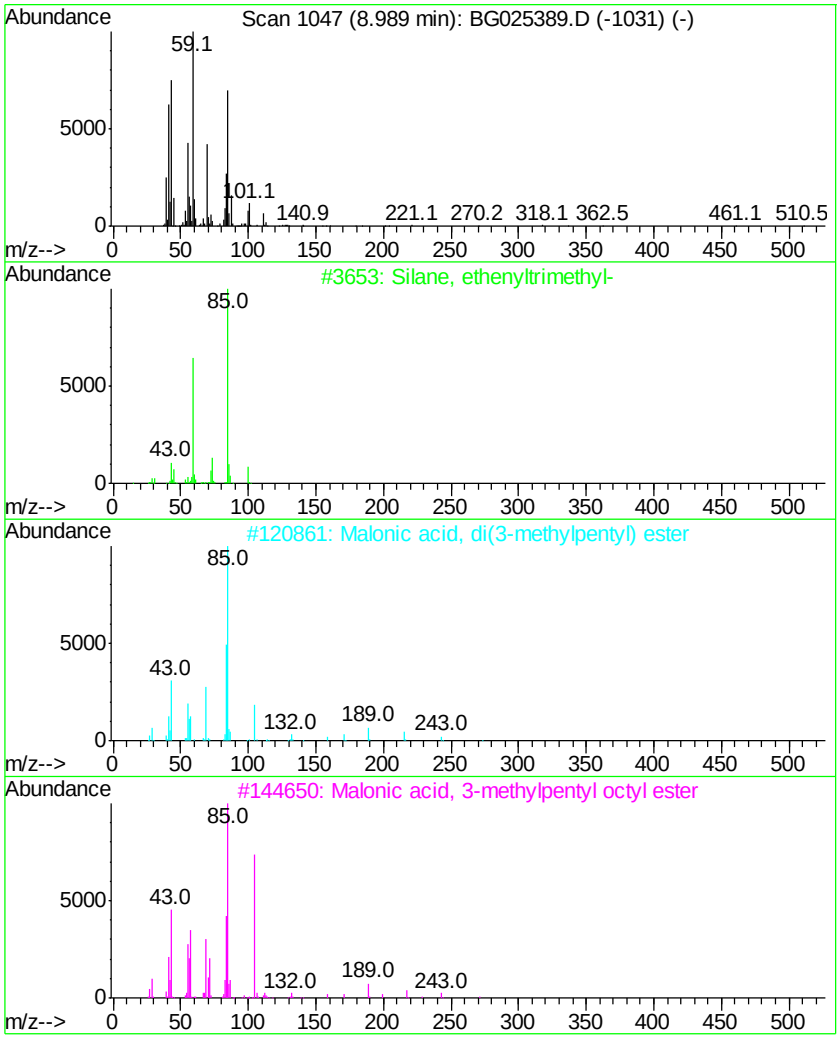
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

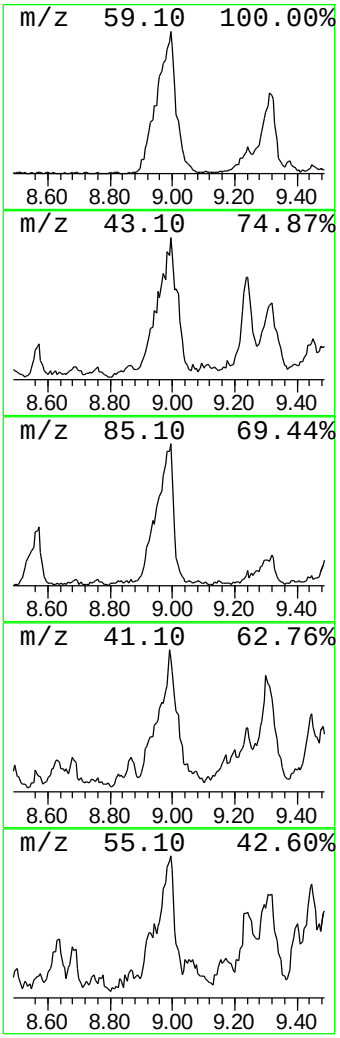
****

Peak Number 1 unknown8.99 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	24.30 ng	2104250	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, ethenyltrimethyl-	100	C5H12Si	000754-05-2	38
2	Malonic acid, di(3-methylpentyl)...	272	C15H28O4	1000348-28-9	22
3	Malonic acid, 3-methylpentyl oct...	300	C17H32O4	1000348-28-2	22
4	Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	22
5	Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	18





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

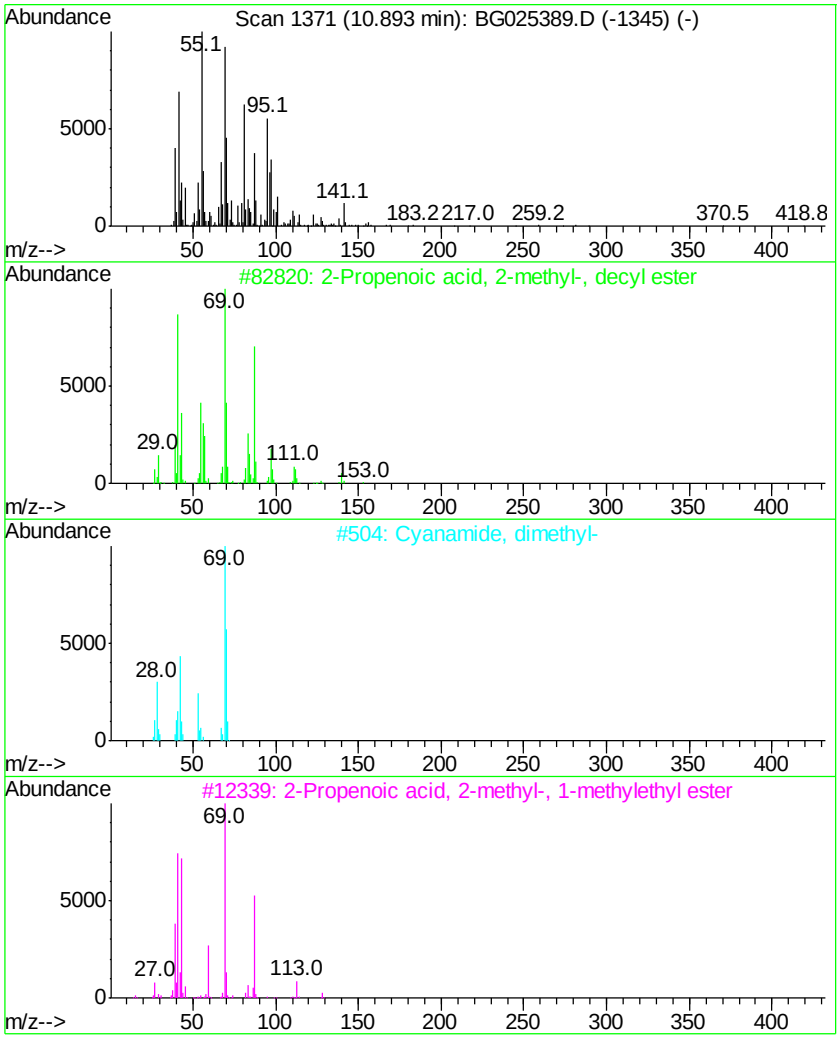
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

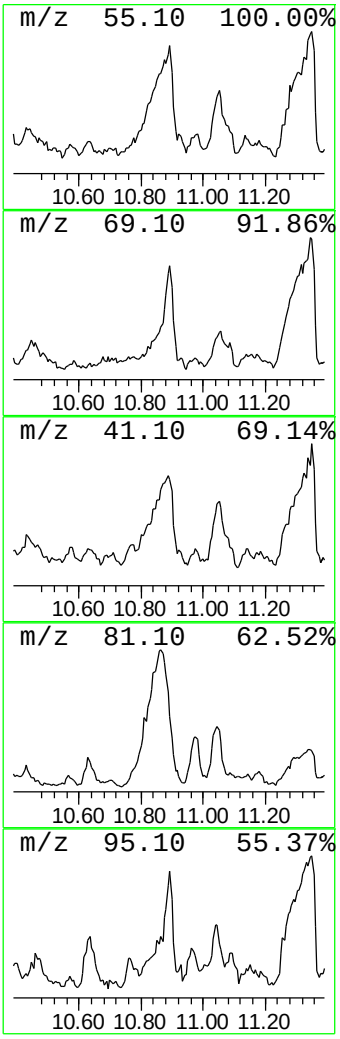
****

Peak Number 2 unknown10.89 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	44.68 ng	4131070	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenoic acid, 2-methyl-, dec...	226	C14H26O2	003179-47-3	38
2	Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	35
3	2-Propenoic acid, 2-methyl-, 1-m...	128	C7H12O2	004655-34-9	35
4	2-Butenoic acid, hexyl ester	170	C10H18O2	019089-92-0	27
5	2-Hydroxyethyl methacrylate	130	C6H10O3	000868-77-9	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

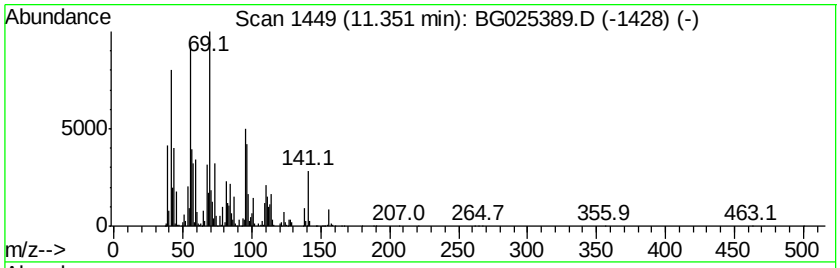
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

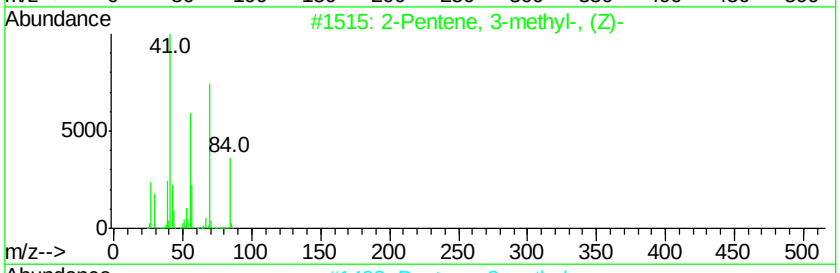
****

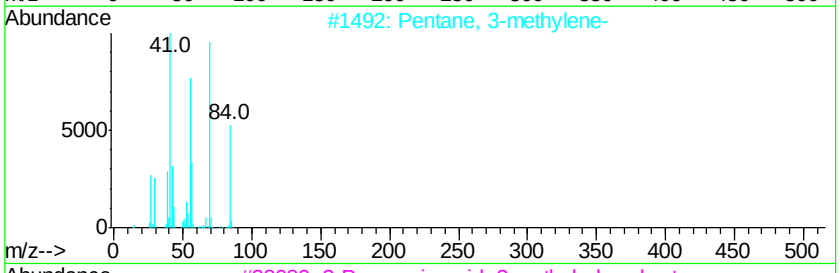
Peak Number 3 unknown11.35 Concentration Rank 3

