LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

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-BG083116.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	2.920	9	14	27	rVB	2183330	3002440	14.59%	1.557%
2	5.112	383	387	396	rVB	239877	344169	1.67%	0.178%
3	5.599	464	470	479	rBV	605268	1010448	4.91%	0.524%
4	7.221	739	746	758	rBV	770954	1454917	7.07%	0.755%
5	7.579	800	807	821	rBV	755957	1299696	6.32%	0.674%
6	8.049	878	887	895	rVB	206152	379182	1.84%	0.197%
7	8.372	935	942	949	rBV	625946	1074860	5.22%	0.557%
8	9.230	1080	1088	1098	rBV	588714	1058186	5.14%	0.549%
9	10.880	1359	1369	1384	rBV	266683	517907	2.52%	0.269%
10	13.336	1776	1787	1797	rBV	1566867	2468222	11.99%	1.280%
11	14.170	1924	1929	1937	rBV	308583	465824	2.26%	0.242%
12	14.722	2017	2023	2030	rVB	524491	793972	3.86%	0.412%
13	15.139	2087	2094	2108	rBV	696944	1310691	6.37%	0.680%
14	16.226	2272	2279	2291	rBV	878148	1398331	6.80%	0.725%
15	16.349	2295	2300	2306	rVV	210985	272551	1.32%	0.141%
16	16.866	2383	2388	2405	rBV	456418	763900	3.71%	0.396%
17	17.489	2488	2494	2499	rBV	700742	1075497	5.23%	0.558%
18	18.382	2638	2646	2666	rBV	4249979	8460333	41.11%	4.388%
19	19.492	2831	2835	2837	rBV2	455239	609368	2.96%	0.316%
20	19.522	2837	2840	2850	rVB2	413056	890872	4.33%	0.462%
21	19.645	2855	2861	2875	rBV	4124375	6940411	33.73%	3.599%
22	20.097	2933	2938	2945	rVB	3386475	4166038	20.24%	2.161%
23	20.379	2981	2986	2993	rBV	2564415	2853939	13.87%	1.480%
24	20.755	3046	3050	3057	rVB6	134113	241327	1.17%	0.125%
25	20.879	3066	3071	3076	rBV	8107053	9229853	44.85%	4.787%
26	21.401	3147	3160	3164	rBV2	11996734	18382967	89.33%	9.534%
27	21.437	3164	3166	3171	rVV	1505402	2034280	9.89%	1.055%
28	21.513	3171	3179	3184	rVV	7274739	12539788	60.94%	6.503%
29	21.578	3186	3190	3197	rVB	358716	496405	2.41%	0.257%
30	21.736	3213	3217	3221	rBV	290806	380035	1.85%	0.197%
31	21.795	3222	3227	3234	rVB	752391	1258089	6.11%	0.652%
32	21.965	3247	3256	3261	rBV	12304111	18648425	90.62%	9.671%
33	22.335	3314	3319	3325	rVB2	407431	666790	3.24%	0.346%
34	22.406	3327	3331	3337	rVB	160288	229964	1.12%	0.119%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

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-BG083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	22.594	3353	3363	3368	rBV	11616064	20578231	100.00%	10.672%
36	22.976	3421	3428	3433	rBV	3044205	5784993	28.11%	3.000%
37	23.093	3444	3448	3454	rVB2	189234	324676	1.58%	0.168%
38	23.299	3473	3483	3499	rVB	8517094	18135901	88.13%	9.405%
39	23.786	3561	3566	3575	rVB	419449	830215	4.03%	0.431%
40	23.892	3579	3584	3590	rVB2	234328	483902	2.35%	0.251%
41	24.133	3613	3625	3638	rVB	6298754	14609382	70.99%	7.577%
42	24.703	3716	3722	3731	rVB3	387494	921367	4.48%	0.478%
43	25.102	3778	3790	3810	rBV2	3460834	10458590	50.82%	5.424%
44	26.259	3975	3987	3999	rVB	2242258	6678406	32.45%	3.463%
45	27.646	4211	4223	4238	rVB3	1021024	3926512	19.08%	2.036%
46	29.320	4498	4508	4527	rVB3	530580	2345079	11.40%	1.216%
47	31.341	4845	4852	4868	rVB4	228322	1027641	4.99%	0.533%

Sum of corrected areas: 192824572

LSC Report - Integrated Chromatogram

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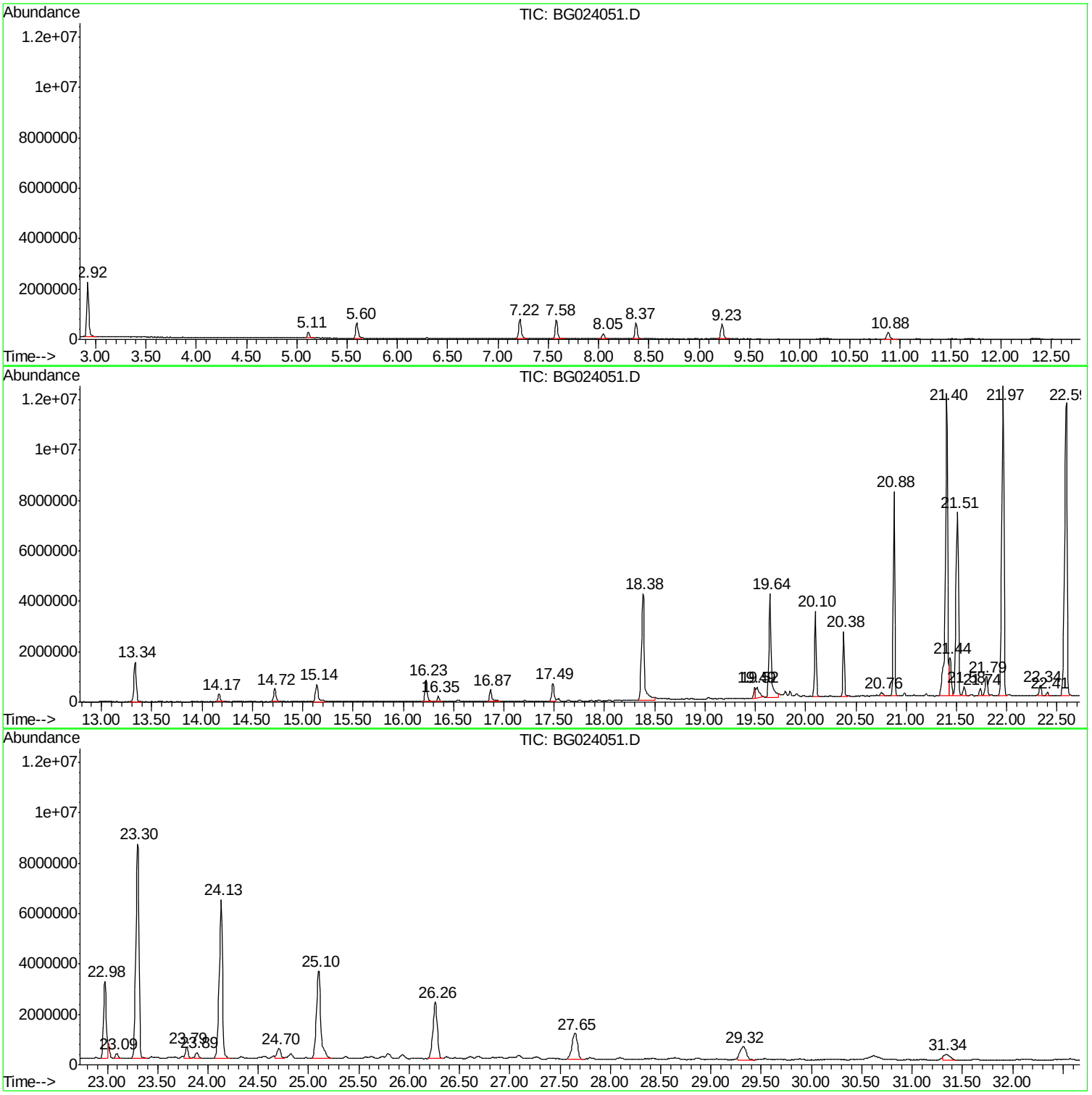
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

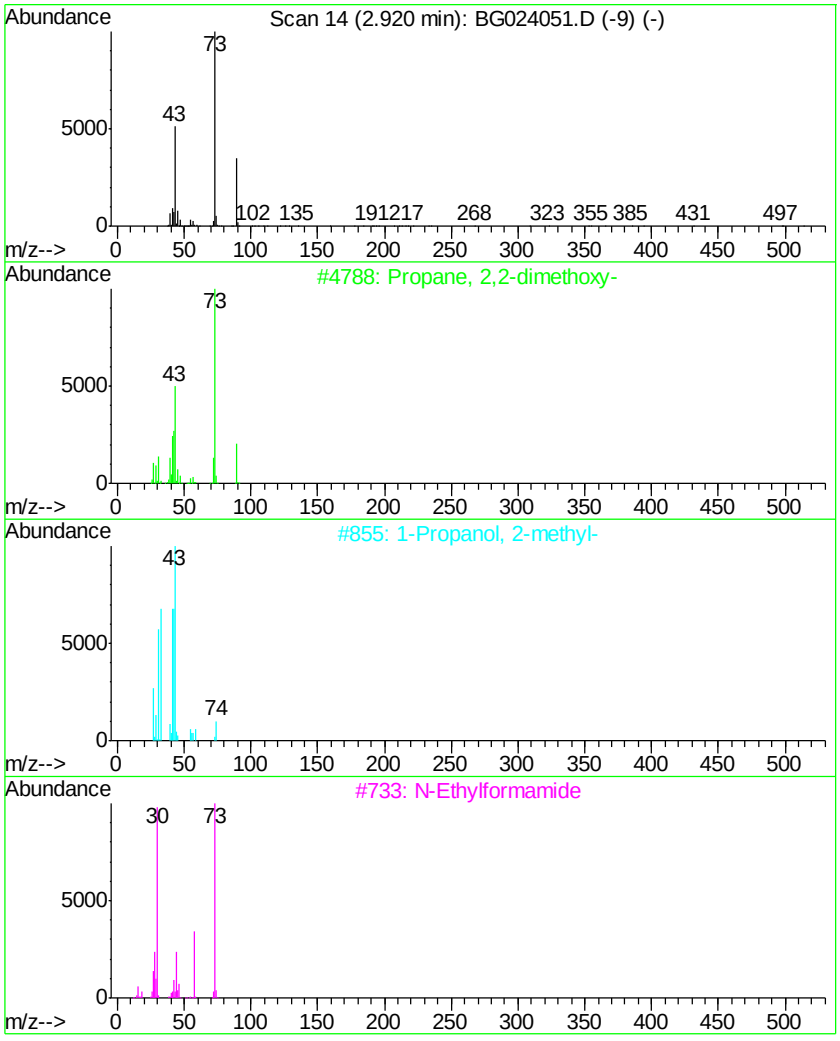
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

