LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

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-BG072616.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	5.195	396	401	410	rVB	259821	397302	1.63%	0.310%
2	5.671	475	482	492	rVV	2257206	3729538	15.29%	2.907%
3	7.198	722	742	750	rBV2	576050	2235971	9.17%	1.743%
4	7.286	751	757	770	rVB	1648102	2986265	12.24%	2.327%
5	7.662	809	821	830	rBV	3515353	6316901	25.90%	4.923%
6	8.138	894	902	908	rBV	685414	1201140	4.92%	0.936%
7	8.461	950	957	965	rVB	2684133	4737296	19.42%	3.692%
8	9.313	1094	1102	1115	rBV	2549191	4901024	20.09%	3.820%
9	10.159	1237	1246	1257	rBV10	95117	331920	1.36%	0.259%
10	10.970	1377	1384	1397	rVB	953955	1883566	7.72%	1.468%
11	11.322	1439	1444	1452	rVB2	158974	276200	1.13%	0.215%
12	12.274	1600	1606	1611	rBV6	117108	252851	1.04%	0.197%
13	12.767	1682	1690	1698	rBV	963805	1471309	6.03%	1.147%
14	12.990	1722	1728	1734	rBV	177708	302728	1.24%	0.236%
15	13.331	1779	1786	1794	rVV	521711	981948	4.03%	0.765%
16	13.419	1794	1801	1811	rVB	6033333	10075467	41.31%	7.852%
17	13.554	1818	1824	1850	rBV	1075720	3734663	15.31%	2.911%
18	13.778	1855	1862	1874	rVB5	238508	645365	2.65%	0.503%
19	13.877	1874	1879	1887	rBV3	167945	409752	1.68%	0.319%
20	13.948	1887	1891	1893	rVV	193189	270581	1.11%	0.211%
21	13.989	1893	1898	1920	rVB2	2008723	3610992	14.81%	2.814%
22	14.471	1966	1980	1989	rBV	3221113	7982878	32.73%	6.221%
23	14.682	2010	2016	2031	rBV2	582304	2259800	9.27%	1.761%
24	14.806	2032	2037	2043	rVV2	1646013	2818180	11.55%	2.196%
25	14.858	2043	2046	2050	rVB	425405	532474	2.18%	0.415%
26	15.487	2136	2153	2171	rBV	7743128	24389356	100.00%	19.008%
27	15.728	2189	2194	2199	rBV2	589896	1122195	4.60%	0.875%
28	15.869	2213	2218	2227	rVB	396025	584188	2.40%	0.455%
29	16.304	2287	2292	2302	rVB	5613644	8655069	35.49%	6.745%
30	16.562	2332	2336	2340	rBV2	188332	280260	1.15%	0.218%
31	16.668	2350	2354	2363	rVV7	128644	258535	1.06%	0.201%
32	17.473	2486	2491	2500	rVB3	182463	353123	1.45%	0.275%
33	17.572	2502	2508	2514	rVB2	1977672	3130929	12.84%	2.440%
34	18.442	2651	2656	2661	rBV4	164366	314632	1.29%	0.245%

LSC Area Percent Report

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Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

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-BG072616.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	18.841	2720	2724	2731	rBV2	329996	429476	1.76%	0.335%
36	19.029	2751	2756	2760	rBV6	120317	246366	1.01%	0.192%
37	20.181	2946	2952	2957	rBV	9273944	12756109	52.30%	9.941%
38	20.592	3019	3022	3026	rVV3	322294	543276	2.23%	0.423%
39	20.639	3028	3030	3039	rVB7	255772	508669	2.09%	0.396%
40	20.797	3054	3057	3064	rVV2	549517	737906	3.03%	0.575%
41	20.862	3064	3068	3074	rVB	662578	988712	4.05%	0.771%
42	20.997	3087	3091	3102	rVB3	562214	1262306	5.18%	0.984%
43	21.256	3131	3135	3136	rBV2	742317	806045	3.30%	0.628%
44	21.890	3237	3243	3252	rVB	1912443	3330837	13.66%	2.596%
45	25.297	3812	3823	3837	rBV2	1102618	3268588	13.40%	2.547%

Sum of corrected areas: 128312688

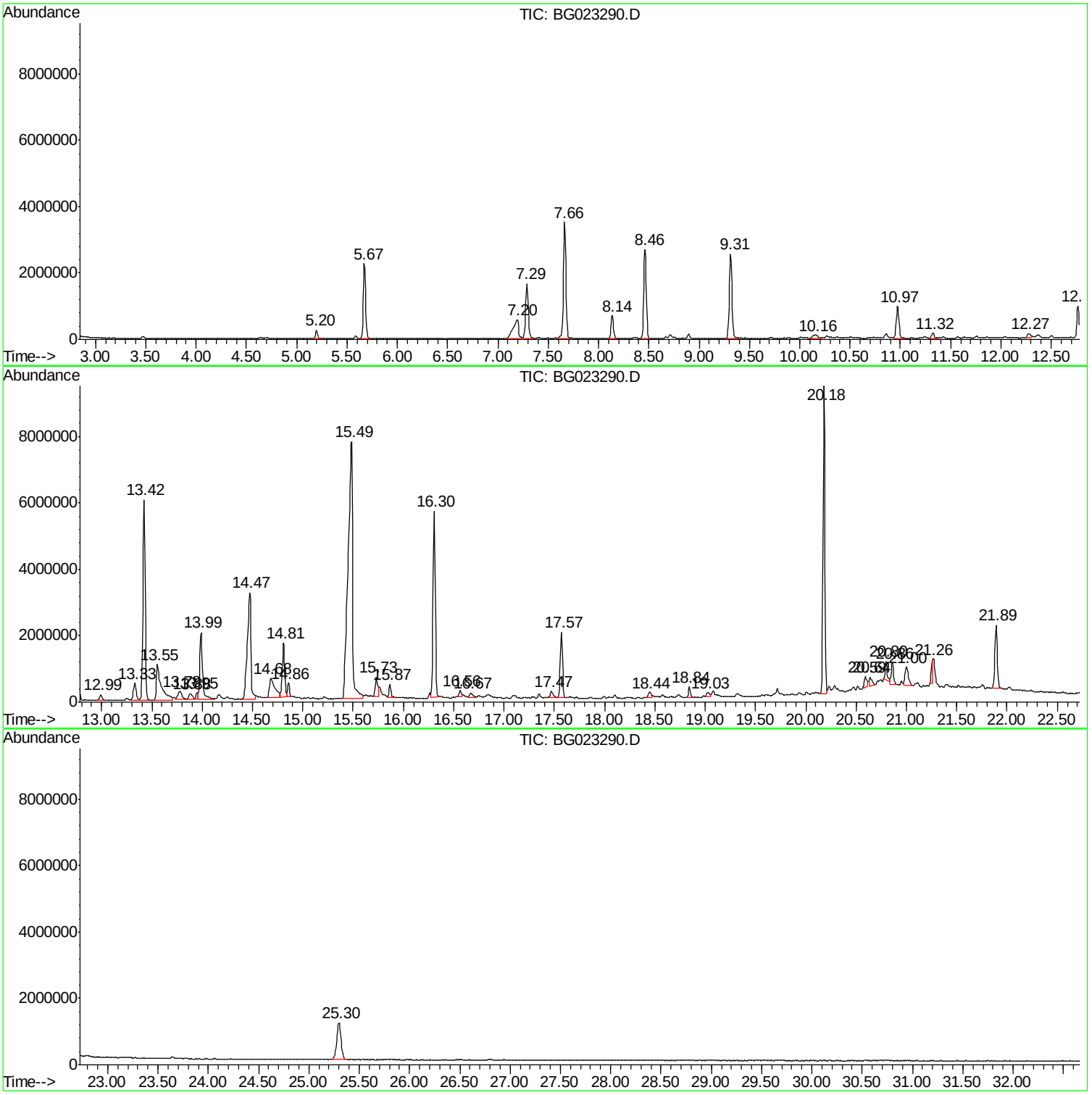
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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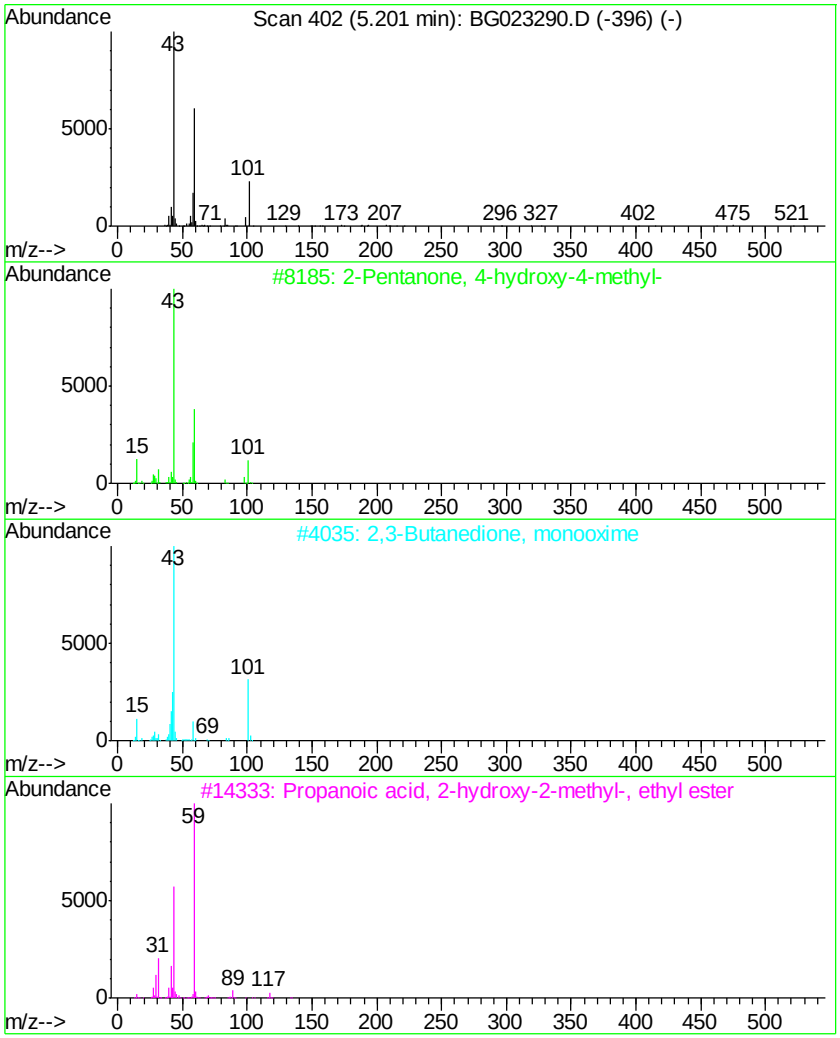
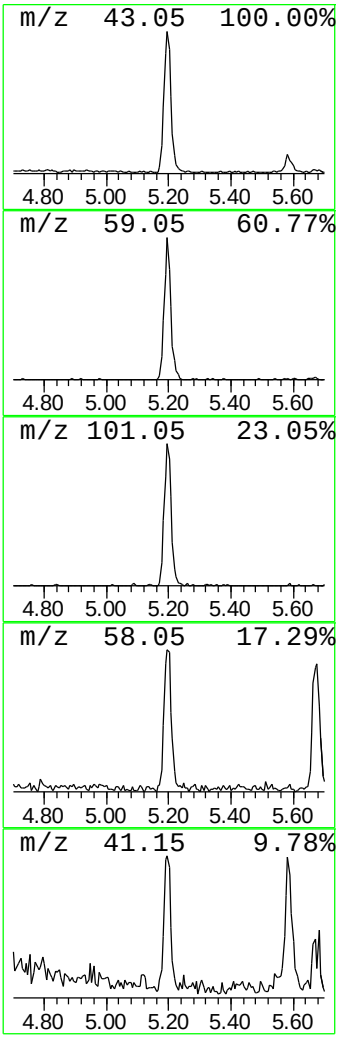
Peak Number 1 unknown5.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	6.62 ng	397302	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	17
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	17
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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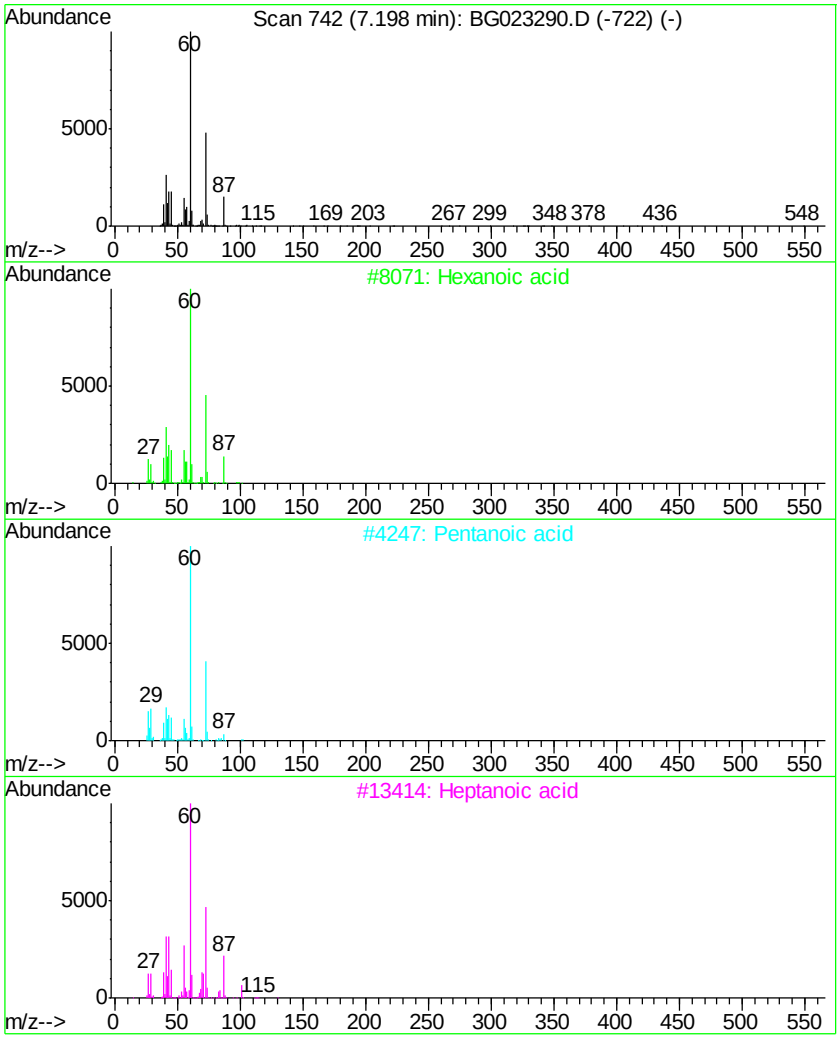
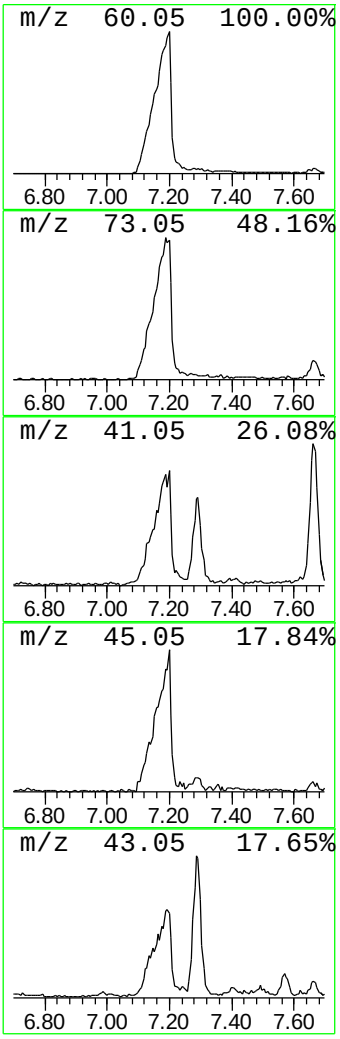
Peak Number 2 Hexanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	37.23 ng	2235970	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	90
2	Pentanoic acid	102	C5H10O2	000109-52-4	78
3	Heptanoic acid	130	C7H14O2	000111-14-8	74
4	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	50
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

