LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
Data File : BG022945.D
Acq On : 9 Jul 2016 00:45
Operator : UM/SJ
Sample : H3884-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-16A

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	3.042	31	35	43	rBV	218318	302362	3.99%	0.651%
2	5.222	400	406	412	rBV	104381	180169	2.38%	0.388%
3	5.698	478	487	498	rBV	1702968	2745582	36.23%	5.909%
4	7.308	753	761	772	rBV	1981679	3482867	45.96%	7.495%
5	7.684	816	825	836	rBV	1762606	3059496	40.37%	6.584%
6	8.154	895	905	911	rBV	416584	748495	9.88%	1.611%
7	8.477	953	960	970	rBV	1164452	2066219	27.26%	4.447%
8	9.323	1097	1104	1111	rBV	1166928	2079720	27.44%	4.476%
9	10.980	1379	1386	1393	rBV	638522	1171806	15.46%	2.522%
10	13.418	1793	1801	1808	rBV	3245024	5083498	67.08%	10.940%
11	14.235	1934	1940	1947	rBV	544169	808749	10.67%	1.740%
12	14.799	2029	2036	2043	rBV2	1213048	1974549	26.05%	4.249%
13	15.616	2171	2175	2179	rVB	60150	76874	1.01%	0.165%
14	16.291	2283	2290	2299	rBV	3206167	5147647	67.92%	11.078%
15	16.485	2318	2323	2334	rVB2	58515	115755	1.53%	0.249%
16	17.278	2454	2458	2462	rBV2	111433	134352	1.77%	0.289%
17	17.555	2498	2505	2510	rBV2	1568712	2541852	33.54%	5.470%
18	17.596	2510	2512	2519	rVB	149747	192308	2.54%	0.414%
19	18.424	2647	2653	2658	rBV2	258798	371593	4.90%	0.800%
20	19.605	2849	2854	2859	rVB	147435	217954	2.88%	0.469%
21	19.687	2864	2868	2873	rBV6	51766	75963	1.00%	0.163%
22	19.964	2912	2915	2920	rVB	138316	195294	2.58%	0.420%
23	20.152	2940	2947	2954	rBV	5560315	7578441	100.00%	16.309%
