LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041615\
Data File : BG016470.D
Acq On : 16 Apr 2015 23:44
Operator : TP/IZ
Sample : G1890-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-14-COMP

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-BG040615.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	2.753	6	11	21	rBV	169300	351373	21.39%	2.411%
2	2.835	21	25	30	rVV	74652	107745	6.56%	0.739%
3	2.882	30	33	39	rVB2	13329	18479	1.12%	0.127%
4	4.774	350	355	367	rVB	105843	150093	9.14%	1.030%
5	5.250	430	436	446	rBV	672104	968149	58.94%	6.643%
6	6.848	701	708	723	rBV	689150	1061346	64.61%	7.283%
7	7.195	760	767	777	rBV	687043	1082443	65.89%	7.427%
8	7.659	838	846	853	rBV	251658	381466	23.22%	2.618%
9	7.976	893	900	907	rVB	497382	780470	47.51%	5.355%
10	8.816	1036	1043	1052	rBV	405416	629732	38.33%	4.321%
11	10.444	1314	1320	1331	rBV	353866	564496	34.36%	3.873%
12	12.923	1734	1742	1750	rBV	889306	1290222	78.54%	8.853%
13	13.764	1878	1885	1893	rBV	55942	78187	4.76%	0.537%
14	14.304	1970	1977	1985	rBV2	514384	750937	45.71%	5.153%
15	15.791	2224	2230	2243	rBV	624528	929632	56.59%	6.379%
16	17.042	2437	2443	2452	rBV2	656832	927602	56.47%	6.365%
17	17.430	2500	2509	2522	rBV2	58698	97242	5.92%	0.667%
18	17.947	2593	2597	2605	rBV5	10842	24262	1.48%	0.166%
19	18.805	2738	2743	2751	rBV	168022	250569	15.25%	1.719%
20	19.375	2836	2840	2844	rVB3	14117	17210	1.05%	0.118%
21	19.674	2885	2891	2898	rBV	1347808	1642735	100.00%	11.272%
22	20.315	2995	3000	3004	rBV	37825	46193	2.81%	0.317%
23	20.932	3101	3105	3116	rBV	197327	291577	17.75%	2.001%
24	21.137	3137	3140	3144	rVB	20413	23563	1.43%	0.162%