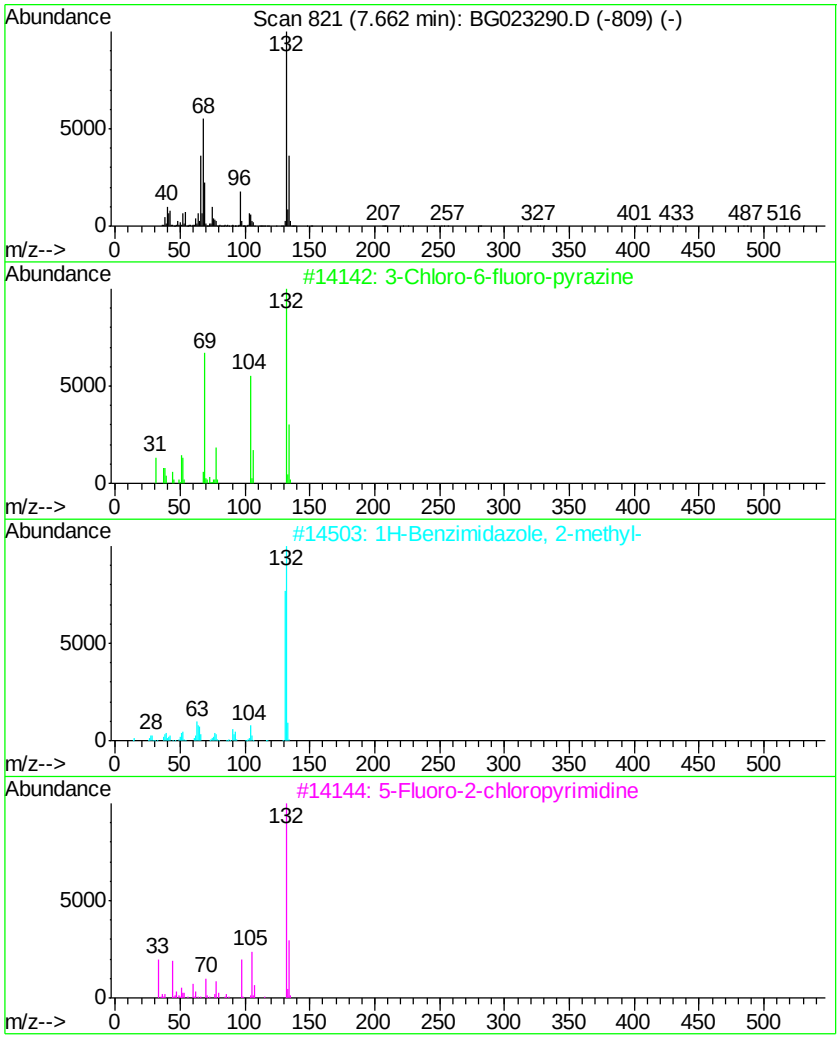
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

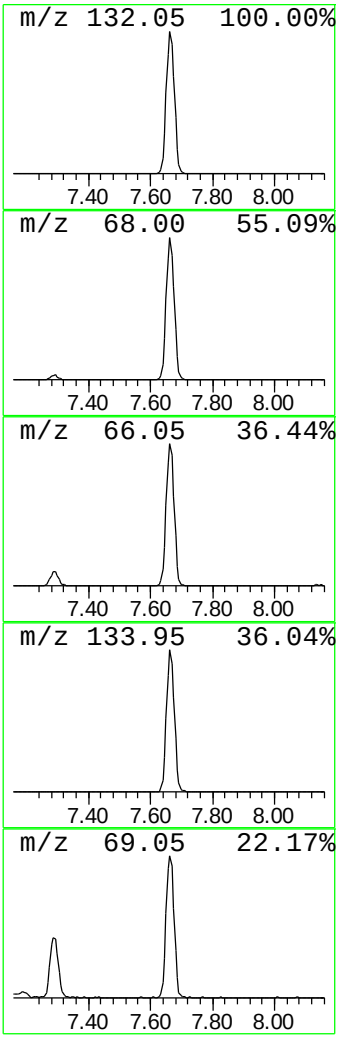
****

Peak Number 3 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	105.18 ng	6316900	1,4-Dichlorobenzene-d4	8.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	11
5	Amphetaminil	250	C17H18N2	017590-01-1	10





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Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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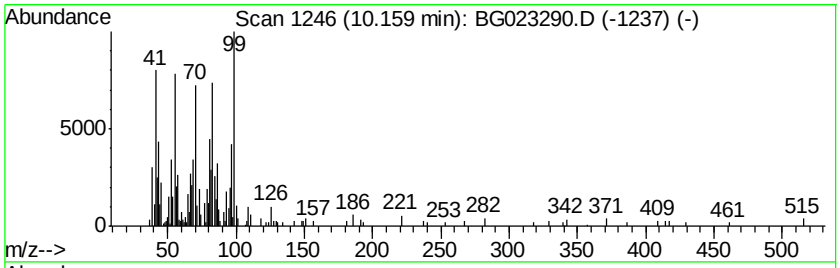
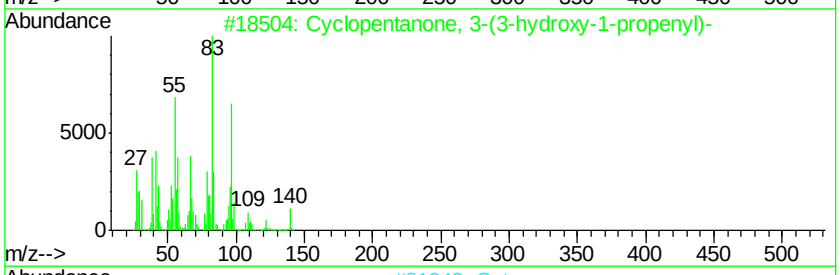
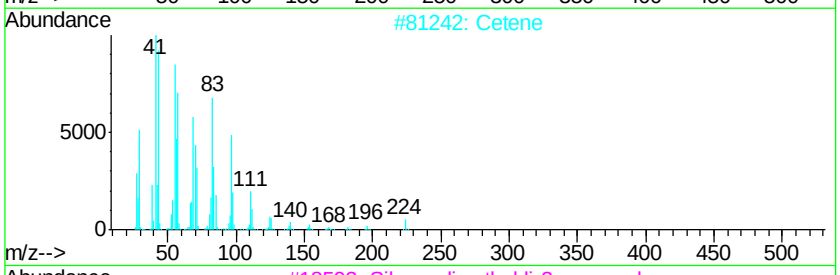
Peak Number 5 unknown10.16 Concentration Rank 20

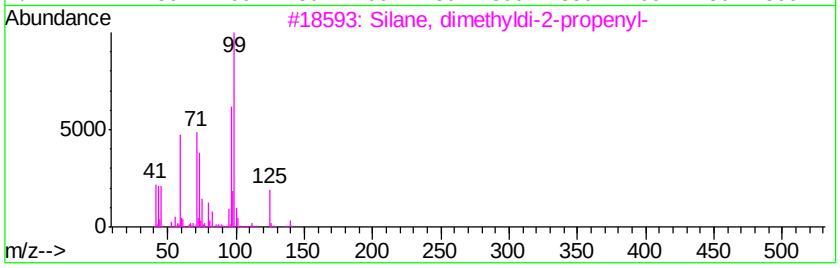
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	3.52 ng	331920	Naphthalene-d8	10.97

