LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

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-BG070816.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	3.037	29	34	54	rBV	6194817	9506542	21.73%	3.517%
2	5.222	398	406	414	rVB	292978	464924	1.06%	0.172%
3	5.698	480	487	497	rVB	1309594	2211251	5.05%	0.818%
4	7.308	753	761	773	rBV	2197158	3947841	9.02%	1.460%
5	7.678	817	824	840	rVB	1843666	3229175	7.38%	1.195%
6	8.148	896	904	910	rBV	494851	834647	1.91%	0.309%
7	8.477	950	960	969	rBV	1421464	2536205	5.80%	0.938%
8	8.971	1030	1044	1060	rBV5	405369	1636580	3.74%	0.605%
9	9.324	1097	1104	1117	rVB	1381377	2479046	5.67%	0.917%
10	10.980	1379	1386	1392	rBV	695411	1279416	2.92%	0.473%
11	11.644	1487	1499	1513	rBV2	360777	1141172	2.61%	0.422%
12	12.314	1607	1613	1619	rBV	309521	531135	1.21%	0.196%
13	13.419	1794	1801	1809	rVB	3568897	5392477	12.32%	1.995%
14	14.235	1934	1940	1946	rBV	493147	780323	1.78%	0.289%
15	14.799	2030	2036	2042	rVB2	1146333	1823427	4.17%	0.675%
16	15.205	2095	2105	2112	rBV	2829673	5914266	13.52%	2.188%
17	16.286	2284	2289	2303	rVB2	1009227	1706036	3.90%	0.631%
18	16.480	2318	2322	2325	rBV2	278236	444553	1.02%	0.164%
19	16.932	2393	2399	2413	rBV	3021341	5450173	12.46%	2.016%
20	17.279	2454	2458	2463	rBV2	375665	545749	1.25%	0.202%
21	17.555	2499	2505	2508	rBV2	1357091	2206597	5.04%	0.816%
22	17.596	2508	2512	2519	rVB	828276	1487145	3.40%	0.550%
23	17.696	2523	2529	2536	rBV4	591719	1111628	2.54%	0.411%
24	18.472	2648	2661	2673	rBV	16723567	43755175	100.00%	16.187%
25	19.089	2762	2766	2772	rBV2	532220	811215	1.85%	0.300%
26	19.335	2805	2808	2813	rVB2	354637	440186	1.01%	0.163%
27	19.559	2841	2846	2847	rBV	1241865	1616110	3.69%	0.598%
28	19.606	2851	2854	2861	rVV	1843581	2779862	6.35%	1.028%
29	19.723	2865	2874	2891	rVV	17462908	36331289	83.03%	13.440%
30	19.870	2895	2899	2903	rVV	1139161	1901489	4.35%	0.703%
31	19.911	2904	2906	2910	rVV2	598075	1022677	2.34%	0.378%
32	19.970	2912	2916	2924	rVB	1431854	2309351	5.28%	0.854%
33	20.158	2943	2948	2954	rVB	7778352	10539288	24.09%	3.899%
34	20.440	2992	2996	3003	rVB2	1198536	1684739	3.85%	0.623%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

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-BG070816.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.945	3076	3082	3087	rVB	4413030	5834893	13.34%	2.159%
36	21.433	3160	3165	3167	rBV2	1102891	1996468	4.56%	0.739%
37	21.468	3167	3171	3174	rVV	4111085	5817303	13.30%	2.152%
38	21.503	3174	3177	3183	rVV	1647070	2668078	6.10%	0.987%
39	21.574	3183	3189	3194	rVB	6891728	10814955	24.72%	4.001%
40	21.727	3210	3215	3226	rVB	1884120	2750723	6.29%	1.018%
41	21.862	3231	3238	3243	rVV3	2593247	6018616	13.76%	2.227%
42	21.915	3243	3247	3253	rVB	1131821	1797467	4.11%	0.665%
43	22.038	3263	3268	3274	rVB	4769063	6633309	15.16%	2.454%
44	22.673	3370	3376	3383	rVB	4854979	8111096	18.54%	3.001%
45	23.072	3438	3444	3450	rBV	3010594	5565281	12.72%	2.059%
46	23.401	3491	3500	3514	rBV	10697357	23638566	54.02%	8.745%
47	24.247	3637	3644	3655	rVB2	4152842	9471210	21.65%	3.504%
48	25.252	3806	3815	3824	rBV4	3414837	9438106	21.57%	3.492%
49	26.445	4009	4018	4030	rVB	1971681	5858078	13.39%	2.167%
50	27.872	4254	4261	4274	rVB2	1159735	4048448	9.25%	1.498%