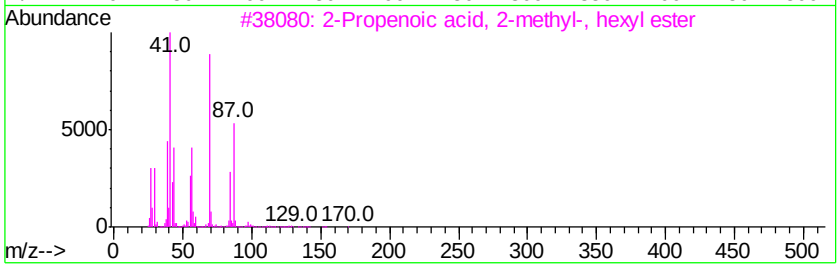
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	52.18 ng	4824200	Naphthalene-d8	11.04

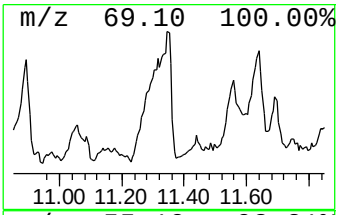
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 3-methyl-, (Z)-	84	C6H12	000922-62-3	46
2	Pentane, 3-methylene-	84	C6H12	000760-21-4	41
3	2-Propenoic acid, 2-methyl-, hex...	170	C10H18O2	000142-09-6	27
4	Citronellol	156	C10H20O	000106-22-9	27
5	3-Heptene, 2-methyl-, (E)-	112	C8H16	000692-96-6	27

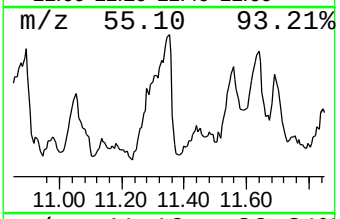


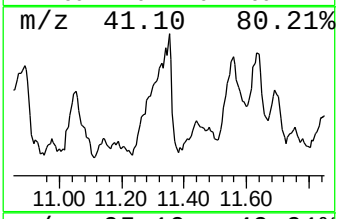


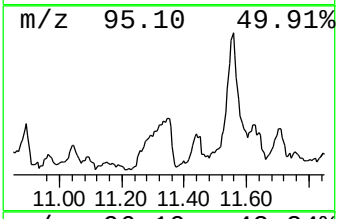


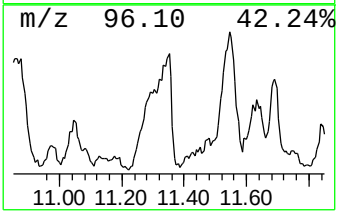












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

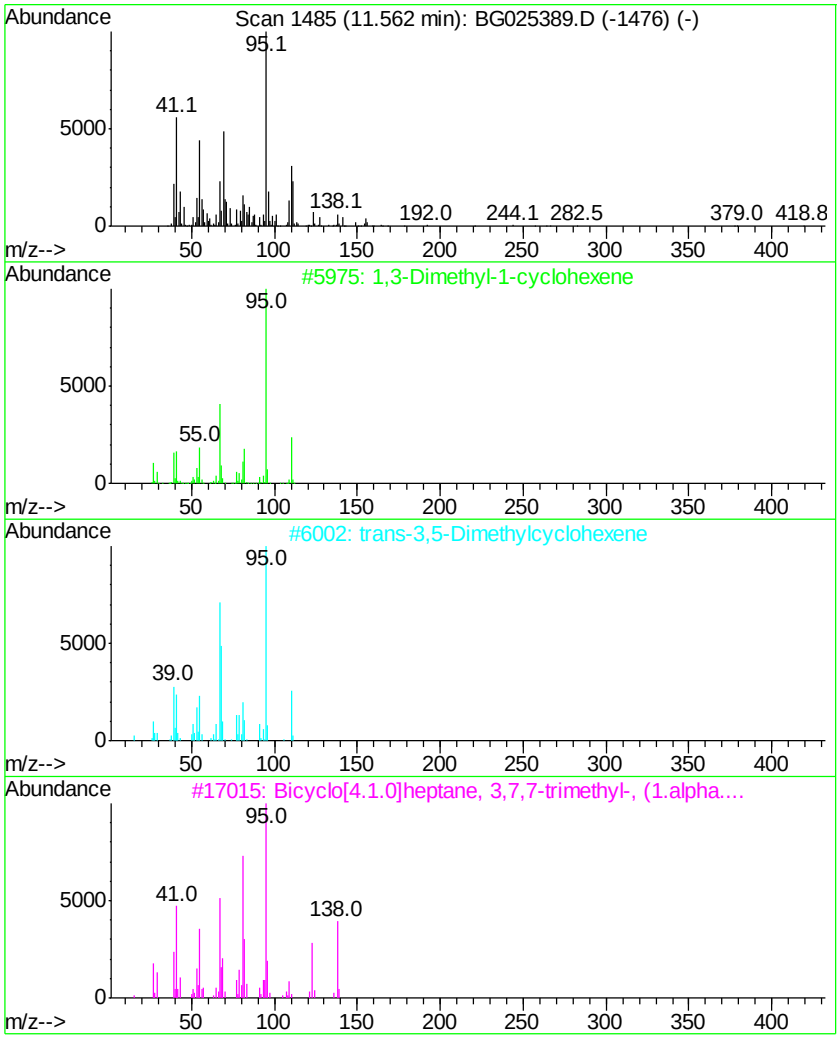
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

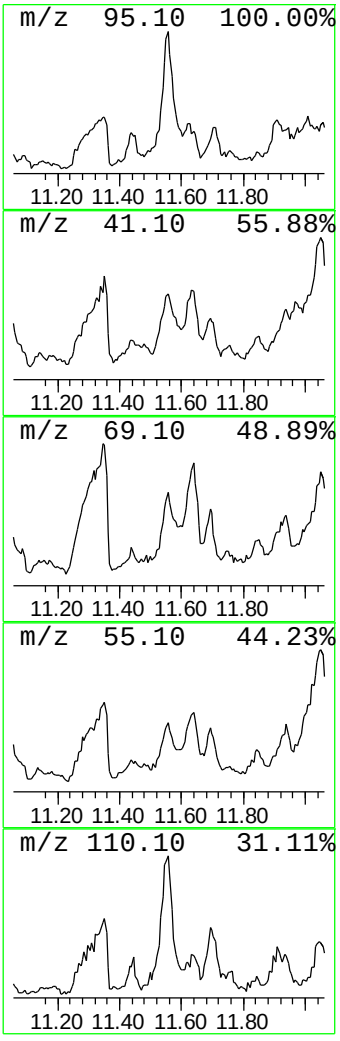
****

Peak Number 4 1,3-Dimethyl-1-cyclohexene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	24.35 ng	2251410	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dimethyl-1-cyclohexene	110	C8H14	002808-76-6	53
2	trans-3,5-Dimethylcyclohexene	110	C8H14	056021-63-7	50
3	Bicyclo[4.1.0]heptane, 3,7,7-tri...	138	C10H18	018968-23-5	47
4	2-Isopropylimidazole	110	C6H10N2	036947-68-9	47
5	Cyclopentene, 1,4-dimethyl-5-(1-...	138	C10H18	061142-33-4	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

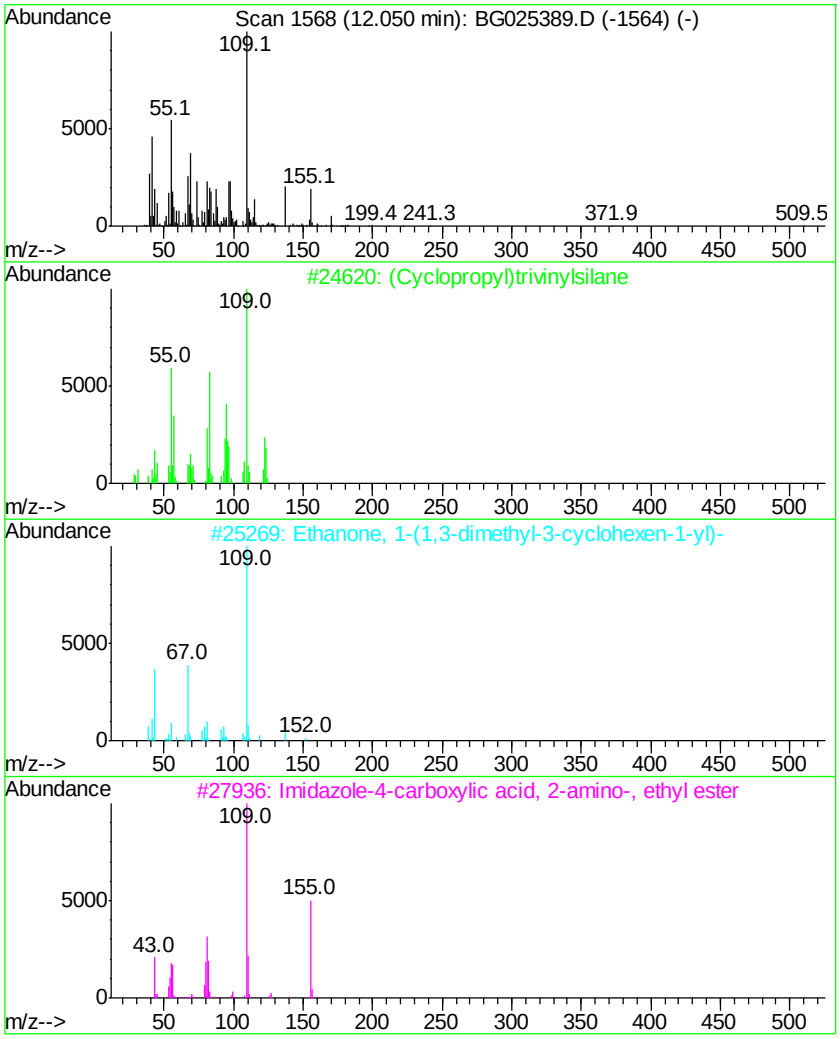
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

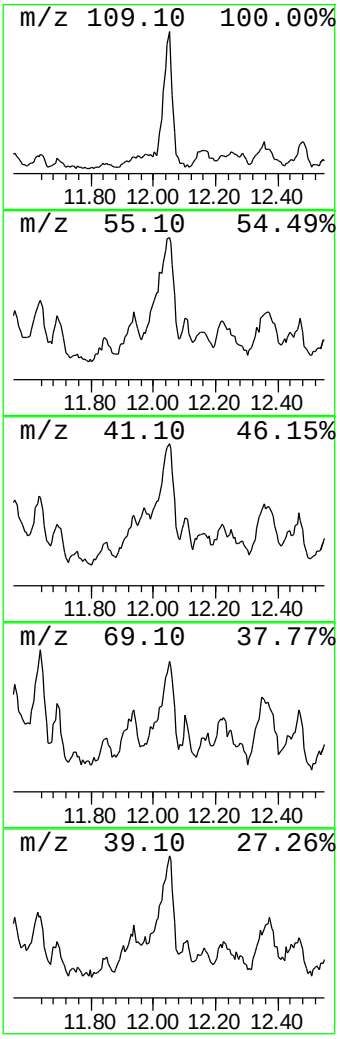
****

Peak Number 5 unknown12.05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	27.92 ng	2581710	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Cyclopropyl)trivinylsilane	150	C9H14Si	1000109-93-8	47
2	Ethanone, 1-(1,3-dimethyl-3-cycl...	152	C10H16O	051733-68-7	35
3	Imidazole-4-carboxylic acid, 2-a...	155	C6H9N3O2	149520-94-5	35
4	(2-Fluorophenyl) methanol, 1-met...	182	C11H15FO	1000374-56-6	35
5	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