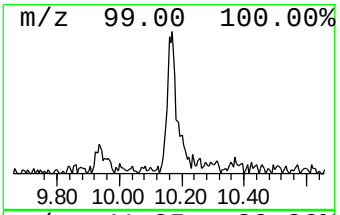
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-(3-hydroxy-1-p...	140	C8H12O2	074473-08-8	43
2	Cetene	224	C16H32	000629-73-2	35
3	Silane, dimethyldi-2-propenyl-	140	C8H16Si	001113-12-8	27
4	4-Isopropyldicyclohexylmethane	222	C16H30	054965-61-6	27
5	2-Octenal, (E)-	126	C8H14O	002548-87-0	27

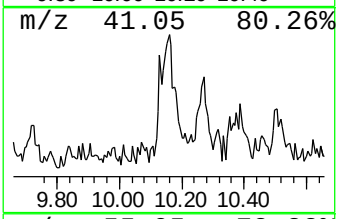


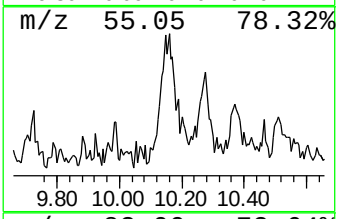


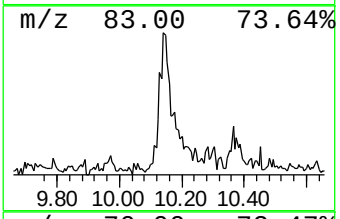


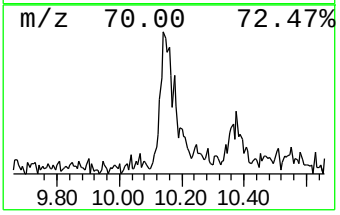












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Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

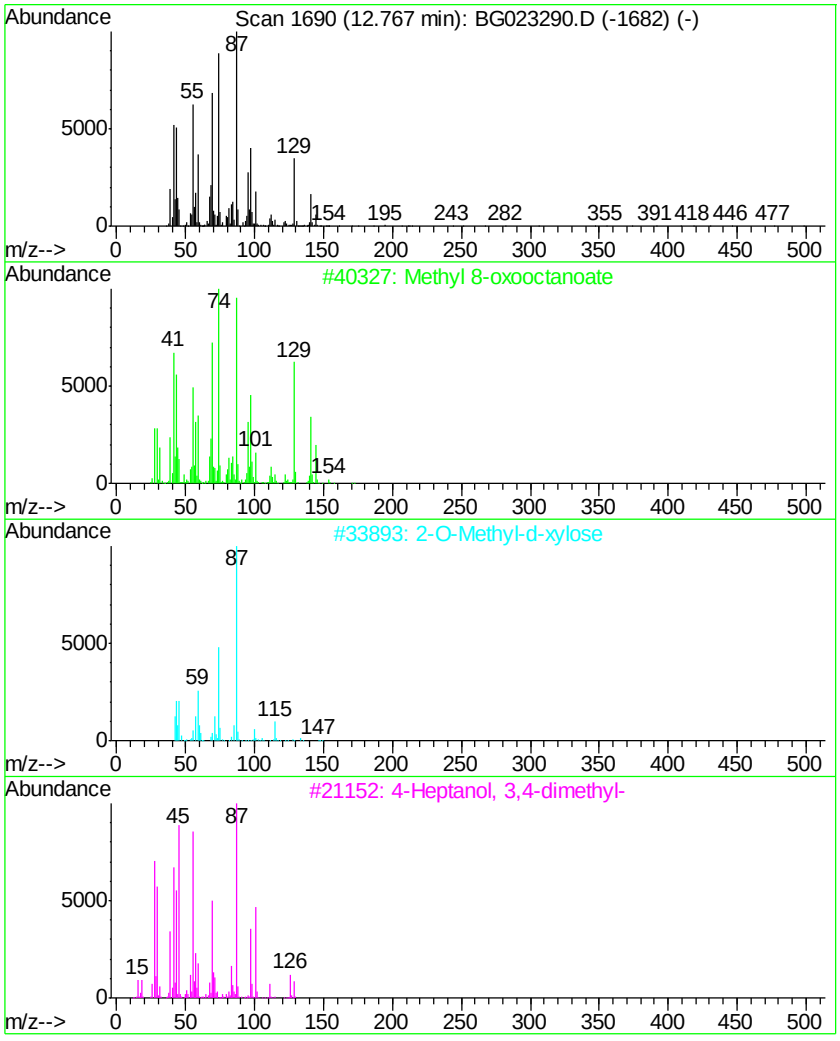
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

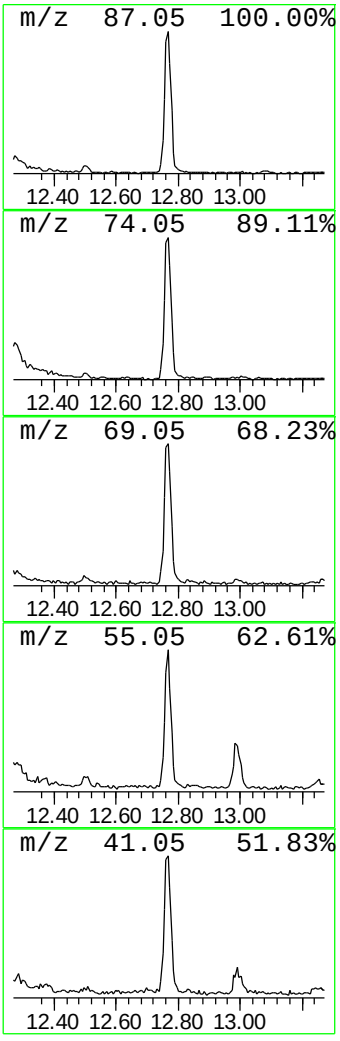
****

Peak Number 6 Methyl 8-oxooctanoate Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	15.62 ng	1471310	Naphthalene-d8	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl 8-oxooctanoate	172	C9H16O3	004316-48-7	83
2	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	43
3	4-Heptanol, 3,4-dimethyl-	144	C9H20O	005406-10-0	35
4	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	27
5	Methyl isovalerate	116	C6H12O2	000556-24-1	25





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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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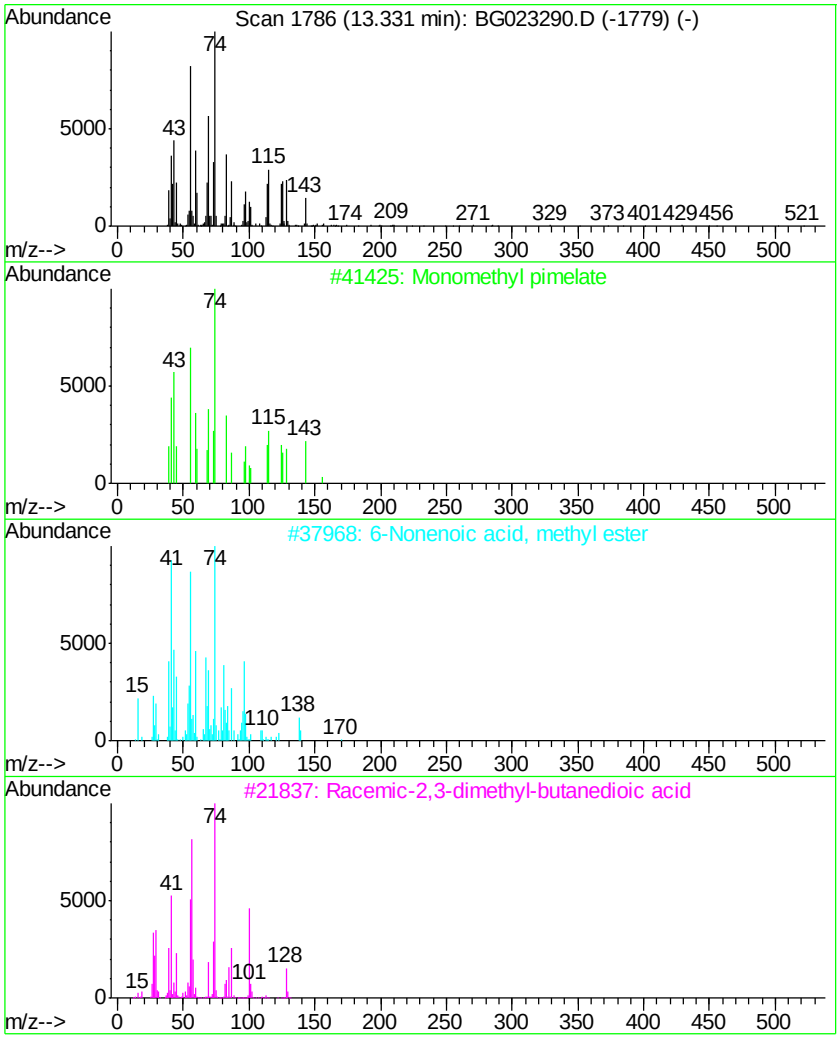
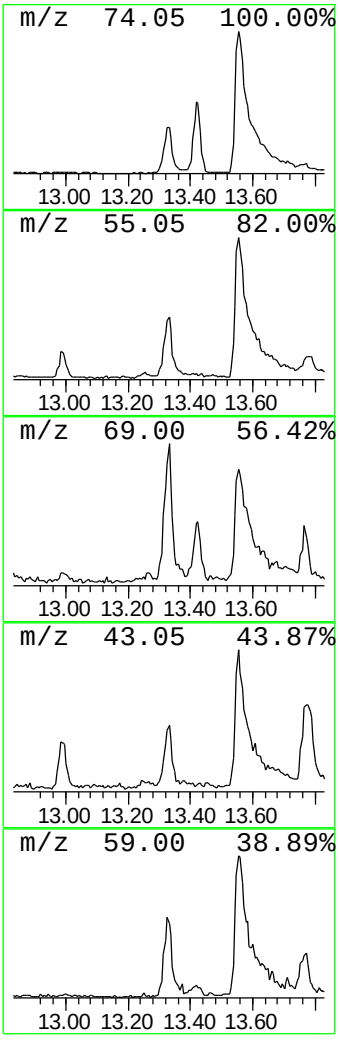
Peak Number 7 Monomethyl pimelate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	6.97 ng	981948	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Monomethyl pimelate	174	C8H14O4	020291-40-1	87
2	6-Nonenoic acid, methyl ester	170	C10H18O2	020731-21-9	38
3	Racemic-2,3-dimethyl-butanedioic...	146	C6H10O4	000608-40-2	37
4	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	37
5	4-Octenoic acid, methyl ester, (Z)-	156	C9H16O2	021063-71-8	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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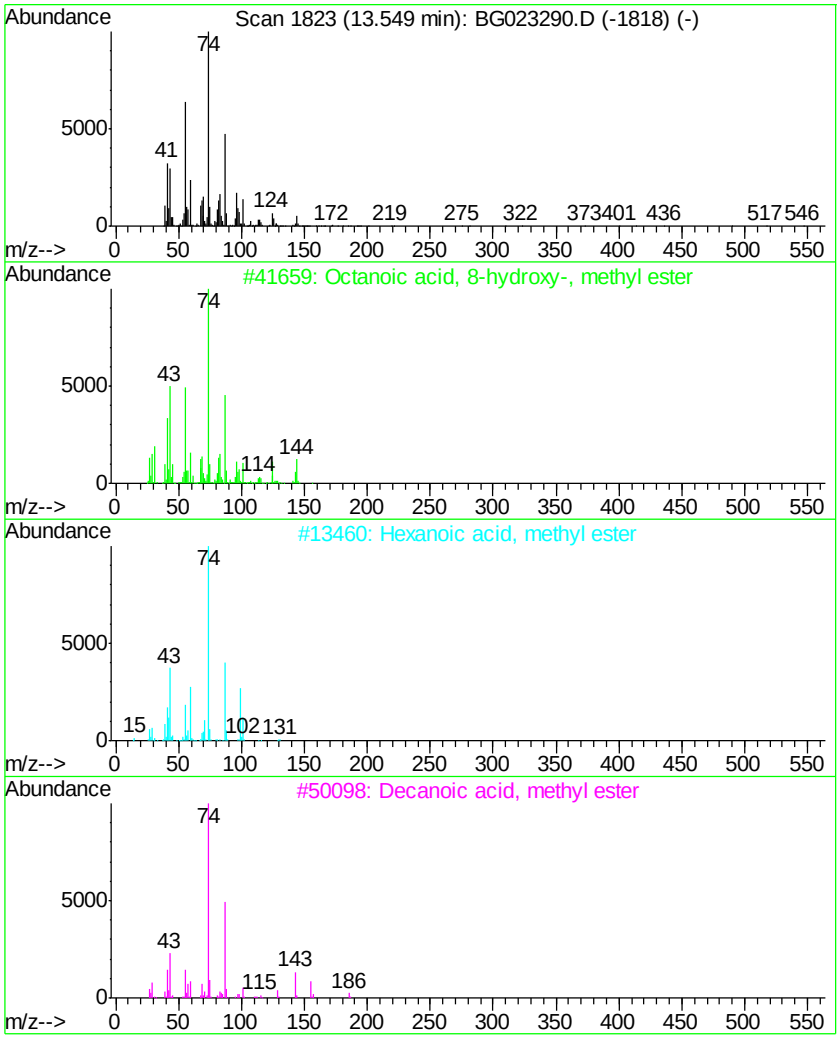
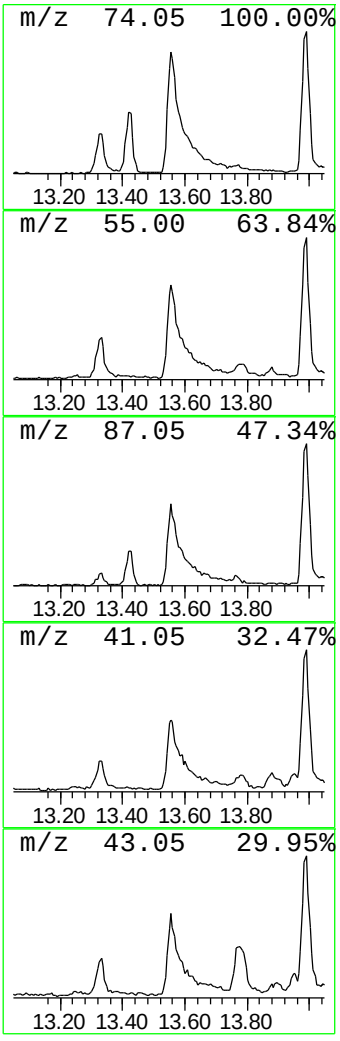
Peak Number 8 Octanoic acid, 8-hydroxy-, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	26.50 ng	3734660	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octanoic acid, 8-hydroxy-, methy...	174	C9H18O3	020257-95-8	78
2	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	64
3	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	53
4	Methyl 6-methyl heptanoate	158	C9H18O2	002519-37-1	53
5	Nonanoic acid, methyl ester	172	C10H20O2	001731-84-6	53