Sum of corrected areas: 270314286

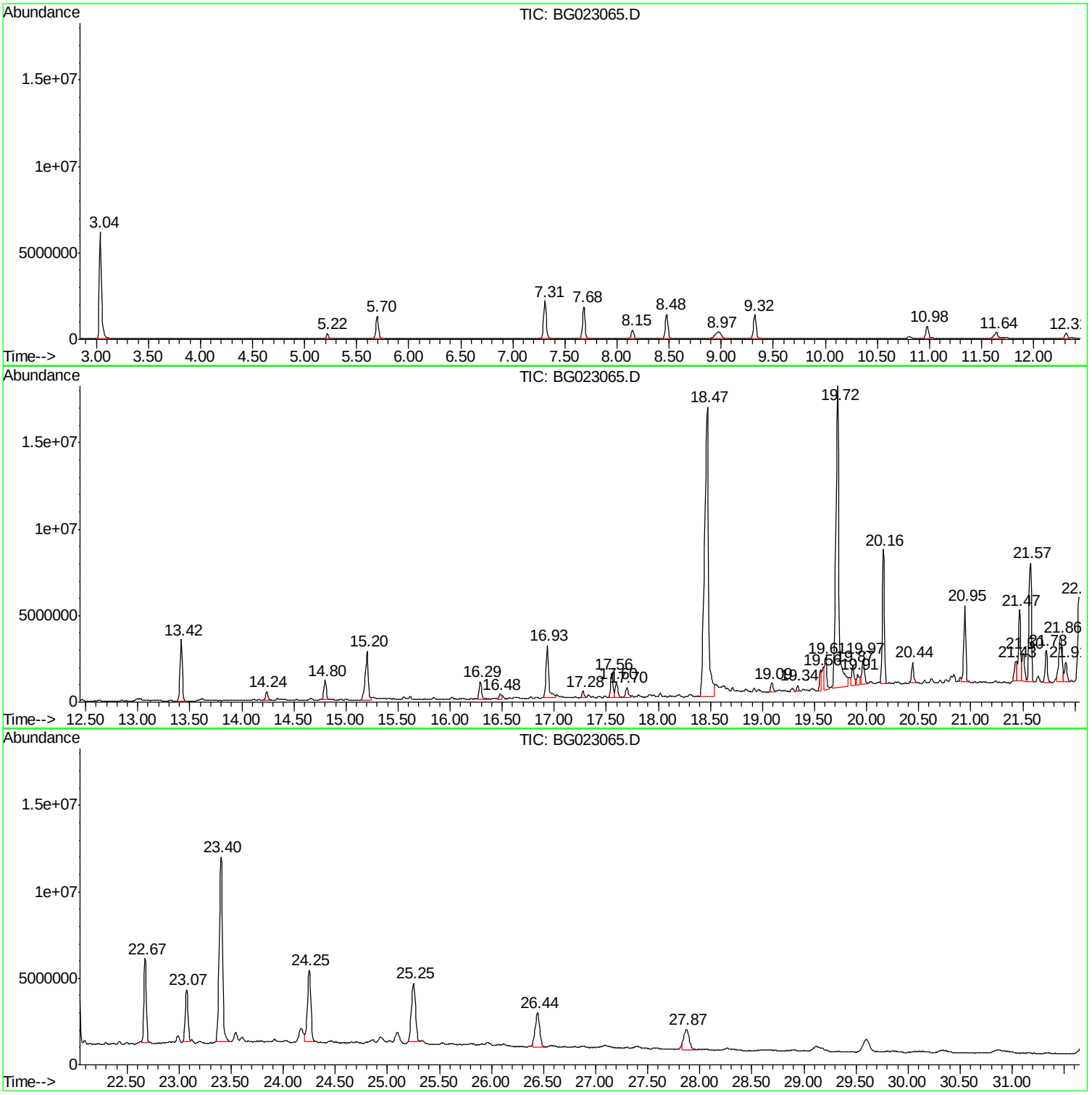
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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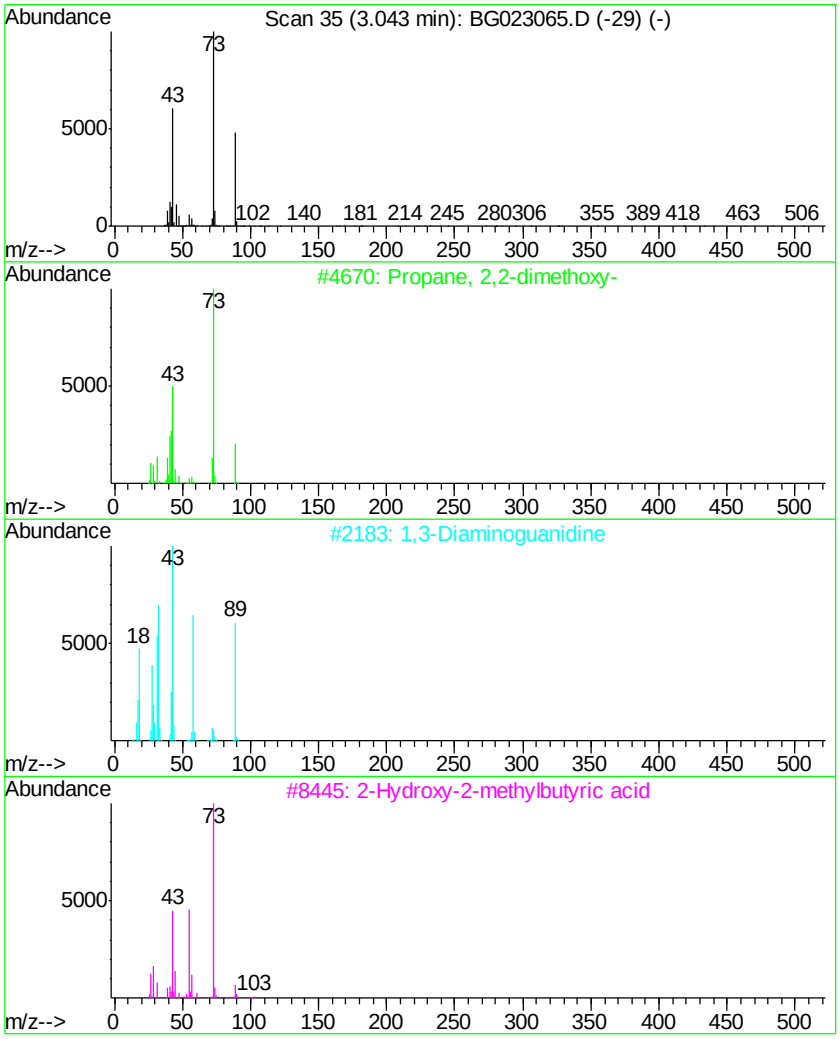
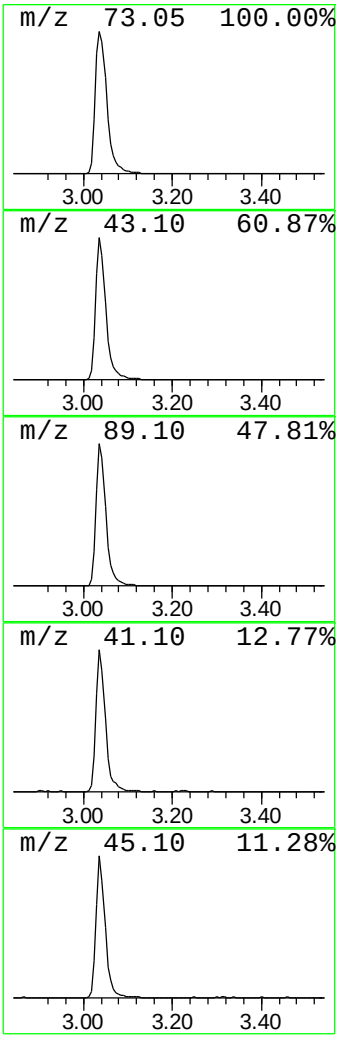
Peak Number 1 unknown3.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	227.80 ng	9506540	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	40
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	N-Methoxydiacetamide	131	C5H9NO3	128459-09-6	9
5	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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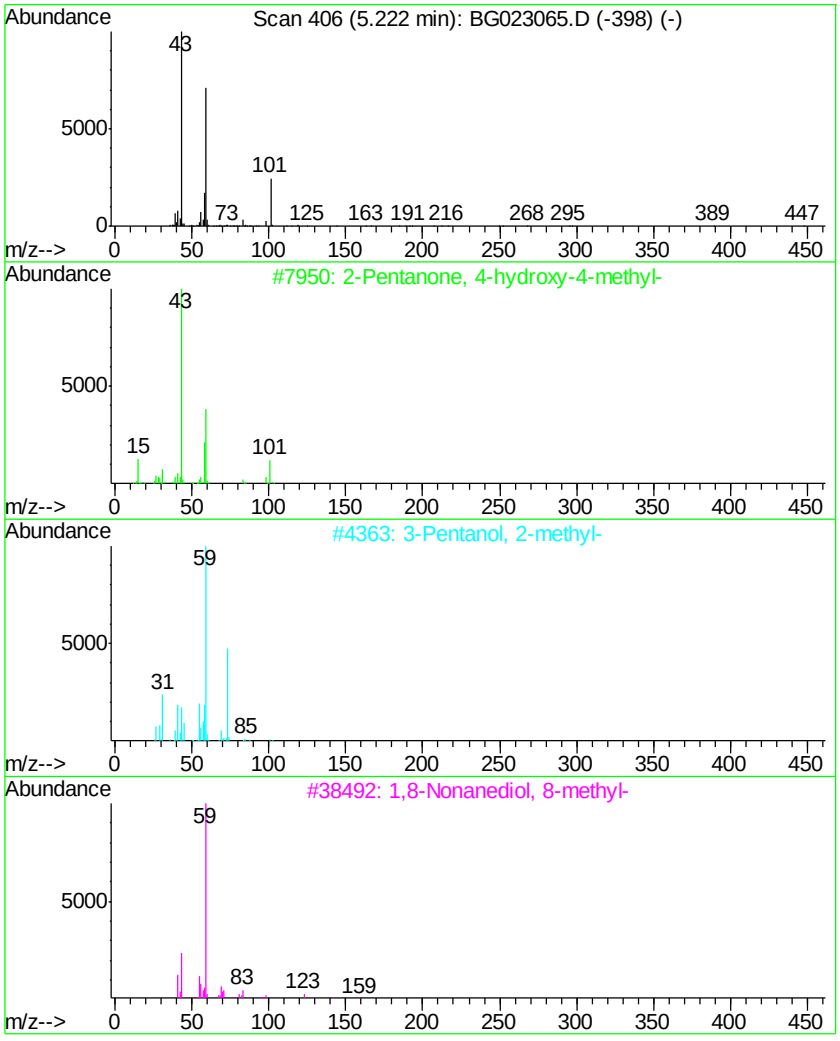
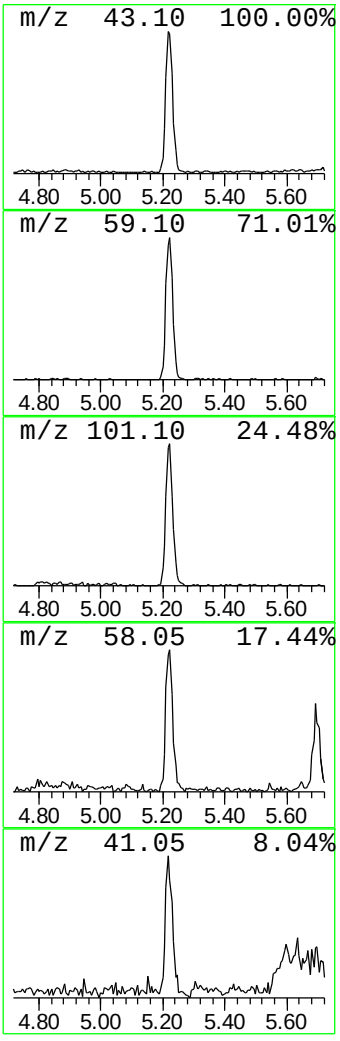
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	11.14 ng	464924	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	43
3	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
4	1,2-Butanediol, (.+/-.)-	90	C4H10O2	026171-83-5	37
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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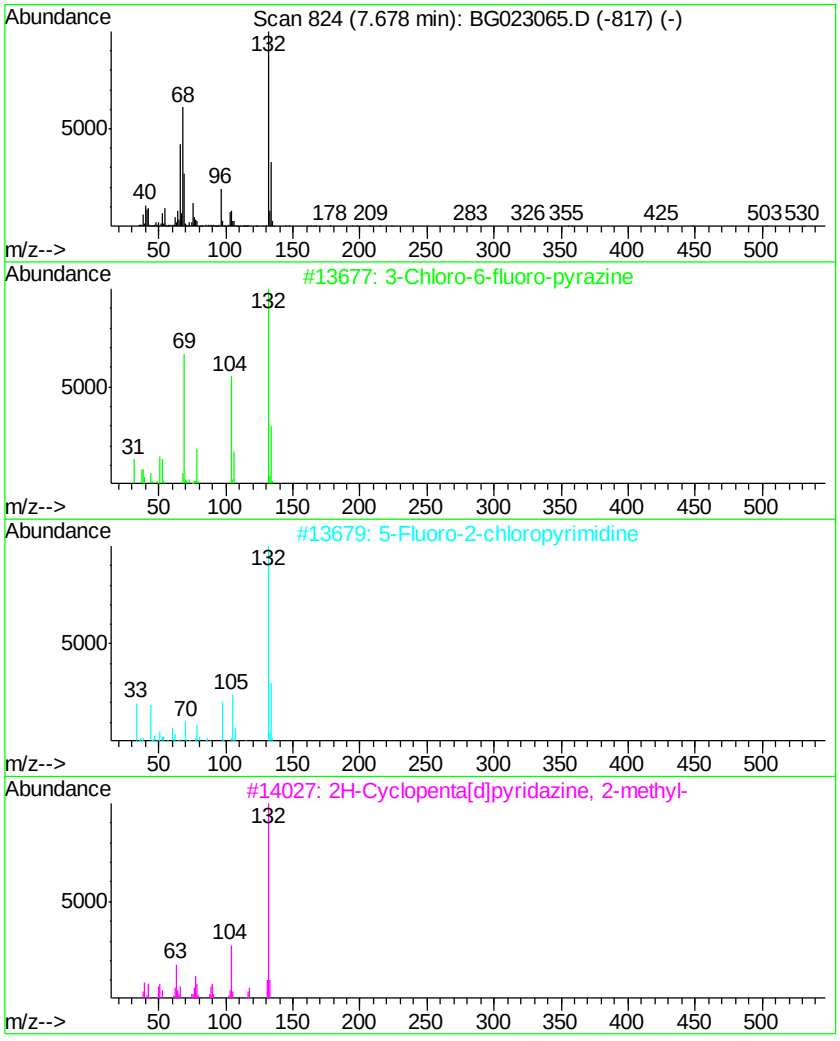
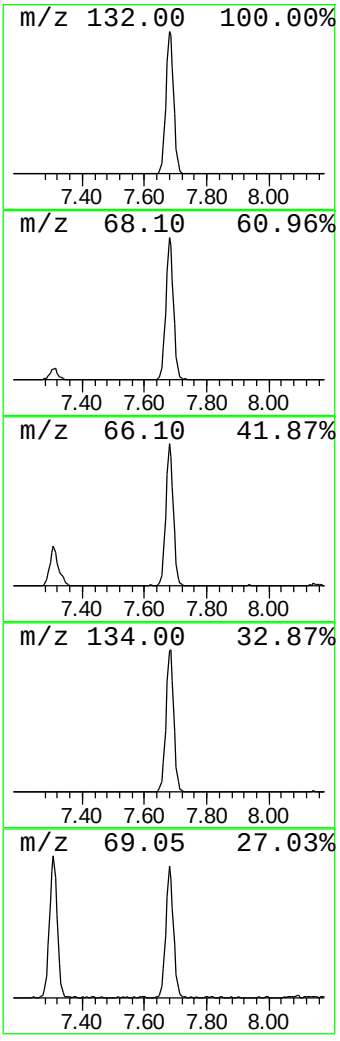
Peak Number 3 unknown7.68 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	77.38 ng	3229180	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	10
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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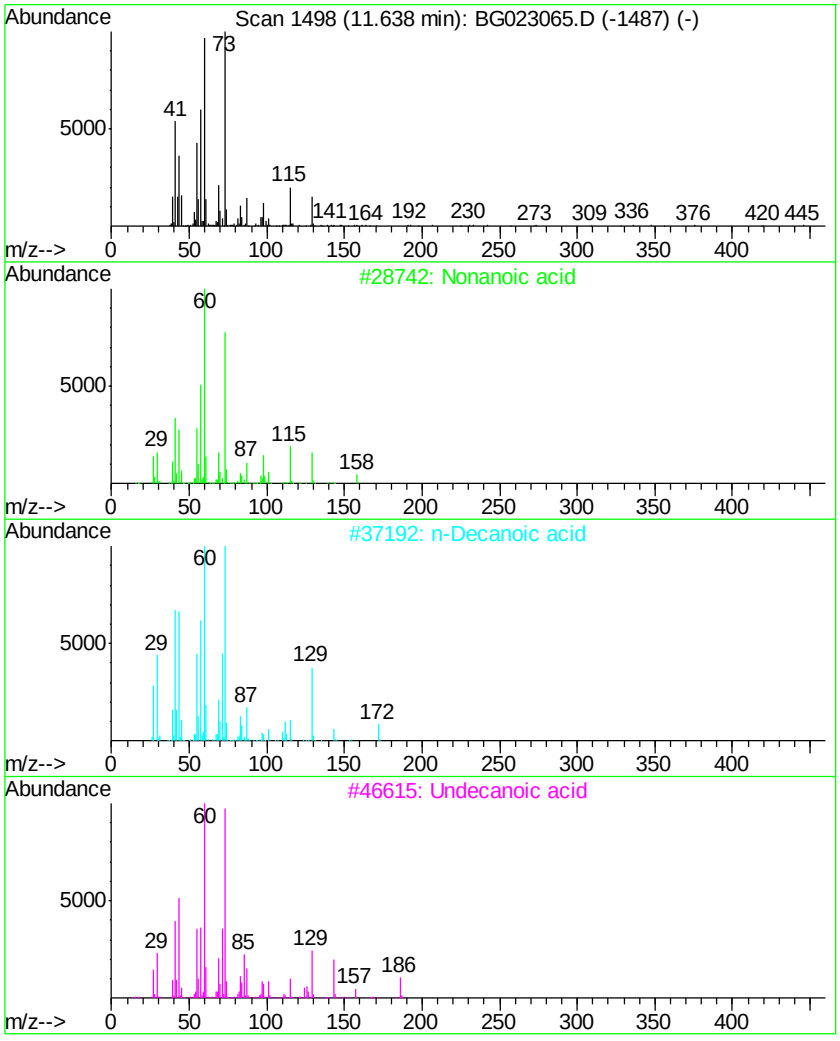
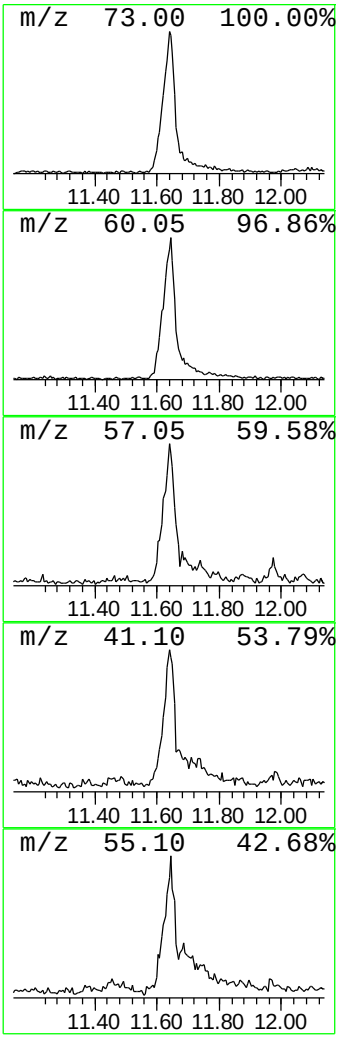
Peak Number 5 Nonanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	17.84 ng	1141170	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	64
3	Undecanoic acid	186	C11H22O2	000112-37-8	50
4	Hexanoic acid	116	C6H12O2	000142-62-1	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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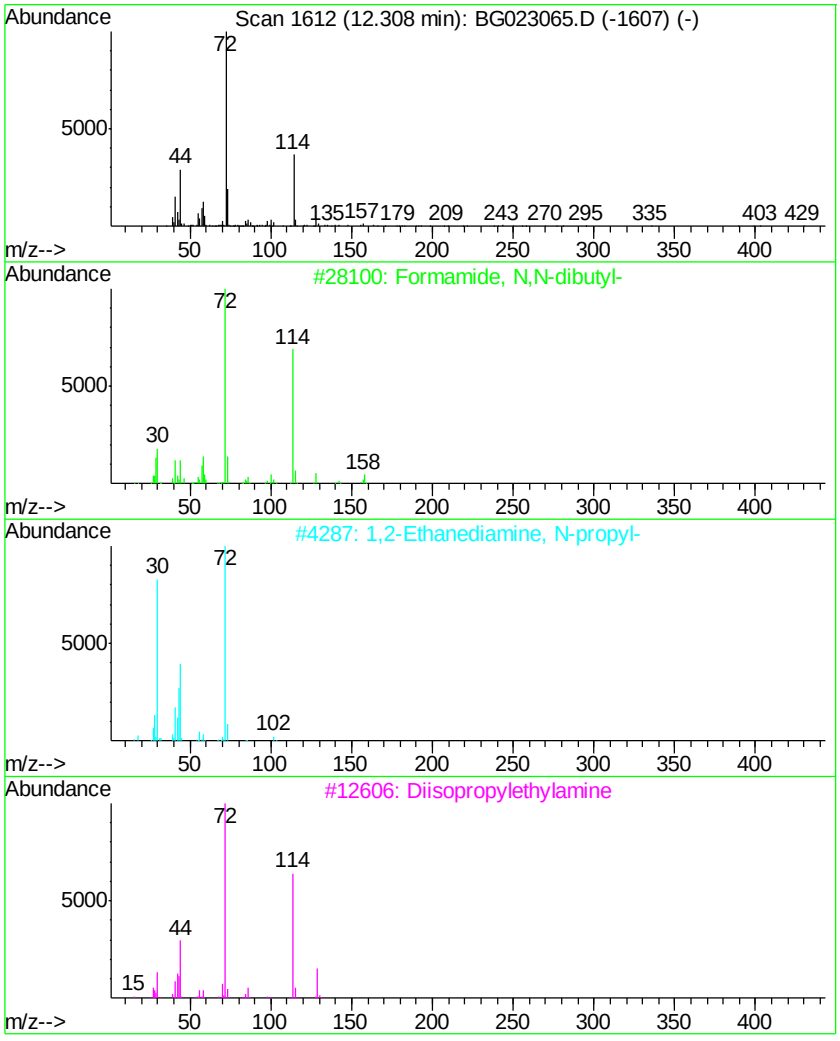
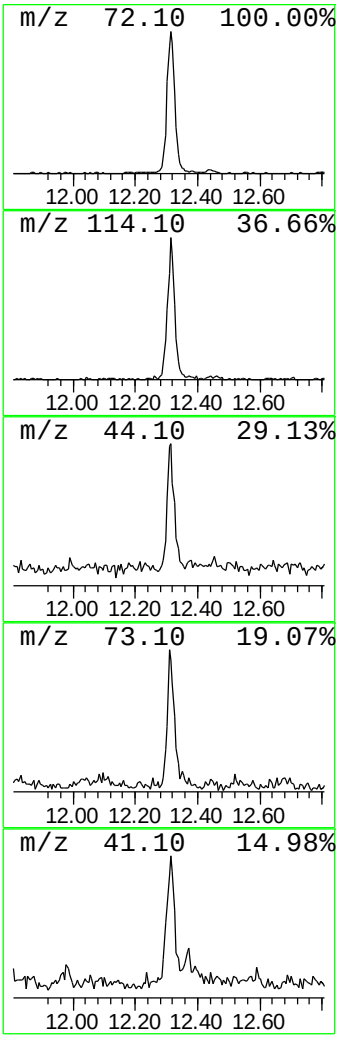
Peak Number 6 Formamide, N,N-dibutyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	8.30 ng	531135	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	72
2	1,2-Ethanediamine, N-propyl-	102	C5H14N2	000111-39-7	47
3	Diisopropylethylamine	129	C8H19N	007087-68-5	45
4	Isobutyl-propyl-amine	115	C7H17N	039190-66-4	43
5	N-Acetylnorvaline methylamide	172	C8H16N2O2	033067-46-8	39