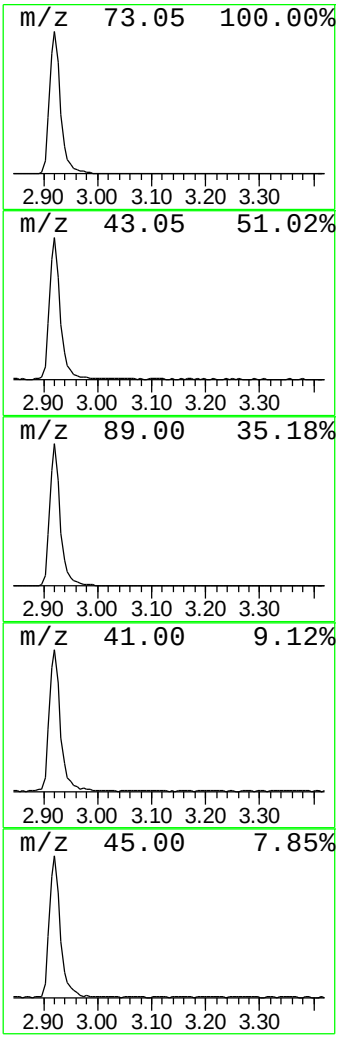
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	158.36 ng	3002440	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

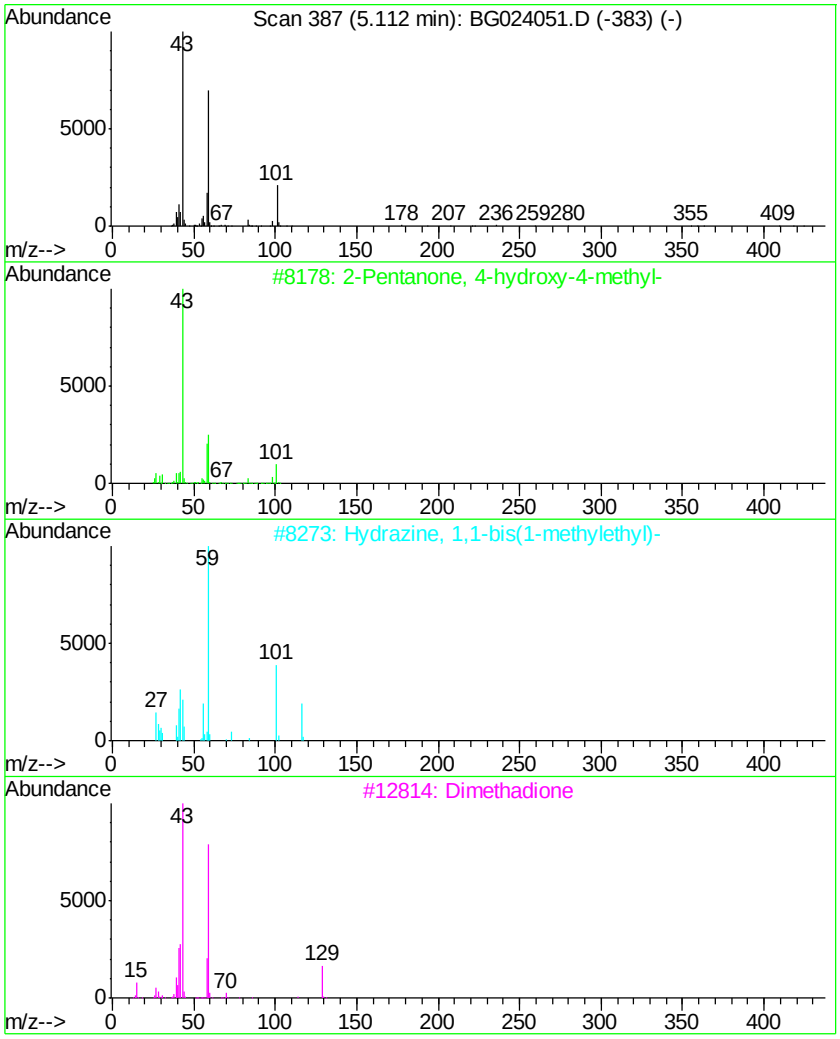
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

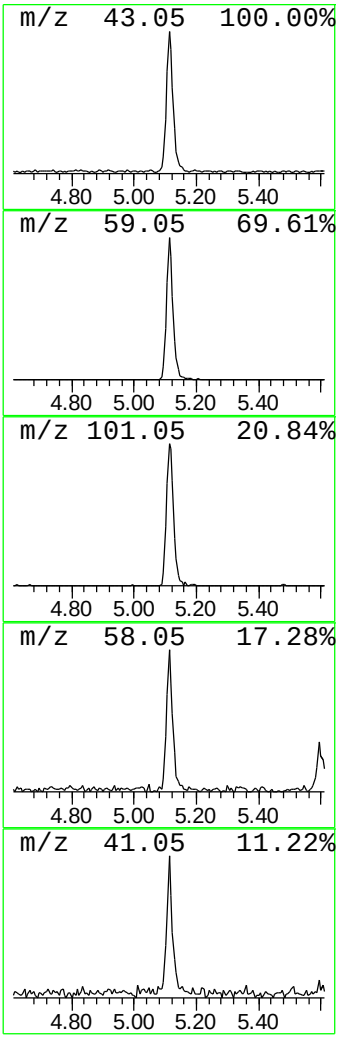
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	18.15 ng	344169	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	37
3	Dimethadione	129	C5H7NO3	000695-53-4	33
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	22
5	1-Butene, 4-ethoxy-	100	C6H12O	044611-46-3	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

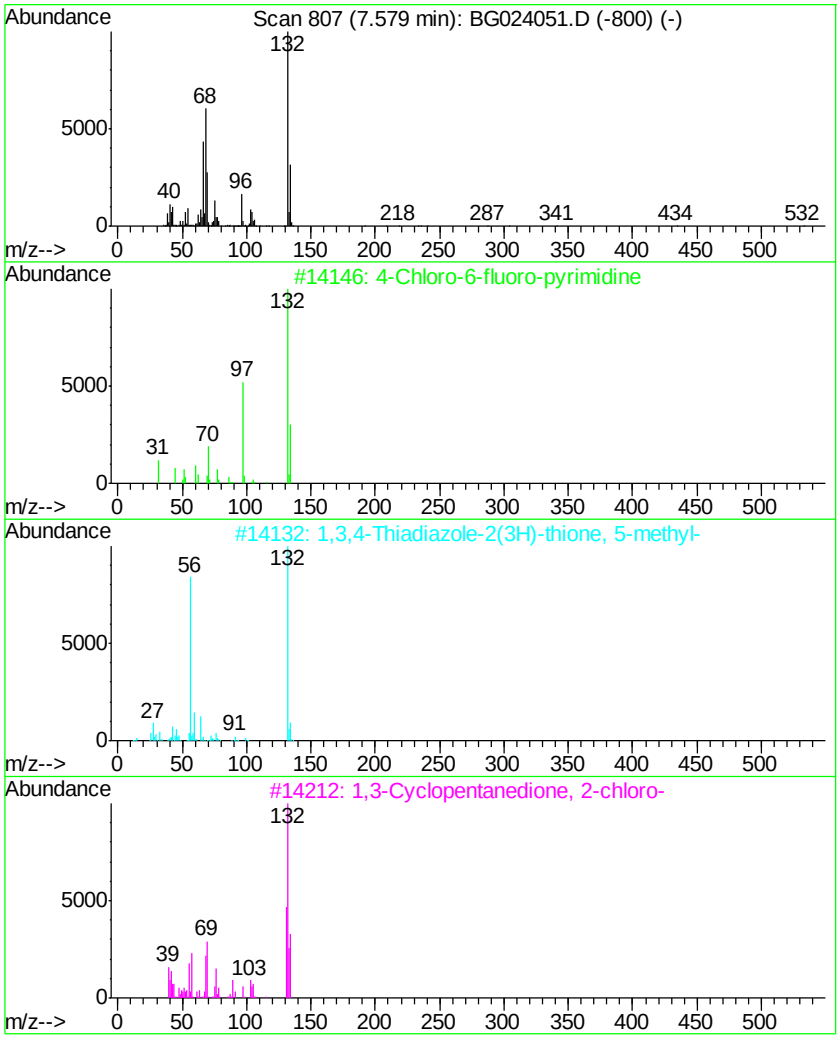
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