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Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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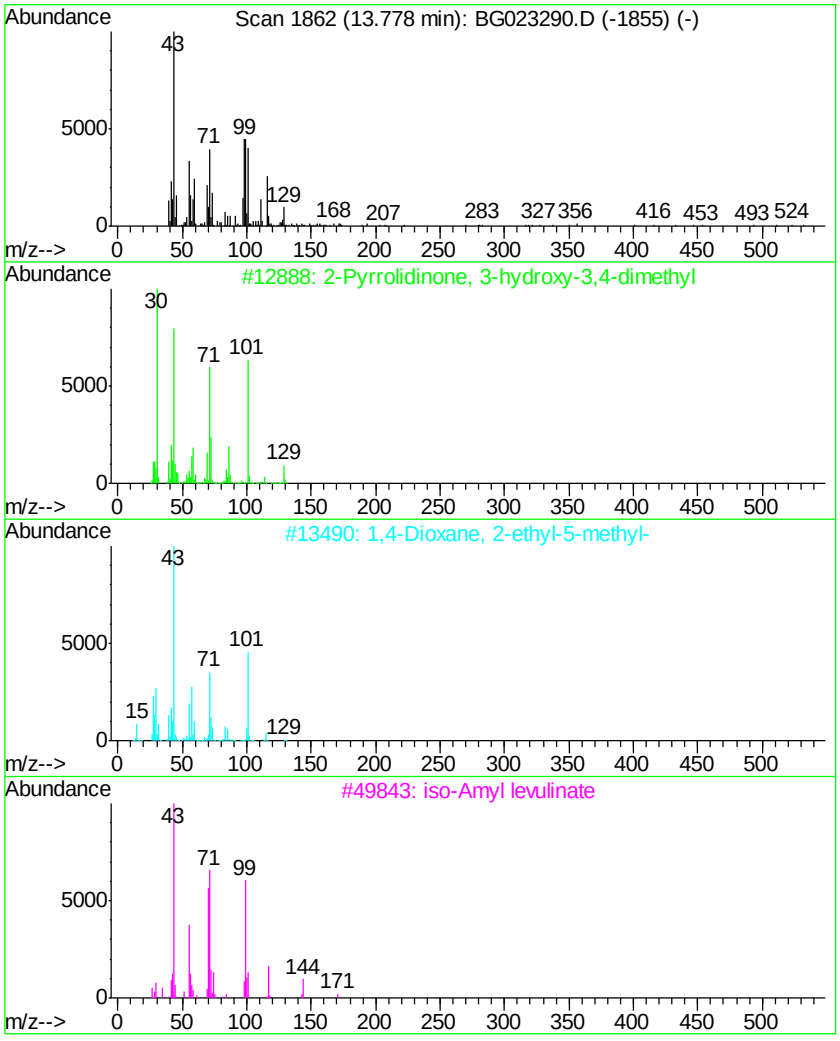
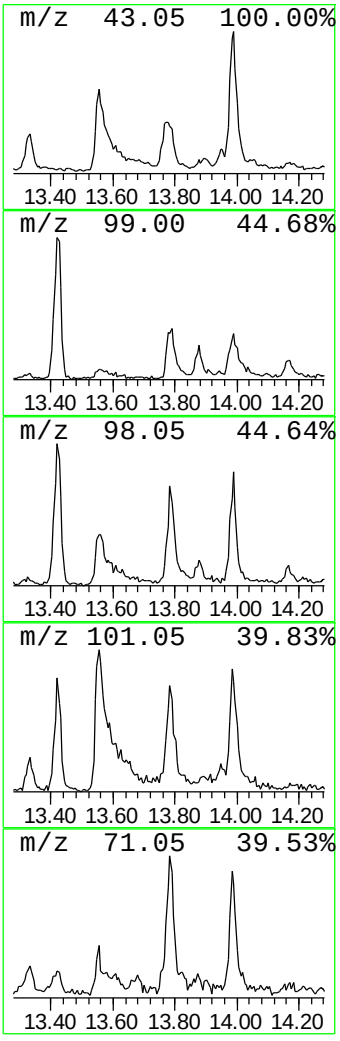
Peak Number 9 unknown13.78 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.78	4.58 ng	645365	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pyrrolidinone, 3-hydroxy-3,4-d...	129	C6H11NO2	1000196-87-3	27
2	1,4-Dioxane, 2-ethyl-5-methyl-	130	C7H14O2	053907-91-8	27
3	iso-Amyl levulinate	186	C10H18O3	071172-75-3	27
4	Decanoic acid, 4-oxo-	186	C10H18O3	004144-54-1	25
5	6,7-Dodecanedione	198	C12H22O2	013757-90-9	22





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Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

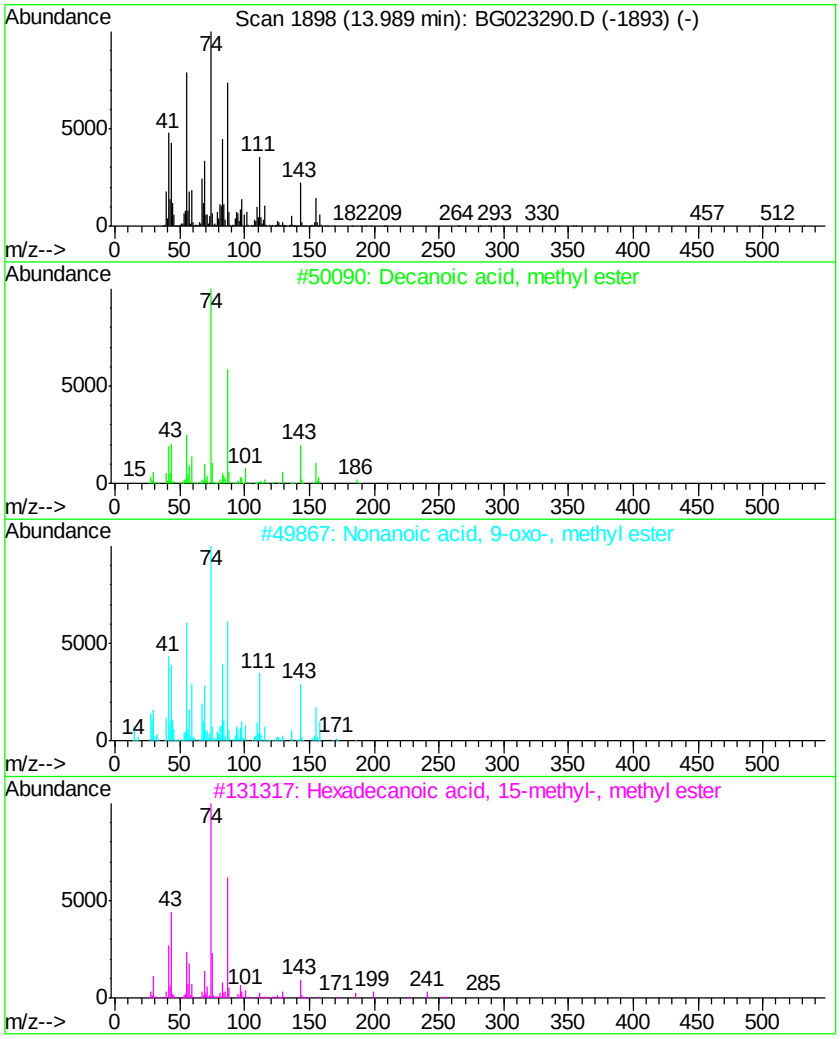
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

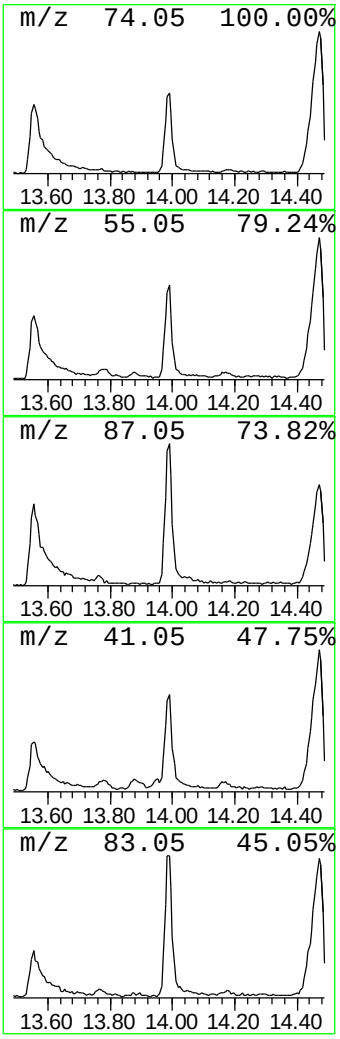
****

Peak Number 10 Decanoic acid, methyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.99	25.63 ng	3610990	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	50
2	Nonanoic acid, 9-oxo-, methyl ester	186	C10H18O3	001931-63-1	43
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	43
4	Methyl 8-methyl-nonanoate	186	C11H22O2	1000336-43-6	38
5	Methyl 6-methyloctanoate	172	C10H20O2	005129-62-4	38