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
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Instrument :
BNA_G
ClientSampleId :
SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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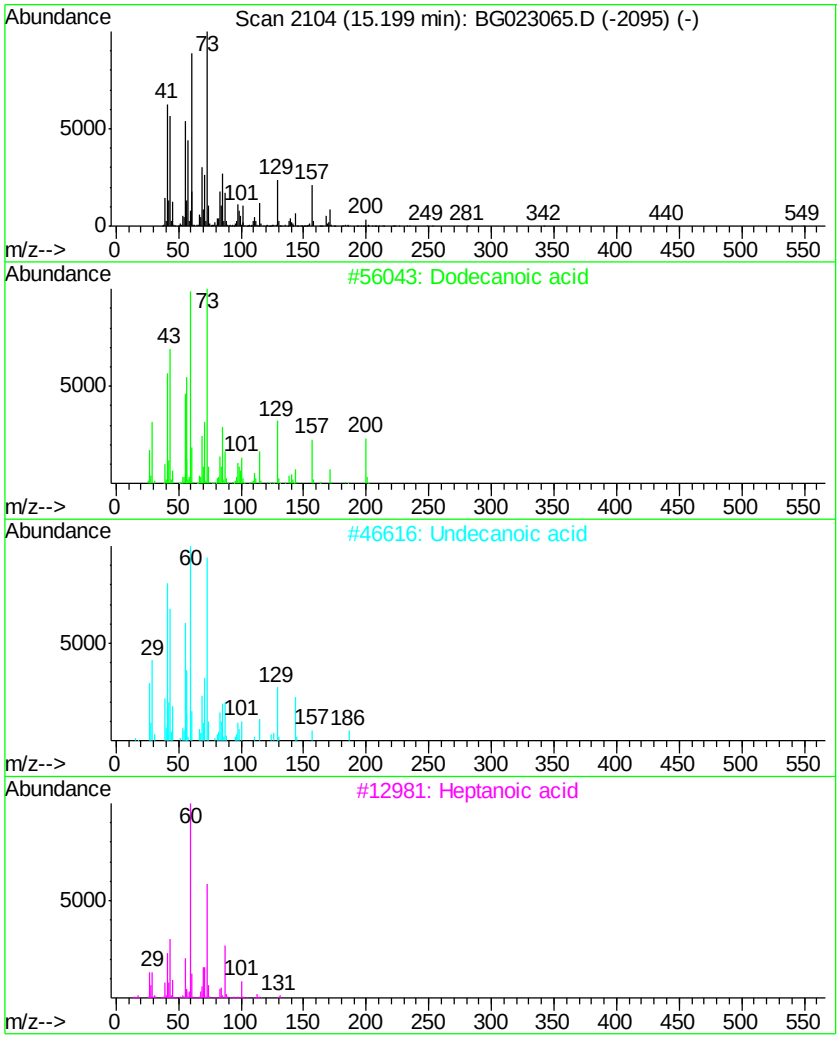
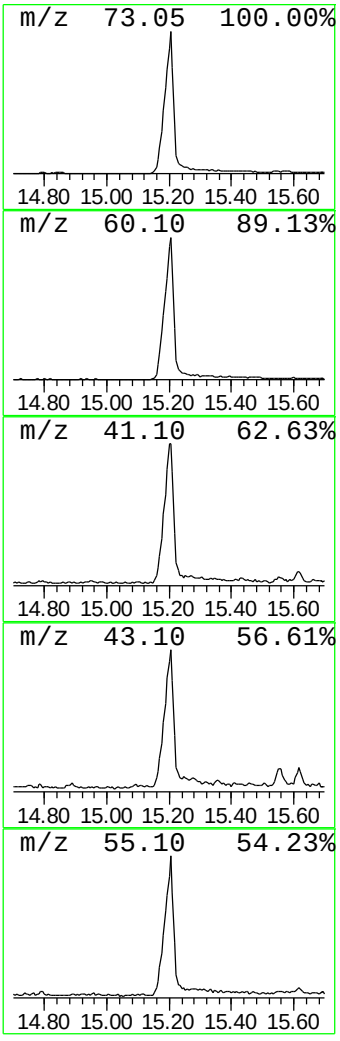
Peak Number 7 Dodecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.20	64.87 ng	5914270	Acenaphthene-d10	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Undecanoic acid	186	C11H22O2	000112-37-8	80
3	Heptanoic acid	130	C7H14O2	000111-14-8	47
4	Nonanoic acid	158	C9H18O2	000112-05-0	47
5	Octanoic Acid	144	C8H16O2	000124-07-2	46





