LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

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-BG102516.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	3.598	121	129	145	rBV	3532789	6588782	72.46%	11.792%
2	5.331	417	424	432	rBV	231682	389342	4.28%	0.697%
3	5.795	495	503	514	rBV	1249182	2128830	23.41%	3.810%
4	7.405	768	777	787	rBV	918192	1762733	19.39%	3.155%
5	7.793	836	843	854	rVB	1795178	3227811	35.50%	5.777%
6	8.263	914	923	927	rBV	373968	683167	7.51%	1.223%
7	8.298	927	929	936	rVB2	181071	256504	2.82%	0.459%
8	8.592	970	979	987	rBV	1543209	2760277	30.36%	4.940%
9	8.833	1008	1020	1030	rBV2	189612	479299	5.27%	0.858%
10	9.438	1115	1123	1131	rVB	1346919	2462273	27.08%	4.407%
11	10.390	1274	1285	1298	rBV3	343863	924925	10.17%	1.655%
12	10.778	1341	1351	1358	rBV8	66900	229404	2.52%	0.411%
13	11.031	1388	1394	1399	rBV3	70653	156028	1.72%	0.279%
14	11.095	1399	1405	1411	rVB	446204	805692	8.86%	1.442%
15	11.260	1430	1433	1439	rVB3	61319	111420	1.23%	0.199%
16	11.847	1527	1533	1541	rBV5	111994	210214	2.31%	0.376%
17	12.394	1620	1626	1633	rVB5	80289	162946	1.79%	0.292%
18	12.969	1712	1724	1727	rBV10	68316	191316	2.10%	0.342%
19	13.146	1745	1754	1762	rBV2	348633	668481	7.35%	1.196%
20	13.240	1765	1770	1775	rBV4	127870	209196	2.30%	0.374%
21	13.293	1775	1779	1784	rBV5	75713	167851	1.85%	0.300%
22	13.387	1790	1795	1797	rBV3	74929	127794	1.41%	0.229%
23	13.445	1801	1805	1809	rVV5	128536	263284	2.90%	0.471%
24	13.504	1809	1815	1826	rVB	3173448	5379064	59.16%	9.627%
25	13.839	1867	1872	1876	rVV6	56896	110429	1.21%	0.198%
26	14.256	1936	1943	1948	rBV6	104218	247850	2.73%	0.444%
27	14.315	1948	1953	1959	rVV	334326	668784	7.35%	1.197%
28	14.380	1961	1964	1975	rVV8	193739	452968	4.98%	0.811%
29	14.491	1979	1983	1990	rVV7	117566	298362	3.28%	0.534%
30	14.579	1993	1998	2007	rVV6	86331	240429	2.64%	0.430%
31	14.879	2044	2049	2058	rVB	777203	1213618	13.35%	2.172%
32	15.678	2180	2185	2189	rVB	73150	104907	1.15%	0.188%
33	16.365	2295	2302	2315	rBV	3309611	5244039	57.67%	9.386%
34	16.536	2326	2331	2338	rBV2	97987	167575	1.84%	0.300%

LSC Area Percent Report

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Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

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-BG102516.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.194	2438	2443	2449	rVB2	75733	108777	1.20%	0.195%
36	17.623	2509	2516	2527	rVB	1092799	1724145	18.96%	3.086%
37	18.463	2655	2659	2666	rBV5	147014	239608	2.64%	0.429%
38	19.662	2859	2863	2867	rBV3	67065	94273	1.04%	0.169%
39	19.991	2915	2919	2923	rBV	105556	134560	1.48%	0.241%
40	20.202	2949	2955	2961	rBV	6518947	9093080	100.00%	16.274%
41	21.495	3170	3175	3184	rBV7	160113	326022	3.59%	0.584%
42	21.918	3240	3247	3254	rBV	1379901	2383633	26.21%	4.266%
43	23.428	3499	3504	3511	rBV5	109233	208809	2.30%	0.374%
44	25.349	3821	3831	3847	rVB3	753466	2464752	27.11%	4.411%

Sum of corrected areas: 55873253

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
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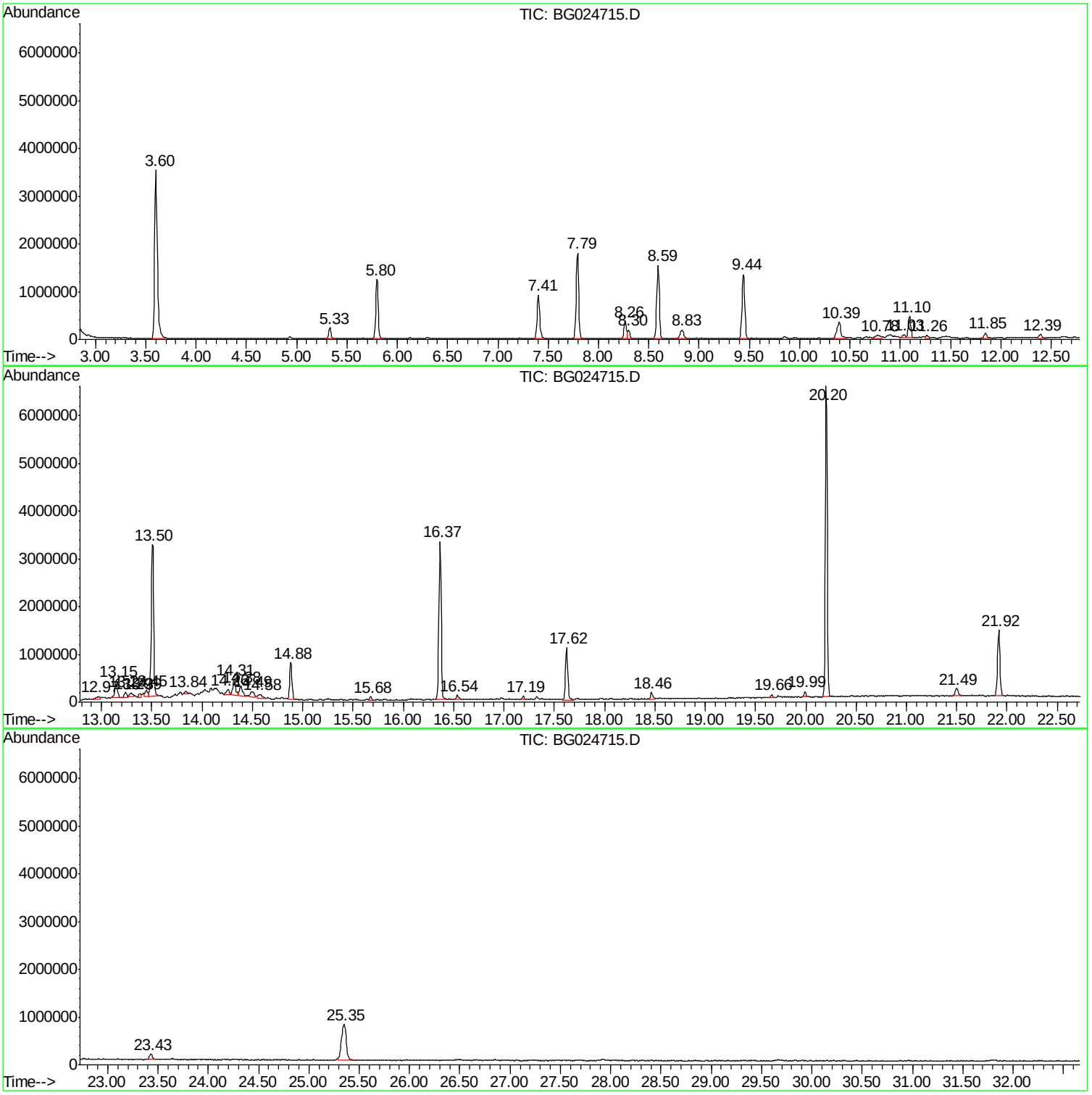
Instrument :
BNA_G
ClientSampleId :
GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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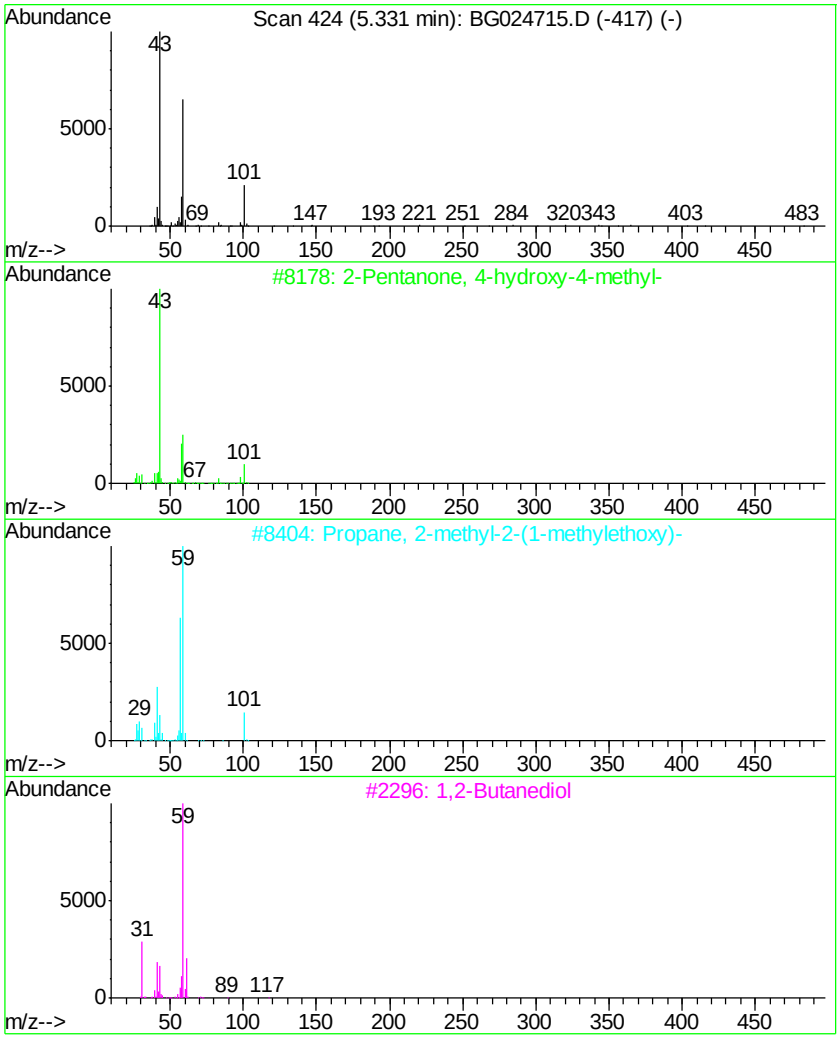
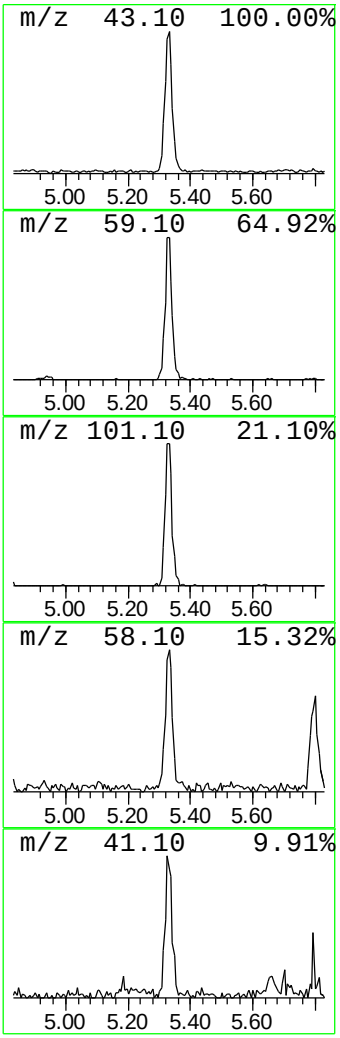
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	11.40 ng	389342	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	47
3	1,2-Butanediol	90	C4H10O2	000584-03-2	32
4	Tetraglyme	222	C10H22O5	000143-24-8	25
5	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23