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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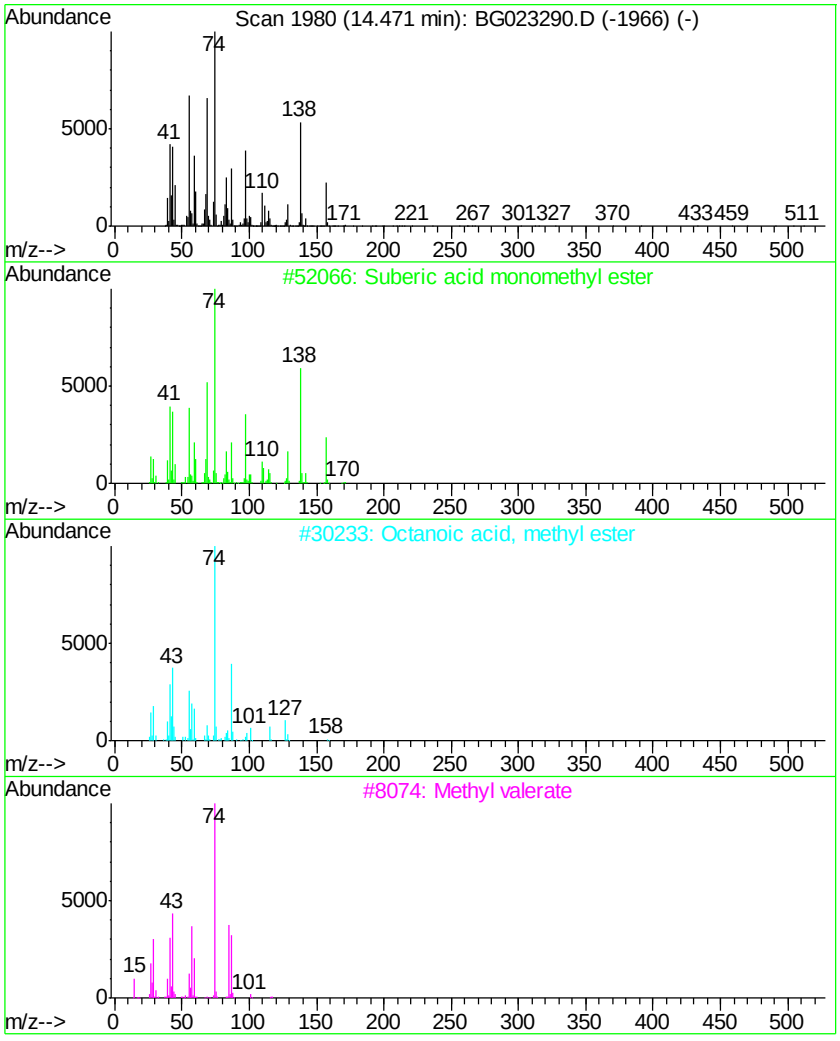
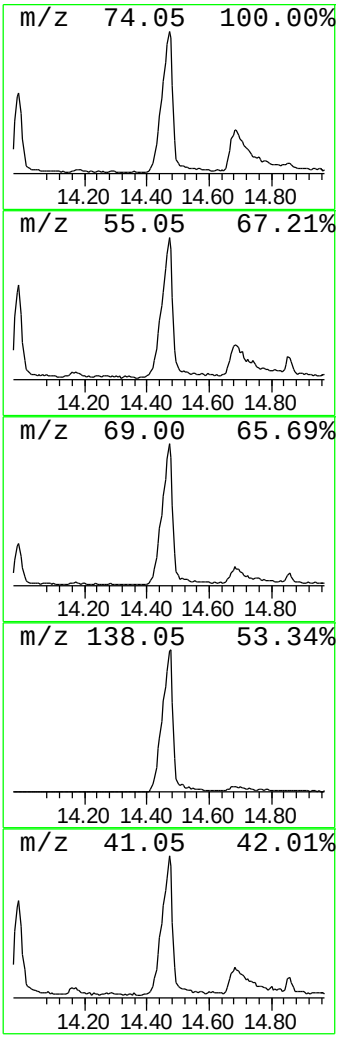
Peak Number 11 Suberic acid monomethyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	56.65 ng	7982880	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Suberic acid monomethyl ester	188	C9H16O4	003946-32-5	72
2	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	35
3	Methyl valerate	116	C6H12O2	000624-24-8	27
4	Tetramethylammonium hexafluoroph...	219	C4H12F6NP	000558-32-7	27
5	Octanoic acid, 2-methyl-	158	C9H18O2	003004-93-1	25





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Operator : UM/SJ
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Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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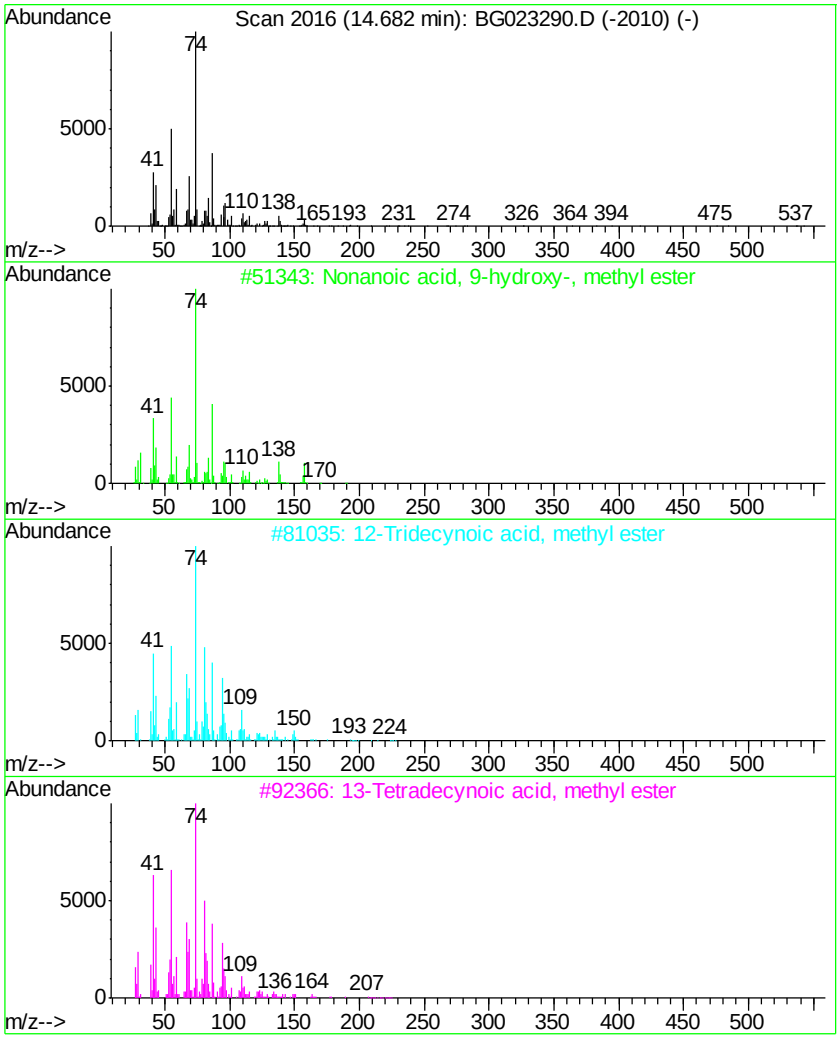
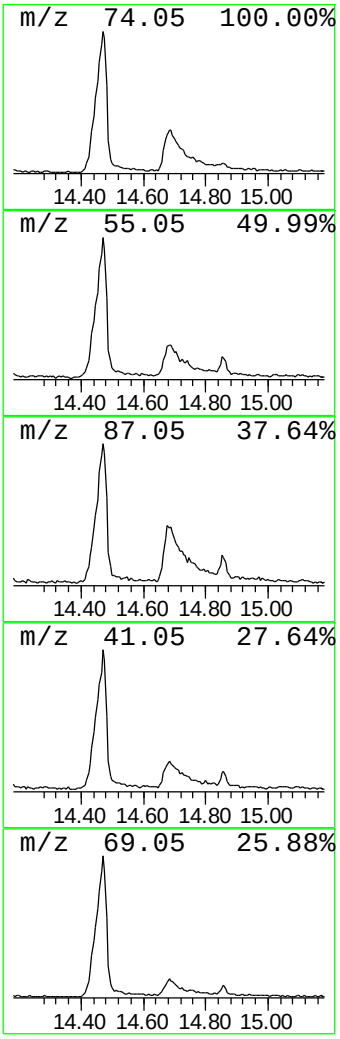
Peak Number 12 Nonanoic acid, 9-hydroxy-, ... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	16.04 ng	2259800	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid, 9-hydroxy-, methy...	188	C10H20O3	034957-73-8	78
2	12-Tridecynoic acid, methyl ester	224	C14H24O2	056909-01-4	64
3	13-Tetradecynoic acid, methyl ester	238	C15H26O2	056909-03-6	59
4	Methyl valerate	116	C6H12O2	000624-24-8	58
5	Octanoic acid, methyl ester	158	C9H18O2	000111-11-5	53





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Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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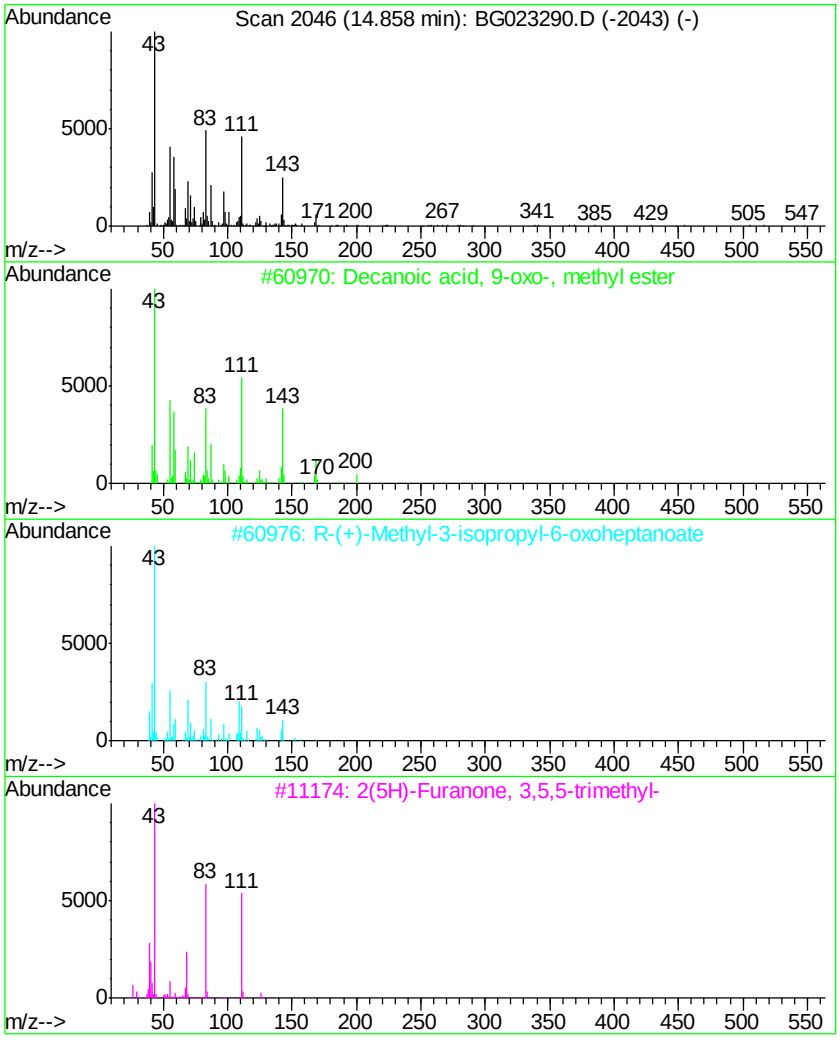
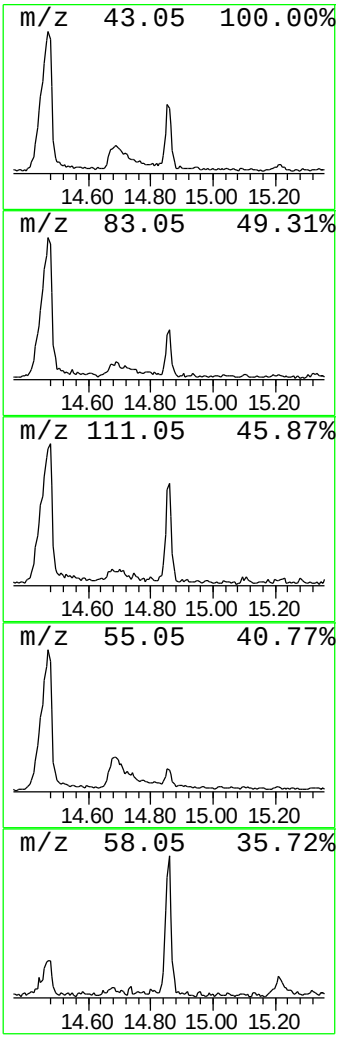
Peak Number 13 unknown14.86 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	3.78 ng	532474	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanoic acid, 9-oxo-, methyl ester	200	C11H20O3	002575-07-7	45
2	R-(+)-Methyl-3-isopropyl-6-oxohe...	200	C11H20O3	091201-40-0	38
3	2(5H)-Furanone, 3,5,5-trimethyl-	126	C7H10O2	050598-50-0	35
4	Acetic acid, 2-iodomethyl-1-meth...	270	C8H15IO2	1000190-11-1	17
5	4-Acetonylcycloheptanone	168	C10H16O2	086428-60-6	12