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Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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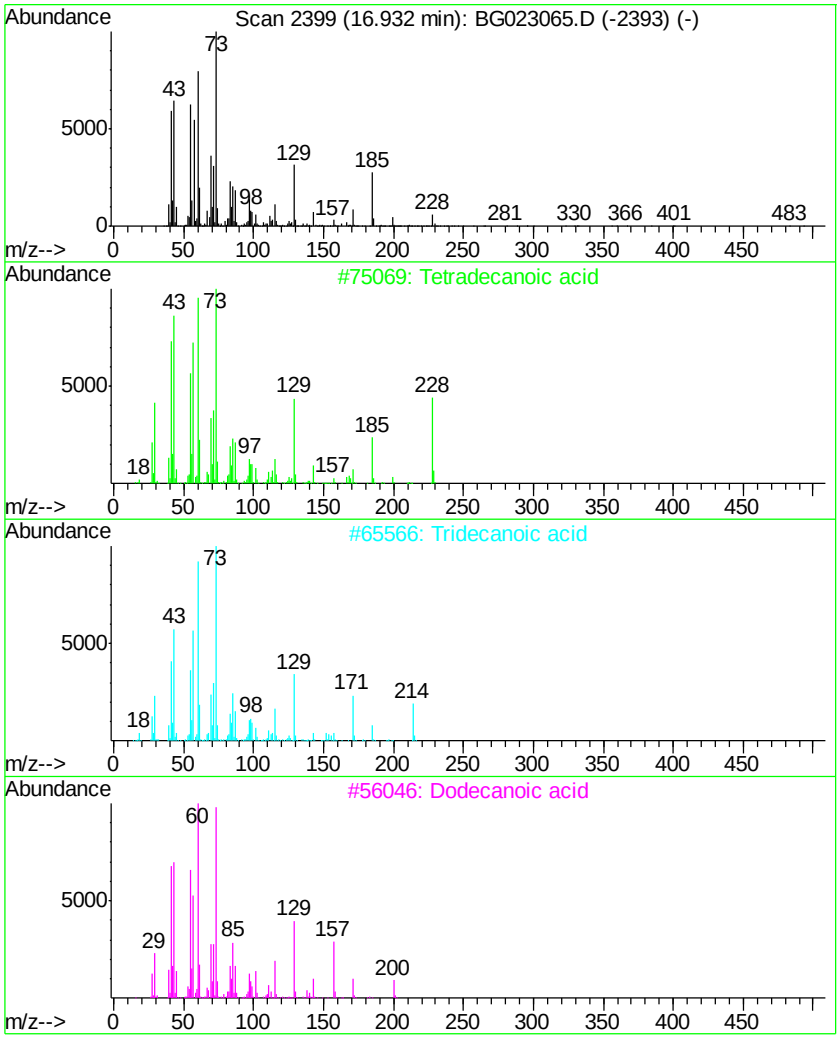
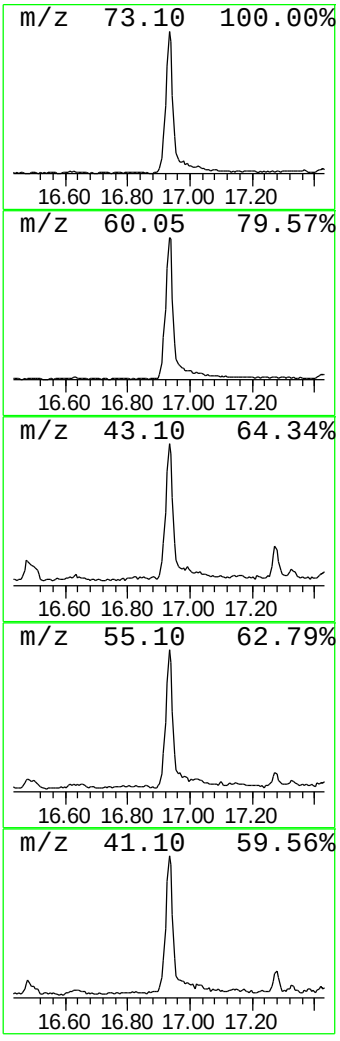
Peak Number 8 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	49.40 ng	5450170	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Dodecanoic acid	200	C12H24O2	000143-07-7	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	50
5	d-Glucohexodialdose	178	C6H10O6	1000149-19-1	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG071216\
Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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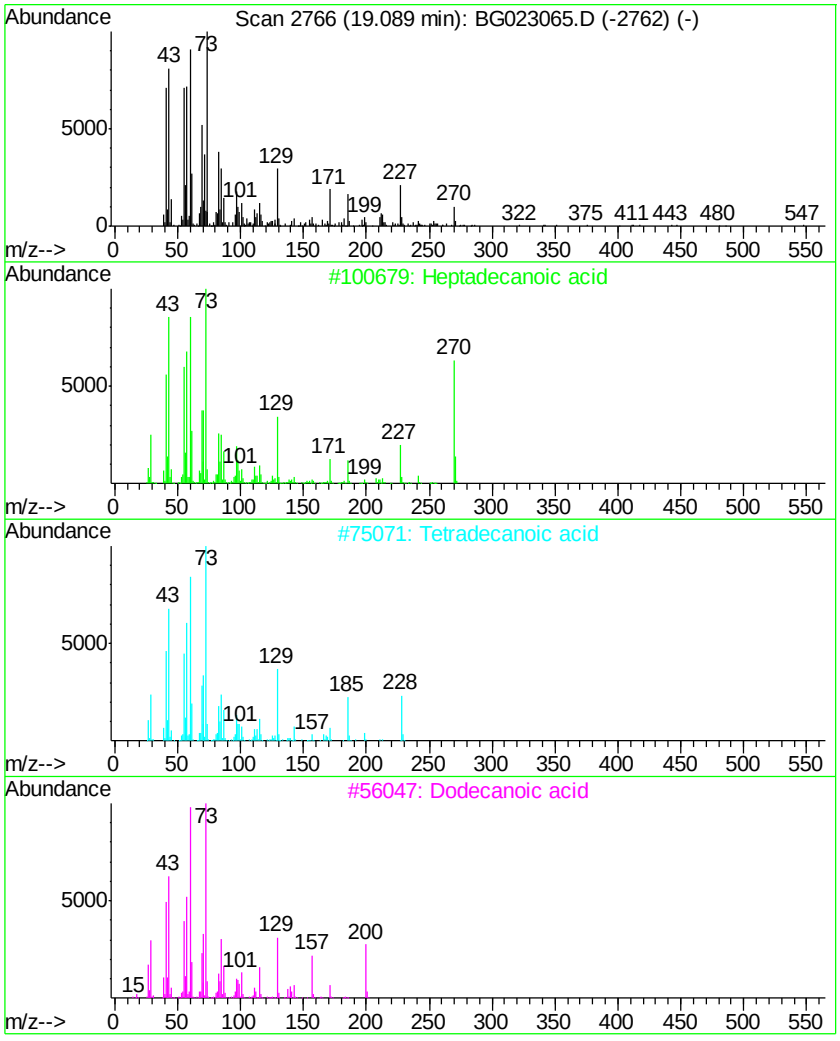
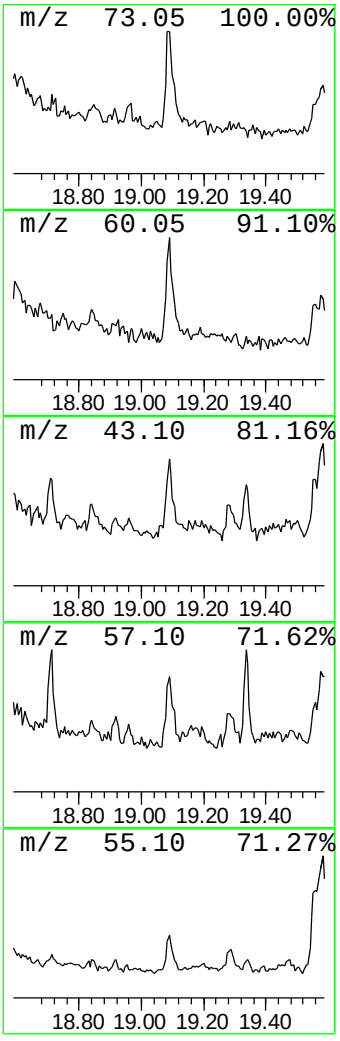
Peak Number 9 Heptadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.09	7.35 ng	811215	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Dodecanoic acid	200	C12H24O2	000143-07-7	70
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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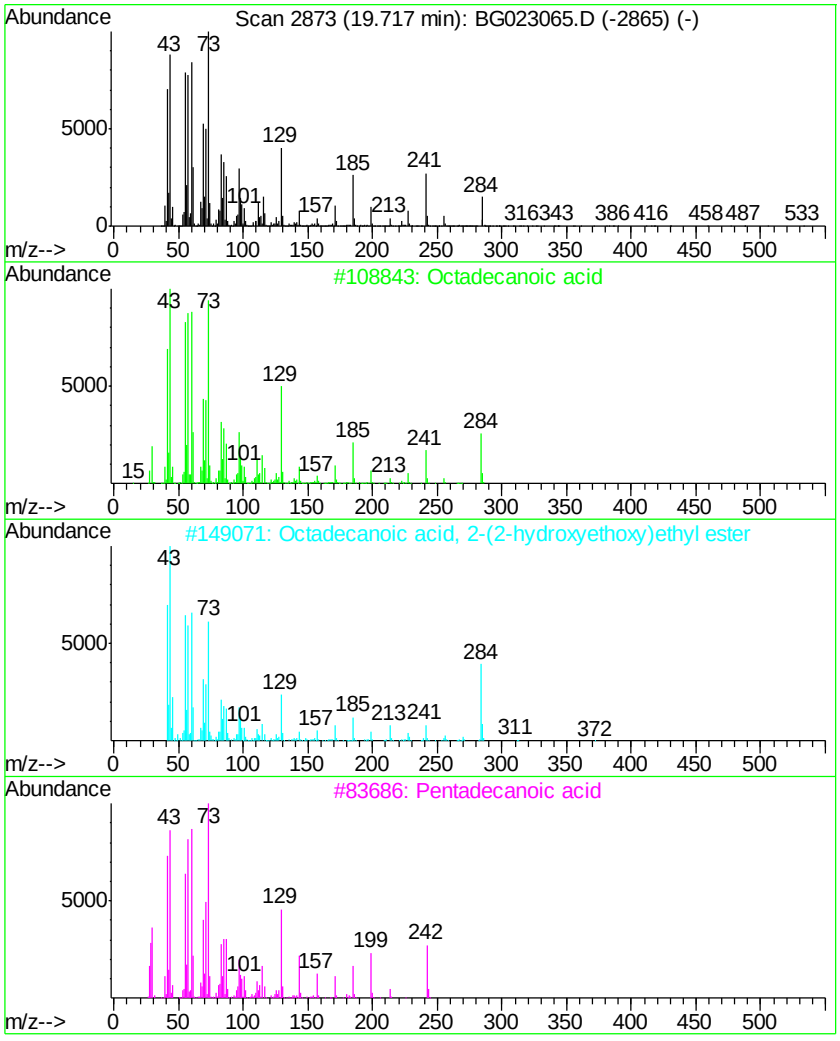
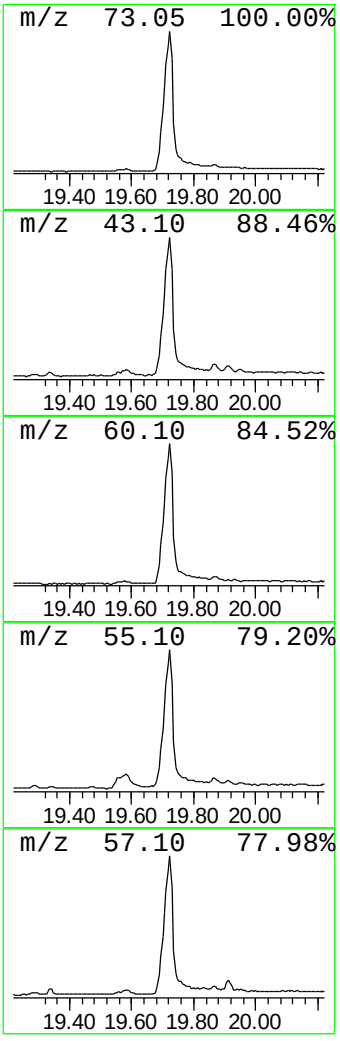
Peak Number 10 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.72	120.73 ng	36331300	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49