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Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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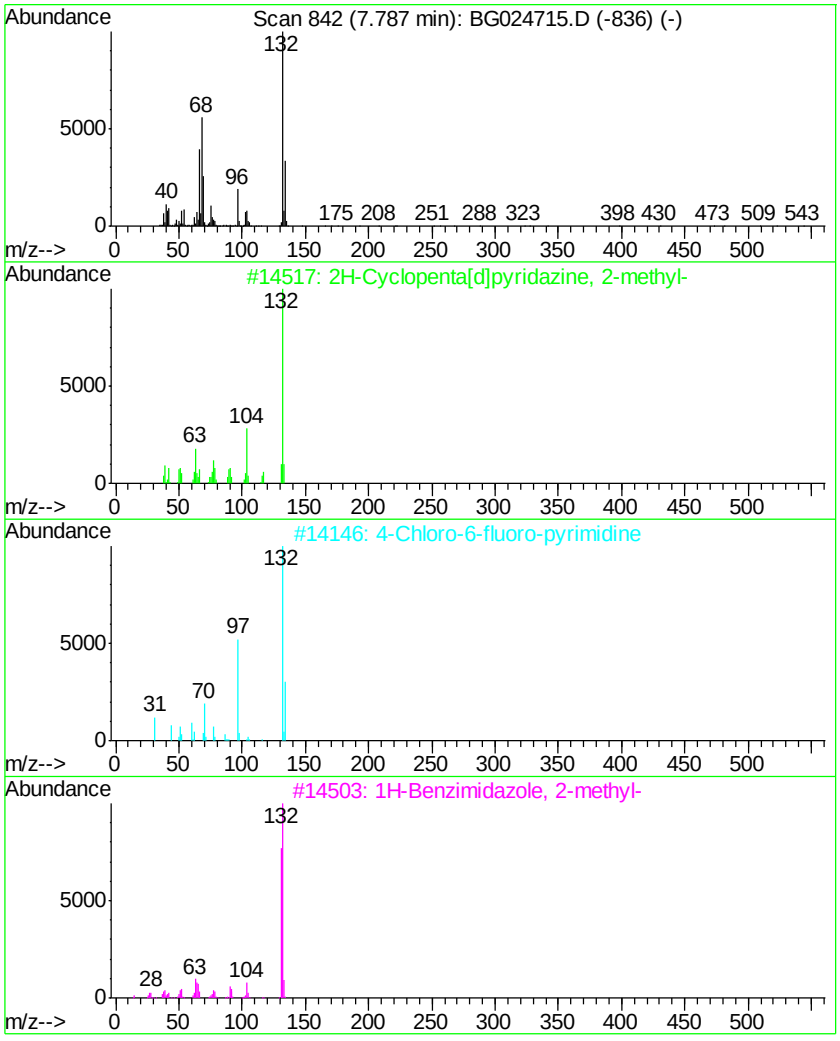
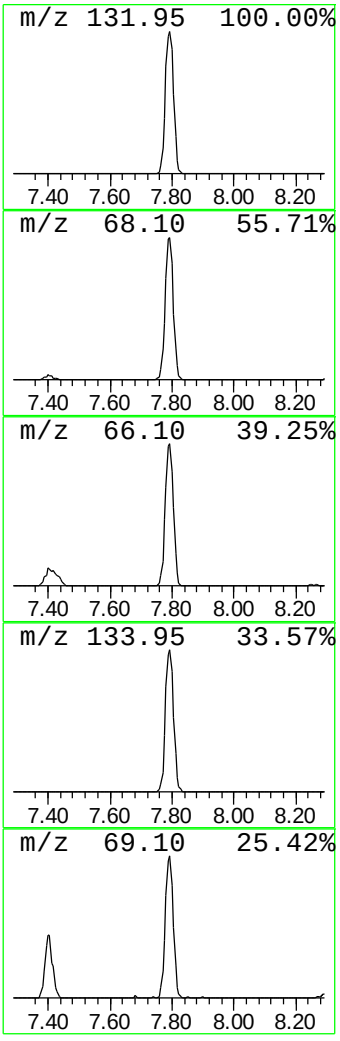
Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	94.50 ng	3227810	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	18
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
4	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	11
5	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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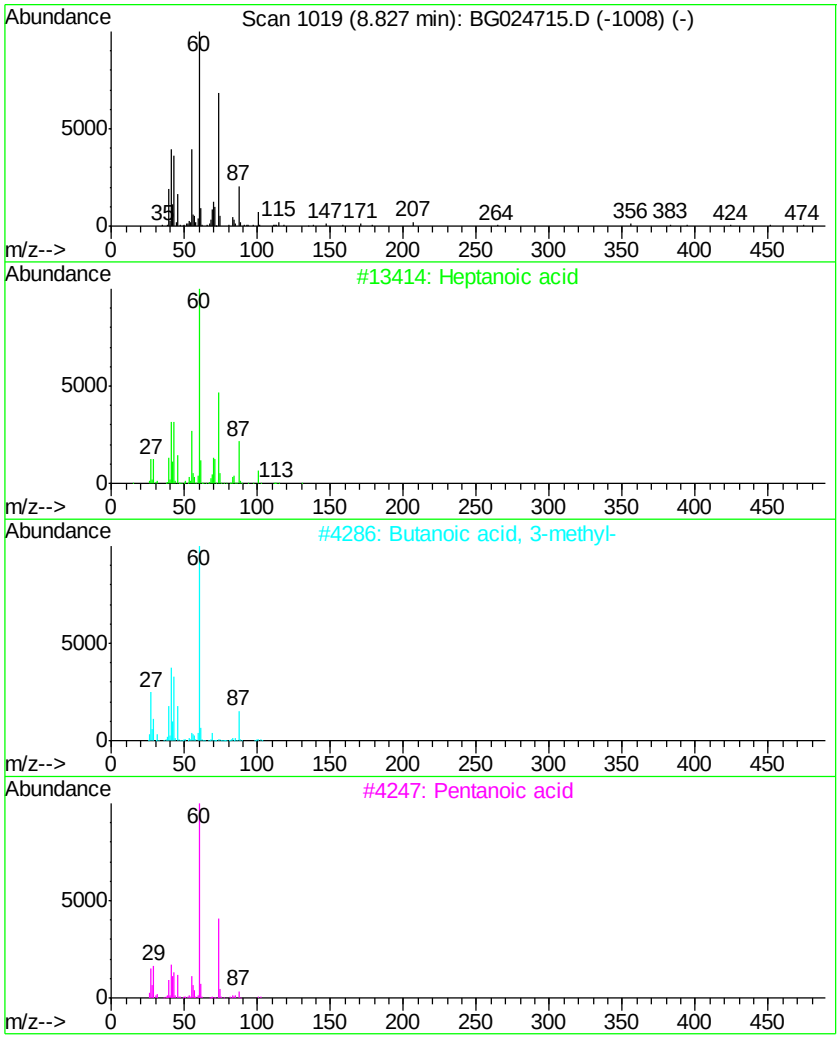
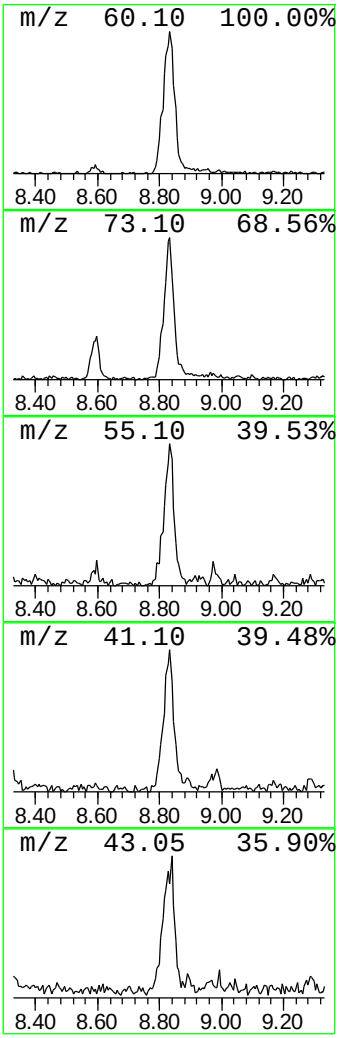
Peak Number 5 Heptanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	14.03 ng	479299	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptanoic acid	130	C7H14O2	000111-14-8	80
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Pentanoic acid	102	C5H10O2	000109-52-4	64
4	Nonanoic acid	158	C9H18O2	000112-05-0	59
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50