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Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

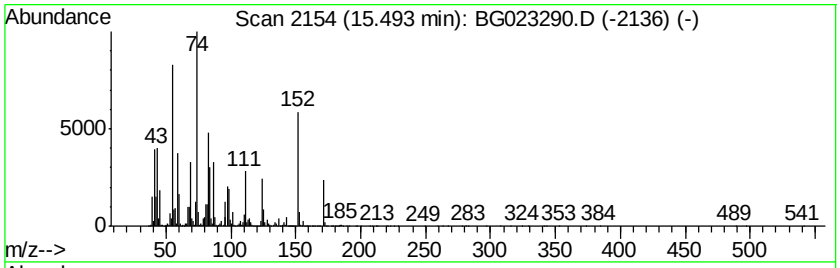
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

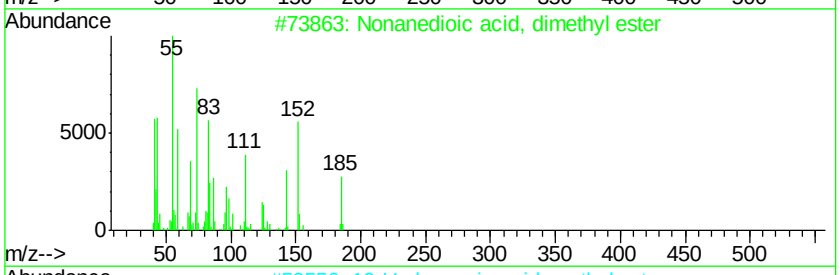
****

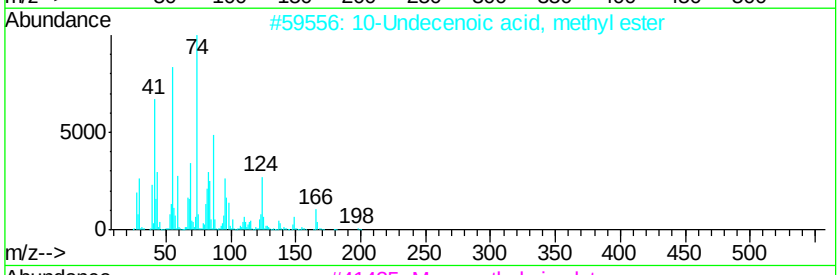
Peak Number 14 Nonanedioic acid, dimethyl ... Concentration Rank 1

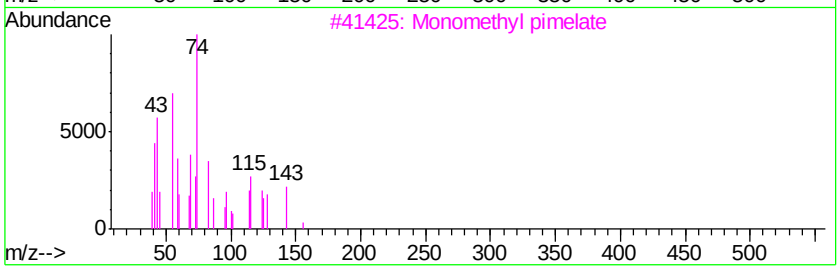
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.49	173.09 ng	24389400	Acenaphthene-d10	14.81

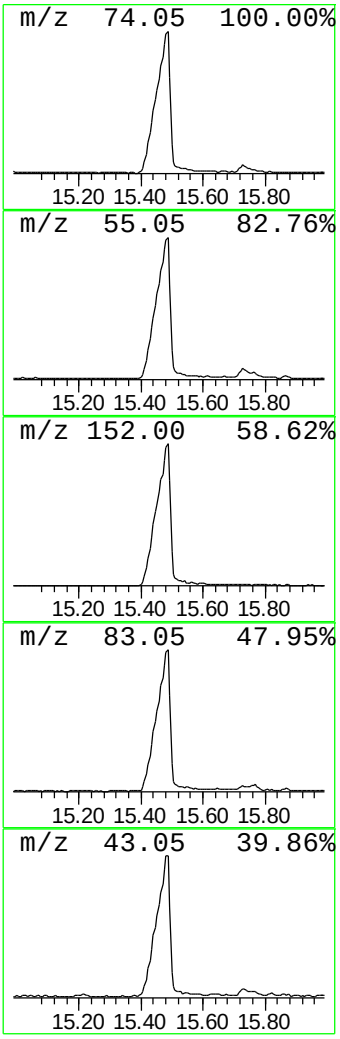
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanedioic acid, dimethyl ester	216	C11H20O4	001732-10-1	58
2	10-Undecenoic acid, methyl ester	198	C12H22O2	000111-81-9	43
3	Monomethyl pimelate	174	C8H14O4	020291-40-1	40
4	Ethyl hydrogen sebacate	230	C12H22O4	1000342-39-1	38
5	Hexanoic acid, methyl ester	130	C7H14O2	000106-70-7	25











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Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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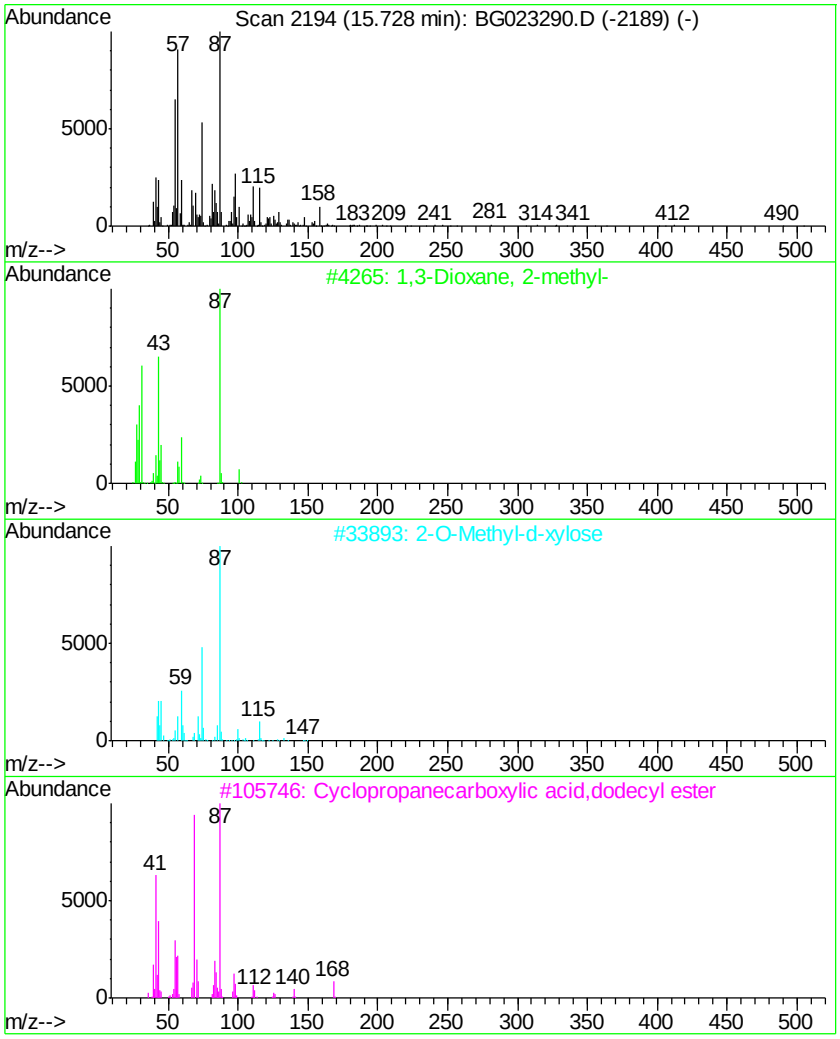
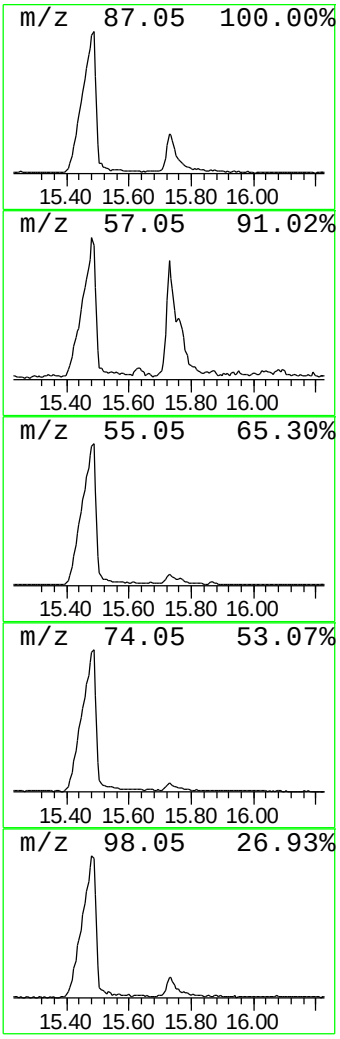
Peak Number 15 unknown15.73 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	7.96 ng	1122200	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxane, 2-methyl-	102	C5H10O2	000626-68-6	38
2	2-O-Methyl-d-xylose	164	C6H12O5	1000130-01-3	38
3	Cyclopropanecarboxylic acid,dode...	254	C16H30O2	054460-43-4	35
4	4-Heptanol, 3,4-dimethyl-	144	C9H20O	005406-10-0	35
5	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	32