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Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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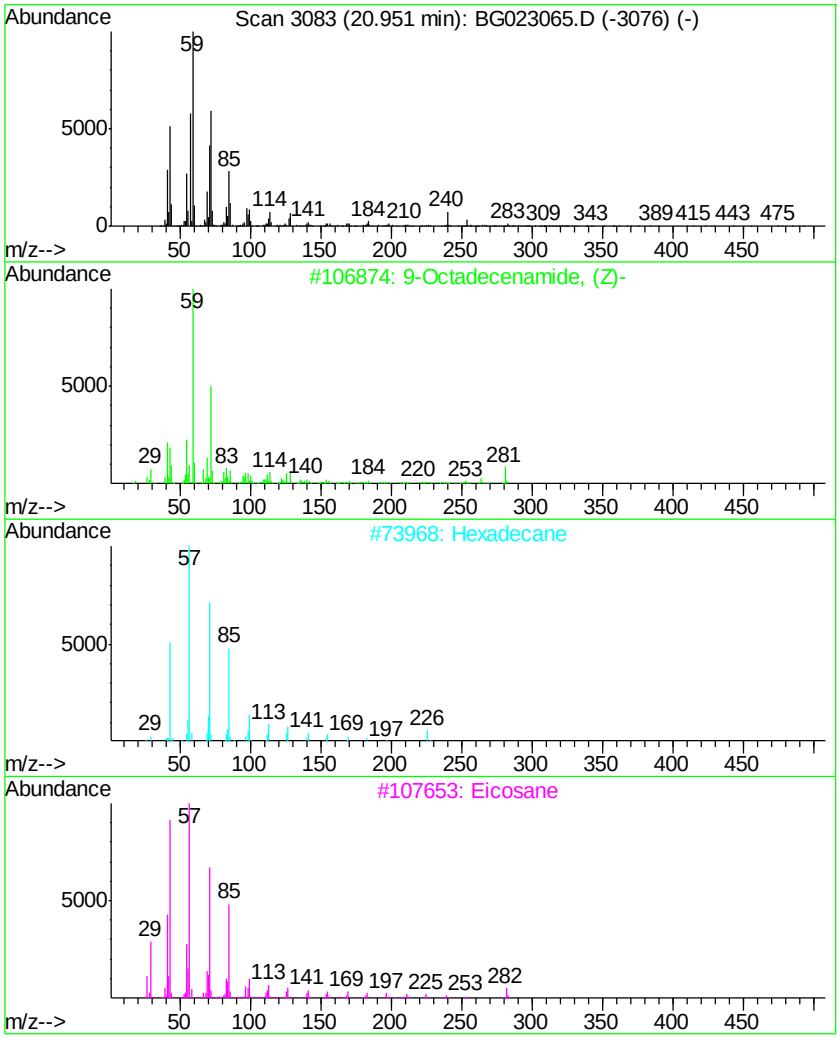
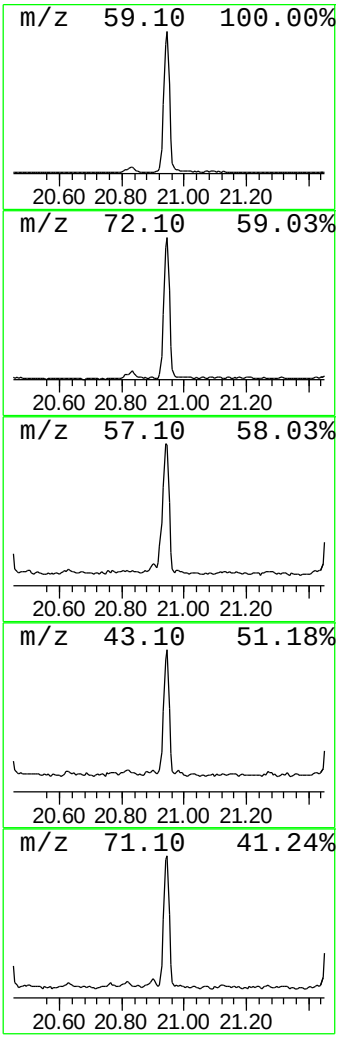
Peak Number 11 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	19.39 ng	5834890	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	58
2	Hexadecane	226	C16H34	000544-76-3	48
3	Eicosane	282	C20H42	000112-95-8	48
4	Octadecane	254	C18H38	000593-45-3	47
5	Heptadecane	240	C17H36	000629-78-7	38





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Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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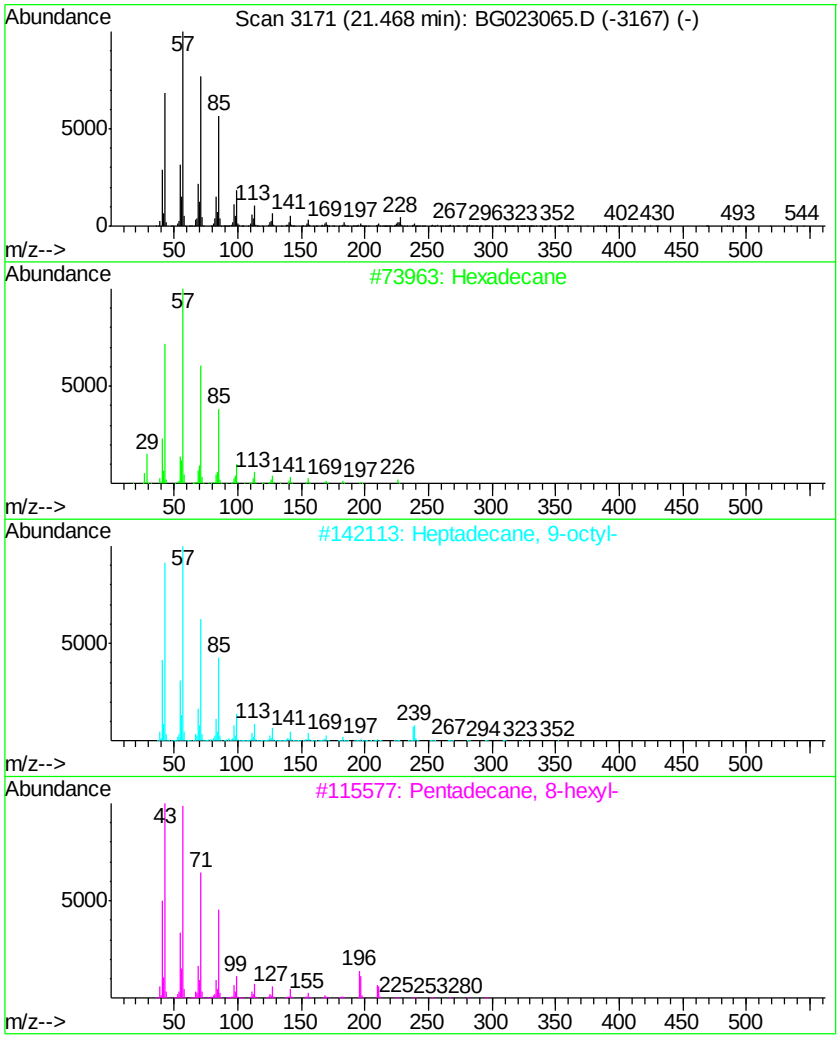
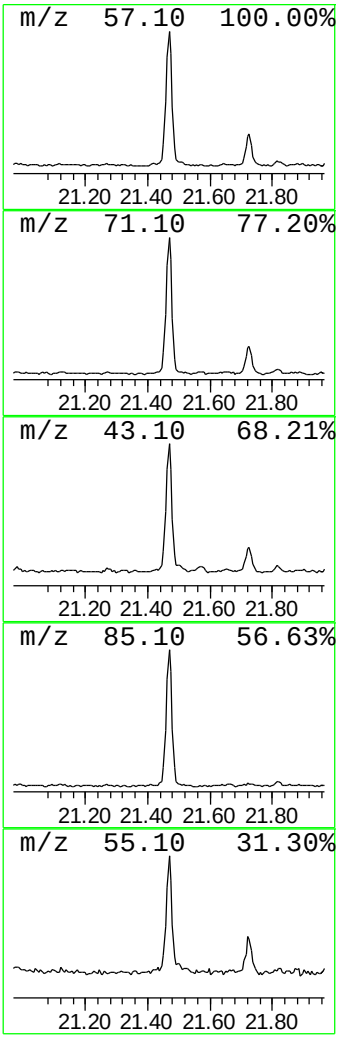
Peak Number 12 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	19.33 ng	5817300	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane	240	C17H36	000629-78-7	91