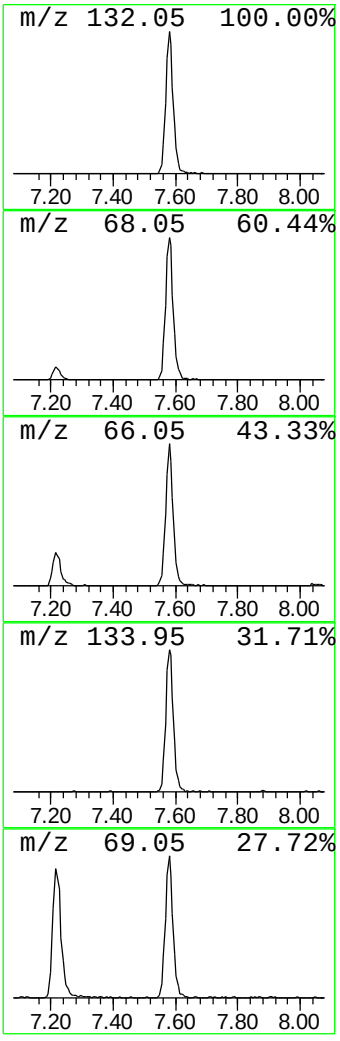
****

Peak Number 3 unknown7.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	68.55 ng	1299700	1,4-Dichlorobenzene-d4	8.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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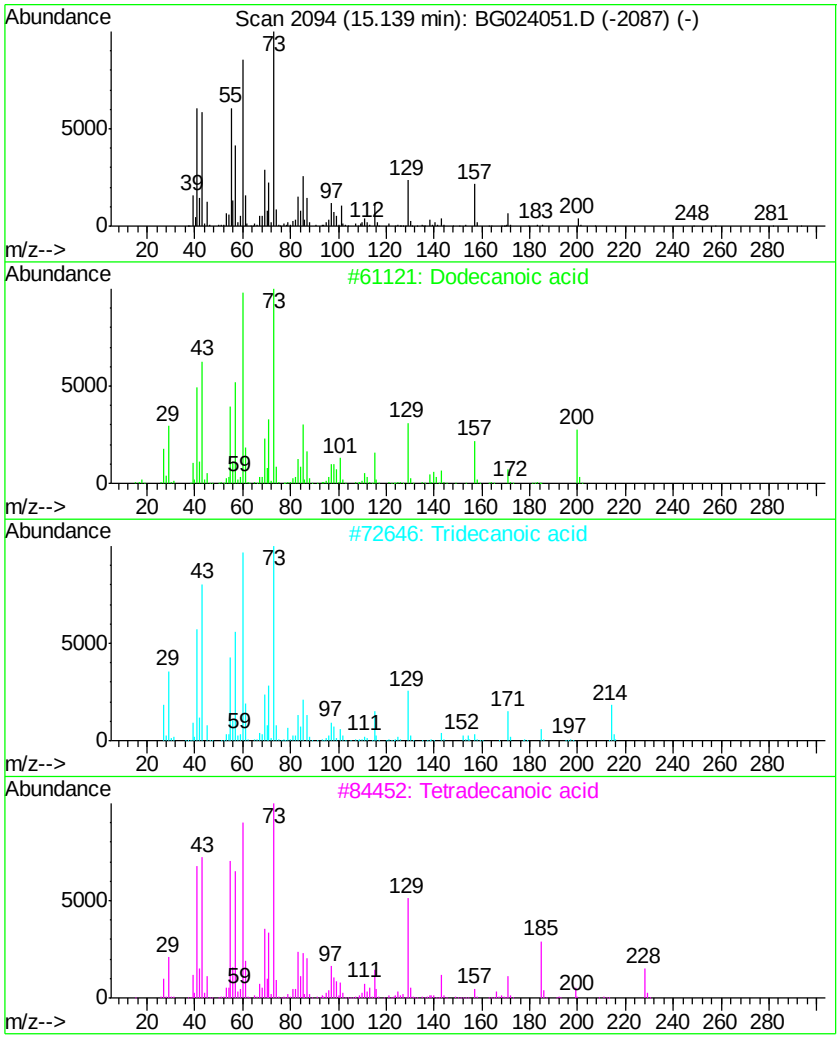
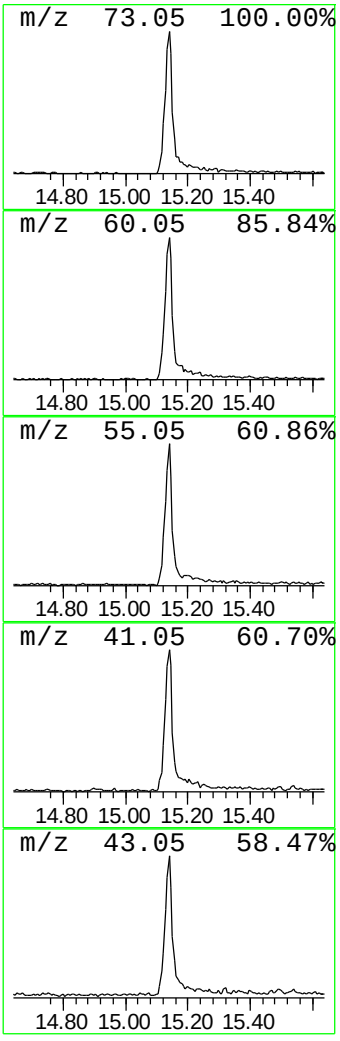
Peak Number 5 Dodecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	33.02 ng	1310690	Acenaphthene-d10	14.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	94
2	Tridecanoic acid	214	C13H26O2	000638-53-9	80
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	52
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
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Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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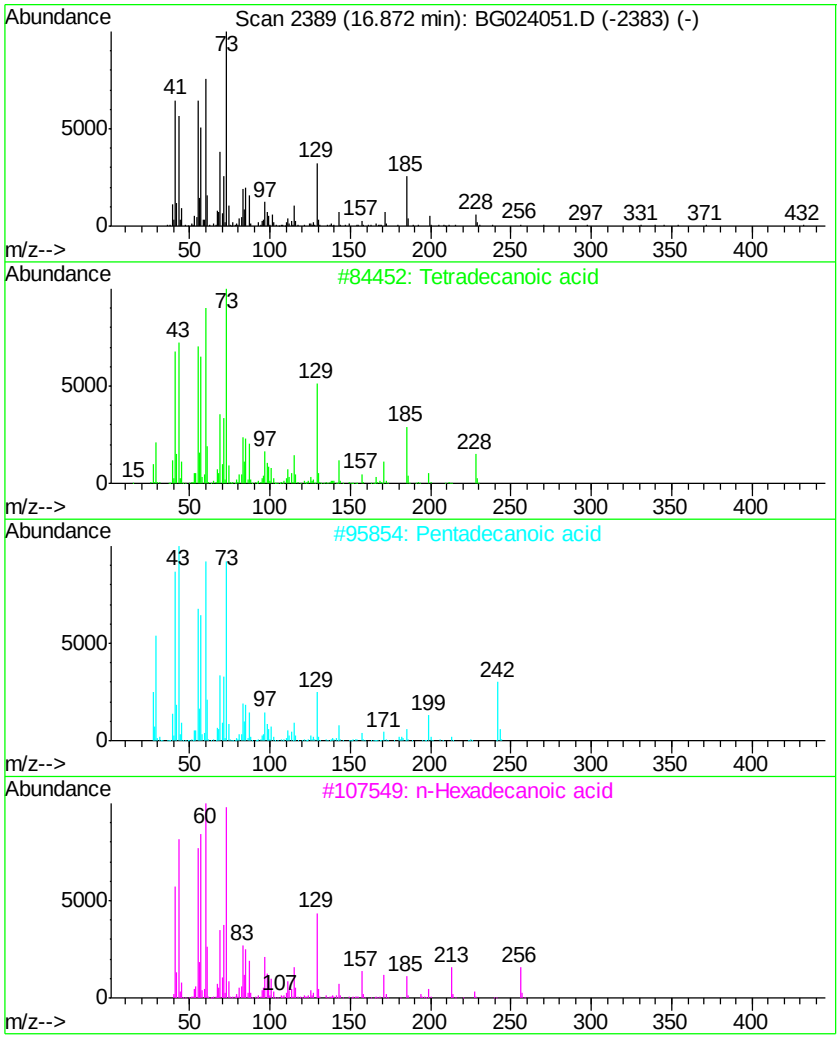
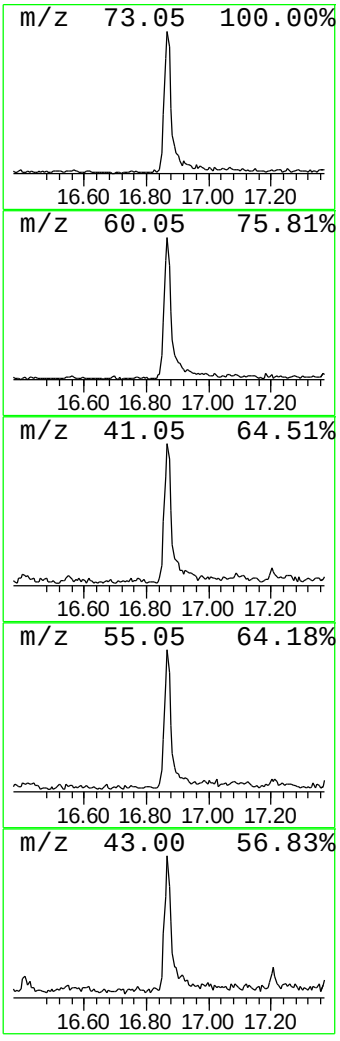
****

Peak Number 6 Tetradecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	14.21 ng	763900	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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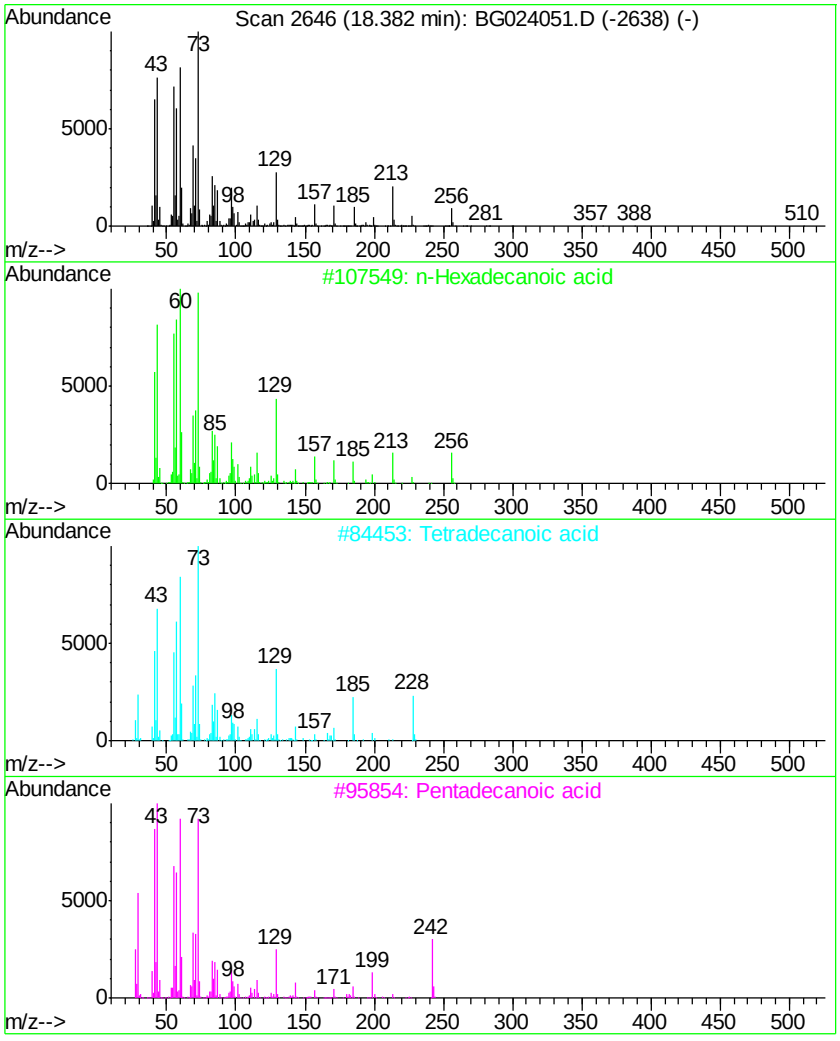
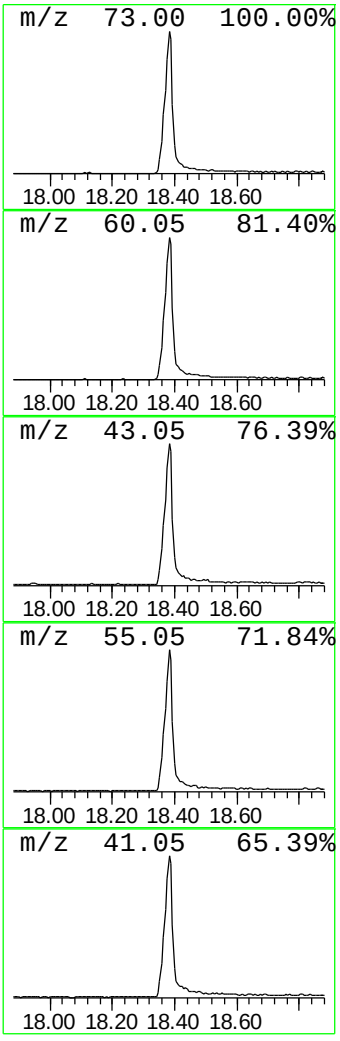
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	157.33 ng	8460330	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
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Acq On : 21 Sep 2016 12:35
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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