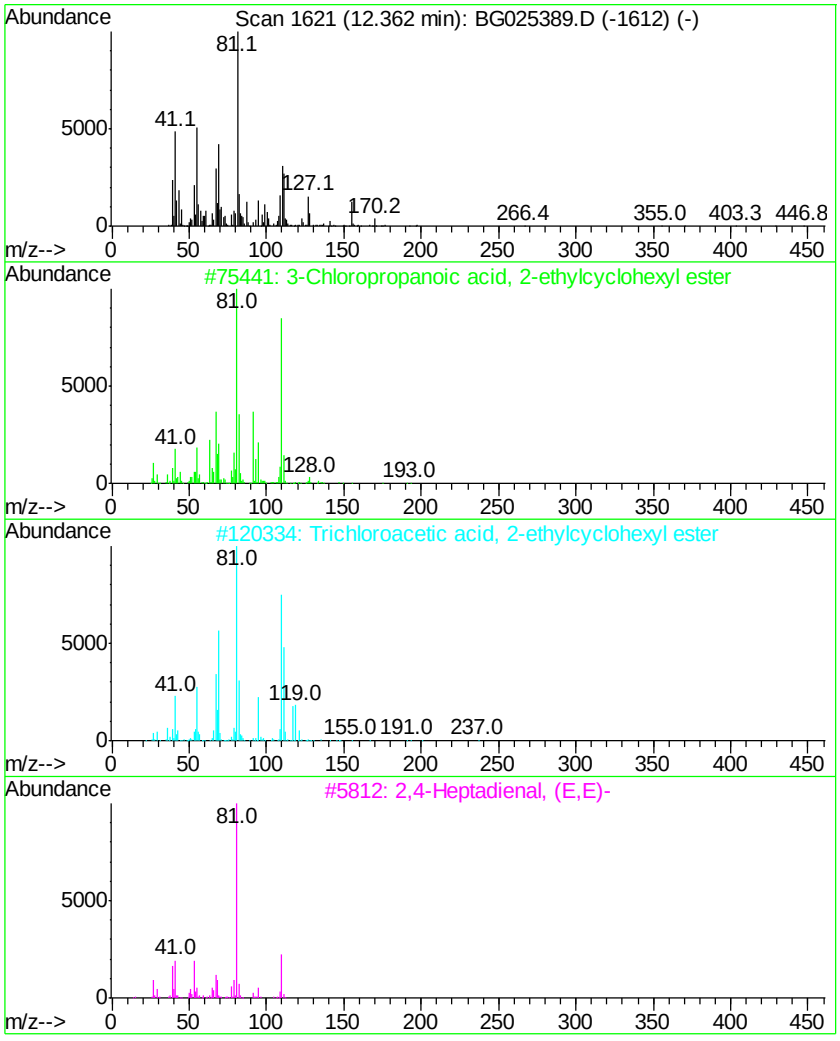
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

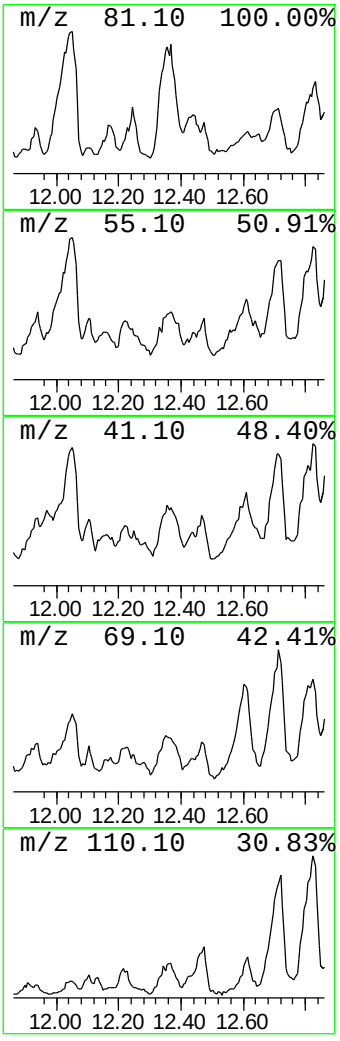
****

Peak Number 6 unknown12.36 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	27.88 ng	2577340	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloropropanoic acid, 2-ethylc...	218	C11H19ClO2	1000282-65-7	47
2	Trichloroacetic acid, 2-ethylcyc...	272	C10H15Cl3O2	1000282-57-3	40
3	2,4-Heptadienal, (E,E)-	110	C7H10O	004313-03-5	38
4	1,5-Hexadiene, 2-methyl-	96	C7H12	004049-81-4	38
5	Cyclopentane, 1-ethenyl-3-ethyl-...	138	C10H18	055170-98-4	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

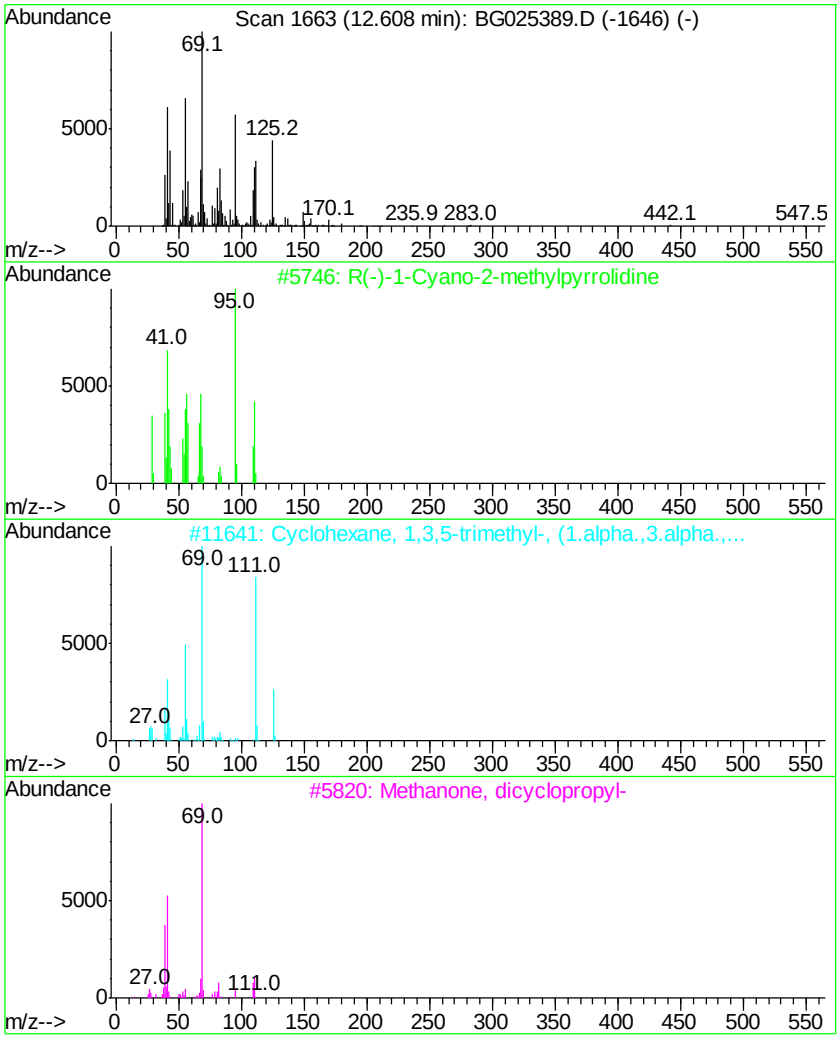
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

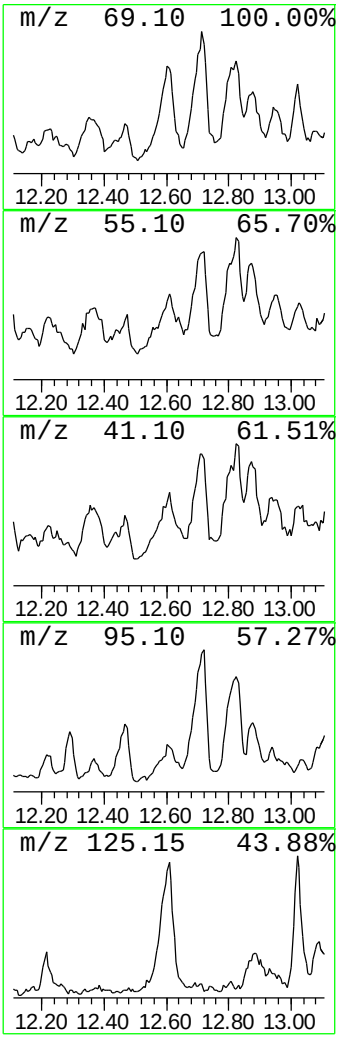
****

Peak Number 7 unknown12.61 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	44.63 ng	4125910	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	R(-)-1-Cyano-2-methylpyrrolidine	110	C6H10N2	1000145-01-8	38
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	30
3	Methanone, dicyclopropyl-	110	C7H10O	001121-37-5	30
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	27
5	Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

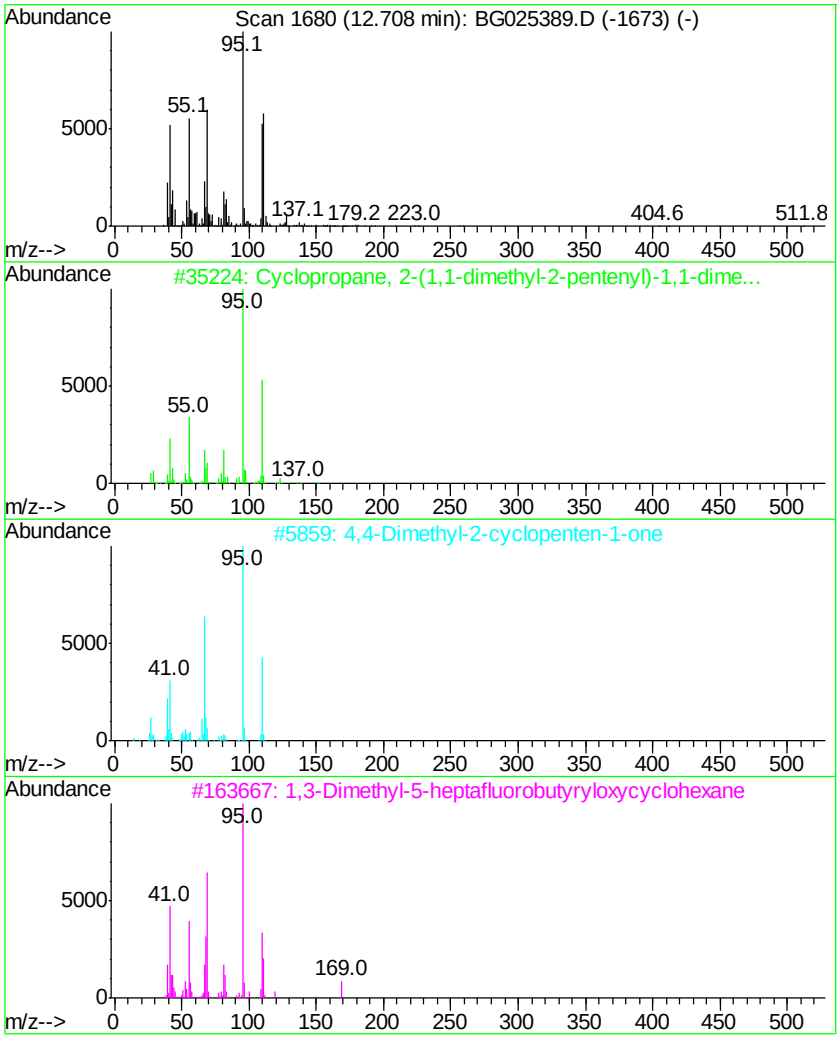
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