24	21.450	3163	3168	3177	rBV4	284866	467076	6.16%	1.005%
25	21.844	3228	3235	3241	rBV	1772755	2944863	38.86%	6.337%
26	25.199	3796	3806	3818	rVB	880395	2703992	35.68%	5.819%

Sum of corrected areas: 46467476

LSC Report - Integrated Chromatogram

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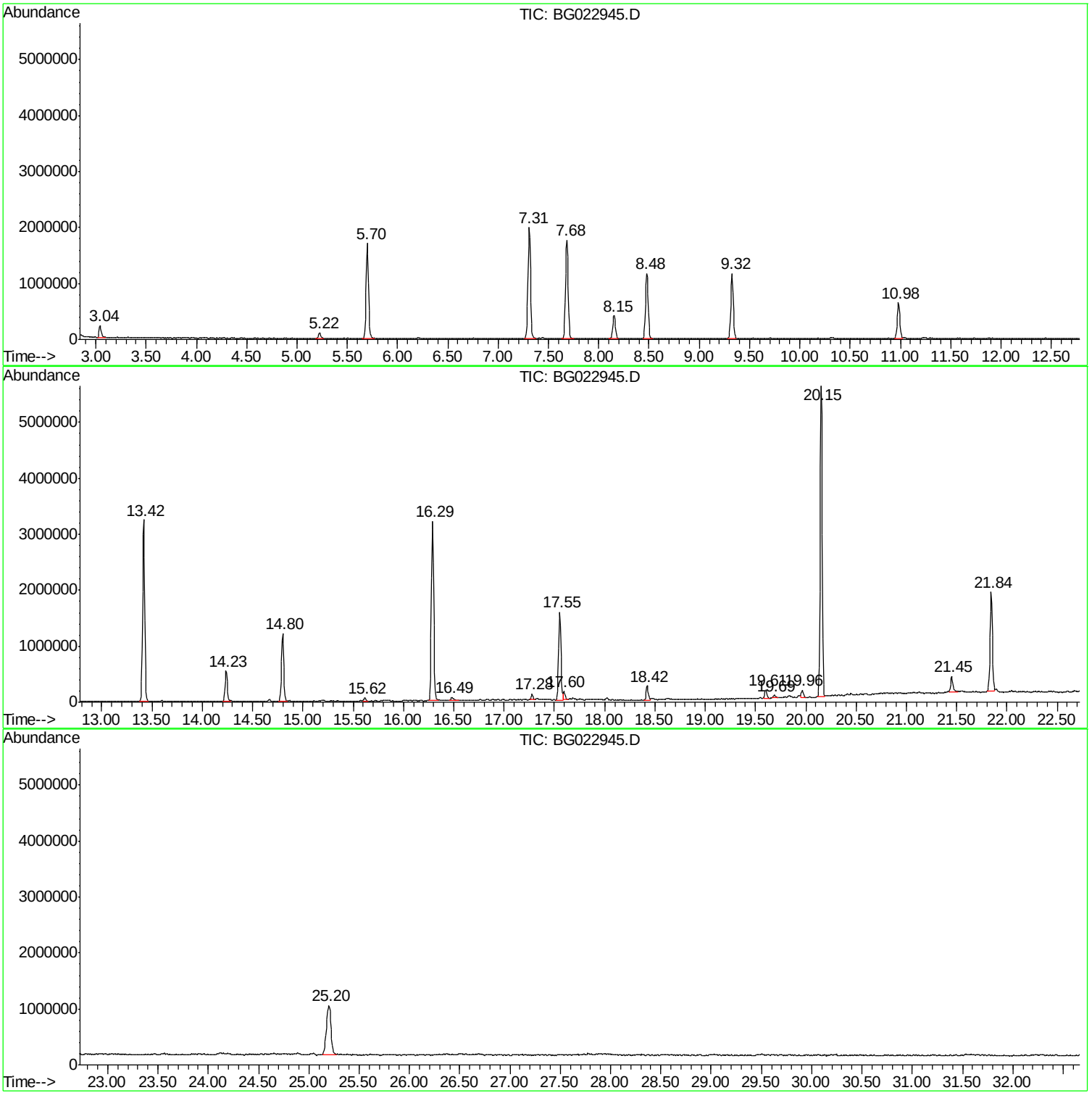
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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ClientSampleId : LOCATION-16A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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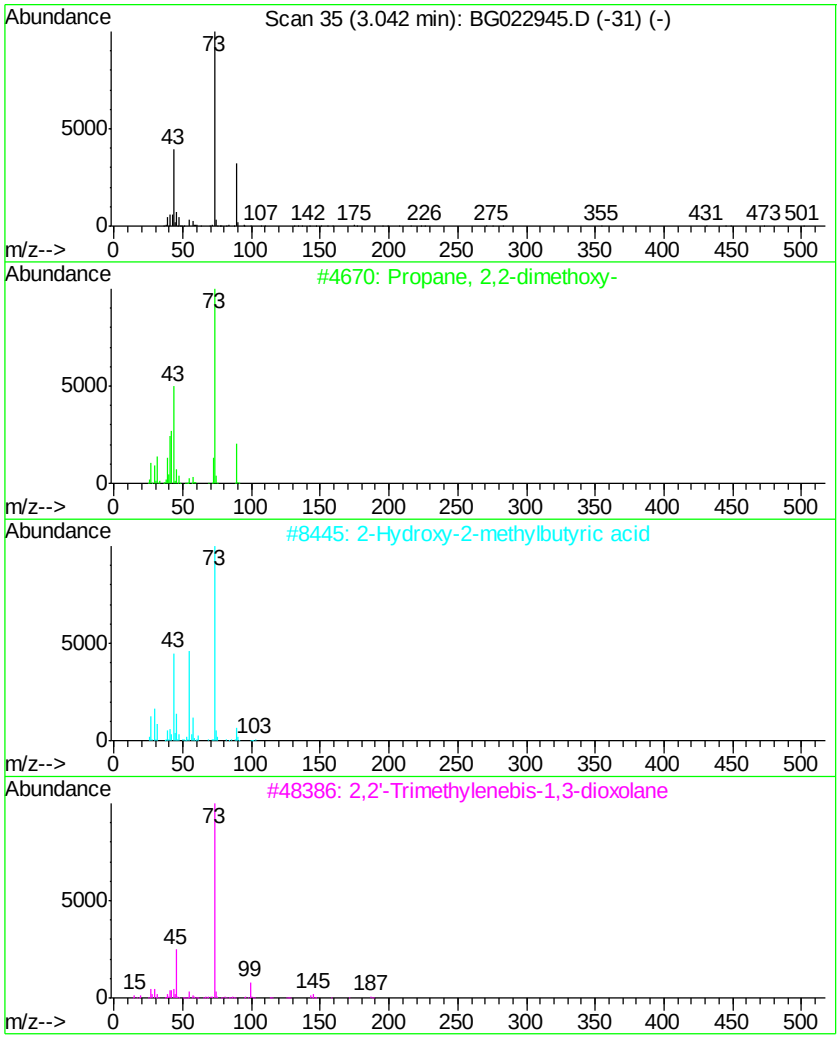
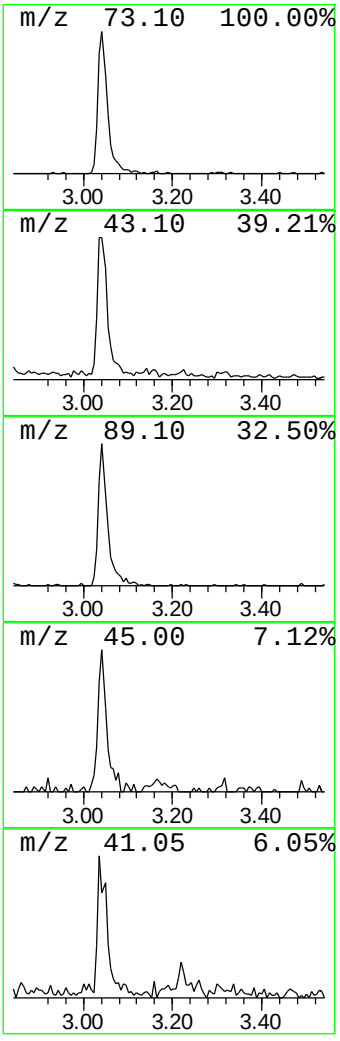
Peak Number 1 unknown3.04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	8.08 ng	302362	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	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