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Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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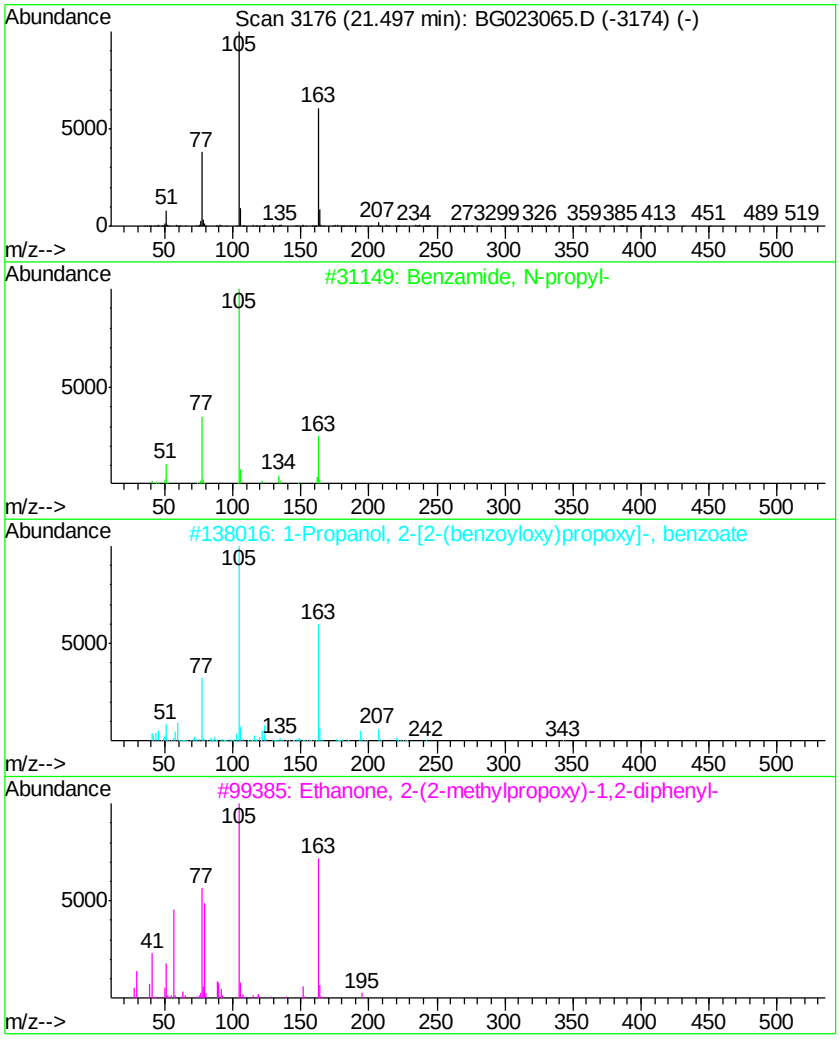
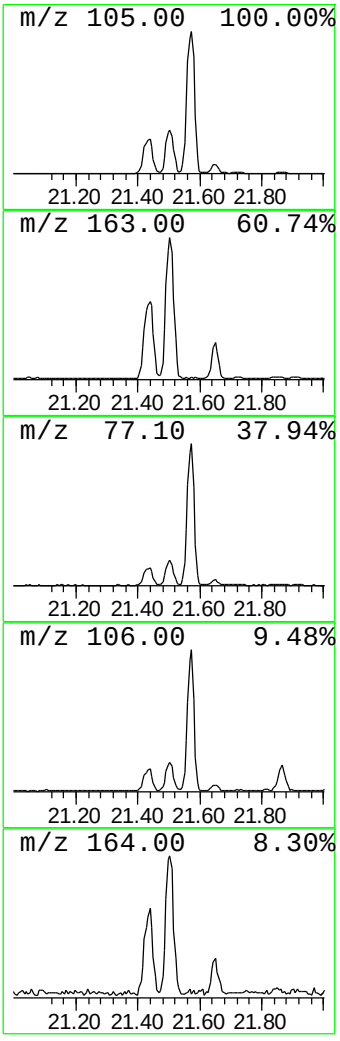
Peak Number 13 Benzamide, N-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	8.87 ng	2668080	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	78
2	1-Propanol, 2-[2-(benzoyloxy)pro...	342	C20H22O5	020109-39-1	64
3	Ethanone, 2-(2-methylpropoxy)-1,...	268	C18H20O2	022499-12-3	64
4	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
5	Glyoxylamide, N-phenyl-	163	C9H9NO2	032331-52-5	50





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Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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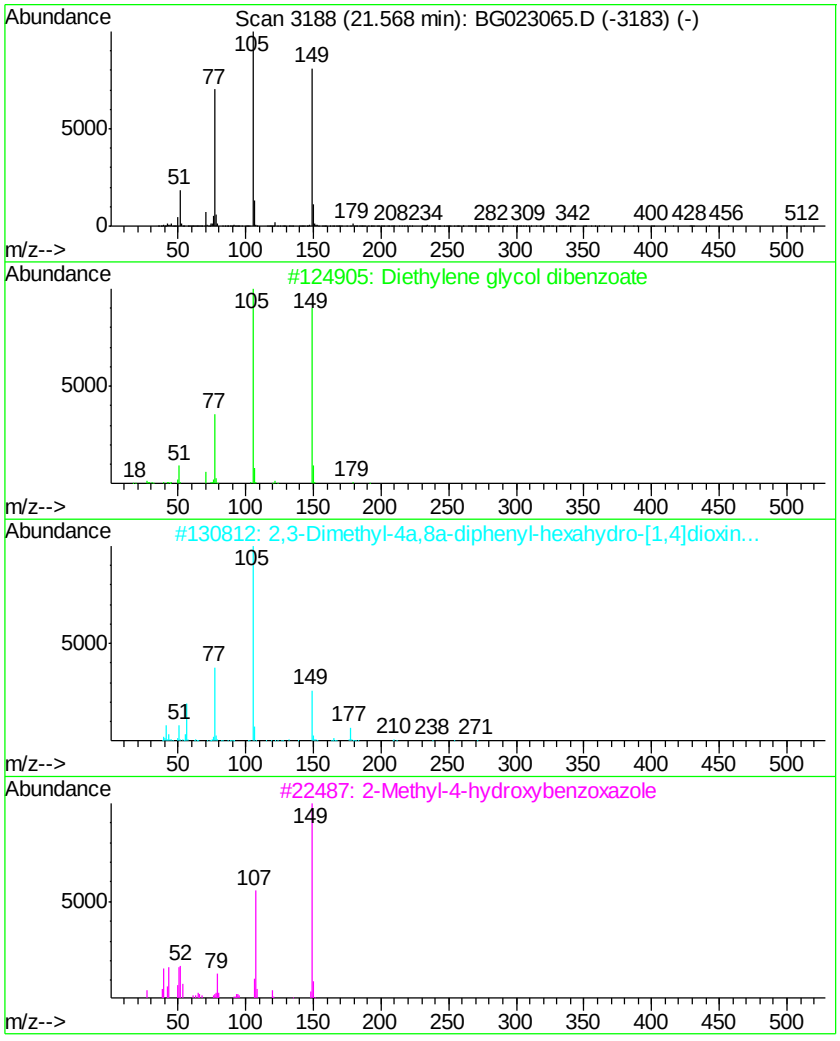
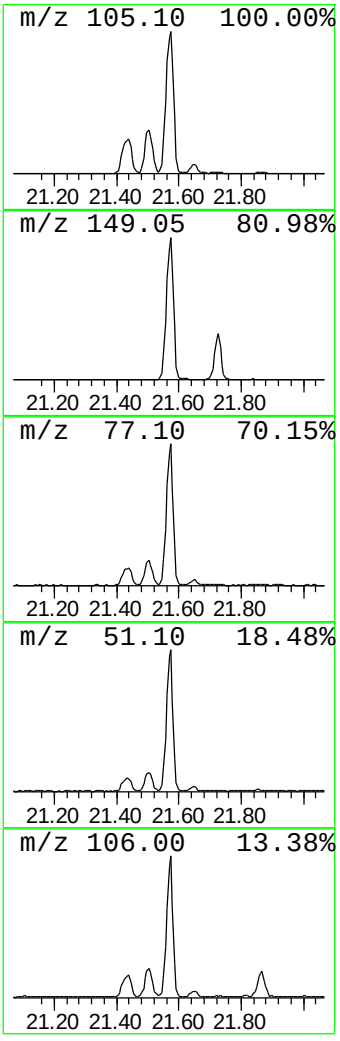
Peak Number 14 Diethylene glycol dibenzoate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.57	35.94 ng	10815000	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	72
2	2,3-Dimethyl-4a,8a-diphenyl-hexa...	326	C20H22O4	1000297-07-0	56
3	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	47
4	1,2-Benzenedicarboxylic acid, di...	250	C14H18O4	000131-16-8	38
5	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	38