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Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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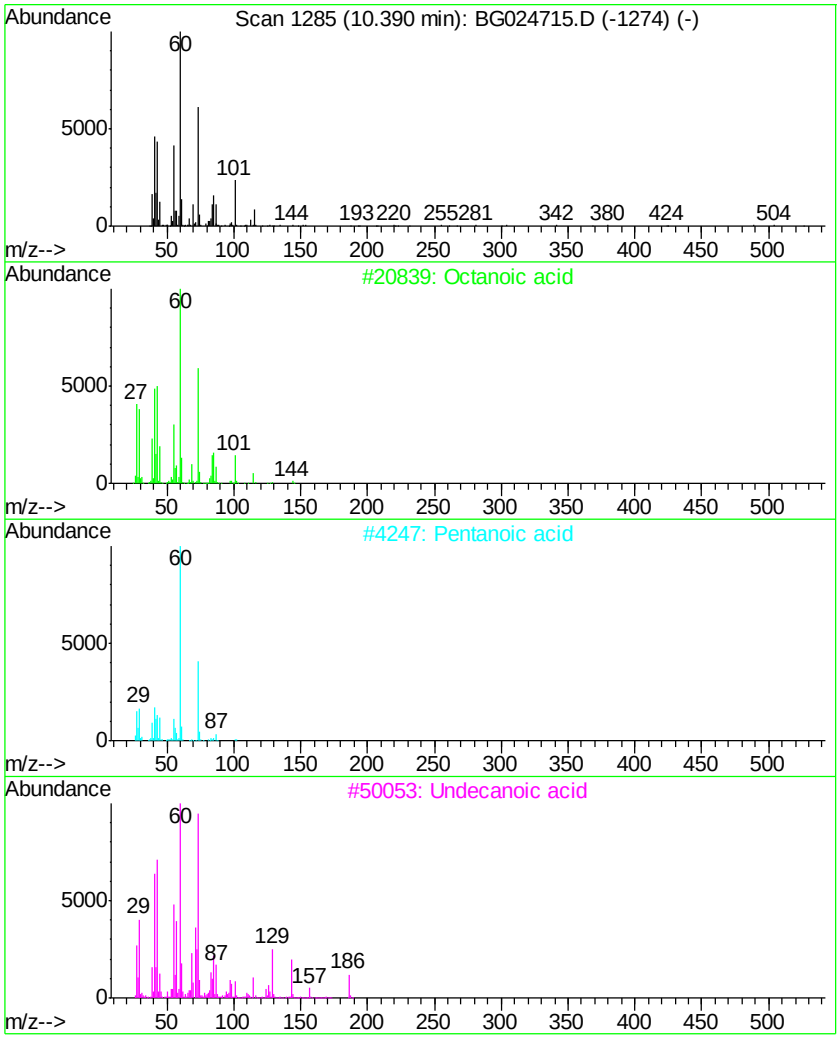
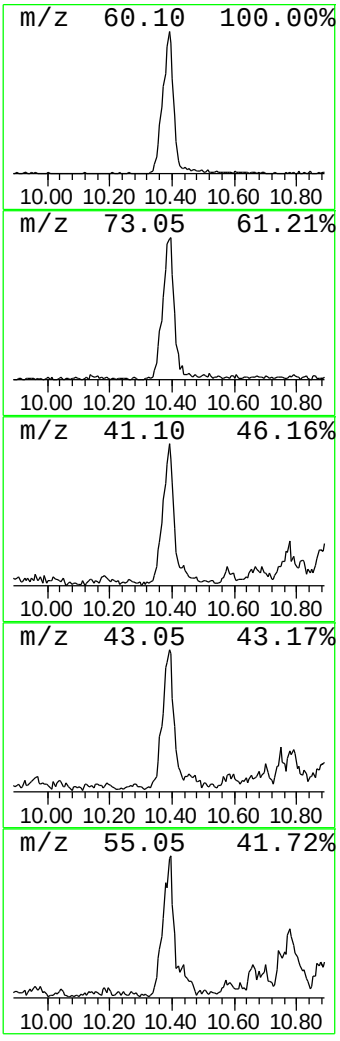
Peak Number 6 Octanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.39	22.96 ng	924925	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid	144	C8H16O2	000124-07-2	56
2	Pentanoic acid	102	C5H10O2	000109-52-4	53
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	50
5	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	47





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Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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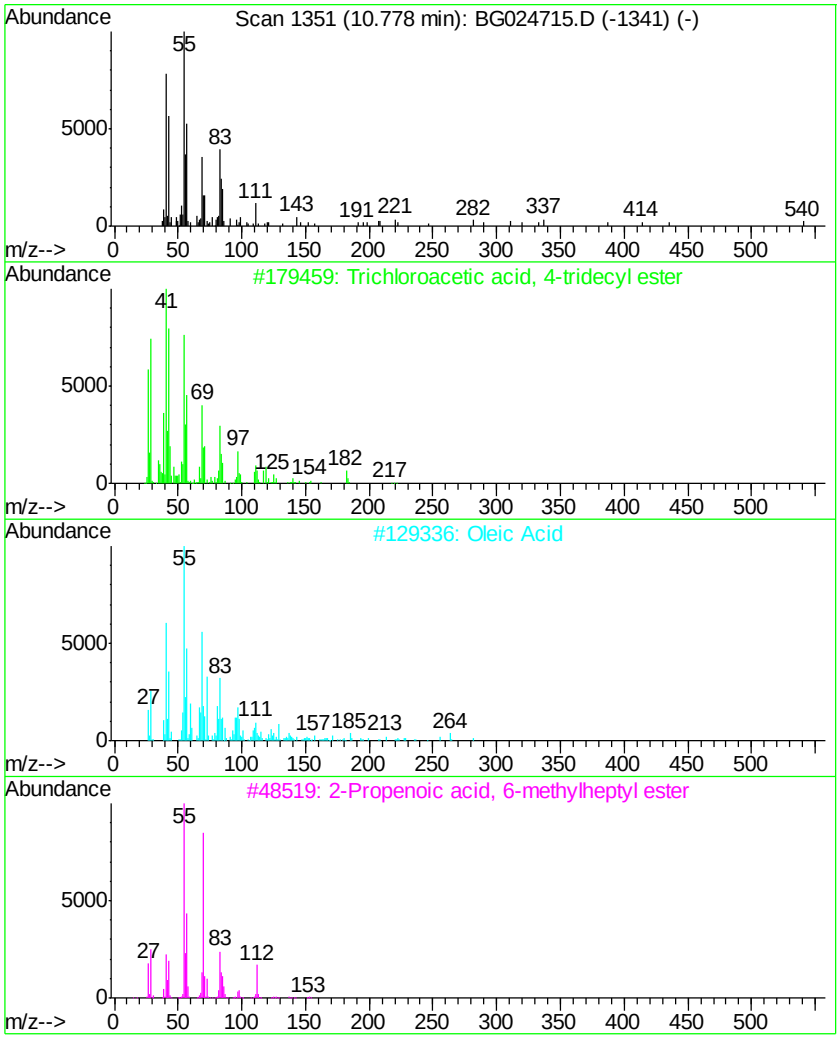
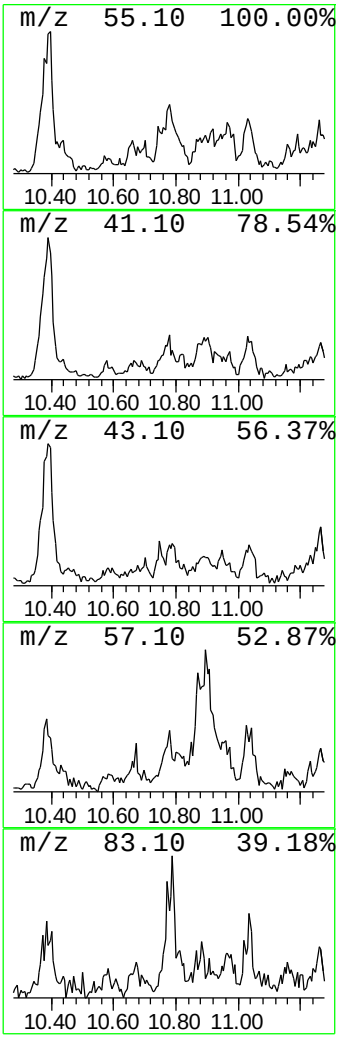
Peak Number 7 Trichloroacetic acid, 4-tri... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	5.69 ng	229404	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, 4-tridecyl...	344	C15H27Cl3O2	1000282-06-5	64
2	Oleic Acid	282	C18H34O2	000112-80-1	53
3	2-Propenoic acid, 6-methylheptyl...	184	C11H20O2	054774-91-3	42
4	4-Tetradecene, (Z)-	196	C14H28	041446-65-5	42
5	2-Ethylhexyl acrylate	184	C11H20O2	000103-11-7	42





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Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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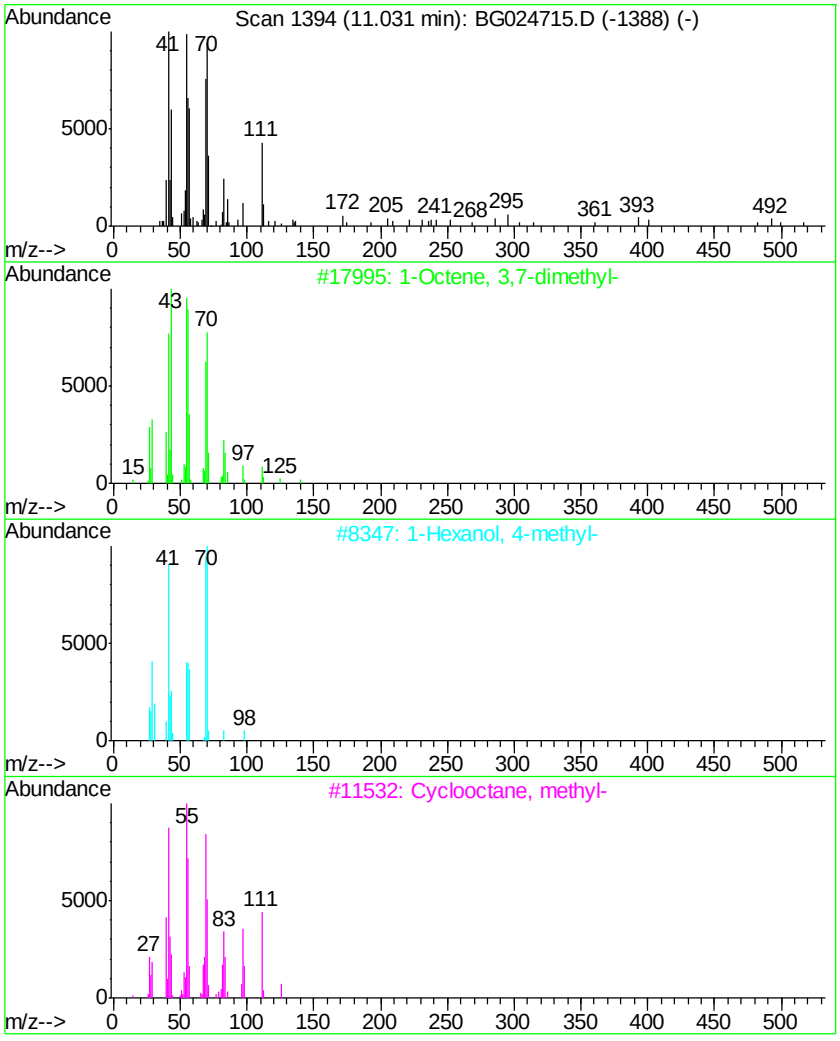
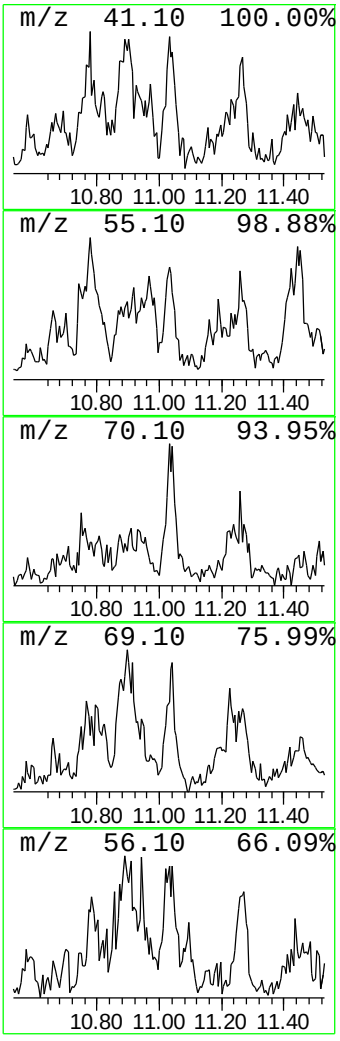
Peak Number 8 1-Octene, 3,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	3.87 ng	156028	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octene, 3,7-dimethyl-	140	C10H20	004984-01-4	64
2	1-Hexanol, 4-methyl-	116	C7H16O	000818-49-5	59
3	Cyclooctane, methyl-	126	C9H18	001502-38-1	53
4	6-Methyl-2-heptanol, trifluoroac...	226	C10H17F3O2	1000365-05-8	47
5	1-Nonene	126	C9H18	000124-11-8	47