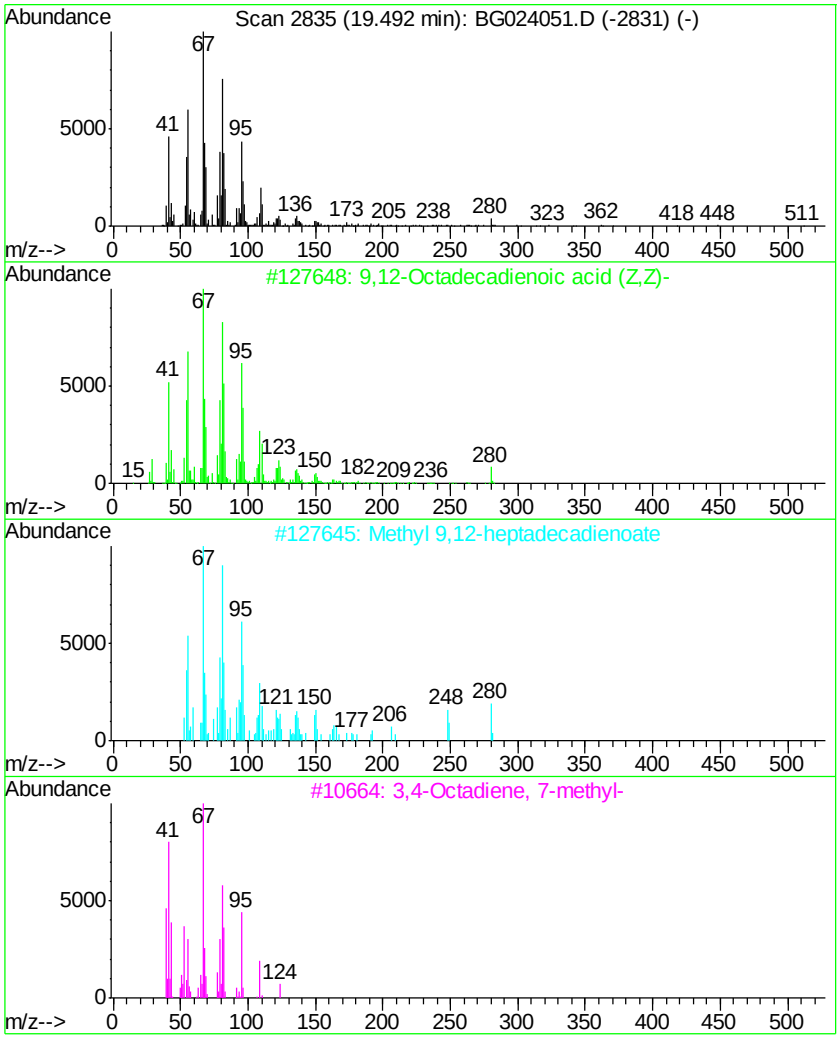
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

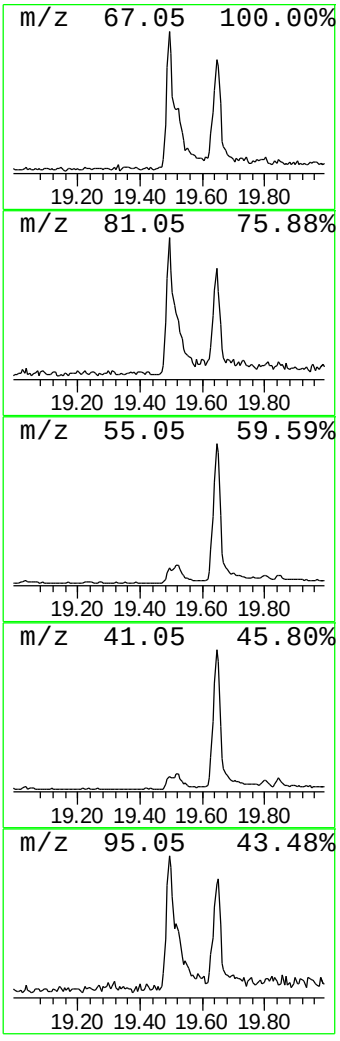
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	11.33 ng	609368	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	Methyl 9,12-heptadecadienoate	280	C18H32O2	1000336-36-2	90
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	80
4	n-Propyl 9,12-octadecadienoate	322	C21H38O2	1000336-77-8	72
5	3-Octyne	110	C8H14	015232-76-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG092116\
Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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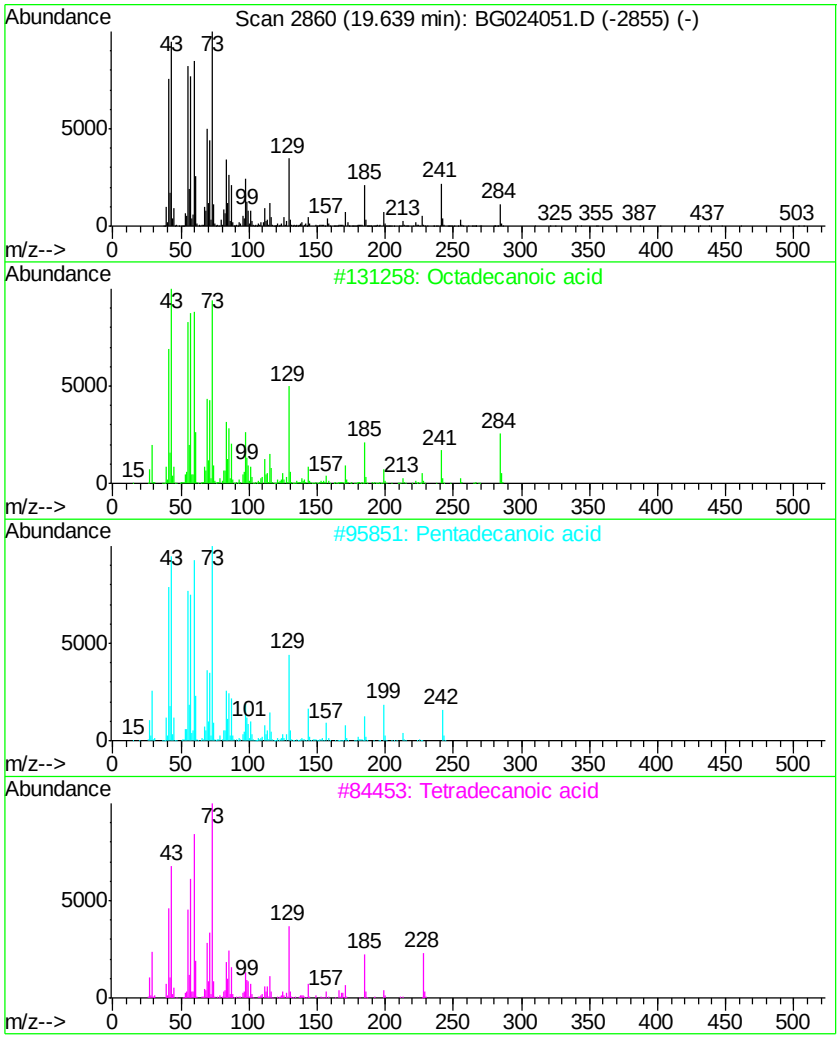
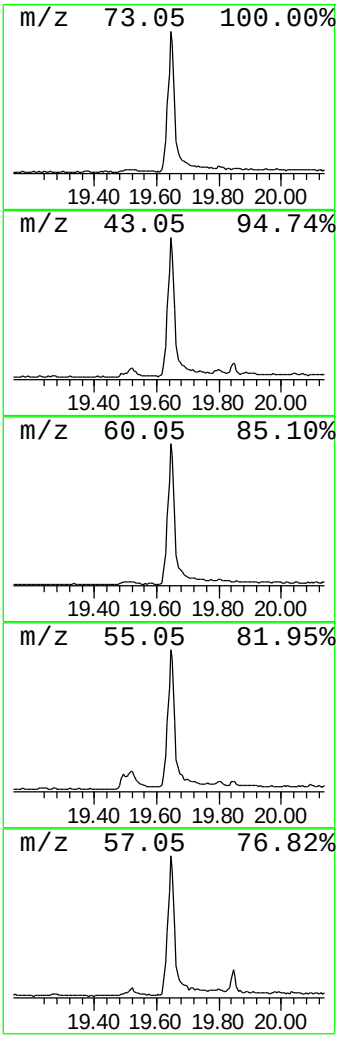
Peak Number 9 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.64	110.33 ng	6940410	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
5	Oxalic acid, allyl hexadecyl ester	354	C21H38O4	1000309-24-4	20