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Sample : H3884-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-16A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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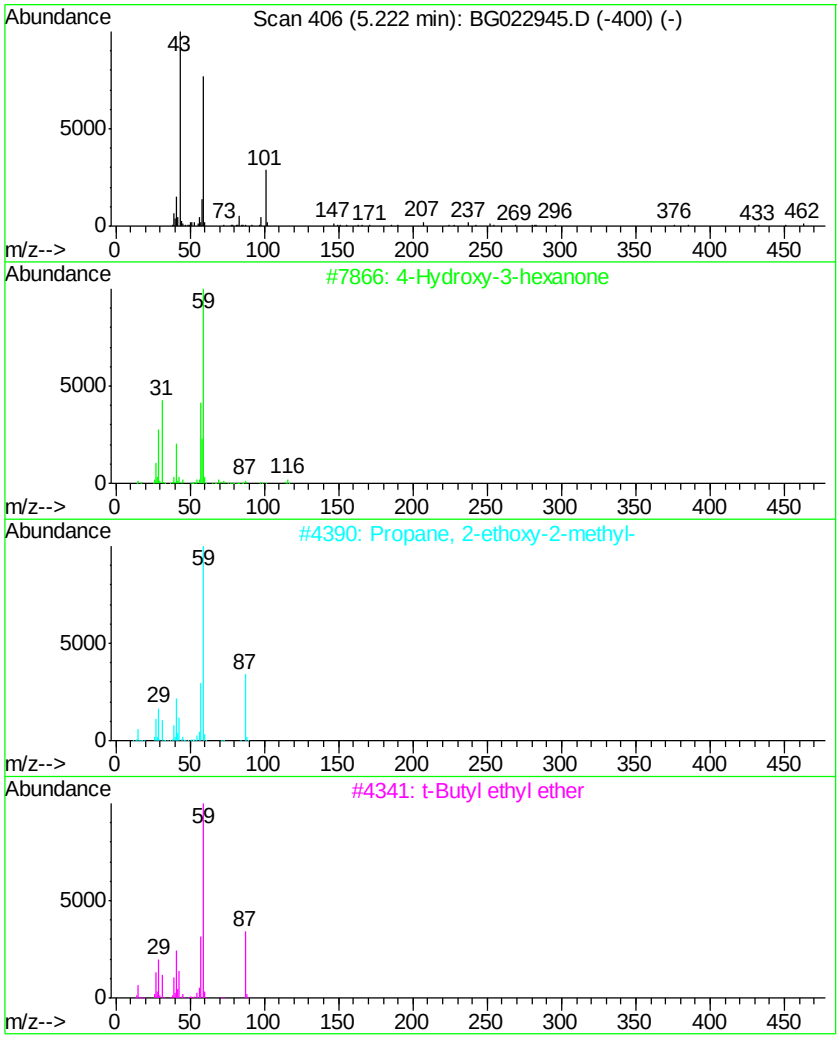
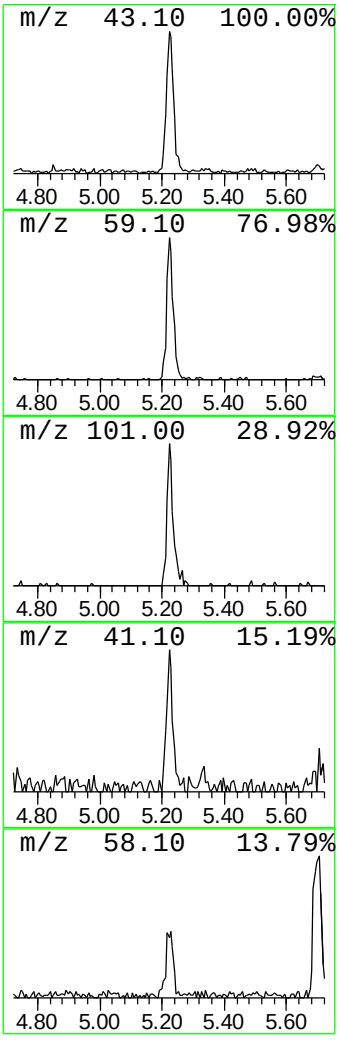
Peak Number 2 unknown5.22 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	4.81 ng	180169	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	36
2	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	28
3	t-Butyl ethyl ether	102	C6H14O	1000118-18-4	28
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	22
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	10