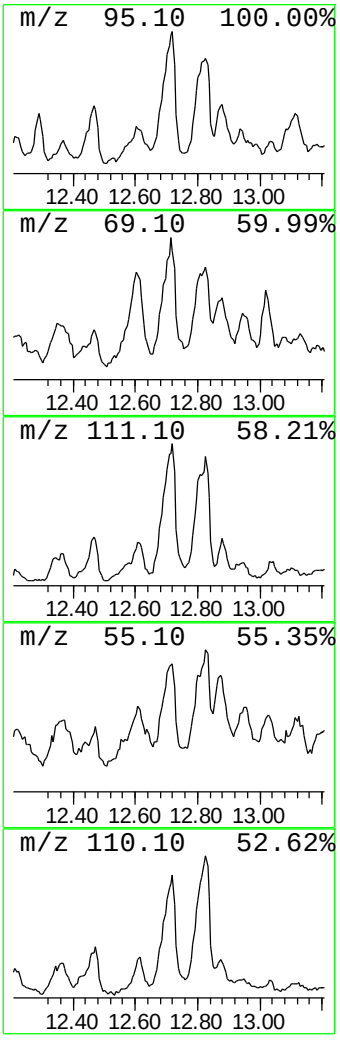
****

Peak Number 8 Cyclopropane, 2-(1,1-dimeth... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	35.88 ng	3317580	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 2-(1,1-dimethyl-2-...	166	C12H22	074663-76-6	50
2	4,4-Dimethyl-2-cyclopenten-1-one	110	C7H10O	022748-16-9	50
3	1,3-Dimethyl-5-heptafluorobutyryl...	324	C12H15F7O2	1000216-63-8	47
4	3-Pyridinol-1-oxide	111	C5H5NO2	006602-28-4	47
5	Ethanone, 1-(2-furanyl)-	110	C6H6O2	001192-62-7	47





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Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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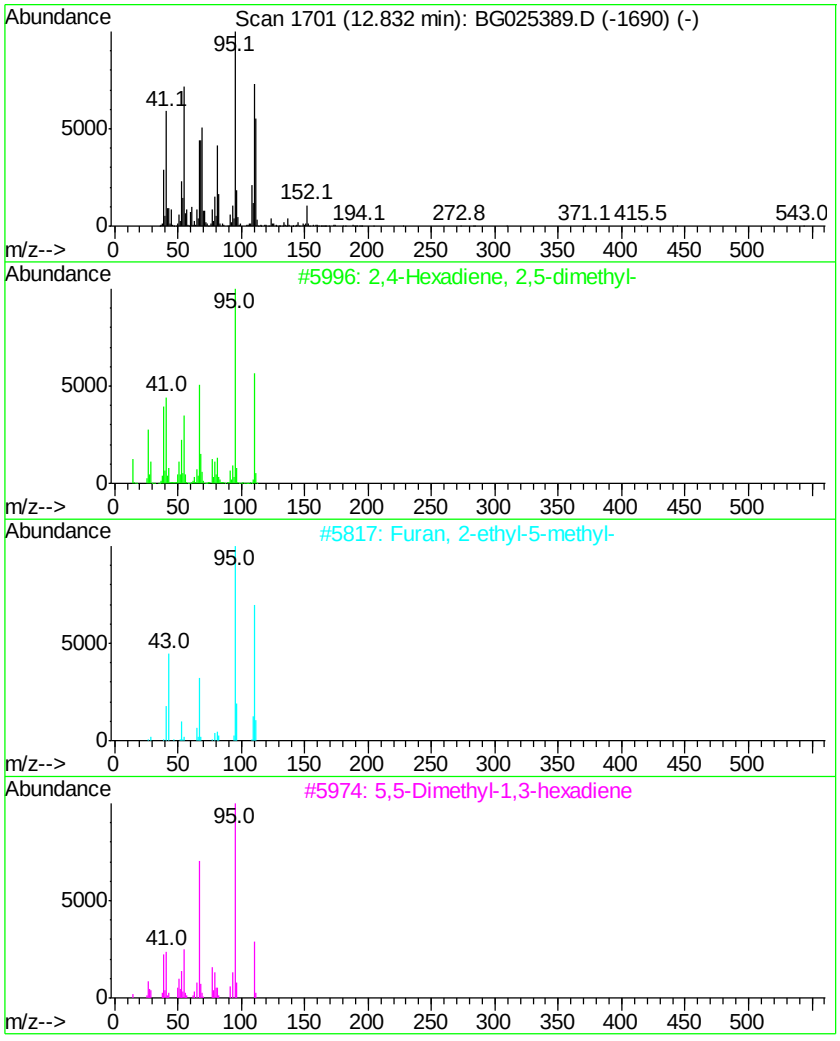
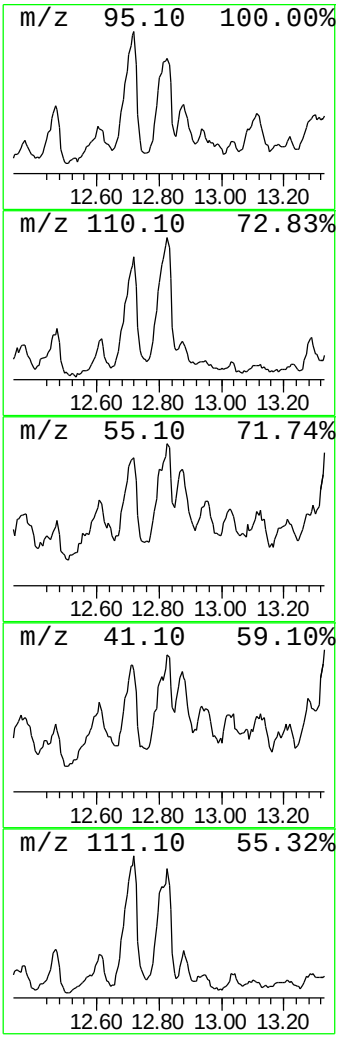
Peak Number 9 2,4-Hexadiene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	44.63 ng	4126110	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Hexadiene, 2,5-dimethyl-	110	C8H14	000764-13-6	62
2	Furan, 2-ethyl-5-methyl-	110	C7H10O	001703-52-2	52
3	5,5-Dimethyl-1,3-hexadiene	110	C8H14	001515-79-3	52
4	Carvenone	152	C10H16O	000499-74-1	50
5	3-Cyclopenten-1-one, 2,2,5,5-tet...	138	C9H14O	081396-36-3	50





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Acq On : 22 Dec 2016 14:47
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Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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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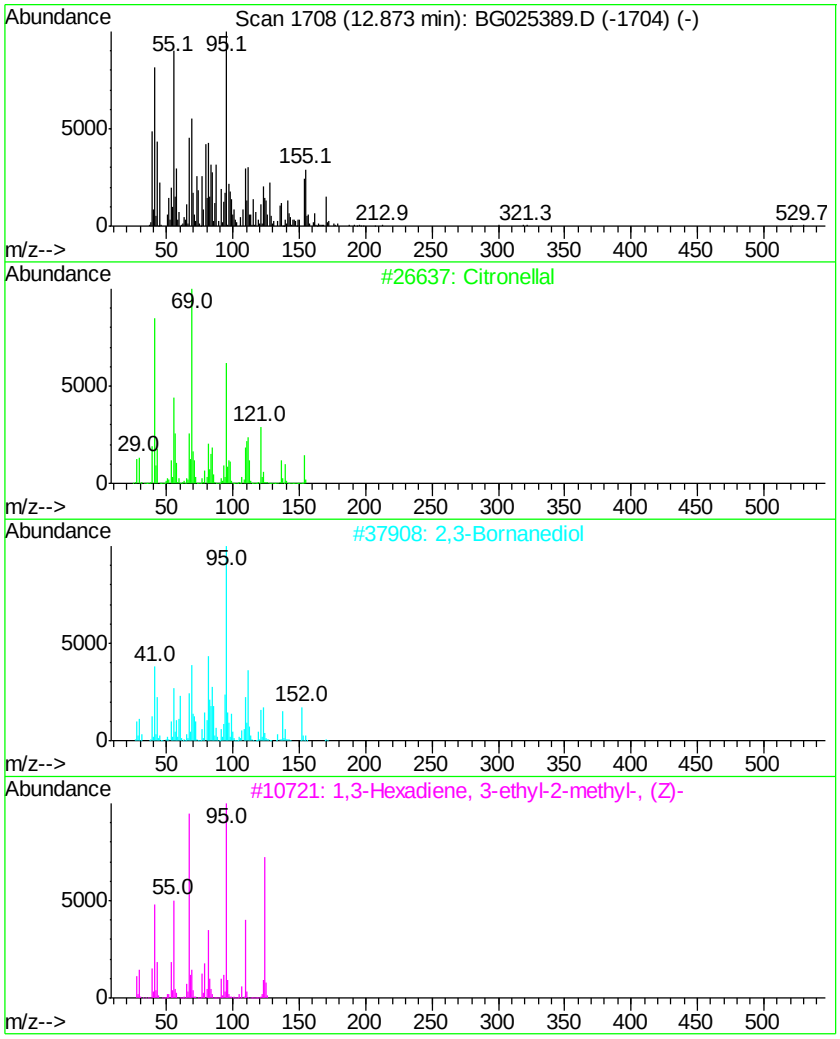
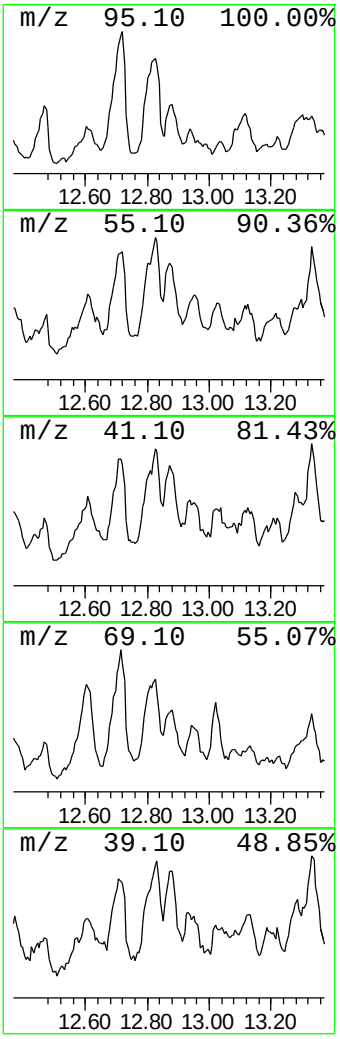
Peak Number 10 Citronellal Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	31.96 ng	2954890	Naphthalene-d8	11.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Citronellal	154	C10H18O	000106-23-0	64
2	2,3-Bornanediol	170	C10H18O2	025696-56-4	38
3	1,3-Hexadiene, 3-ethyl-2-methyl-...	124	C9H16	074752-97-9	30
4	Bicyclo[1.1.1]pentan-2-ol, 2-(1H...	150	C8H10N2O	069393-38-0	27
5	2-Dodecyne	166	C12H22	000629-49-2	27