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Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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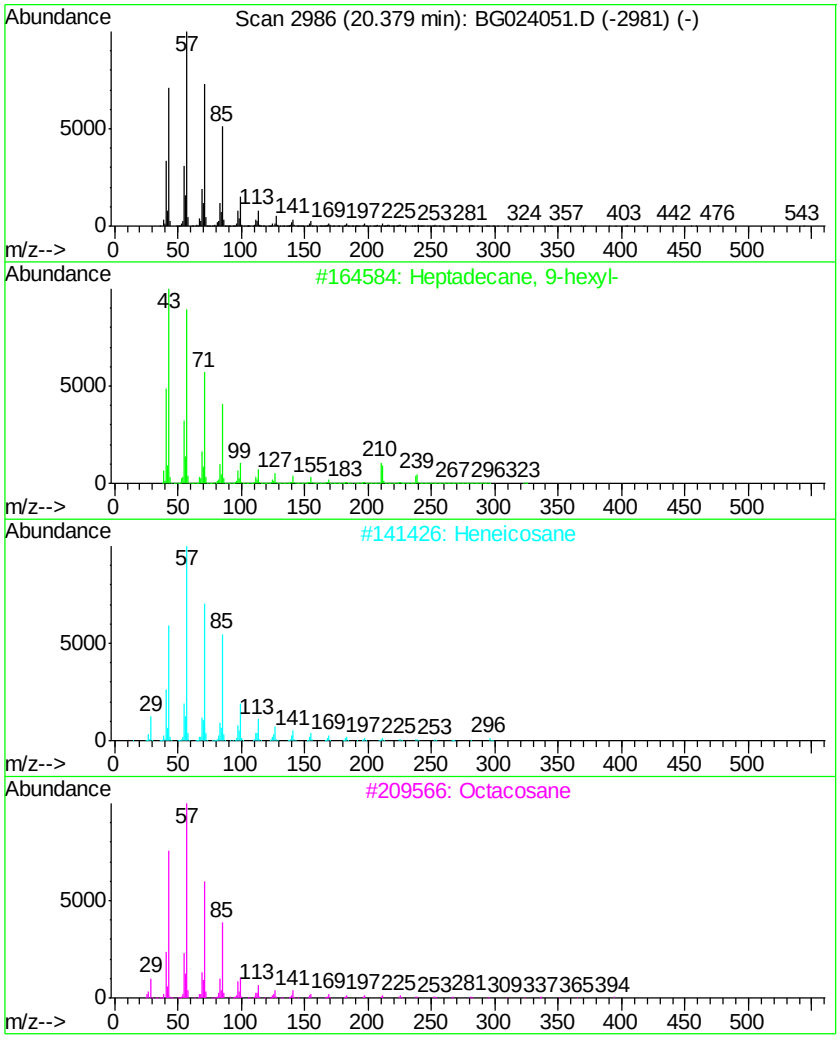
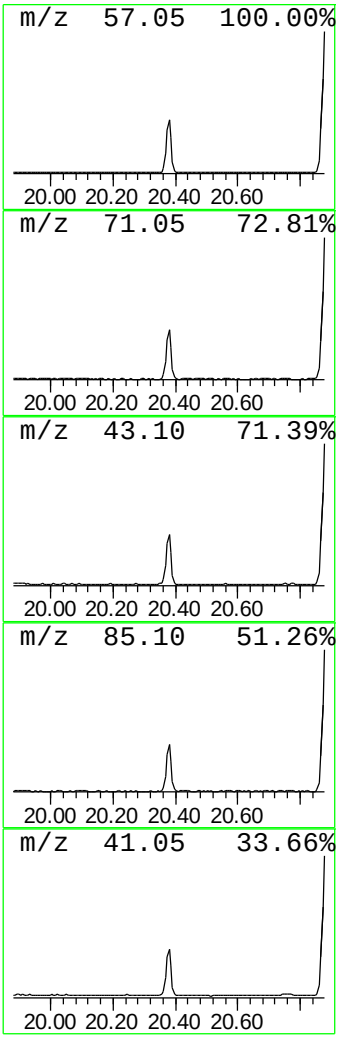
Peak Number 10 Heptadecane, 9-hexyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.38	45.37 ng	2853940	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Data File : BG024051.D
Acq On : 21 Sep 2016 12:35
Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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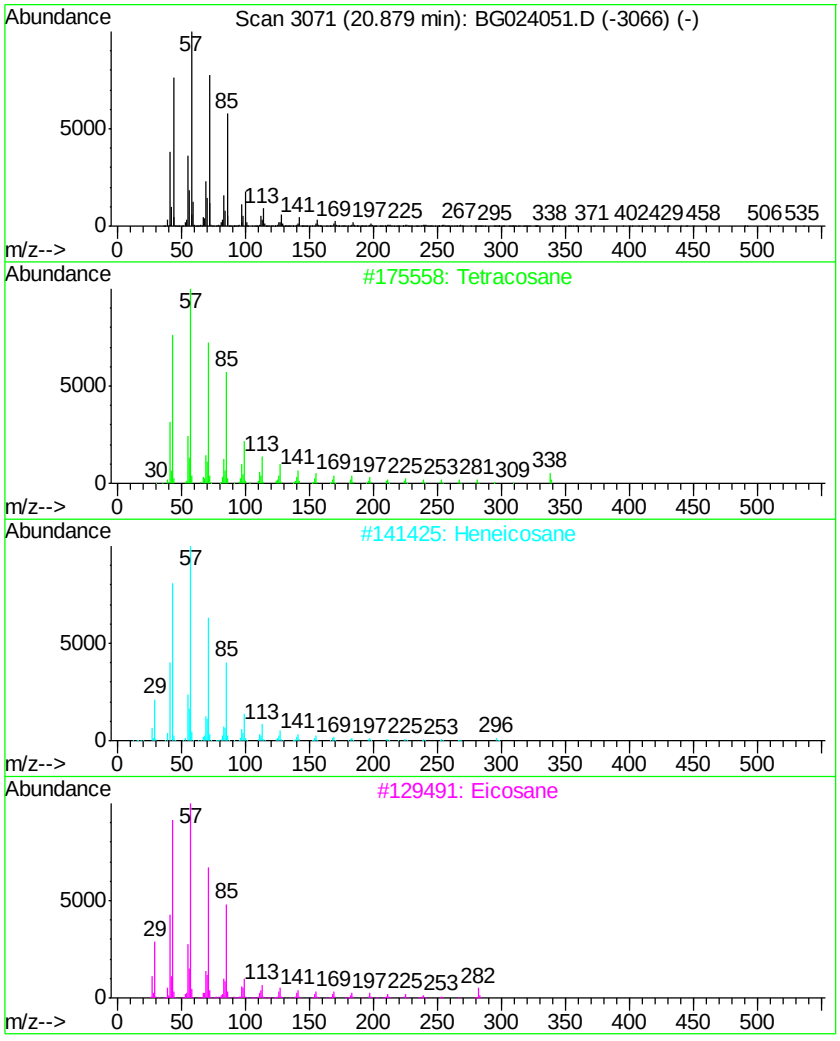
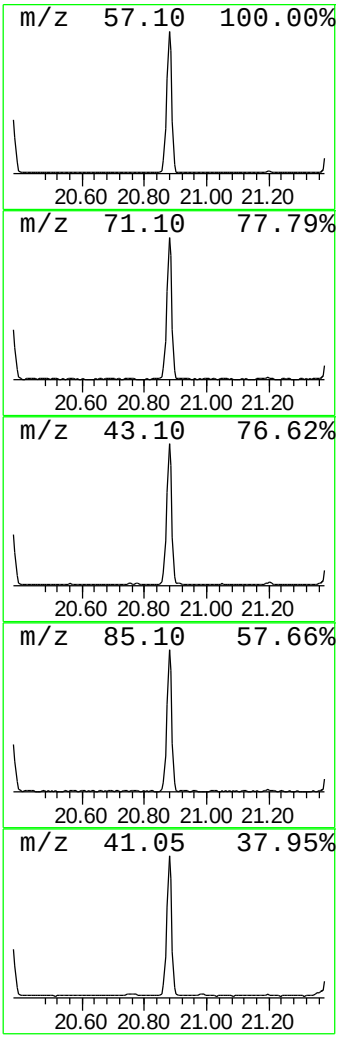
Peak Number 11 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.88	146.73 ng	9229850	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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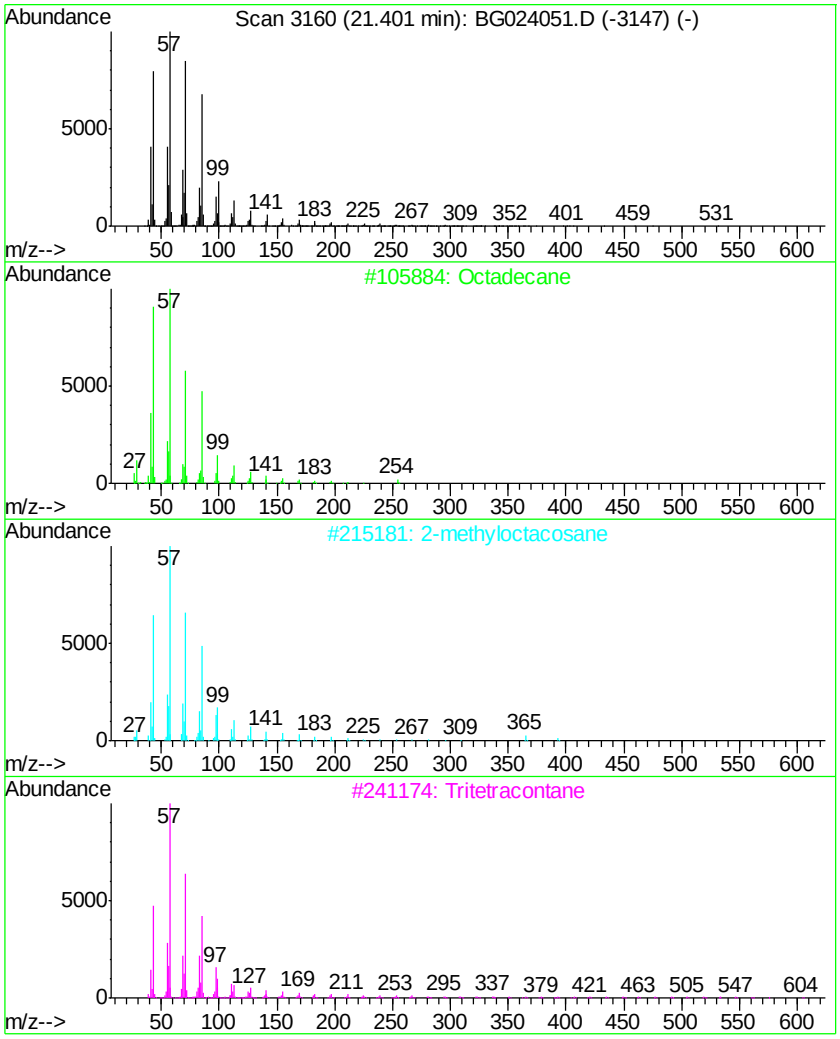
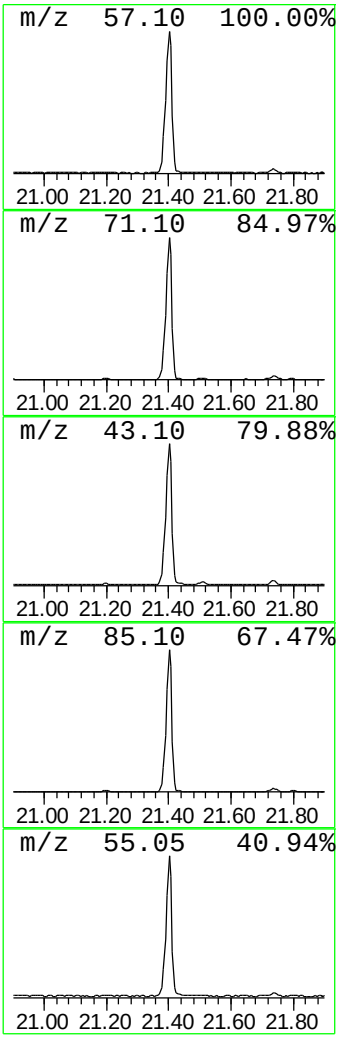
Peak Number 12 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	292.24 ng	18383000	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tritetracontane	605	C43H88	007098-21-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Heneicosane	296	C21H44	000629-94-7	87