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Sample : H5527-06
Misc :
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Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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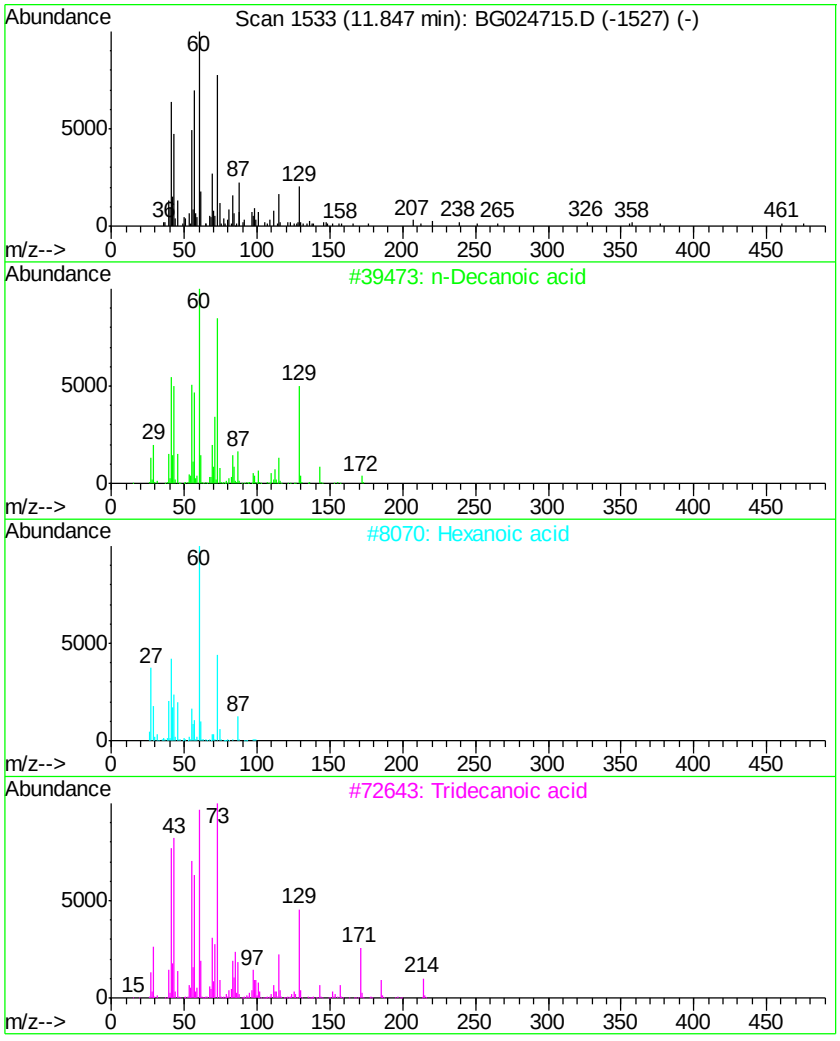
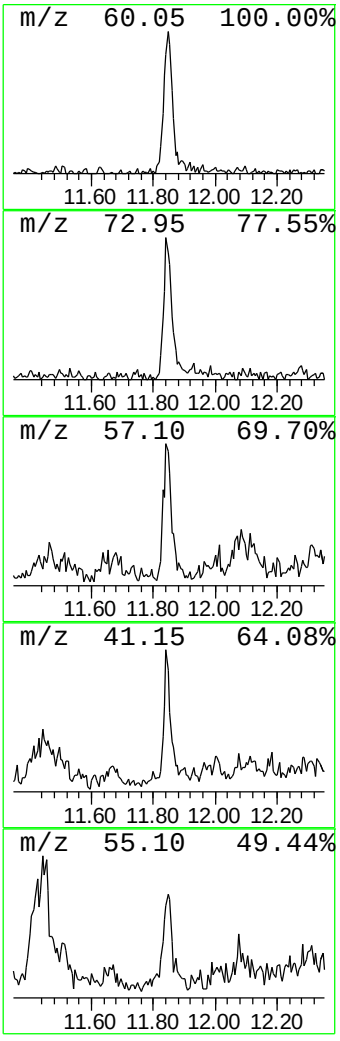
Peak Number 9 n-Decanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.22 ng	210214	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	64
2	Hexanoic acid	116	C6H12O2	000142-62-1	59
3	Tridecanoic acid	214	C13H26O2	000638-53-9	56
4	Dodecanoic acid	200	C12H24O2	000143-07-7	53
5	Octanoic acid, silver(1+) salt	250	C8H15AgO2	024927-67-1	50





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Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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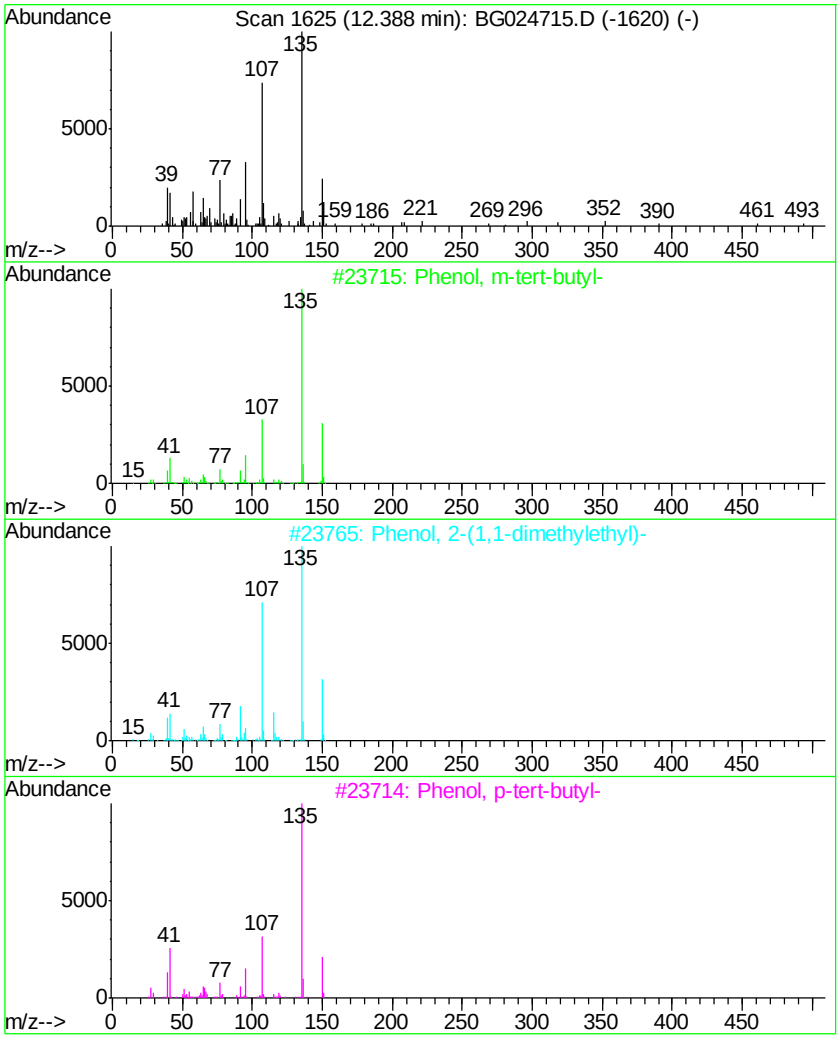
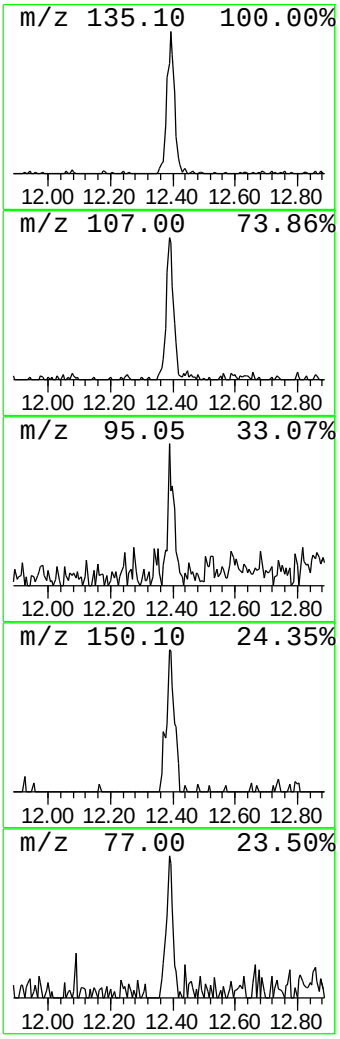
Peak Number 10 Phenol, m-tert-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.39	4.04 ng	162946	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	80
2	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	80
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	76
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
5	Phenol, 2,3,5,6-tetramethyl-	150	C10H14O	000527-35-5	52