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Sample : H4152-14
Misc :
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Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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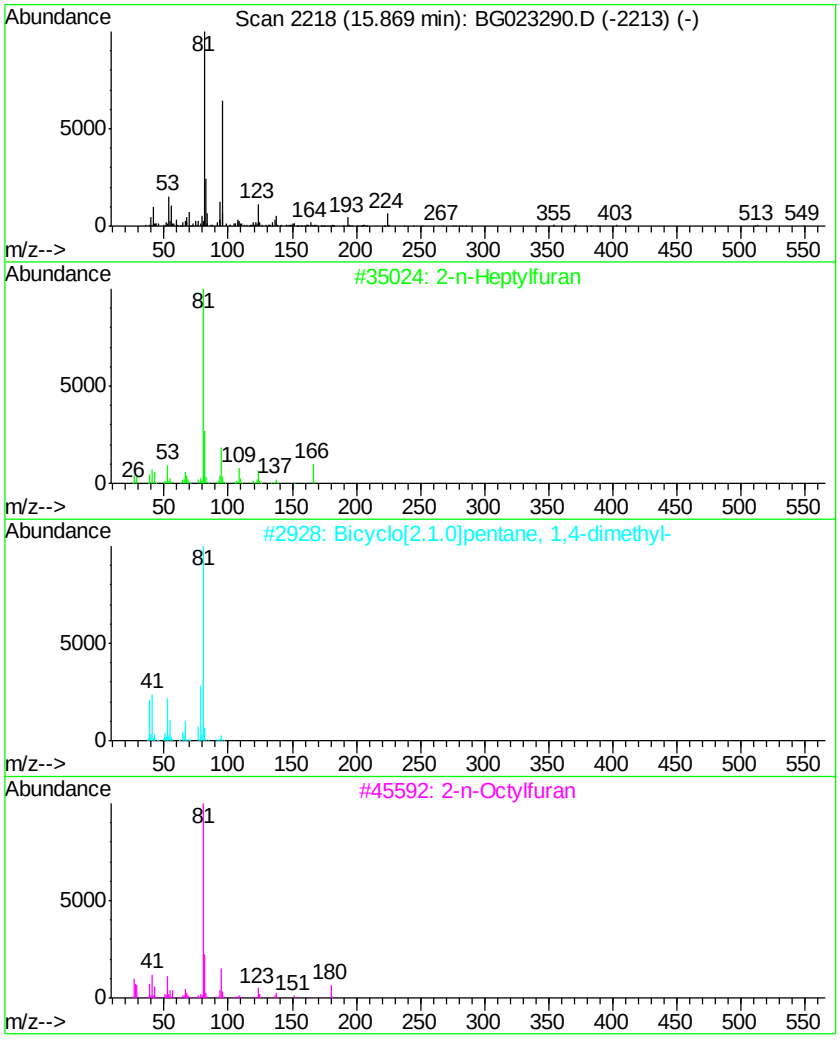
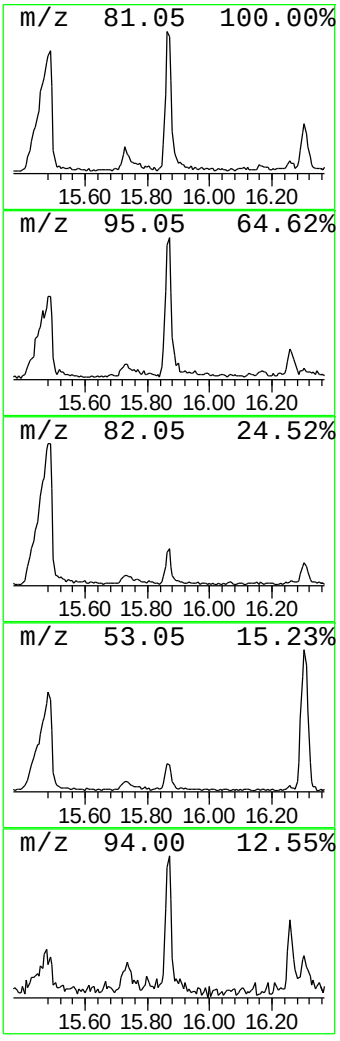
Peak Number 16 2-n-Heptylfuran Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	4.15 ng	584188	Acenaphthene-d10	14.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-n-Heptylfuran	166	C11H18O	003777-71-7	59
2	Bicyclo[2.1.0]pentane, 1,4-dimet...	96	C7H12	017065-18-8	43
3	2-n-Octylfuran	180	C12H20O	004179-38-8	40
4	2-n-Butyl furan	124	C8H12O	004466-24-4	35
5	1-(1-Propynyl)cyclohexanol	138	C9H14O	000697-37-0	27





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Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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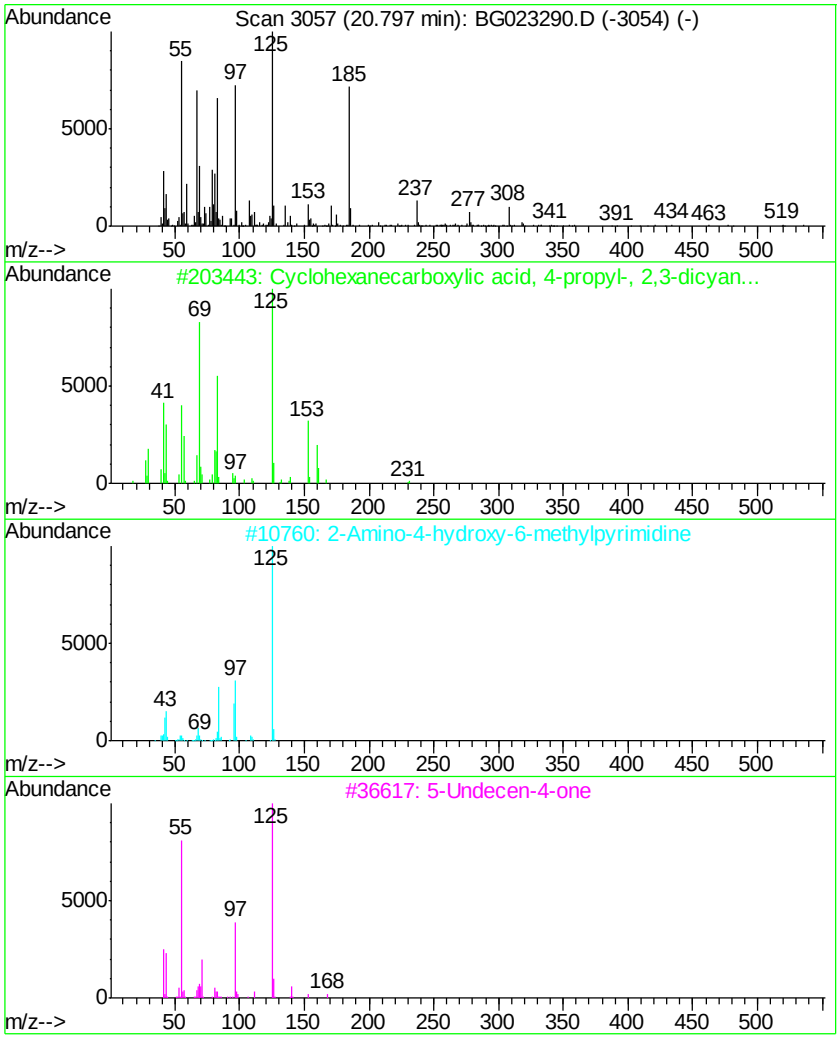
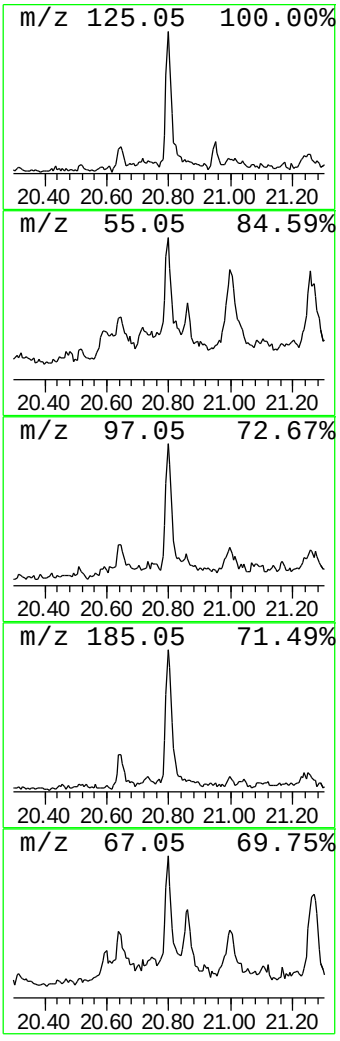
Peak Number 17 unknown20.80 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	4.43 ng	737906	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanecarboxylic acid, 4-pr...	382	C23H30N2O3	075941-50-3	35
2	2-Amino-4-hydroxy-6-methylpyrimi...	125	C5H7N3O	003977-29-5	30
3	5-Undecen-4-one	168	C11H20O	056312-55-1	27
4	3-Cyclopentylpropionic acid, 3-p...	352	C23H44O2	1000293-57-4	25
5	3-Cyclopentylpropionic acid, 4-n...	263	C14H17NO4	1000307-13-6	22





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ClientSampleId : GW-19-7.0-15.0

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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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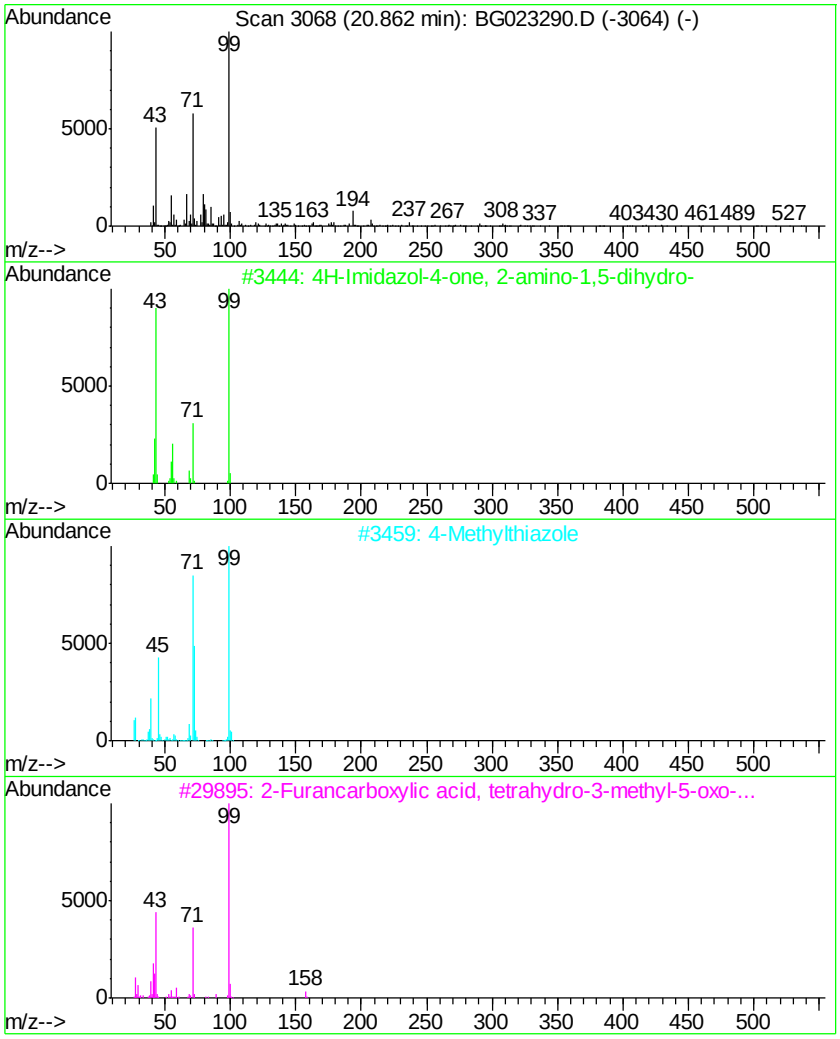
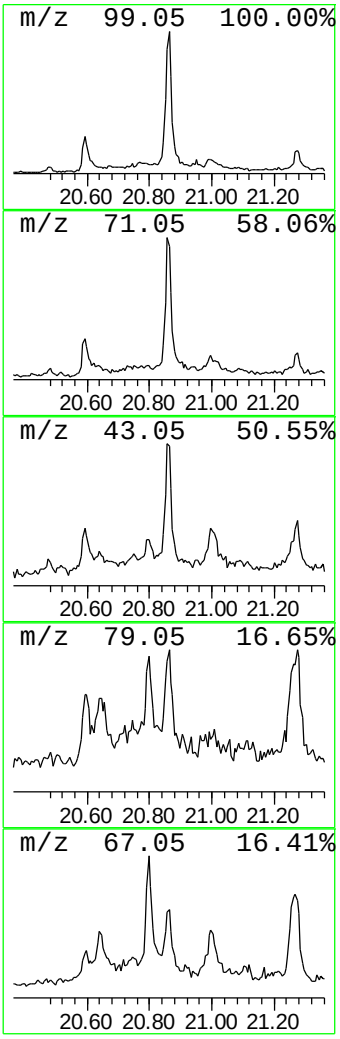
Peak Number 18 4H-Imidazol-4-one, 2-amino-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.94 ng	988712	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Imidazol-4-one, 2-amino-1,5-d...	99	C3H5N3O	000503-86-6	64
2	4-Methylthiazole	99	C4H5NS	000693-95-8	59
3	2-Furancarboxylic acid, tetrahyd...	158	C7H10O4	085547-53-1	59
4	Hexanethioic acid, S-heptyl ester	230	C13H26OS	002432-80-6	59
5	Hexanoic acid, 2-formyl-4,6-dich...	288	C13H14Cl2O3	1000330-93-8	59