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Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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TIC Library : C:\DATABASE\NIST11.L
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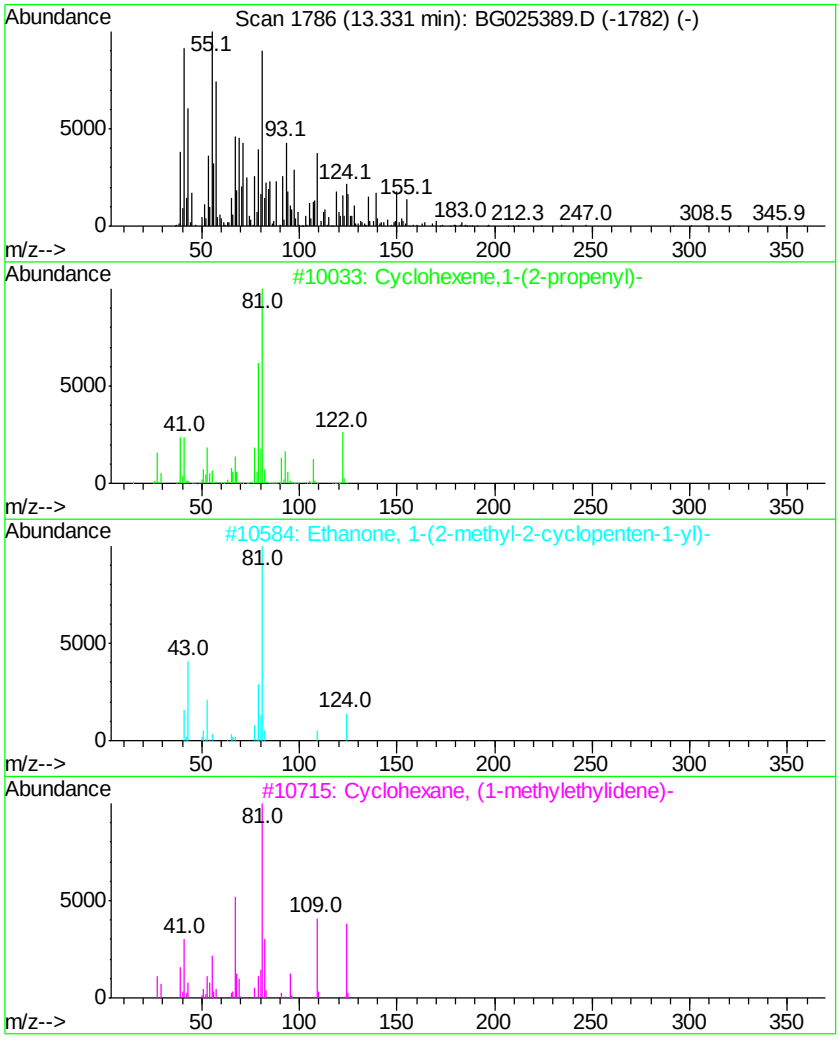
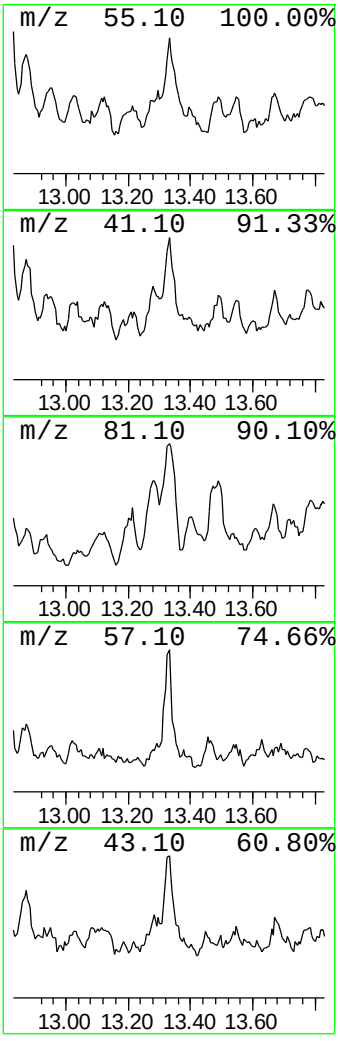
Peak Number 11 unknown13.33 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	32.49 ng	3040920	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene,1-(2-propenyl)-	122	C9H14	013511-13-2	27
2	Ethanone, 1-(2-methyl-2-cyclopen...	124	C8H12O	001767-84-6	27
3	Cyclohexane, (1-methylethylidene)-	124	C9H16	005749-72-4	27
4	1,4-Hexadiene, 4-methyl-	96	C7H12	001116-90-1	25
5	2,3-Dimethyl-1,4-pentadiene	96	C7H12	000758-86-1	25





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
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TIC Library : C:\DATABASE\NIST11.L
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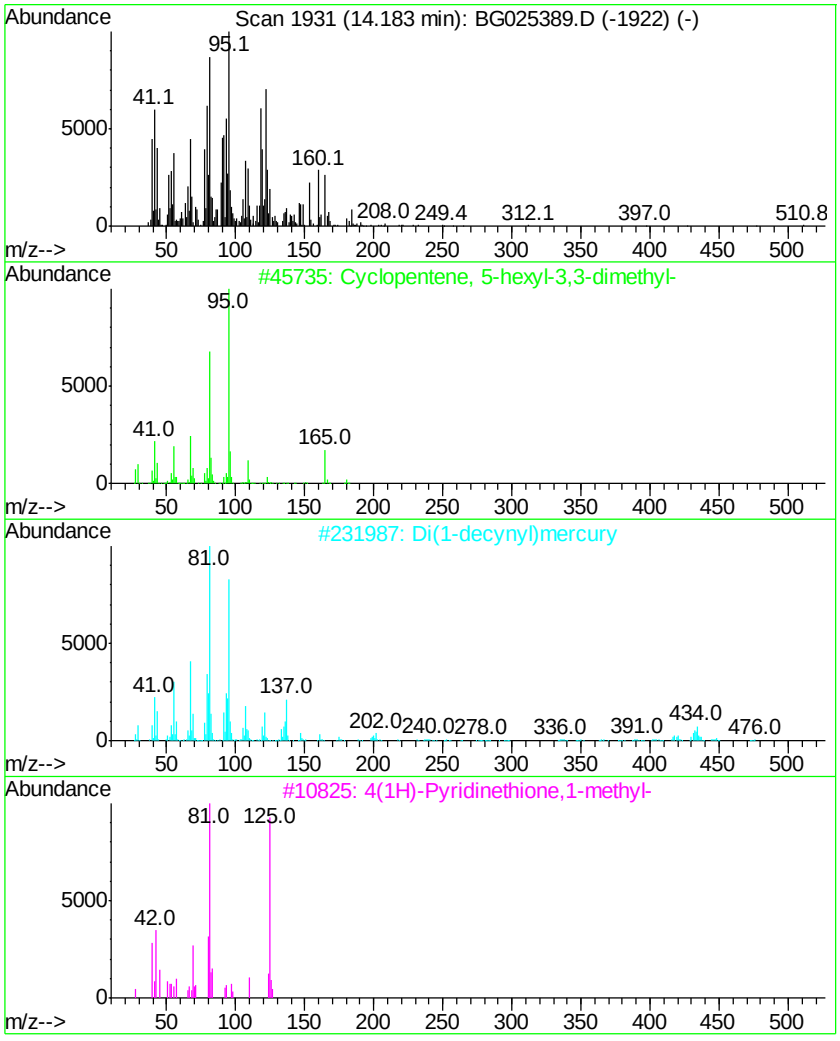
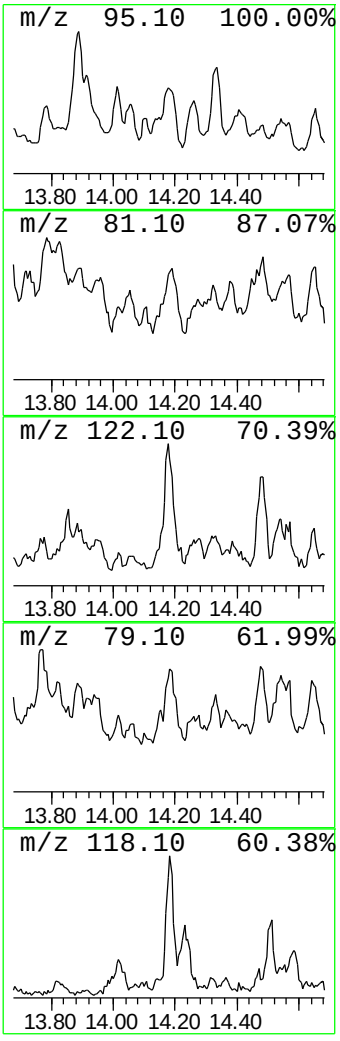
Peak Number 12 unknown14.18 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	25.86 ng	2420700	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentene, 5-hexyl-3,3-dimethyl-	180	C13H24	061142-66-3	27
2	Di(1-decynyl)mercury	476	C20H34Hg	097209-13-7	27
3	4(1H)-Pyridinethione,1-methyl-	125	C6H7NS	006887-59-8	25
4	Bicyclo[5.2.0]nonane, 4-methylen...	204	C15H24	1000159-38-2	25
5	Allylidenecyclohexane	122	C9H14	005664-10-8	14





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Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