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ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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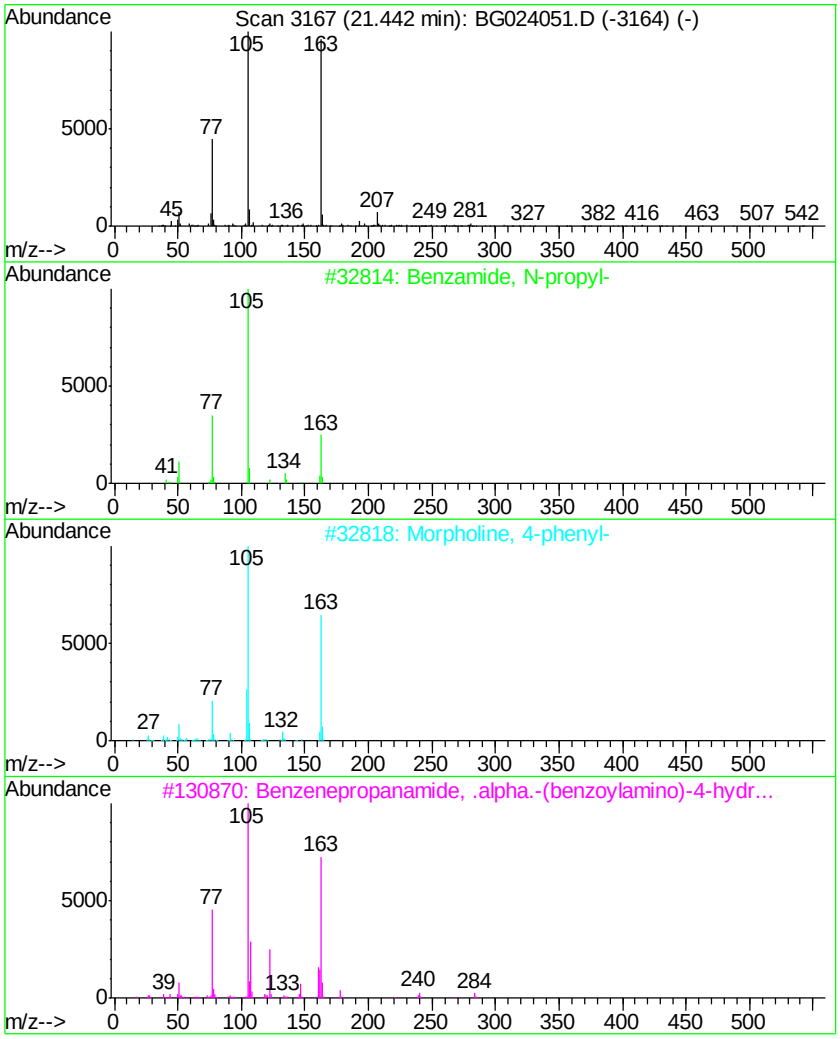
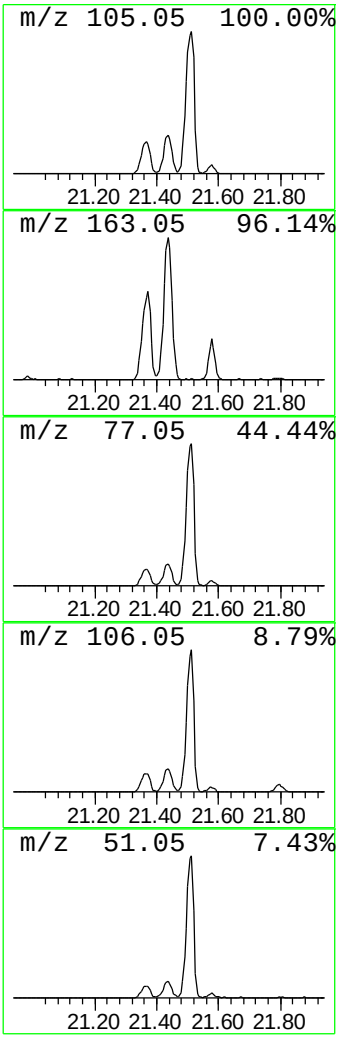
Peak Number 13 Benzamide, N-propyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	32.34 ng	2034280	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-propyl-	163	C10H13NO	010546-70-0	56
2	Morpholine, 4-phenyl-	163	C10H13NO	000092-53-5	50
3	Benzenepropanamide, .alpha.-(ben...	284	C16H16N2O3	058690-81-6	43
4	Benzamide, N-acetyl-	163	C9H9NO2	001575-95-7	36
5	.delta.2-1,3,4-Oxadiazolin-5-one...	163	C7H5N3O2	002845-82-1	27





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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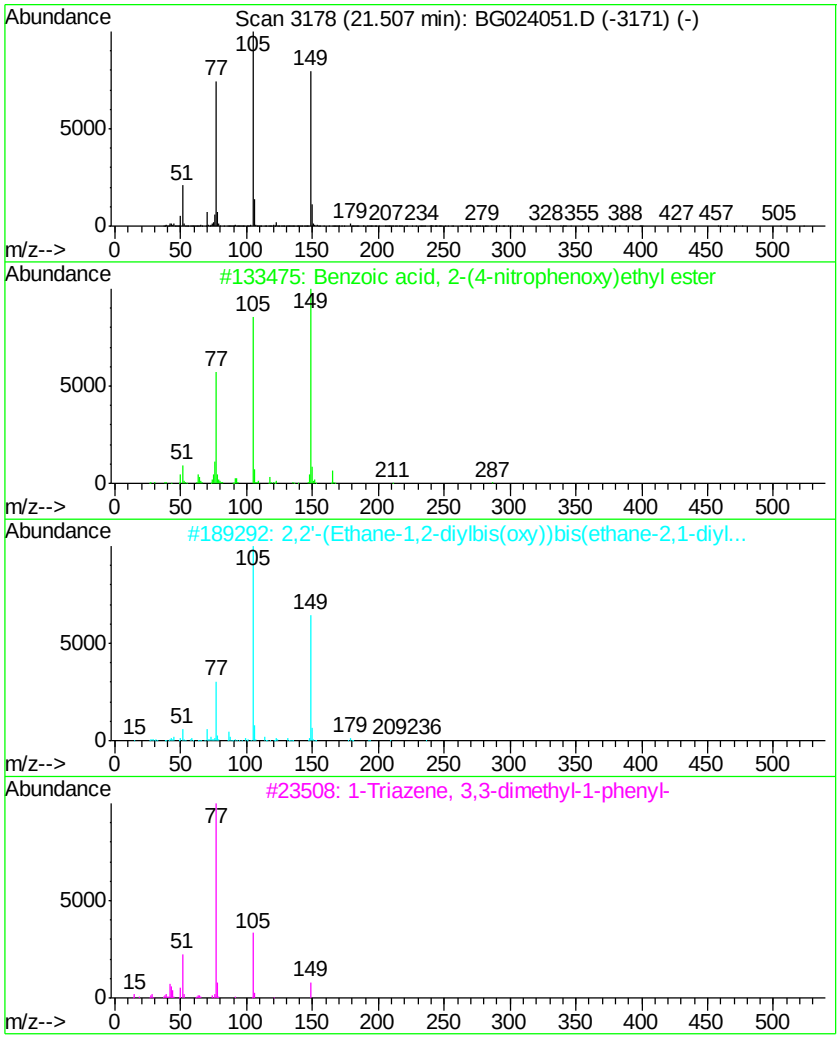
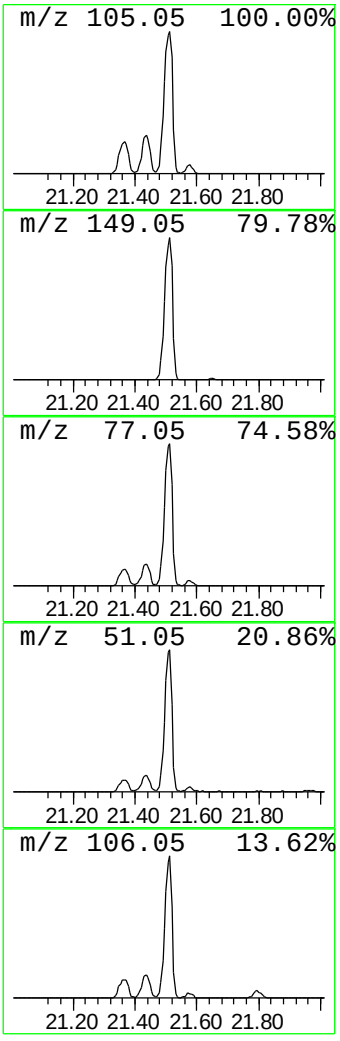
Peak Number 14 Benzoic acid, 2-(4-nitrophe... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.51	199.35 ng	12539800	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
2	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	74
3	1-Triazene, 3,3-dimethyl-1-phenyl-	149	C8H11N3	007227-91-0	72
4	Benzoic acid, (2-methyl-3-nitrop...	271	C15H13NO4	1000367-95-0	64
5	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	53