Library Search Compound Report

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Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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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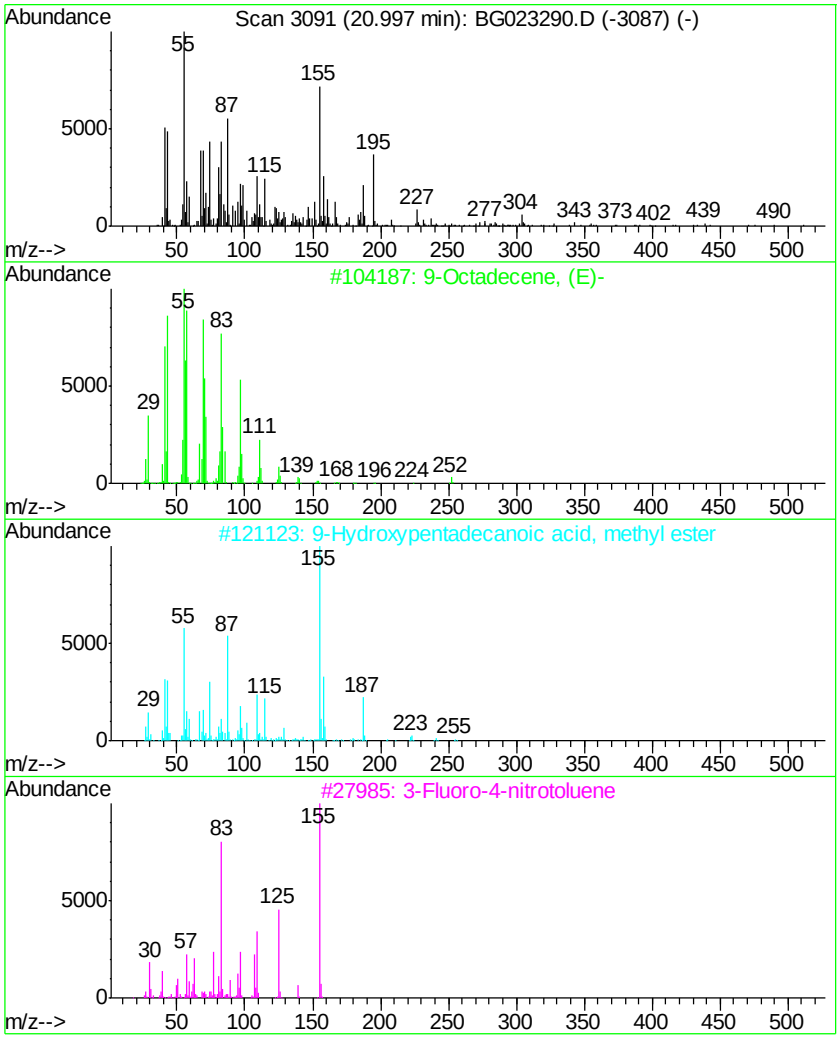
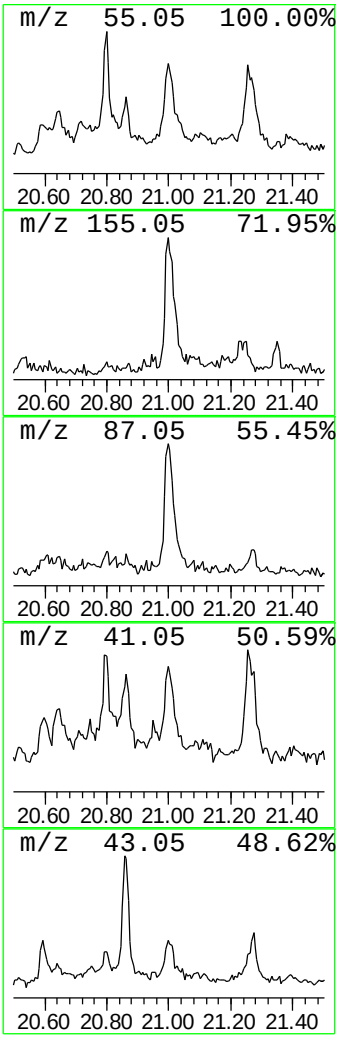
Peak Number 19 unknown21.00 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	7.58 ng	1262310	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, (E)-	252	C18H36	007206-25-9	44
2	9-Hydroxypentadecanoic acid, met...	272	C16H32O3	067401-19-8	38
3	3-Fluoro-4-nitrotoluene	155	C7H6FNO2	000446-34-4	27
4	Cyclotetradecane	196	C14H28	000295-17-0	25
5	9-Hexadecenoic acid, methyl este...	268	C17H32O2	001120-25-8	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

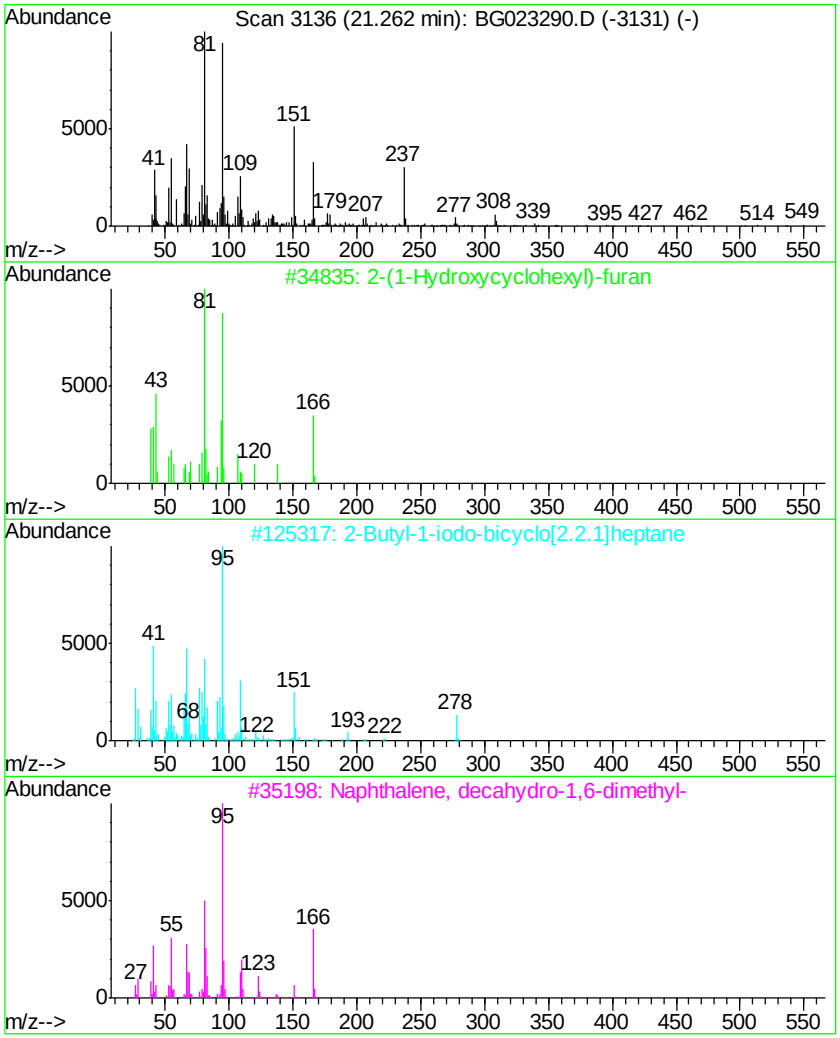
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

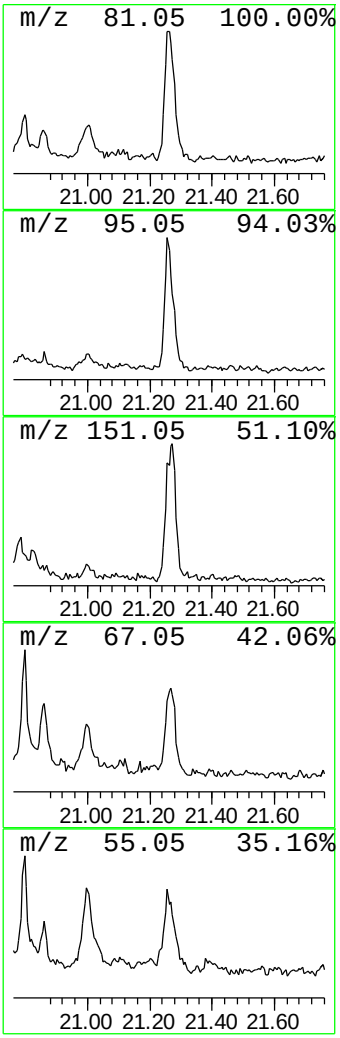
****

Peak Number 20 2-(1-Hydroxycyclohexyl)-furan Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	4.84 ng	806045	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(1-Hydroxycyclohexyl)-furan	166	C10H14O2	036169-67-2	58
2	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	38
3	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	38
4	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	38
5	Tricyclo[4.3.1.1(3,8)]undecan-1-ol	166	C11H18O	031061-64-0	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072716\
Data File : BG023290.D
Acq On : 27 Jul 2016 19:41
Operator : UM/SJ
Sample : H4152-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : GW-19-7.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.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
unknown5.20	5.20	6.6	ng	397302	1	8.14	1201140	20.0
Hexanoic acid	7.20	37.2	ng	2235970	1	8.14	1201140	20.0
unknown7.66	7.66	105.2	ng	6316900	1	8.14	1201140	20.0
unknown10.16	10.16	3.5	ng	331920	2	10.97	1883570	20.0
Methyl 8-oxooctan...	12.77	15.6	ng	1471310	2	10.97	1883570	20.0
Monomethyl pimelate	13.33	7.0	ng	981948	3	14.81	2818180	20.0
Octanoic acid, 8-...	13.55	26.5	ng	3734660	3	14.81	2818180	20.0
unknown13.78	13.78	4.6	ng	645365	3	14.81	2818180	20.0
Decanoic acid, me...	13.99	25.6	ng	3610990	3	14.81	2818180	20.0
Suberic acid mono...	14.47	56.6	ng	7982880	3	14.81	2818180	20.0
Nonanoic acid, 9-...	14.68	16.0	ng	2259800	3	14.81	2818180	20.0
unknown14.86	14.86	3.8	ng	532474	3	14.81	2818180	20.0
Nonanedioic acid,...	15.49	173.1	ng	24389400	3	14.81	2818180	20.0
unknown15.73	15.73	8.0	ng	1122200	3	14.81	2818180	20.0
2-n-Heptylfuran	15.87	4.2	ng	584188	3	14.81	2818180	20.0
unknown20.80	20.80	4.4	ng	737906	5	21.89	3330840	20.0
4H-Imidazol-4-one...	20.86	5.9	ng	988712	5	21.89	3330840	20.0
unknown21.00	21.00	7.6	ng	1262310	5	21.89	3330840	20.0
2-(1-Hydroxycyclo...	21.26	4.8	ng	806045	5	21.89	3330840	20.0