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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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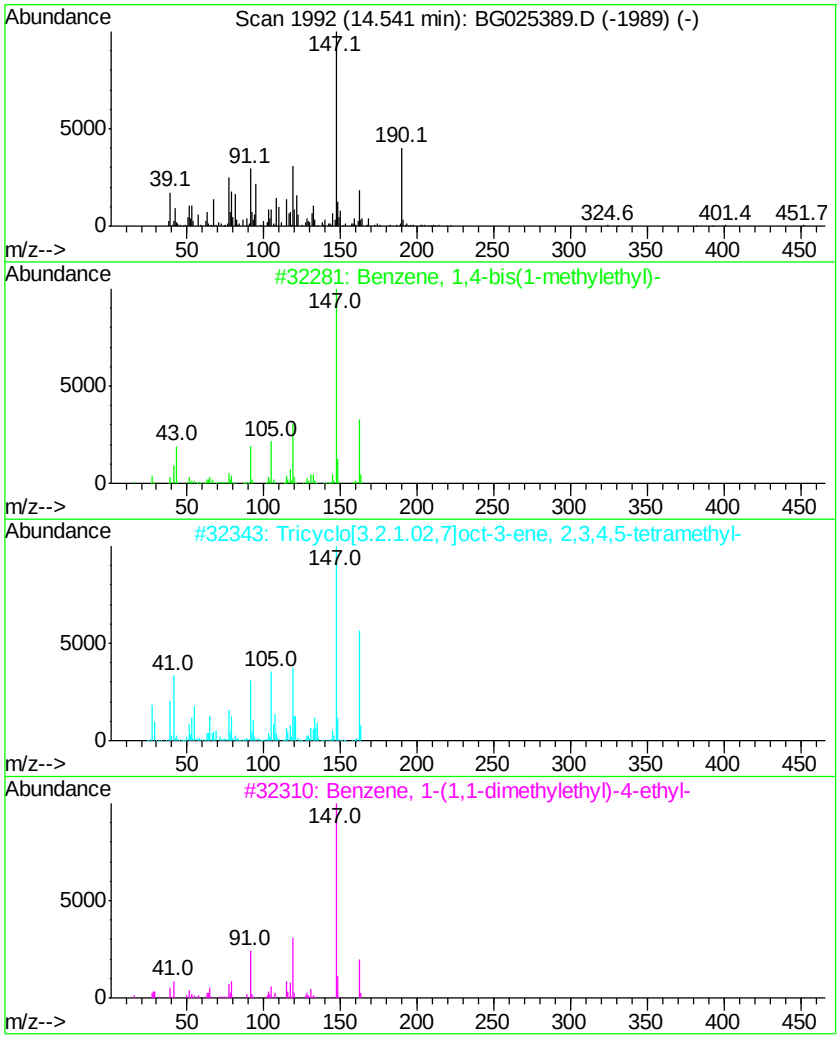
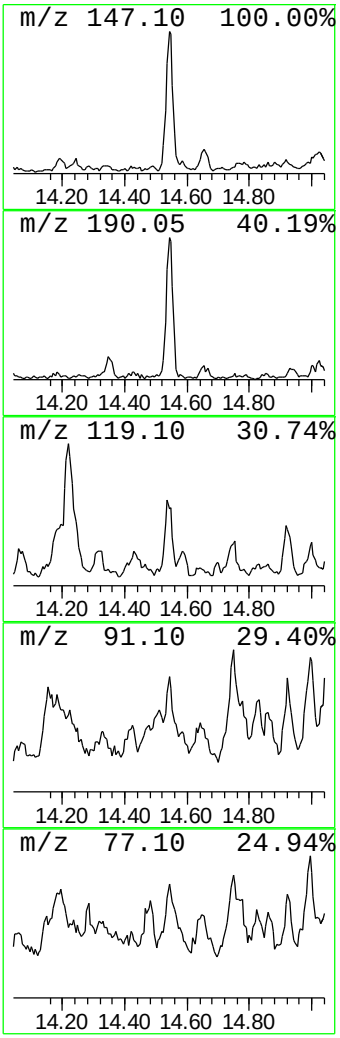
Peak Number 13 Benzene, 1,4-bis(1-methylet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	24.18 ng	2263270	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1-methylethyl)-	162	C12H18	000100-18-5	60
2	Tricyclo[3.2.1.02,7]oct-3-ene, 2...	162	C12H18	062338-44-7	60
3	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	55
4	Benzene, 1-(1,1-dimethylethyl)-3...	162	C12H18	014411-56-4	55
5	4-t-Butyl-o-xylene	162	C12H18	007397-06-0	55





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Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

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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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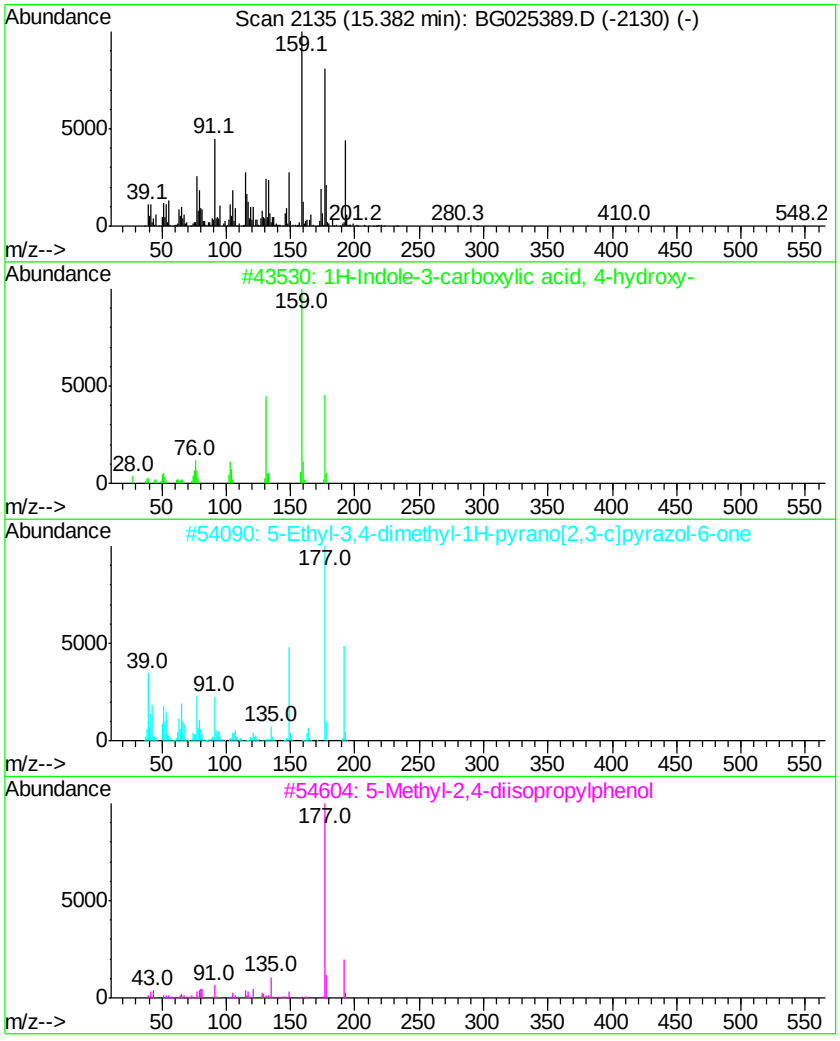
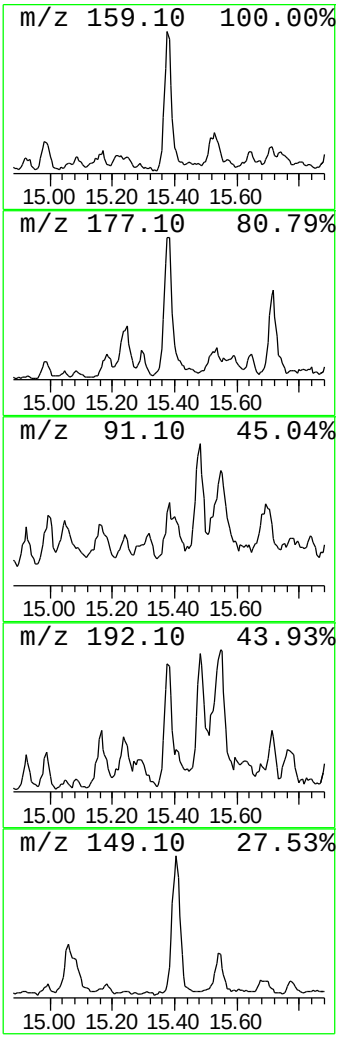
Peak Number 14 unknown15.38 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.38	27.05 ng	2532110	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole-3-carboxylic acid, 4-h...	177	C9H7NO3	024370-76-1	49
2	5-Ethyl-3,4-dimethyl-1H-pyrano[2...	192	C10H12N2O2	1000296-60-7	46
3	5-Methyl-2,4-diisopropylphenol	192	C13H20O	040625-96-5	38
4	2,6-Diisopropylanisole	192	C13H20O	002944-52-7	38
5	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	35





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Sample : H6166-05
Misc :
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Instrument : BNA_G
ClientSampleId : MW-22

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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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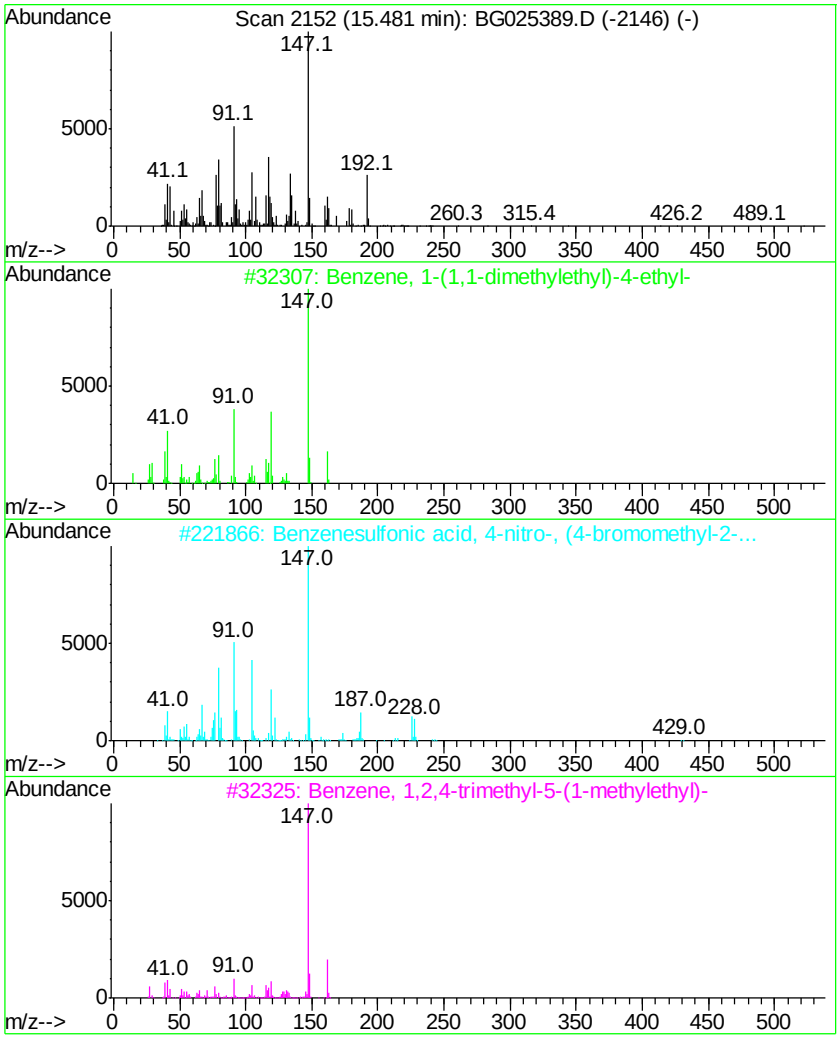
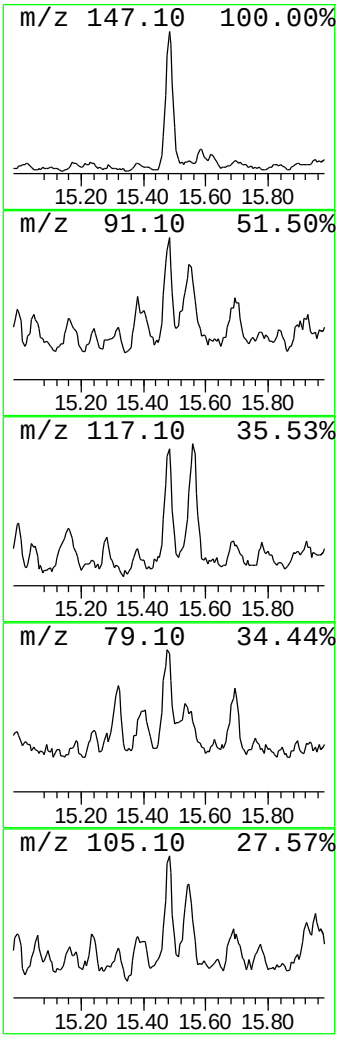
Peak Number 15 unknown15.48 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.48	30.14 ng	2821770	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	162	C12H18	007364-19-4	38
2	Benzenesulfonic acid, 4-nitro-, ...	429	C17H20BrNO5S	274255-39-9	35
3	Benzene, 1,2,4-trimethyl-5-(1-me...	162	C12H18	010222-95-4	30
4	2,2,4,4-Tetramethyl-2,4-disilath...	162	C5H14SSi2	091521-58-3	25
5	Benzene, 1-methoxy-4-(1-methyl-2...	162	C11H14O	018272-83-8	25