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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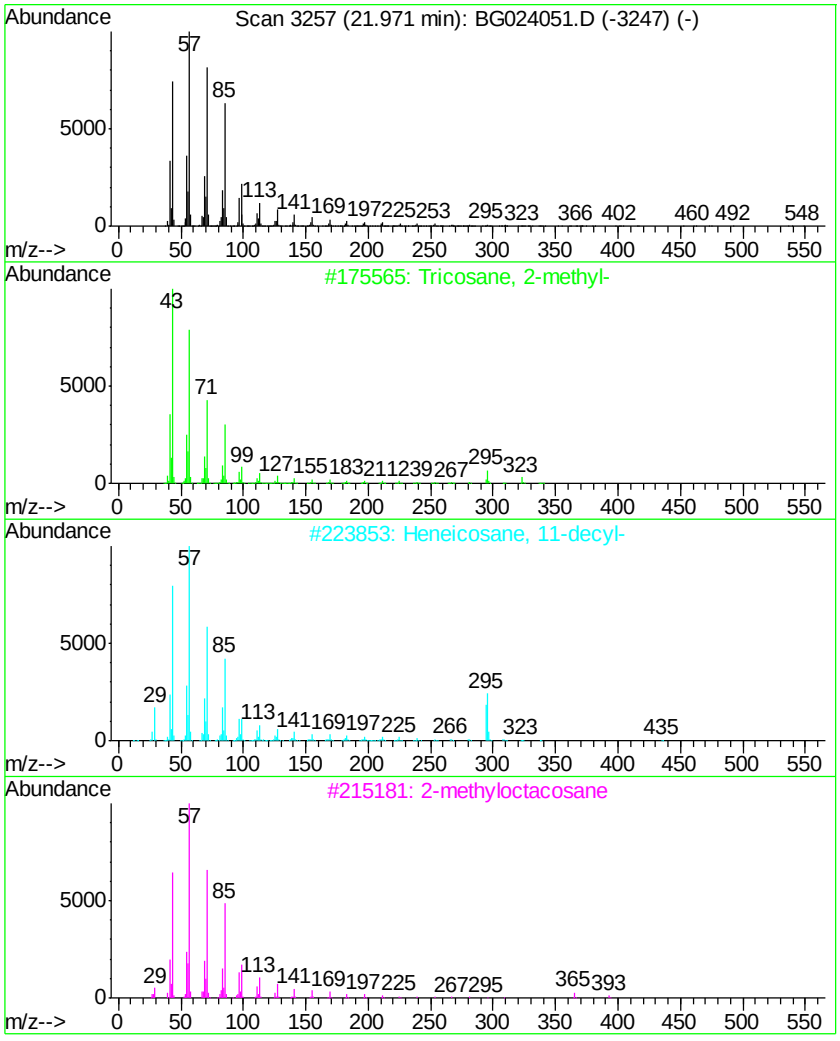
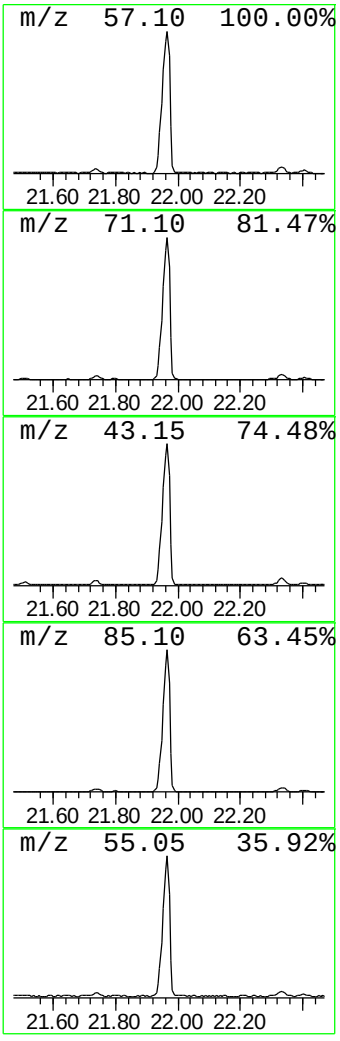
Peak Number 15 Tricosane, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.97	296.46 ng	18648400	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane, 2-methyl-	338	C24H50	001928-30-9	94
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	93
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	Hexadecane	226	C16H34	000544-76-3	90





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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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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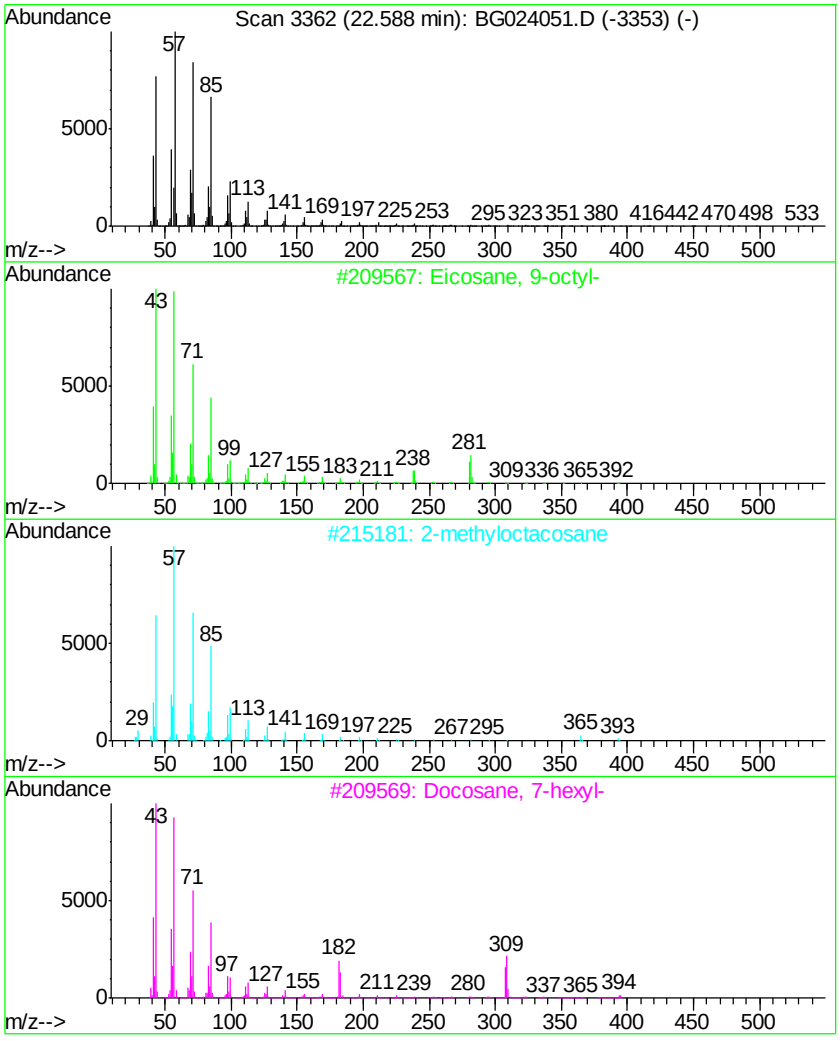
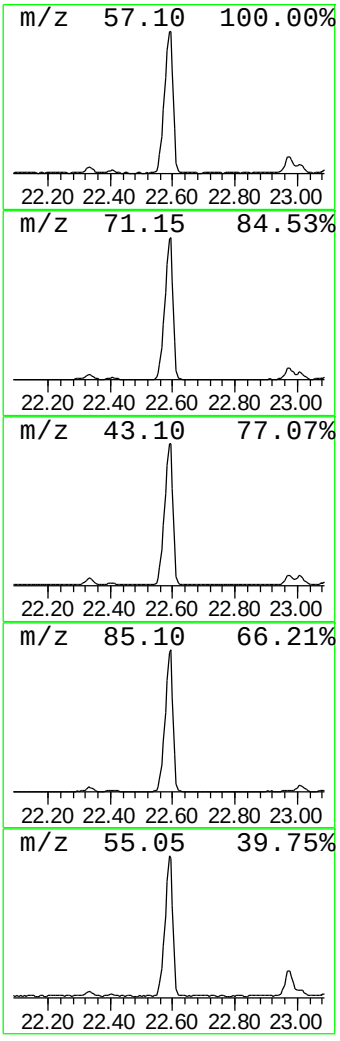
Peak Number 16 Eicosane, 9-octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	327.14 ng	20578200	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Tritetracontane	605	C43H88	007098-21-7	91
5	2-methylhexacosane	380	C27H56	1000376-72-7	91





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Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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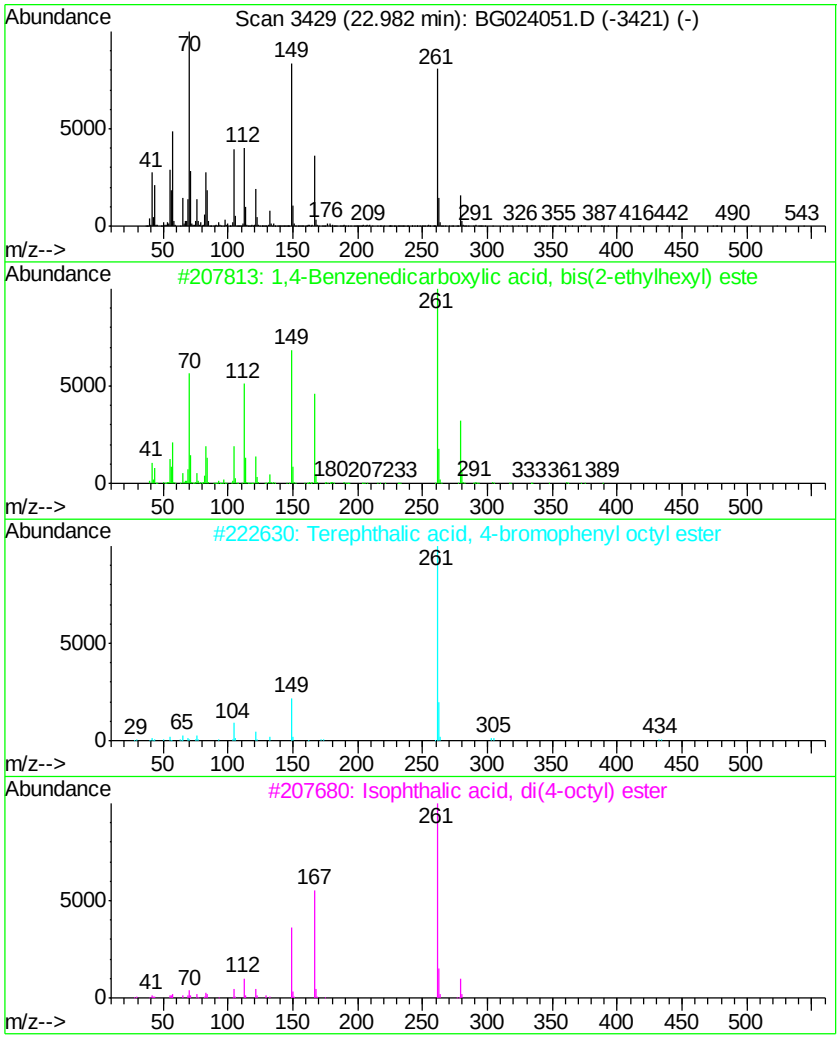
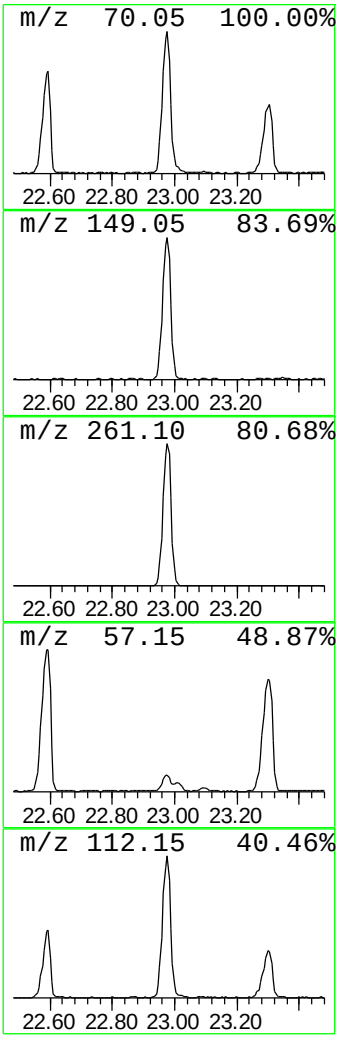
Peak Number 17 1,4-Benzenedicarboxylic aci... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	91.96 ng	5784990	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	53
2	Terephthalic acid, 4-bromophenyl...	432	C22H25BrO4	1000323-68-4	43
3	Isophthalic acid, di(4-octyl) ester	390	C24H38O4	1000344-04-3	38
4	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	38
5	Phthalic acid, 3,5-difluoropheny...	390	C22H24F2O4	1000315-51-3	35