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Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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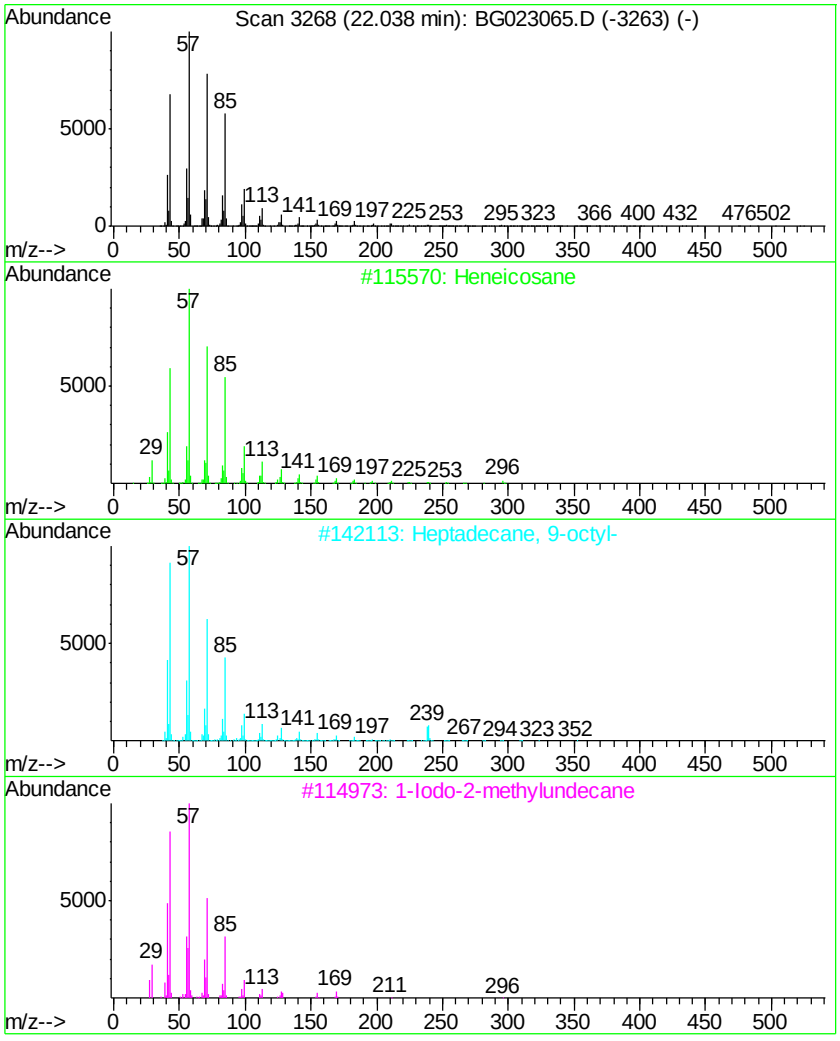
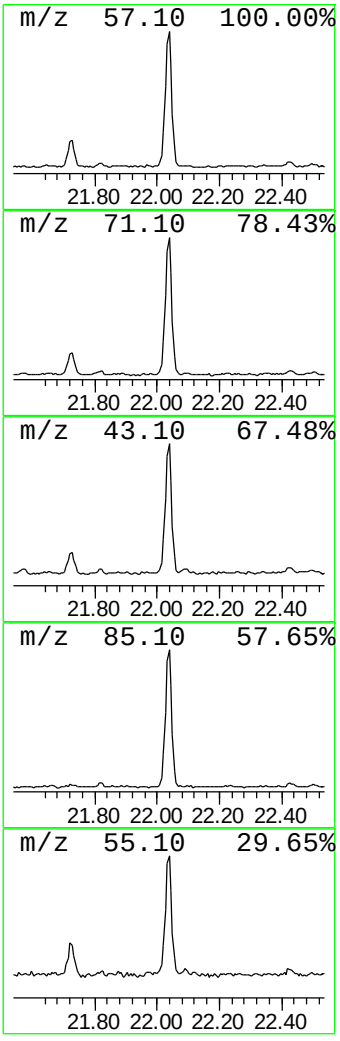
Peak Number 15 Heneicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.04	22.04 ng	6633310	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	87
4	Pentadecane	212	C15H32	000629-62-9	87
5	Nonadecane	268	C19H40	000629-92-5	87





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Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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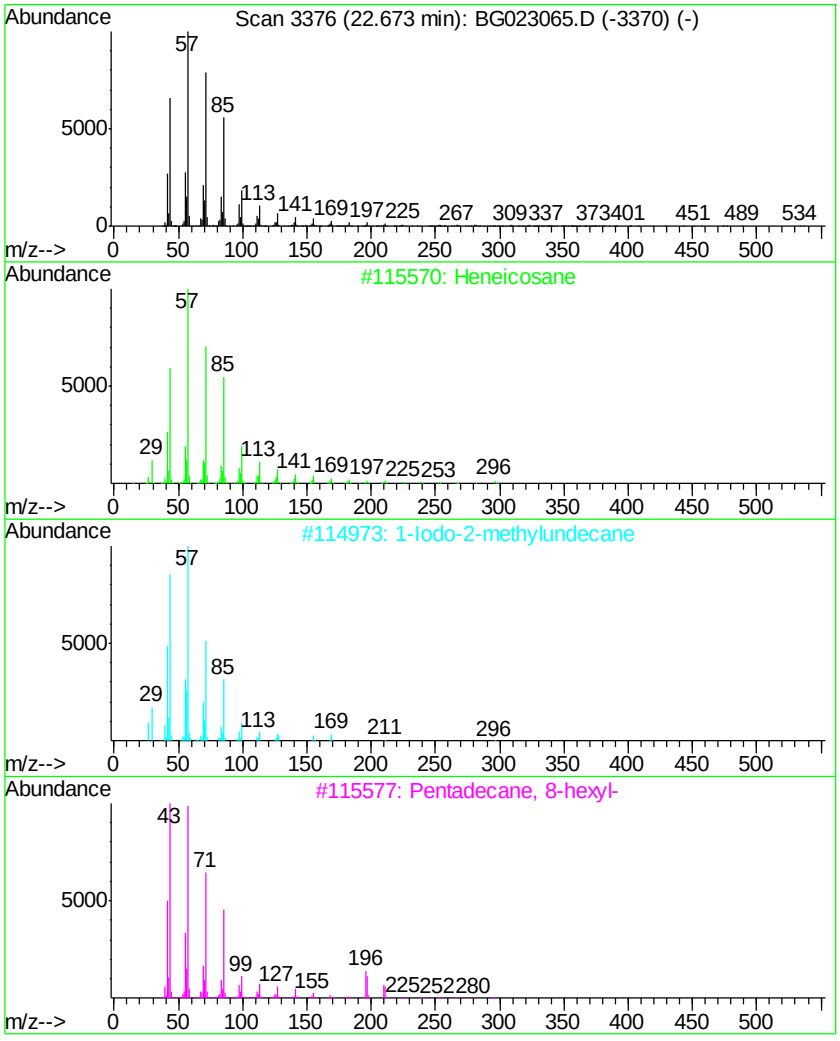
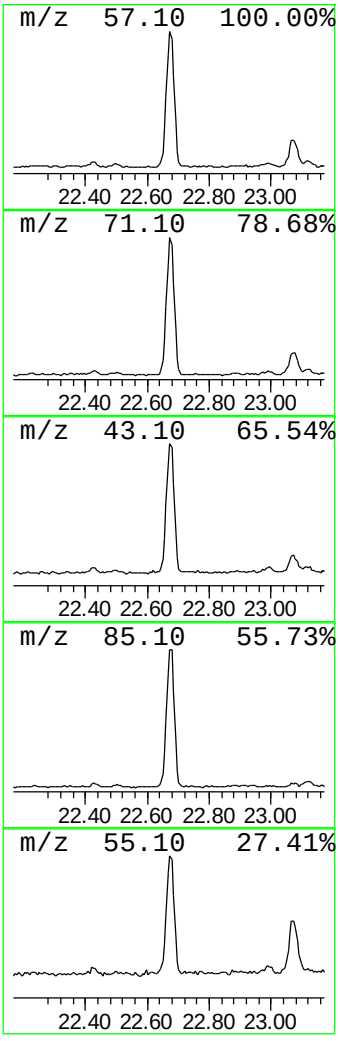
Peak Number 16 1-Iodo-2-methylundecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.67	26.95 ng	8111100	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93





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Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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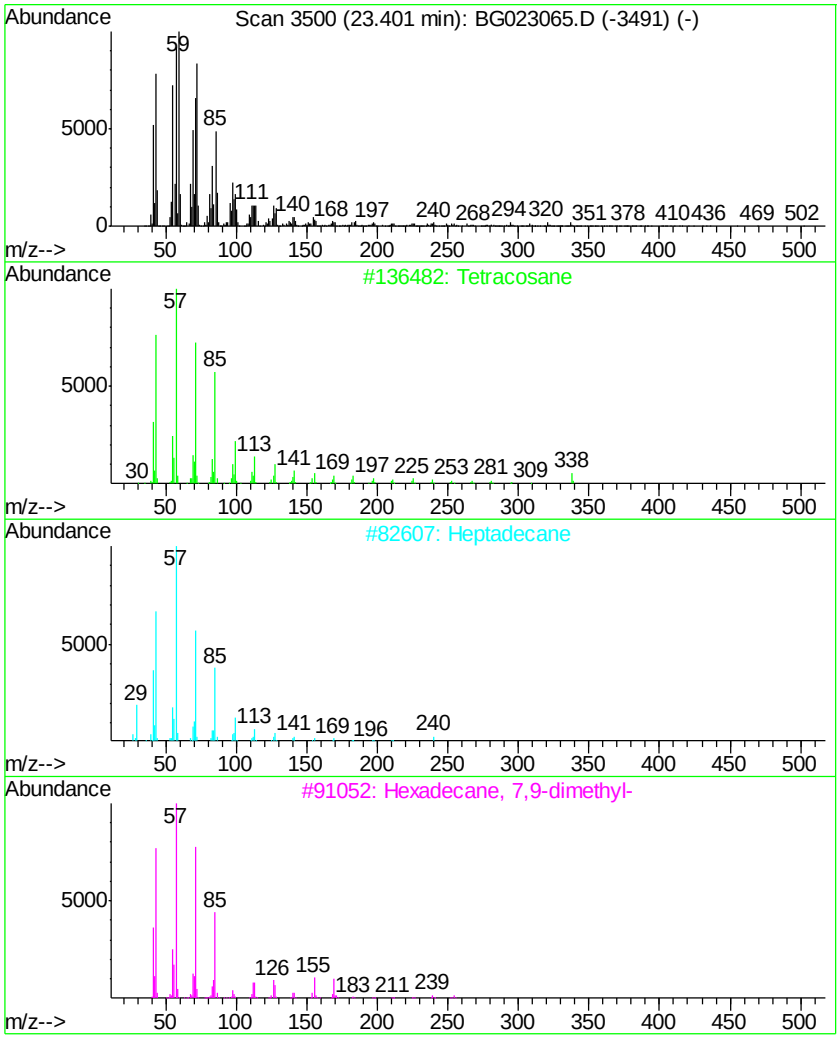
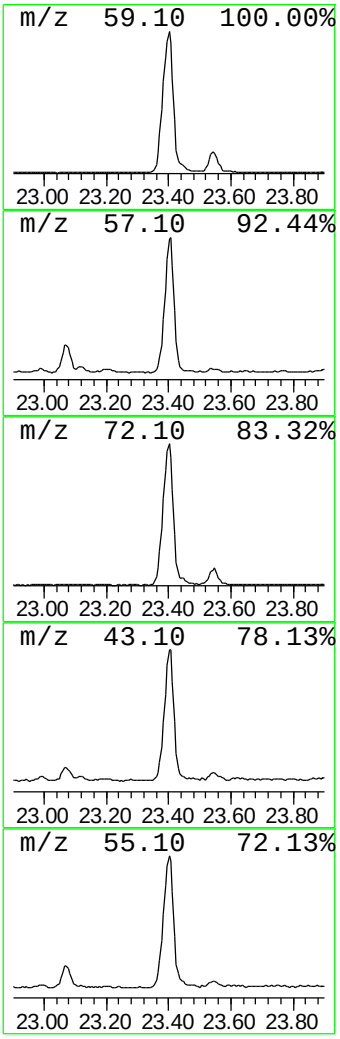
Peak Number 18 Tetracosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.40	78.55 ng	23638600	Chrysene-d12	21.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	64
2	Heptadecane	240	C17H36	000629-78-7	43
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	38
4	Tricosane, 2-methyl-	338	C24H50	001928-30-9	35
5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	35