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Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

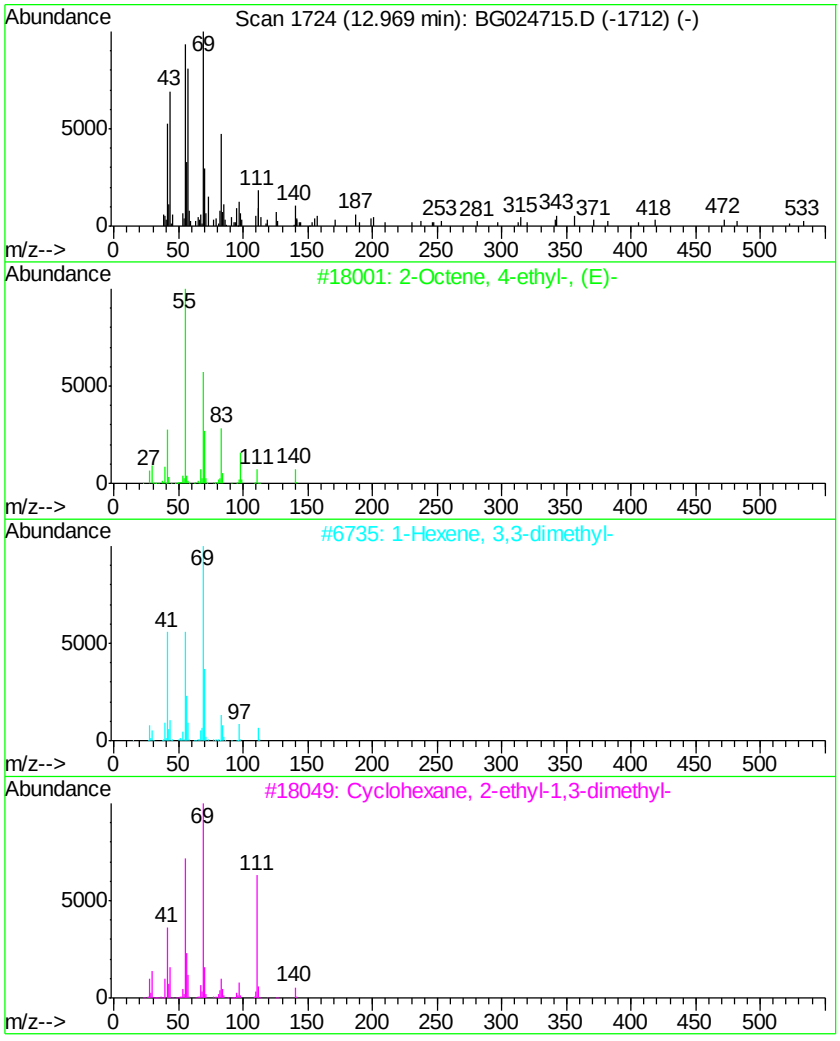
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

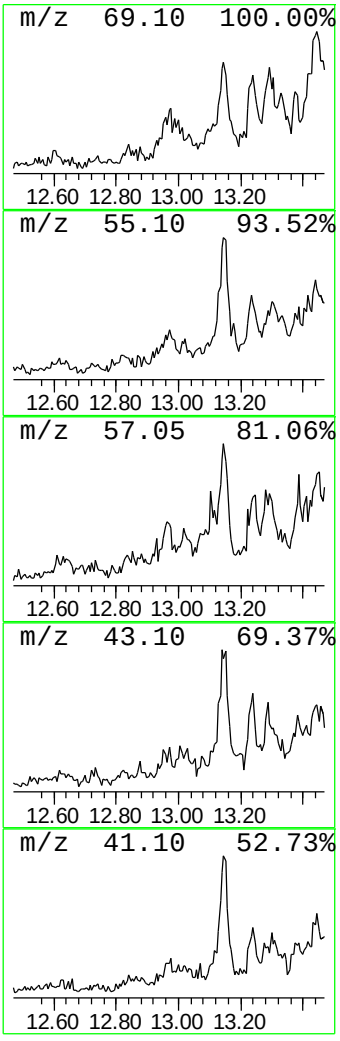
****

Peak Number 11 2-Octene, 4-ethyl-, (E)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.97	4.75 ng	191316	Naphthalene-d8	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 4-ethyl-, (E)-	140	C10H20	074630-09-4	64
2	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
3	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	49
4	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	47
5	trans-3,4-Dimethylcyclopentanone	112	C7H12O	019550-73-3	46





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Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.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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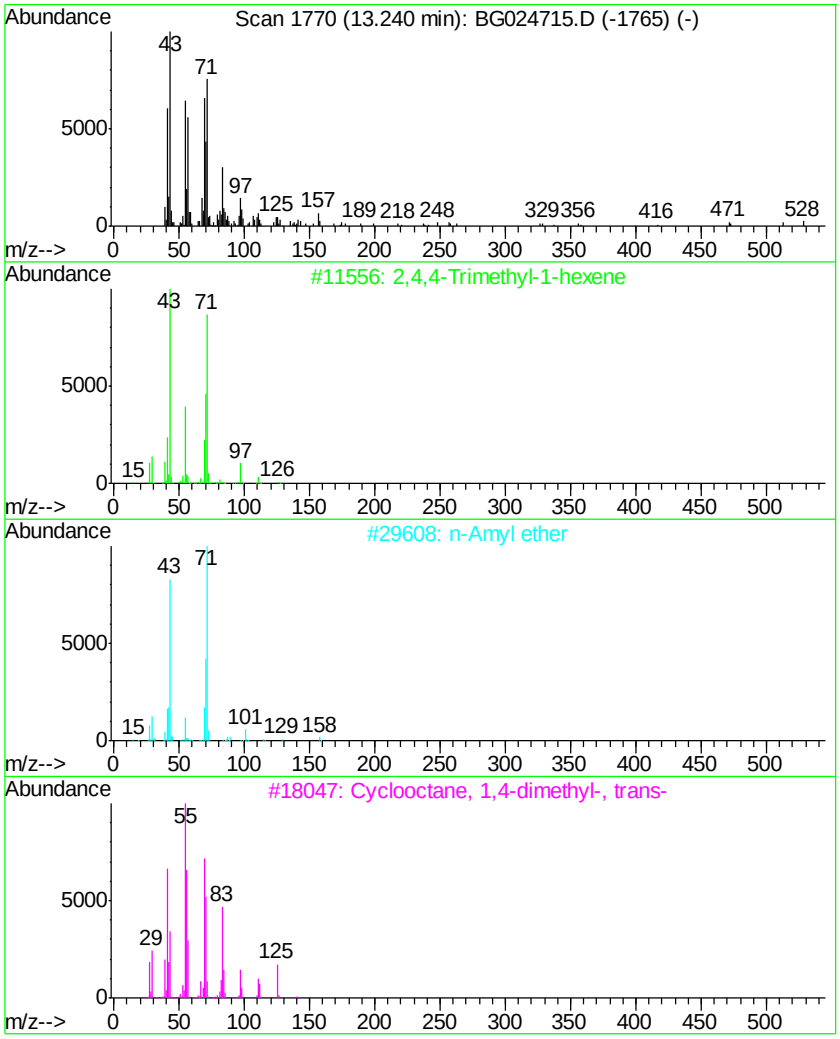
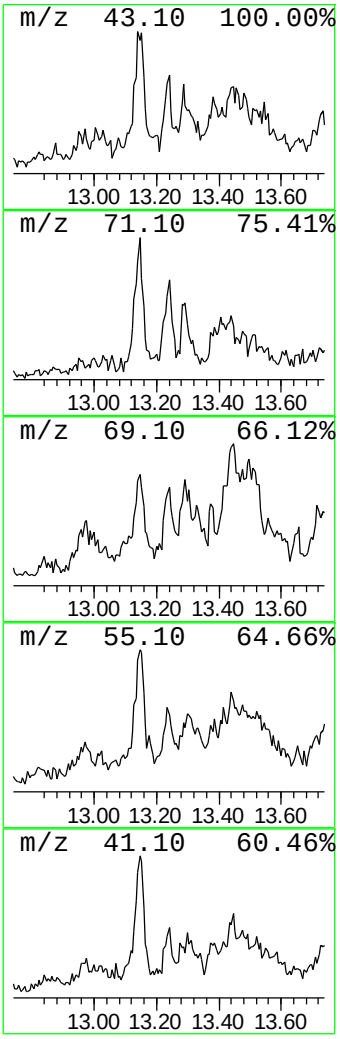
Peak Number 13 2,4,4-Trimethyl-1-hexene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	3.45 ng	209196	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	64
2	n-Amyl ether	158	C10H22O	000693-65-2	53
3	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	41
4	3-Dodecene, (Z)-	168	C12H24	007239-23-8	38
5	6-Dodecene, (E)-	168	C12H24	007206-17-9	38





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Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

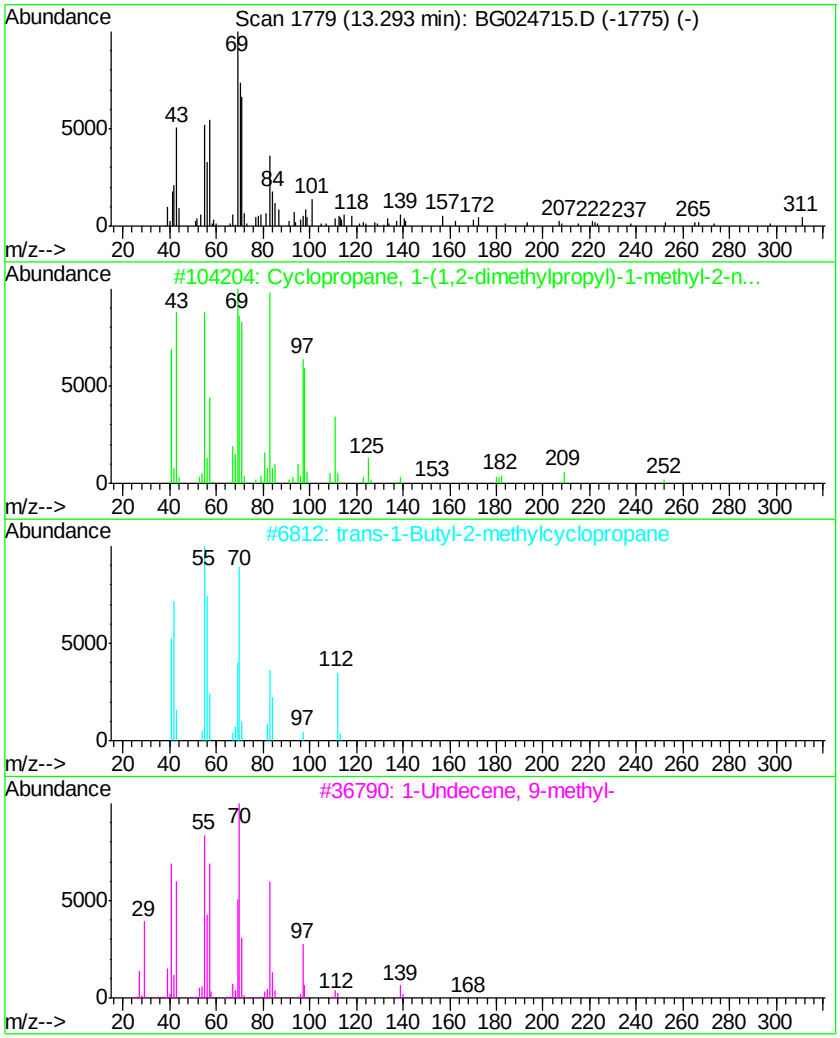
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