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Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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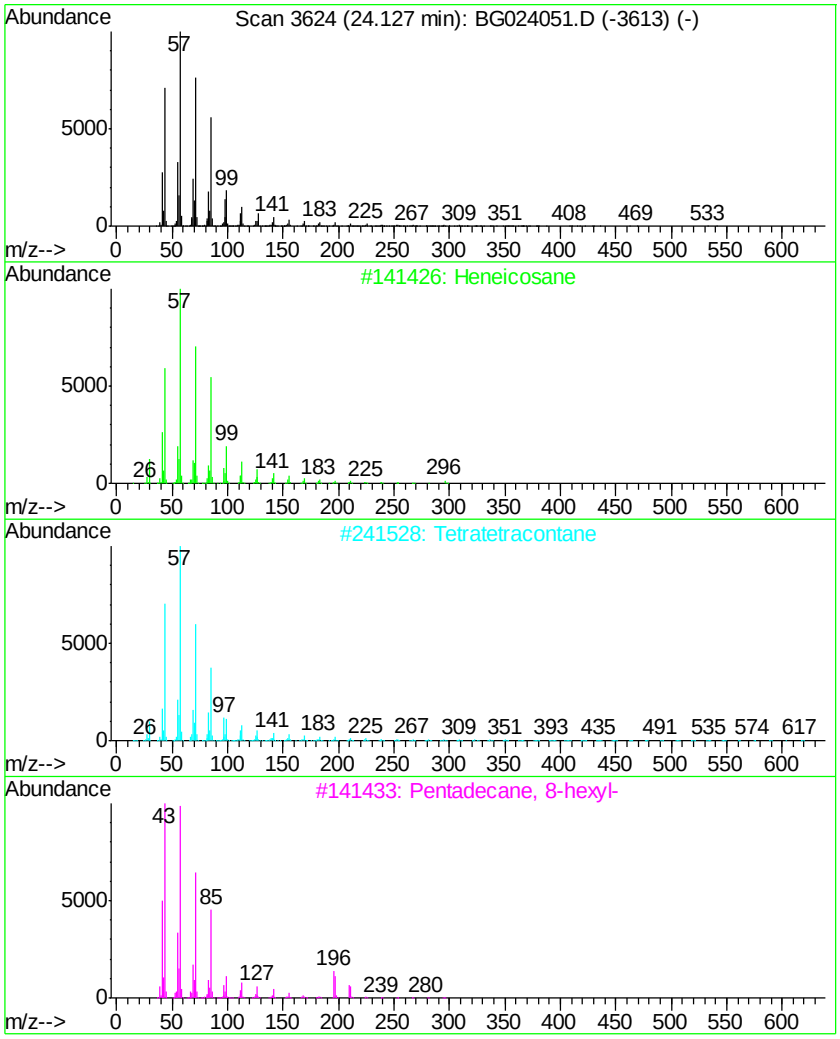
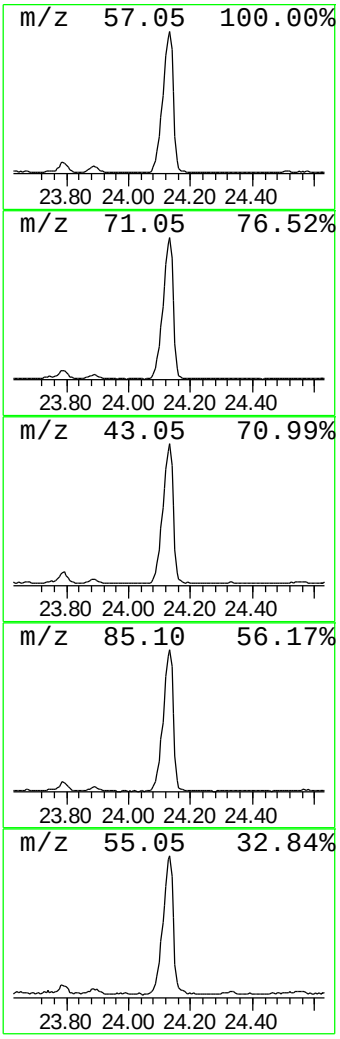
Peak Number 19 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	27.94 ng	14609400	Perylene-d12	25.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexacosane	366	C26H54	000630-01-3	91





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Misc :
ALS Vial : 3 Sample Multiplier: 1

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ClientSampleId : YORK-SB3-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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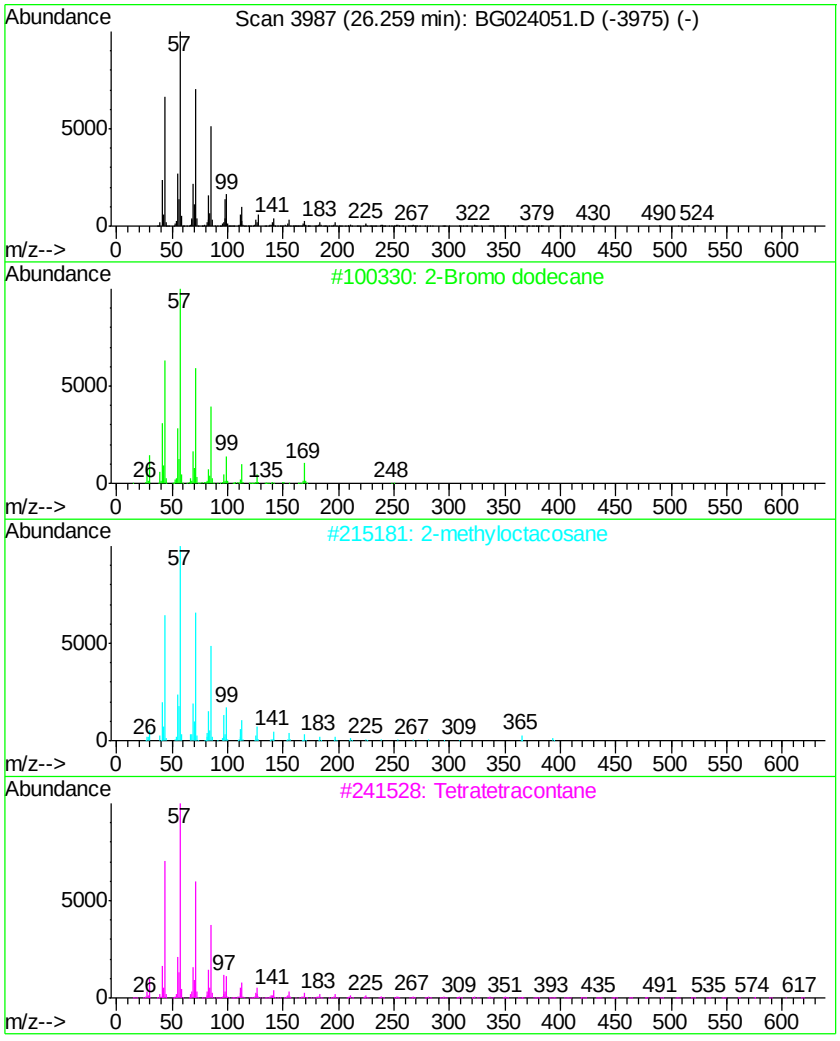
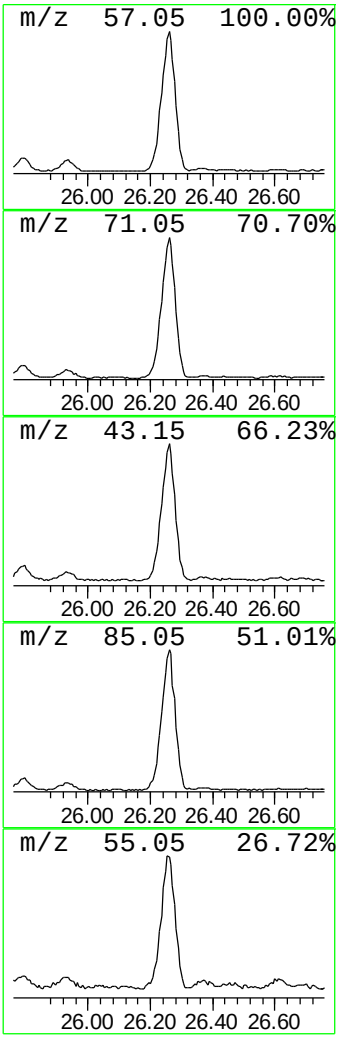
Peak Number 20 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.26	12.77 ng	6678410	Perylene-d12	25.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	94
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Tetratetracontane	619	C44H90	007098-22-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heneicosane	296	C21H44	000629-94-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092116\
Data File : BG024051.D
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Operator : UM/SJ
Sample : H4820-21
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : YORK-SB3-02

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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
Propane, 2,2-dime...	2.92	158.4	ng	3002440	1	8.05	379182	20.0
2-Pentanone, 4-hy...	5.11	18.1	ng	344169	1	8.05	379182	20.0
unknown7.58	7.58	68.5	ng	1299700	1	8.05	379182	20.0
Dodecanoic acid	15.14	33.0	ng	1310690	3	14.72	793972	20.0
Tetradecanoic acid	16.87	14.2	ng	763900	4	17.49	1075500	20.0
n-Hexadecanoic acid	18.38	157.3	ng	8460330	4	17.49	1075500	20.0
9,12-Octadecadien...	19.49	11.3	ng	609368	4	17.49	1075500	20.0
Octadecanoic acid	19.64	110.3	ng	6940410	5	21.79	1258090	20.0
Heptadecane, 9-he...	20.38	45.4	ng	2853940	5	21.79	1258090	20.0
Tetracosane	20.88	146.7	ng	9229850	5	21.79	1258090	20.0
Octadecane	21.40	292.2	ng	18383000	5	21.79	1258090	20.0
Benzamide, N-propyl-	21.44	32.3	ng	2034280	5	21.79	1258090	20.0
Benzoic acid, 2-(...	21.51	199.3	ng	12539800	5	21.79	1258090	20.0
Tricosane, 2-methyl-	21.97	296.5	ng	18648400	5	21.79	1258090	20.0
Eicosane, 9-octyl-	22.59	327.1	ng	20578200	5	21.79	1258090	20.0
1,4-Benzenedicarb...	22.98	92.0	ng	5784990	5	21.79	1258090	20.0
Heneicosane	24.13	27.9	ng	14609400	6	25.14	10458600	20.0
2-Bromo dodecane	26.26	12.8	ng	6678410	6	25.14	10458600	20.0