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Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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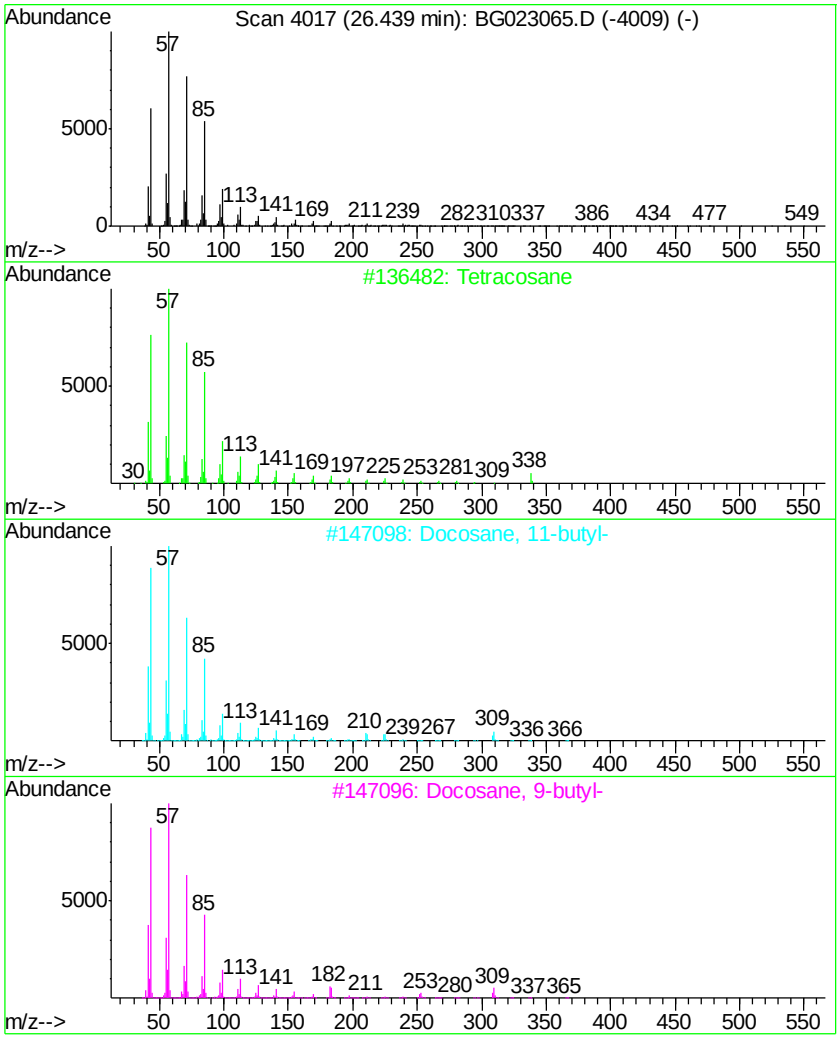
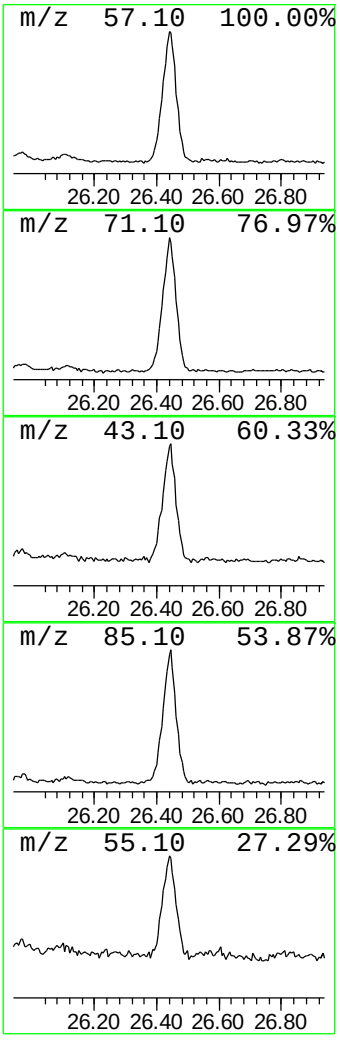
Peak Number 19 Docosane, 11-butyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.44	12.41 ng	5858080	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
4	Heneicosane	296	C21H44	000629-94-7	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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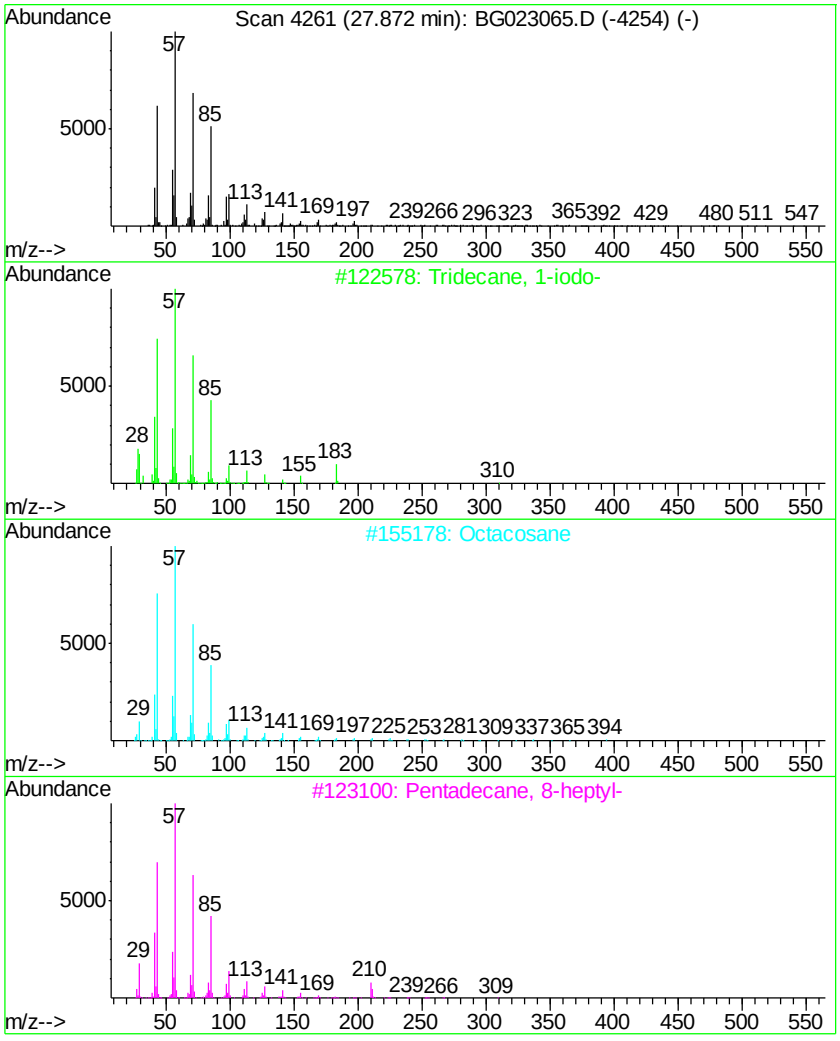
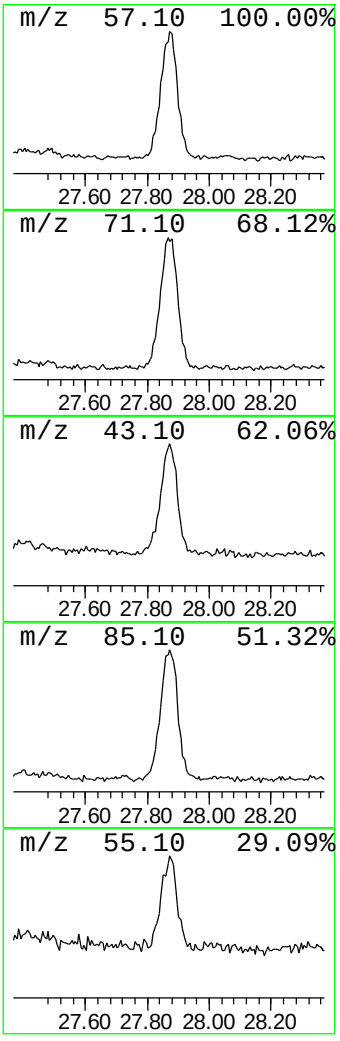
Peak Number 20 Tridecane, 1-iodo- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.87	8.58 ng	4048450	Perylene-d12	25.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	91
2	Octacosane	394	C28H58	000630-02-4	87
3	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Heptadecane	240	C17H36	000629-78-7	86





Tentatively Identified Compound (LSC) summary

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Data File : BG023065.D
Acq On : 13 Jul 2016 10:48
Operator : UM/SJ
Sample : H3936-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-4(4-5)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown3.04	3.04	227.8	ng	9506540	1	8.15	834647	20.0
2-Pentanone, 4-hy...	5.22	11.1	ng	464924	1	8.15	834647	20.0
unknown7.68	7.68	77.4	ng	3229180	1	8.15	834647	20.0
Nonanoic acid	11.64	17.8	ng	1141170	2	10.98	1279420	20.0
Formamide, N,N-di...	12.31	8.3	ng	531135	2	10.98	1279420	20.0
Dodecanoic acid	15.20	64.9	ng	5914270	3	14.80	1823430	20.0
Tetradecanoic acid	16.93	49.4	ng	5450170	4	17.56	2206600	20.0
Heptadecanoic acid	19.09	7.3	ng	811215	4	17.56	2206600	20.0
Octadecanoic acid	19.72	120.7	ng	36331300	5	21.87	6018620	20.0
9-Octadecenamide,...	20.95	19.4	ng	5834890	5	21.87	6018620	20.0
Hexadecane	21.47	19.3	ng	5817300	5	21.87	6018620	20.0
Benzamide, N-propyl-	21.50	8.9	ng	2668080	5	21.87	6018620	20.0
Diethylene glycol...	21.57	35.9	ng	10815000	5	21.87	6018620	20.0
Heneicosane	22.04	22.0	ng	6633310	5	21.87	6018620	20.0
1-Iodo-2-methylun...	22.67	26.9	ng	8111100	5	21.87	6018620	20.0
Tetracosane	23.40	78.5	ng	23638600	5	21.87	6018620	20.0
Docosane, 11-butyl-	26.44	12.4	ng	5858080	6	25.26	9438110	20.0
Tridecane, 1-iodo-	27.87	8.6	ng	4048450	6	25.26	9438110	20.0