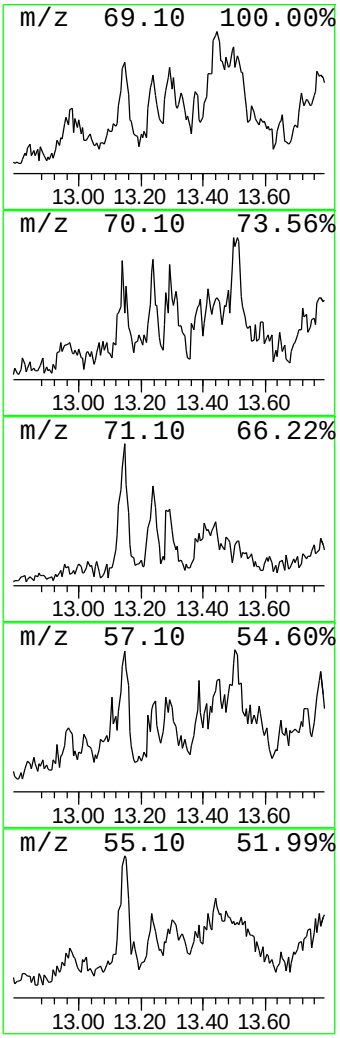
****

Peak Number 14 unknown13.29 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	2.77 ng	167851	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-(1,2-dimethylpro...	252	C18H36	041977-42-8	46
2	trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	35
3	1-Undecene, 9-methyl-	168	C12H24	074630-41-4	35
4	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	35
5	Octane, 2-chloro-	148	C8H17Cl	000628-61-5	35





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Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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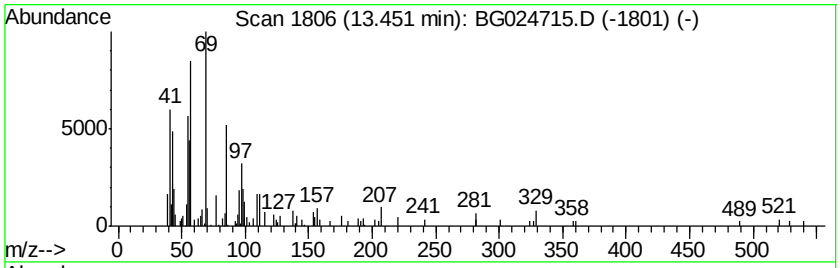
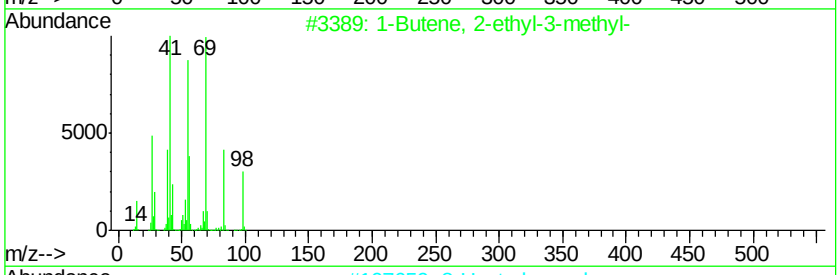
****

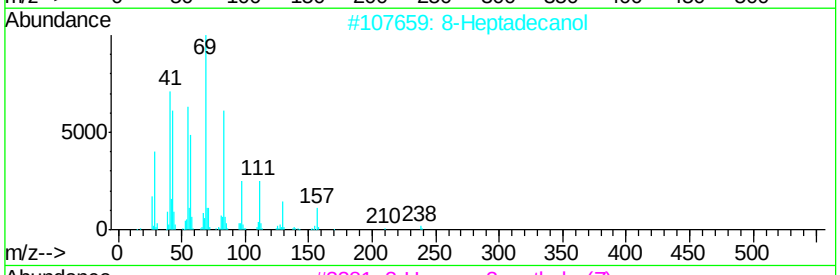
Peak Number 15 1-Butene, 2-ethyl-3-methyl- Concentration Rank 13

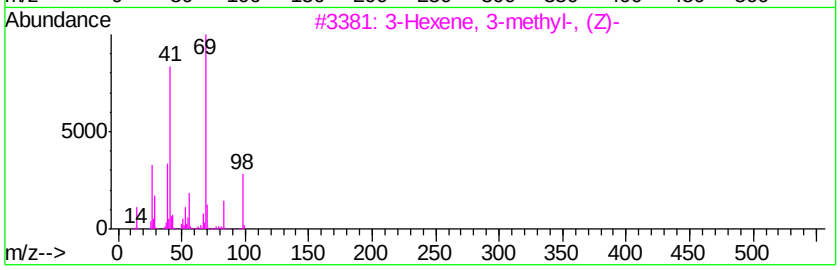
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.34 ng	263284	Acenaphthene-d10	14.88

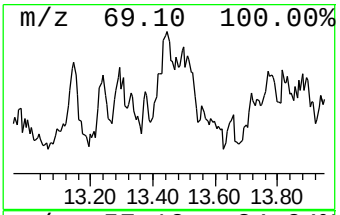
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butene, 2-ethyl-3-methyl-	98	C7H14	007357-93-9	50
2	8-Heptadecanol	256	C17H36O	002541-75-5	47
3	3-Hexene, 3-methyl-, (Z)-	98	C7H14	004914-89-0	43
4	4-Nonanol, 2-methyl-	158	C10H22O	026533-31-3	43
5	3-Hexene, 2-methyl-, (Z)-	98	C7H14	015840-60-5	38

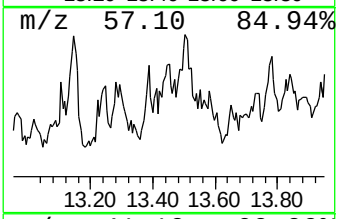


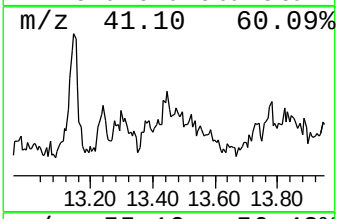


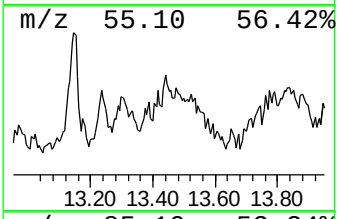


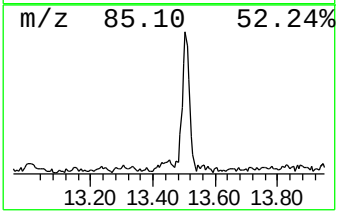












Data Path : Z:\HPCHEM1\BNA G\DATA\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

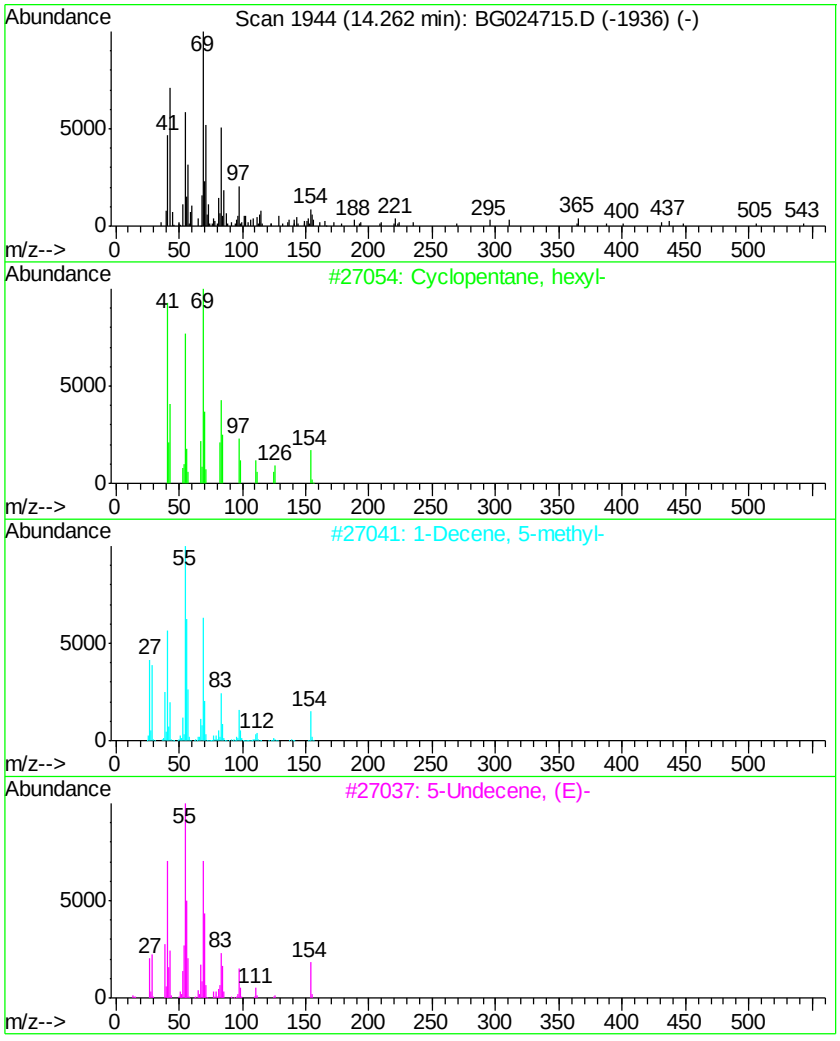
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