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Operator : UM/SJ
Sample : H3884-06
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOCATION-16A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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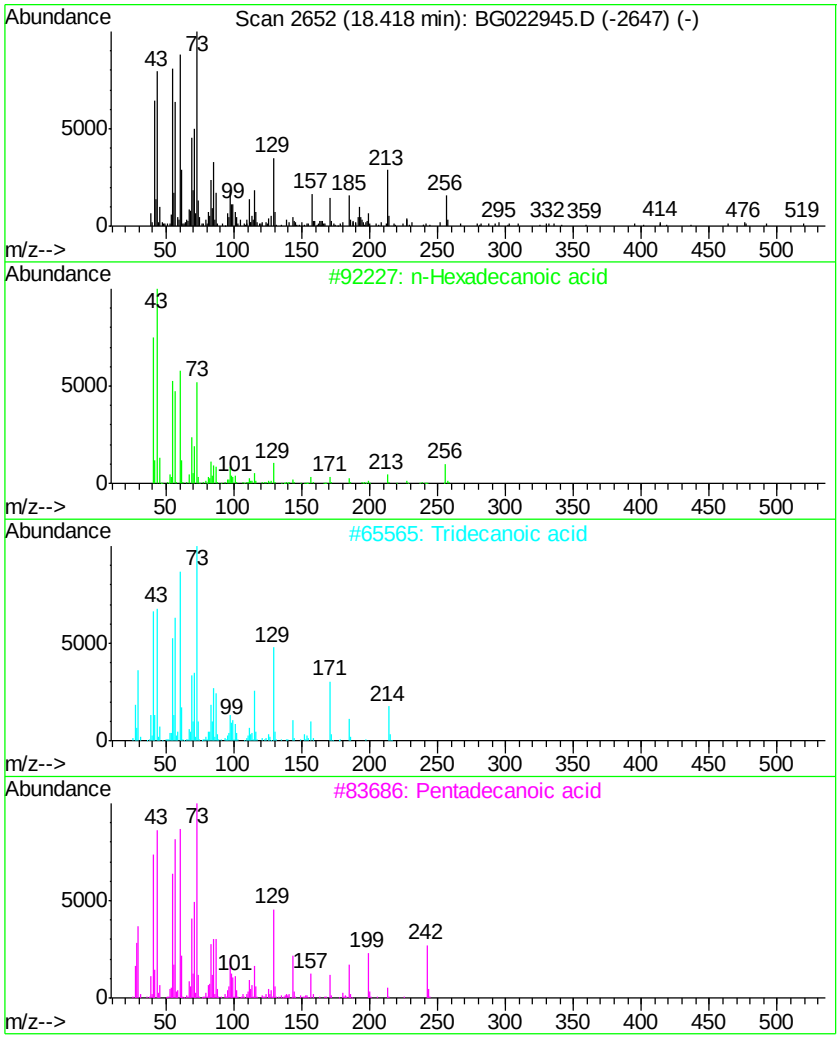
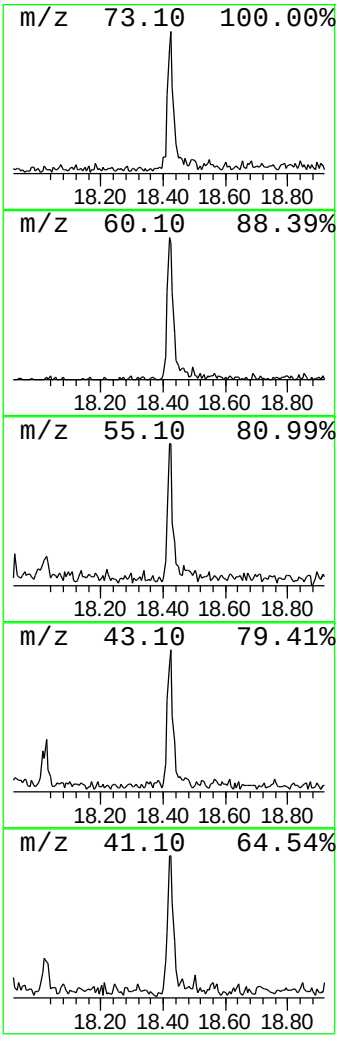
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.92 ng	371593	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Instrument : BNA_G
ClientSampleId : LOCATION-16A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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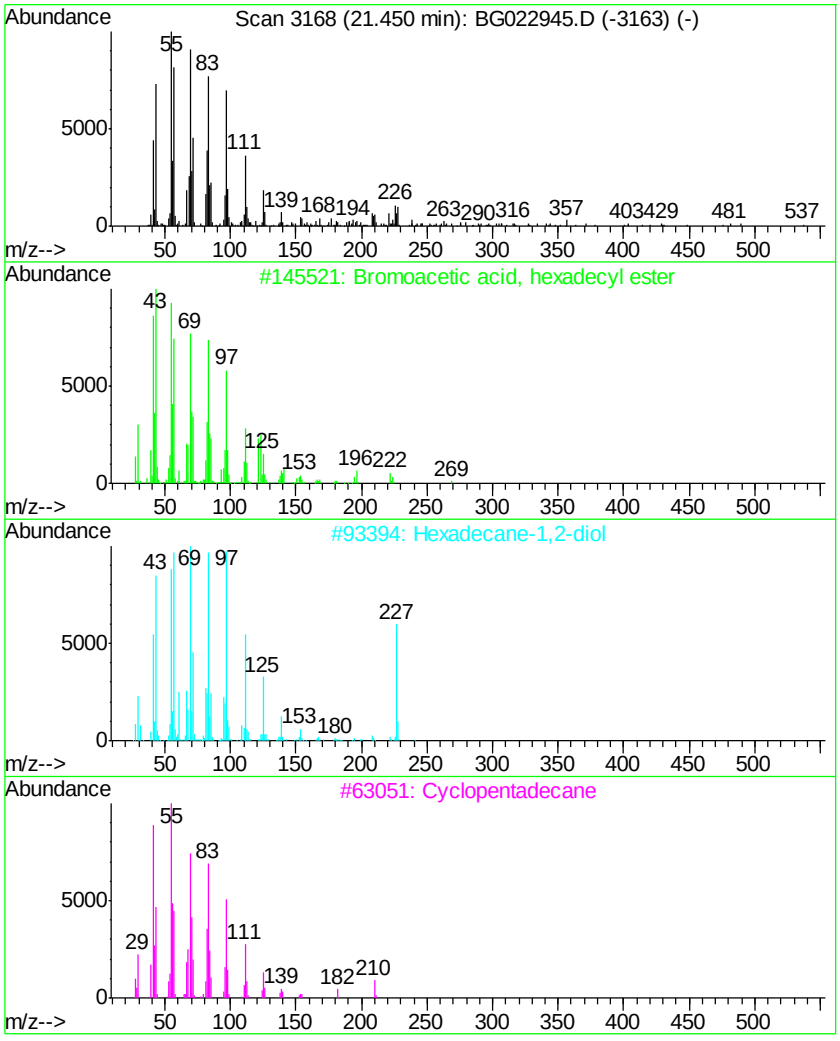
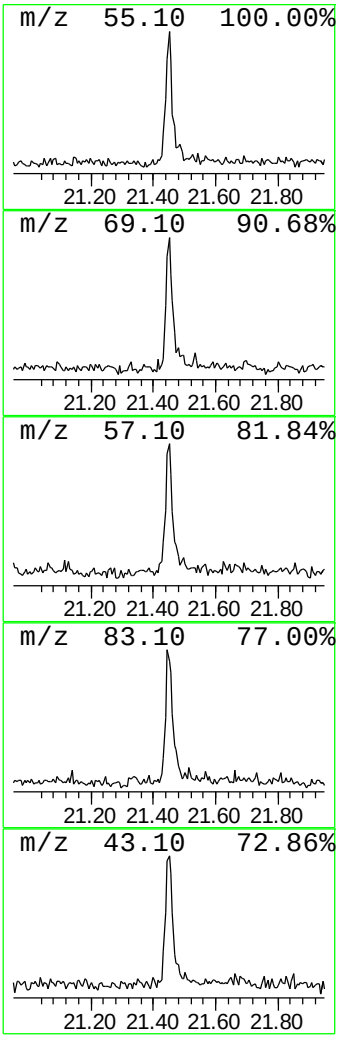
Peak Number 6 Bromoacetic acid, hexadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.45	3.17 ng	467076	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	87
2	Hexadecane-1,2-diol	258	C16H34O2	006920-24-7	72
3	Cyclopentadecane	210	C15H30	000295-48-7	64
4	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	64
5	1-Eicosanol	298	C20H42O	000629-96-9	64





Tentatively Identified Compound (LSC) summary

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Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
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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	8.1	ng	302362	1	8.15	748495	20.0
unknown5.22	5.22	4.8	ng	180169	1	8.15	748495	20.0
n-Hexadecanoic acid	18.42	2.9	ng	371593	4	17.55	2541850	20.0
Bromoacetic acid,...	21.45	3.2	ng	467076	5	21.84	2944860	20.0