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Instrument : BNA_G
ClientSampleId : MW-22

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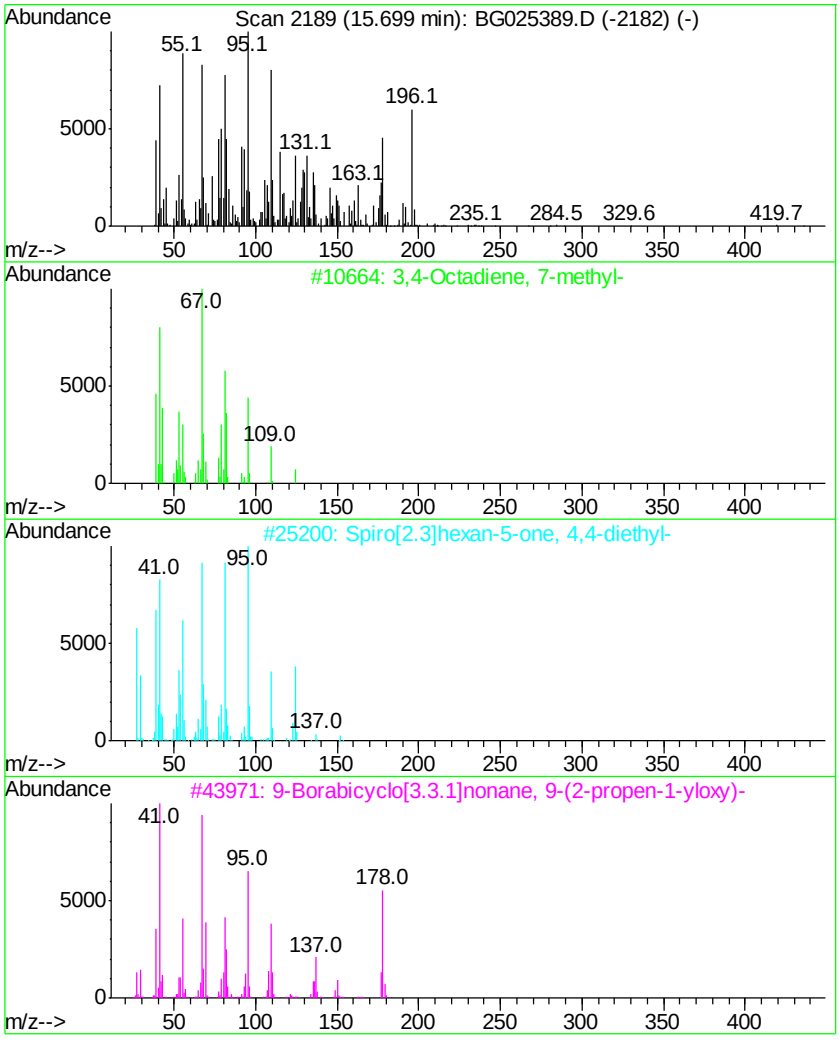
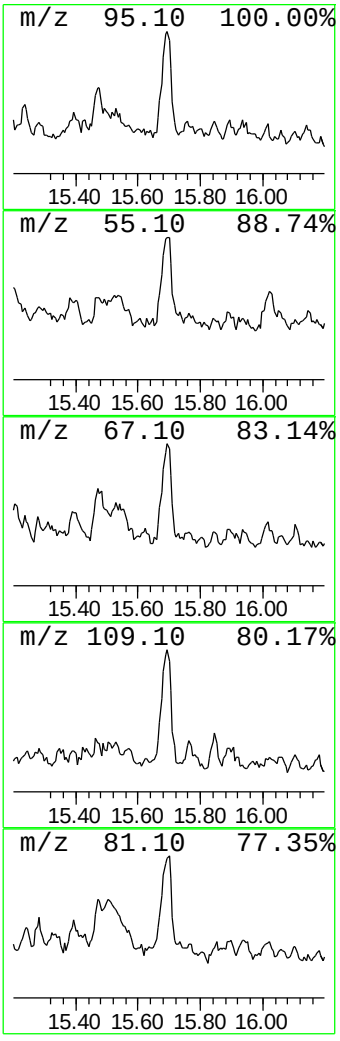
Peak Number 16 3,4-Octadiene, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.70	37.17 ng	3479800	Acenaphthene-d10	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	95
2	Spiro[2.3]hexan-5-one, 4,4-diethyl-	152	C10H16O	1000154-16-2	55
3	9-Borabicyclo[3.3.1]nonane, 9-(2...	178	C11H19BO	1000162-57-7	30
4	3,5-Octadien-2-one	124	C8H12O	038284-27-4	30
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	25





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ClientSampleId : MW-22

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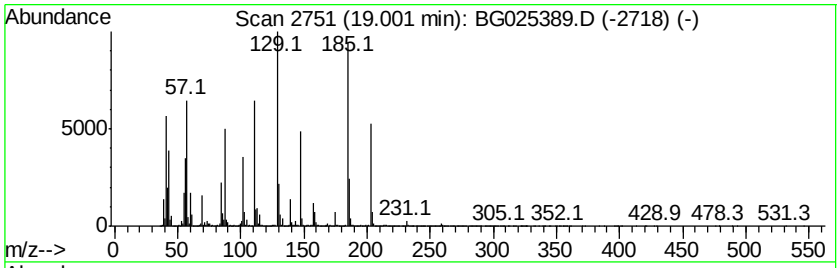
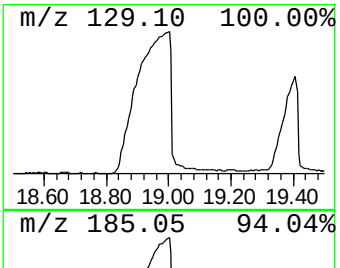
Peak Number 17 unknown19.00 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.00	970.98 ng	155071000	Phenanthrene-d10	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, butyl 2-hexyl ester	286	C16H30O4	1000353-71-0	38
2	Dibutyl adipate	258	C14H26O4	000105-99-7	38
3	Adipic acid, butyl pent-4-en-2-y...	270	C15H26O4	1000354-11-9	37
4	Adipic acid, butyl cycloheptyl e...	298	C17H30O4	1000324-71-6	32
5	Adipic acid, butyl 3-hexyl ester	286	C16H30O4	1000353-62-3	32





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Instrument : BNA_G
ClientSampleId : MW-22

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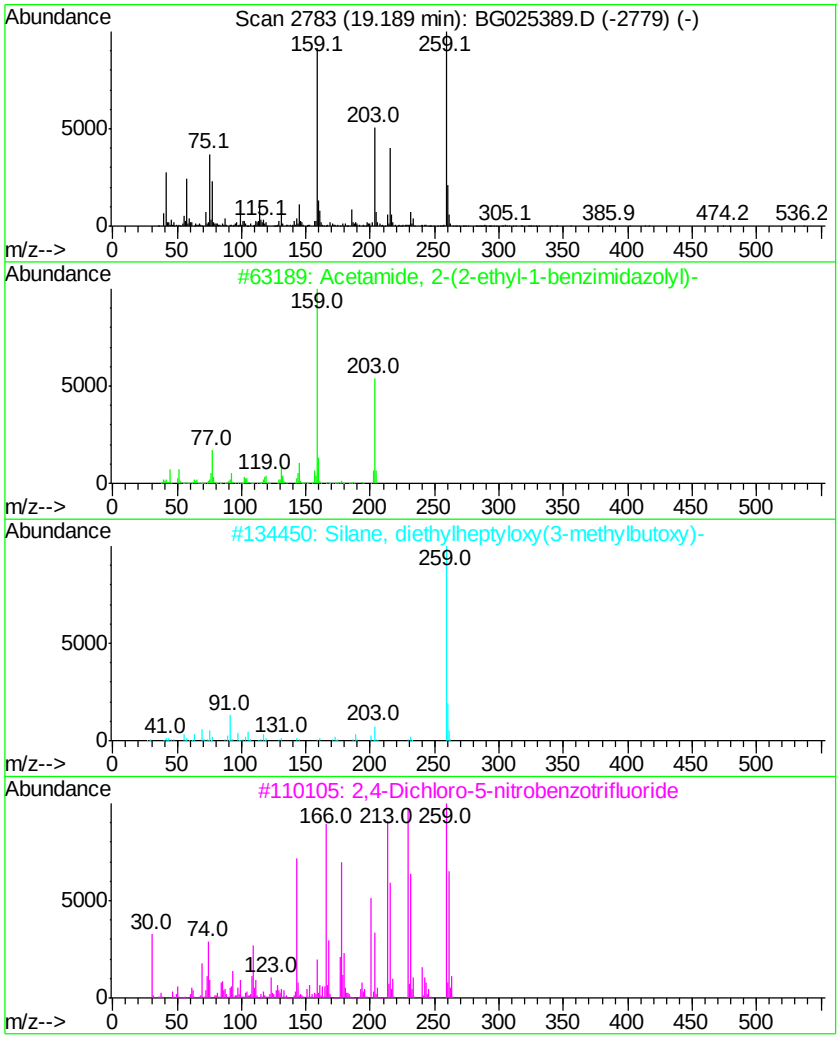
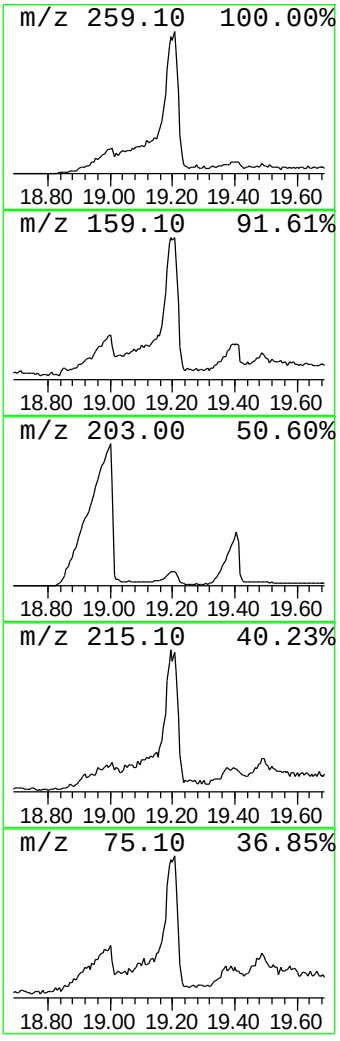
Peak Number 18 unknown19.19 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.19	23.15 ng	3696660	Phenanthrene-d10	17.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, 2-(2-ethyl-1-benzimid...	203	C11H13N3O	054980-94-8	38
2	Silane, diethylheptyloxy(3-methy...	288	C16H36O2Si	1000362-99-7	27
3	2,4-Dichloro-5-nitrobenzotrifluo...	259	C7H2Cl2F3NO2	000400-70-4	27
4	2,4-Dimethyl-indeno[1,2-g]quinol...	259	C18H13NO	1000297-34-2	22
5	2,6 Di-p-tolylpyridine	259	C19H17N	014435-88-2	22