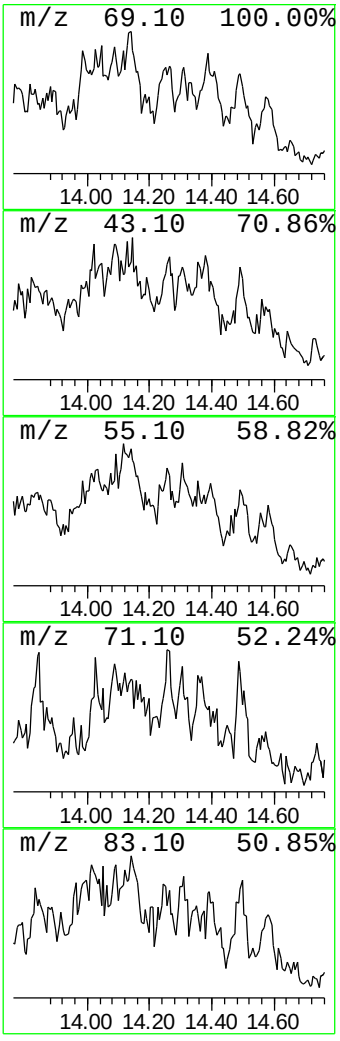
****

Peak Number 16 Cyclopentane, hexyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.26	4.08 ng	247850	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, hexyl-	154	C11H22	004457-00-5	70
2	1-Decene, 5-methyl-	154	C11H22	054244-79-0	58
3	5-Undecene, (E)-	154	C11H22	000764-97-6	49
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	43
5	5-Undecene	154	C11H22	004941-53-1	38





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Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

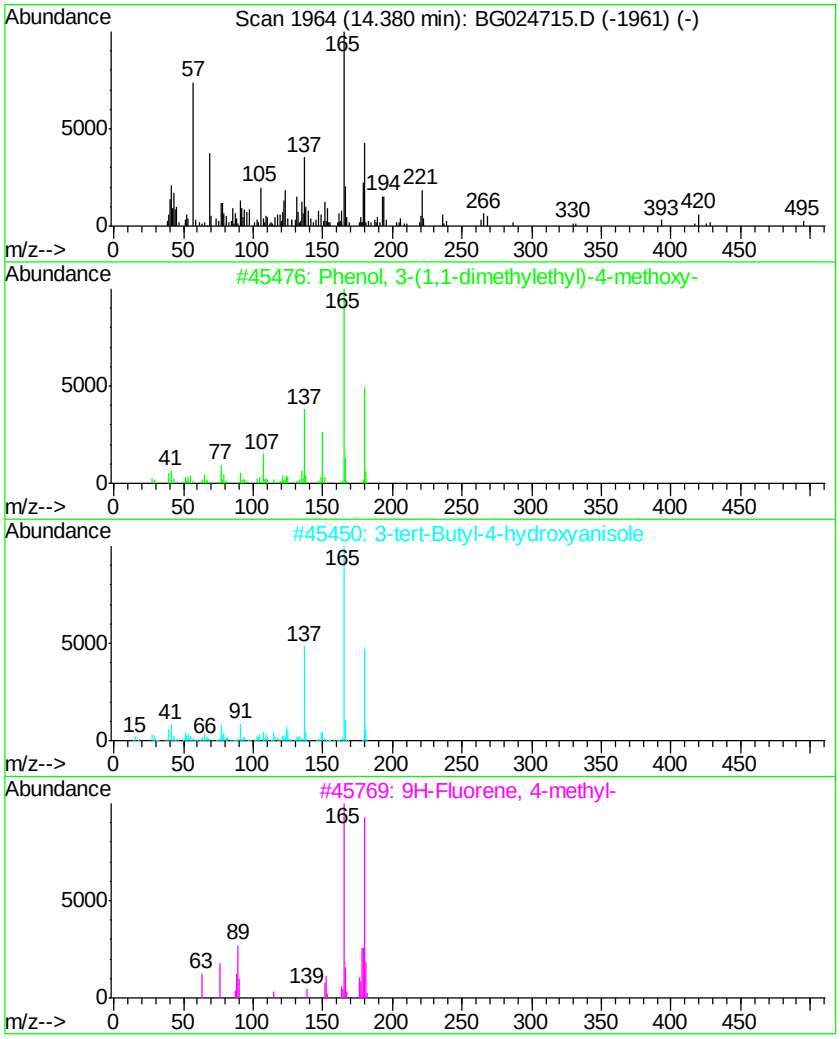
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

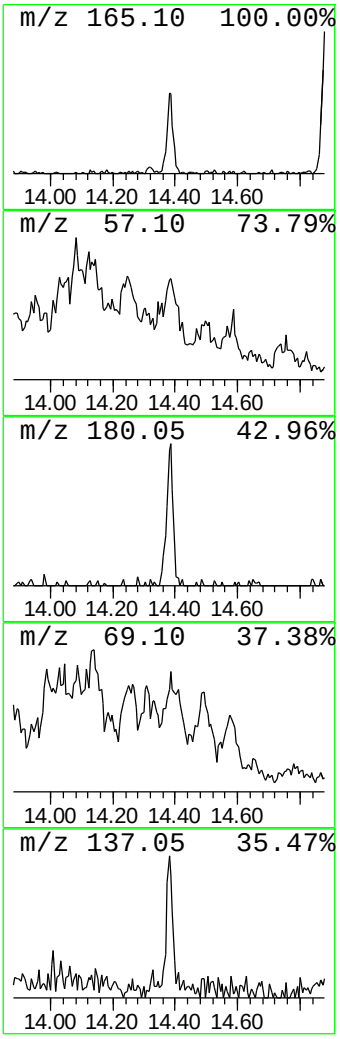
****

Peak Number 17 Phenol, 3-(1,1-dimethylethy... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	7.46 ng	452968	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1,1-dimethylethyl)-4-...	180	C11H16O2	000088-32-4	64
2	3-tert-Butyl-4-hydroxyanisole	180	C11H16O2	000121-00-6	59
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	59
4	Silane, trimethyl(3-methylphenoxy)-	180	C10H16OSi	017902-31-7	58
5	5-tert-Butyl-2-methylbenzenethiol	180	C11H16S	007340-90-1	58





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Sample : H5527-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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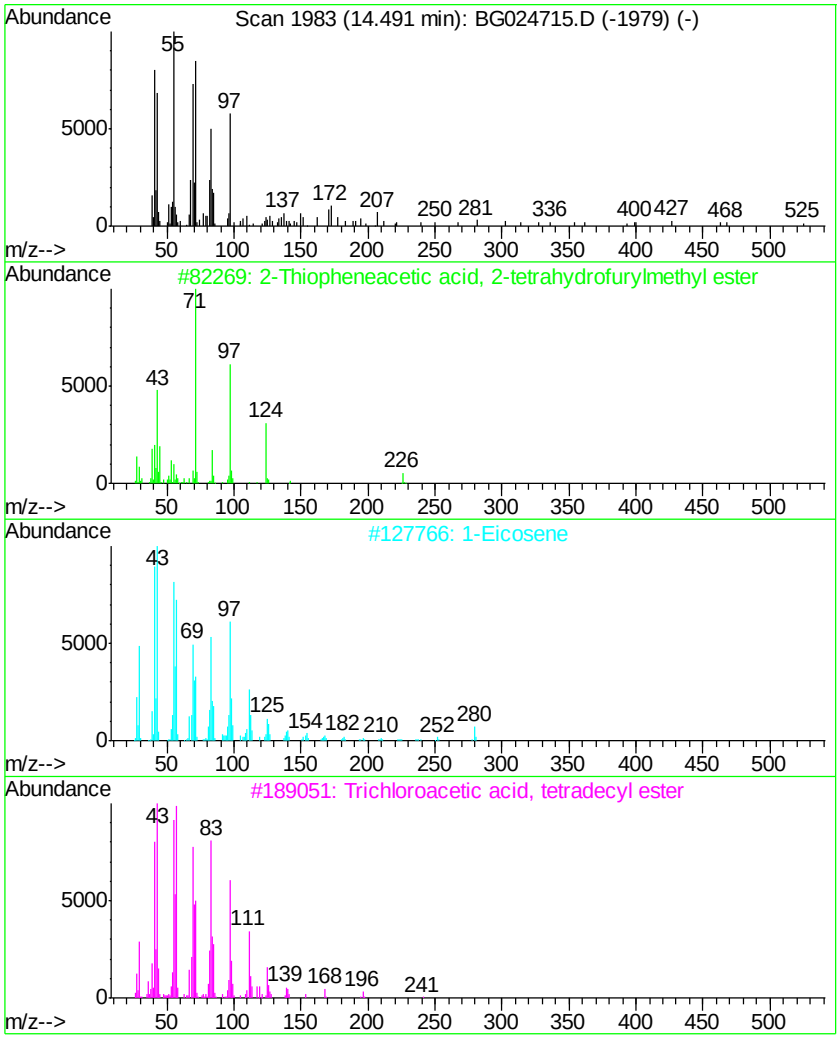
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

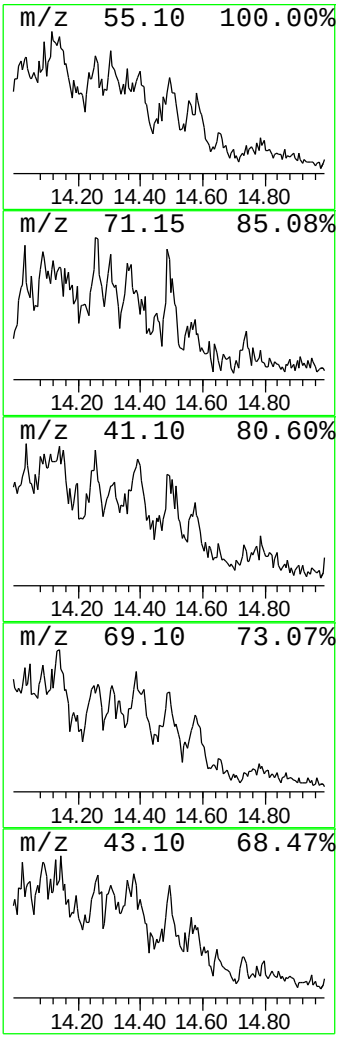
****

Peak Number 18 2-Thiopheneacetic acid, 2-t... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	4.92 ng	298362	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Thiopheneacetic acid, 2-tetrah...	226	C11H14O3S	1000278-98-7	50
2	1-Eicosene	280	C20H40	003452-07-1	47
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	38
4	Fumaric acid, 2-methylallyl tetr...	366	C22H38O4	1000330-55-3	38
5	3-Heptafluorobutyroxytridecane	396	C17H27F7O2	1000245-49-5	32





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Instrument : BNA_G
ClientSampleId : GW-103-12.1-22.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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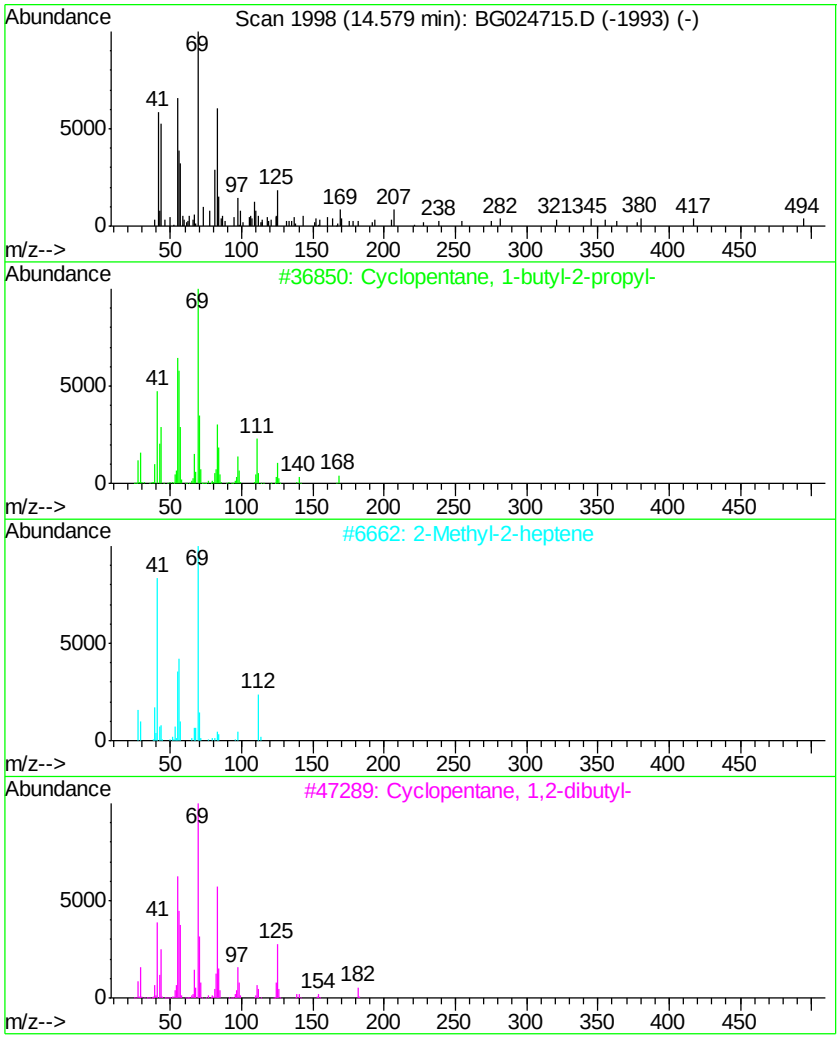
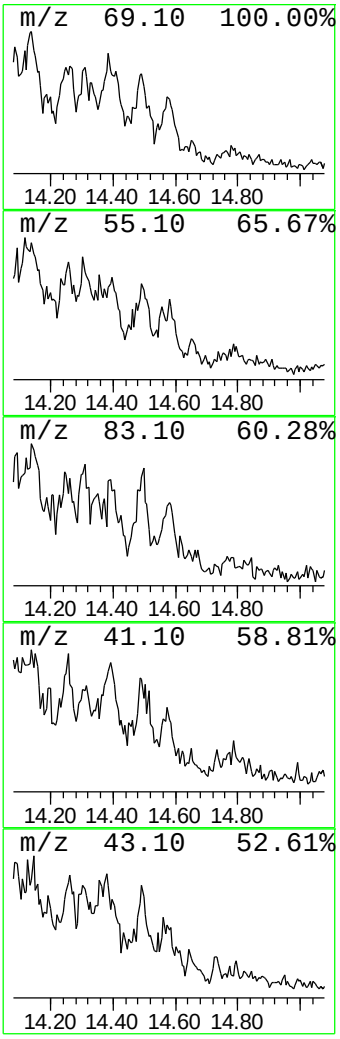
Peak Number 19 Cyclopentane, 1-butyl-2-pro... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	3.96 ng	240429	Acenaphthene-d10	14.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	53
2	2-Methyl-2-heptene	112	C8H16	000627-97-4	52
3	Cyclopentane, 1,2-dibutyl-	182	C13H26	062199-52-4	50
4	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	50
5	1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	47





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Sample : H5527-06
Misc :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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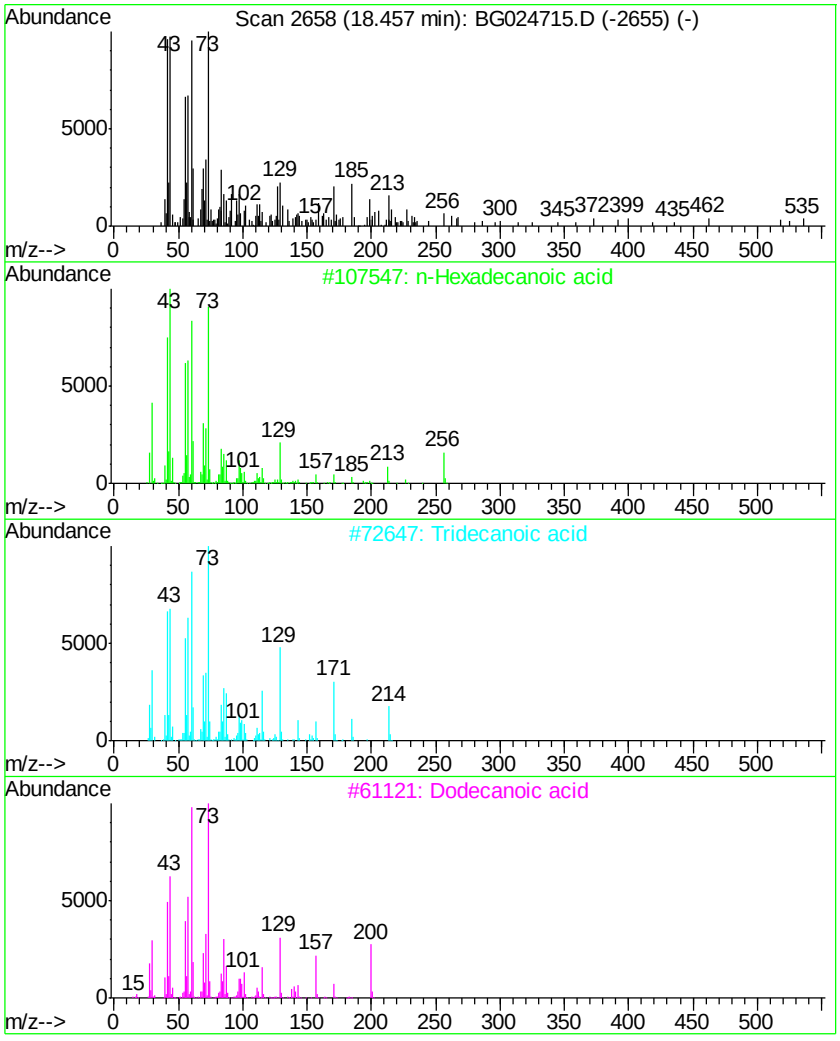
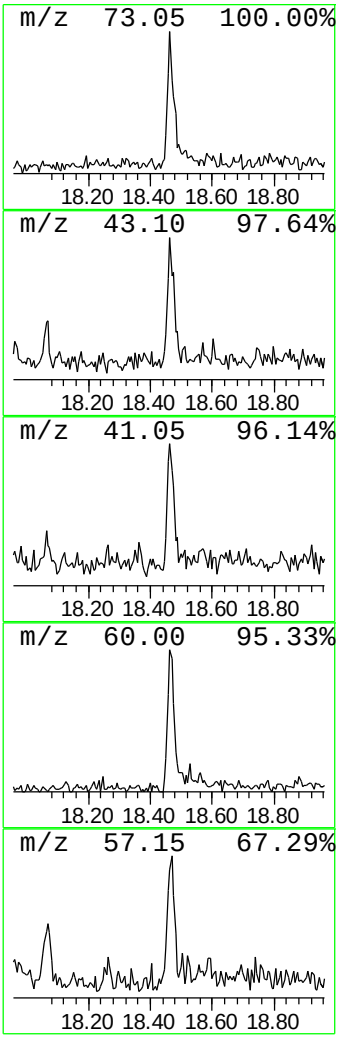
Peak Number 20 n-Hexadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.78 ng	239608	Phenanthrene-d10	17.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	Undecanoic acid	186	C11H22O2	000112-37-8	53
5	1-(p-Toluidino)-1-deoxy-.beta.-d...	269	C13H19NO5	1000226-06-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110416\
Data File : BG024715.D
Acq On : 5 Nov 2016 16:33
Operator : UM/SJ
Sample : H5527-06
Misc :
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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...	5.33	11.4	ng	389342	1	8.26	683167	20.0
unknown7.79	7.79	94.5	ng	3227810	1	8.26	683167	20.0
Heptanoic acid	8.83	14.0	ng	479299	1	8.26	683167	20.0
Octanoic acid	10.39	23.0	ng	924925	2	11.10	805692	20.0
Trichloroacetic a...	10.78	5.7	ng	229404	2	11.10	805692	20.0
1-Octene, 3,7-dim...	11.03	3.9	ng	156028	2	11.10	805692	20.0
n-Decanoic acid	11.85	5.2	ng	210214	2	11.10	805692	20.0
Phenol, m-tert-bu...	12.39	4.0	ng	162946	2	11.10	805692	20.0
2-Octene, 4-ethyl...	12.97	4.8	ng	191316	2	11.10	805692	20.0
2,4,4-Trimethyl-1...	13.24	3.5	ng	209196	3	14.88	1213620	20.0
unknown13.29	13.29	2.8	ng	167851	3	14.88	1213620	20.0
1-Butene, 2-ethyl...	13.45	4.3	ng	263284	3	14.88	1213620	20.0
Cyclopentane, hexyl-	14.26	4.1	ng	247850	3	14.88	1213620	20.0
Phenol, 3-(1,1-di...	14.38	7.5	ng	452968	3	14.88	1213620	20.0
2-Thiopheneacetic...	14.49	4.9	ng	298362	3	14.88	1213620	20.0
Cyclopentane, 1-b...	14.58	4.0	ng	240429	3	14.88	1213620	20.0
n-Hexadecanoic acid	18.46	2.8	ng	239608	4	17.62	1724150	20.0