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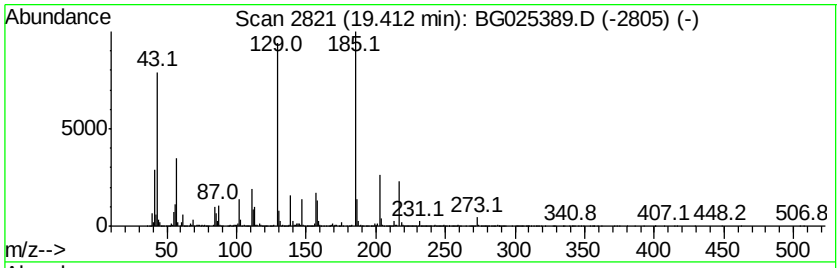
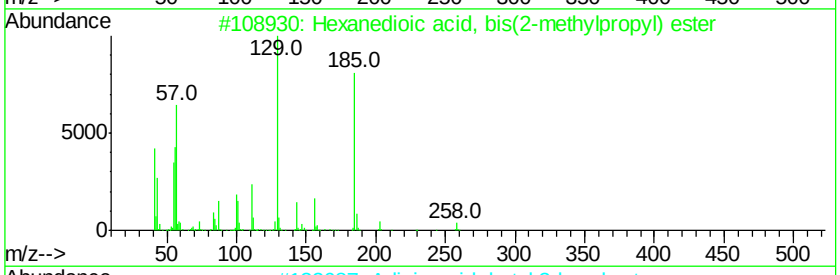
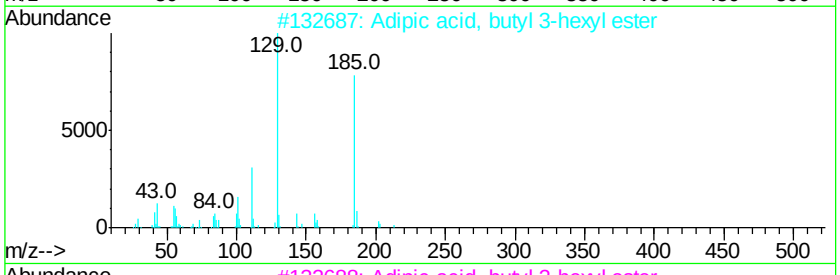
Peak Number 19 Hexanedioic acid, bis(2-met... Concentration Rank 2

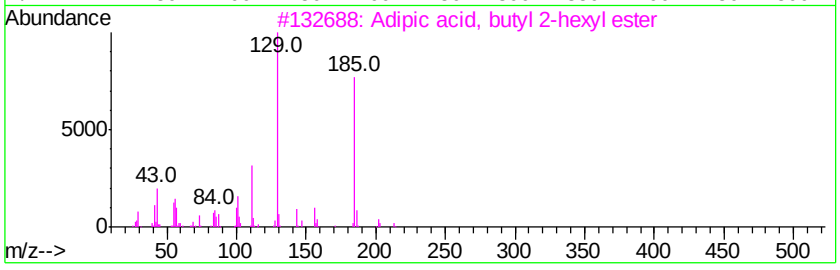
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.41	270.92 ng	43266600	Phenanthrene-d10	17.59

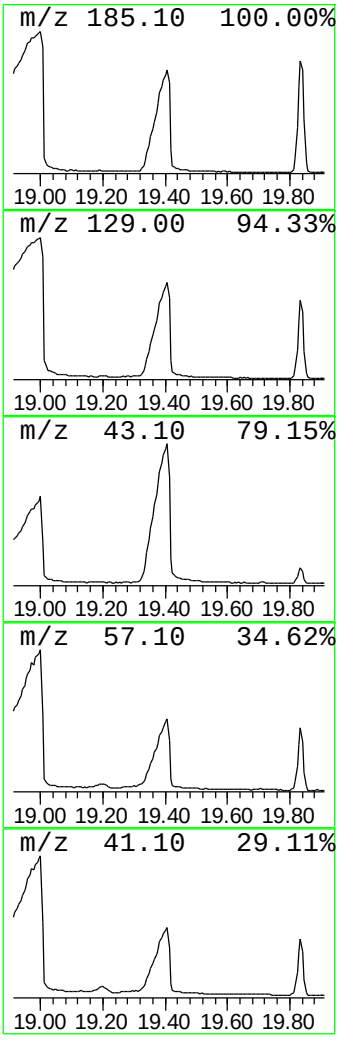
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-methylpr...	258	C14H26O4	000141-04-8	50
2	Adipic acid, butyl 3-hexyl ester	286	C16H30O4	1000353-62-3	50
3	Adipic acid, butyl 2-hexyl ester	286	C16H30O4	1000353-71-0	47
4	Butyl citrate	360	C18H32O7	000077-94-1	42
5	Adipic acid, butyl 2-decyl ester	342	C20H38O4	1000353-59-7	42











Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

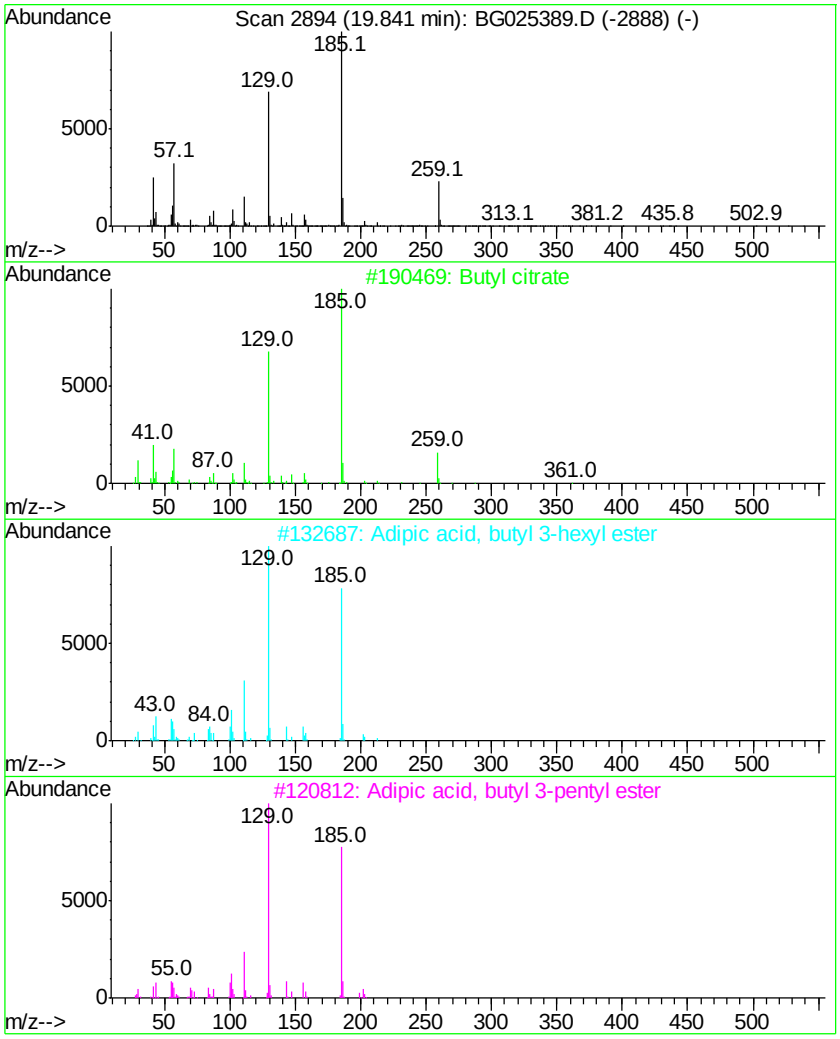
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

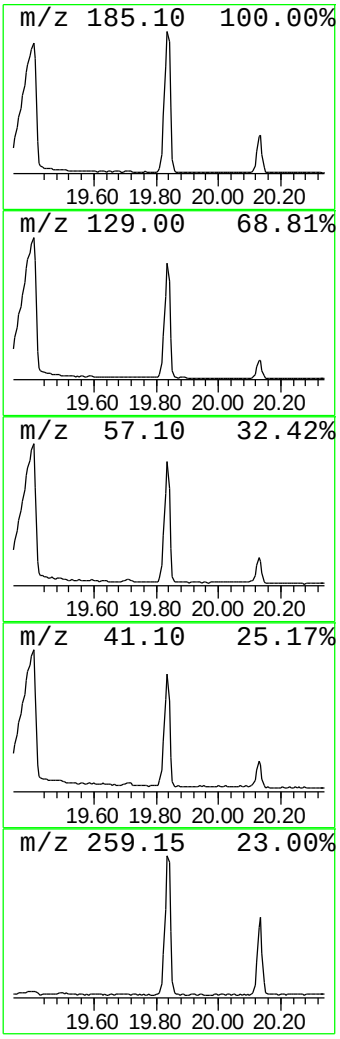
****

Peak Number 20 Butyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.84	45.39 ng	11578400	Chrysene-d12	21.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl citrate	360	C18H32O7	000077-94-1	91
2	Adipic acid, butyl 3-hexyl ester	286	C16H30O4	1000353-62-3	64
3	Adipic acid, butyl 3-pentyl ester	272	C15H28O4	1000324-60-5	50
4	Adipic acid, 3-hexyl isobutyl ester	286	C16H30O4	1000353-62-2	50
5	Adipic acid, isobutyl 2-methylpe...	286	C16H30O4	1000353-55-7	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122216\
Data File : BG025389.D
Acq On : 22 Dec 2016 14:47
Operator : UM/SJ
Sample : H6166-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-22

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.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
unknown8.99	8.99	24.3	ng	2104250	1	8.21	1731640	20.0
unknown10.89	10.89	44.7	ng	4131070	2	11.04	1849110	20.0
unknown11.35	11.35	52.2	ng	4824200	2	11.04	1849110	20.0
1,3-Dimethyl-1-cy...	11.56	24.4	ng	2251410	2	11.04	1849110	20.0
unknown12.05	12.05	27.9	ng	2581710	2	11.04	1849110	20.0
unknown12.36	12.36	27.9	ng	2577340	2	11.04	1849110	20.0
unknown12.61	12.61	44.6	ng	4125910	2	11.04	1849110	20.0
Cyclopropane, 2-(...	12.71	35.9	ng	3317580	2	11.04	1849110	20.0
2,4-Hexadiene, 2,...	12.83	44.6	ng	4126110	2	11.04	1849110	20.0
Citronellal	12.87	32.0	ng	2954890	2	11.04	1849110	20.0
unknown13.33	13.33	32.5	ng	3040920	3	14.84	1872200	20.0
unknown14.18	14.18	25.9	ng	2420700	3	14.84	1872200	20.0
Benzene, 1,4-bis(...	14.54	24.2	ng	2263270	3	14.84	1872200	20.0
unknown15.38	15.38	27.1	ng	2532110	3	14.84	1872200	20.0
unknown15.48	15.48	30.1	ng	2821770	3	14.84	1872200	20.0
3,4-Octadiene, 7-...	15.70	37.2	ng	3479800	3	14.84	1872200	20.0
unknown19.00	19.00	971.0	ng	155071000	4	17.59	3194120	20.0
unknown19.19	19.19	23.1	ng	3696660	4	17.59	3194120	20.0
Hexanedioic acid,...	19.41	270.9	ng	43266600	4	17.59	3194120	20.0
Butyl citrate	19.84	45.4	ng	11578400	5	21.88	5101540	20.0