25	21.225	3149	3155	3160	rBV	856888	1059508	64.50%	7.270%
26	23.452	3526	3534	3545	rBV	560701	1048285	63.81%	7.193%

Sum of corrected areas: 14573516

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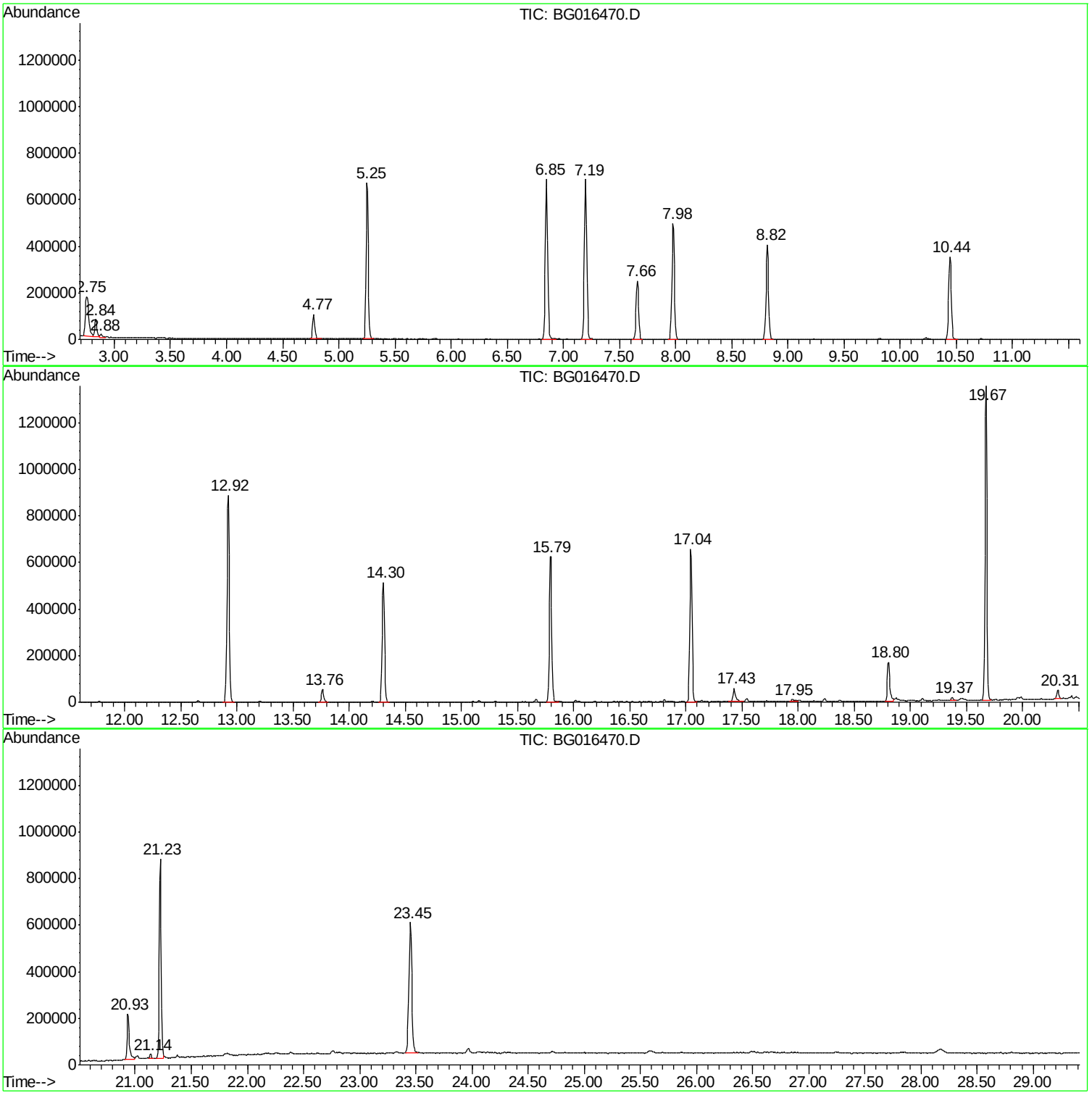
SB-14-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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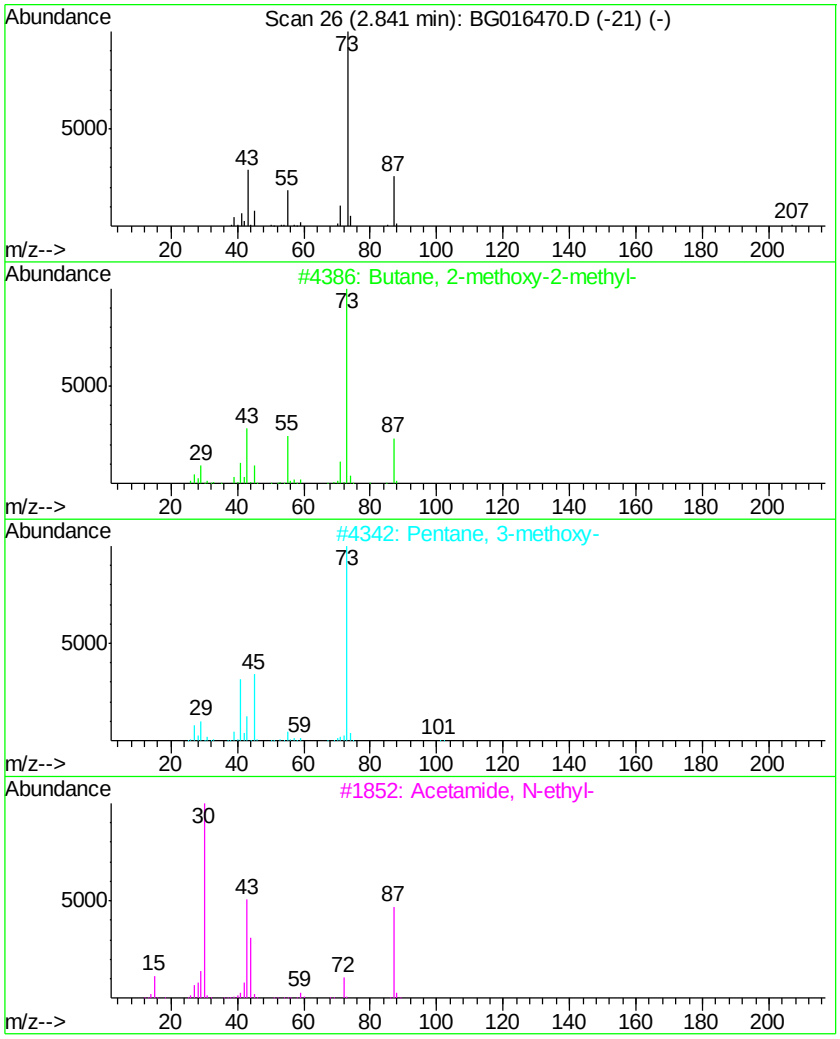
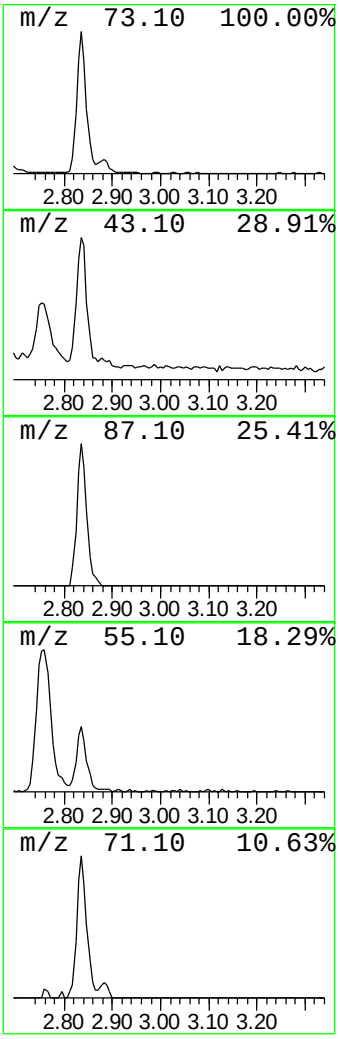
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.84	5.65 ng	107745	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	9





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-14-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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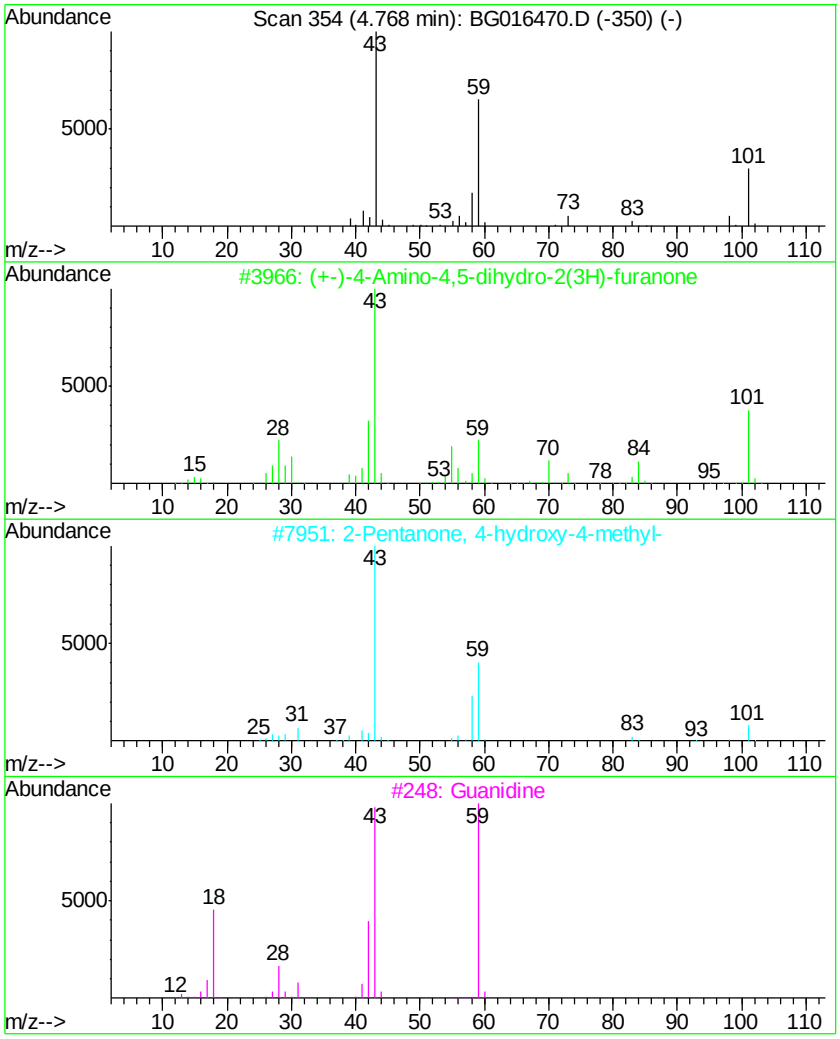
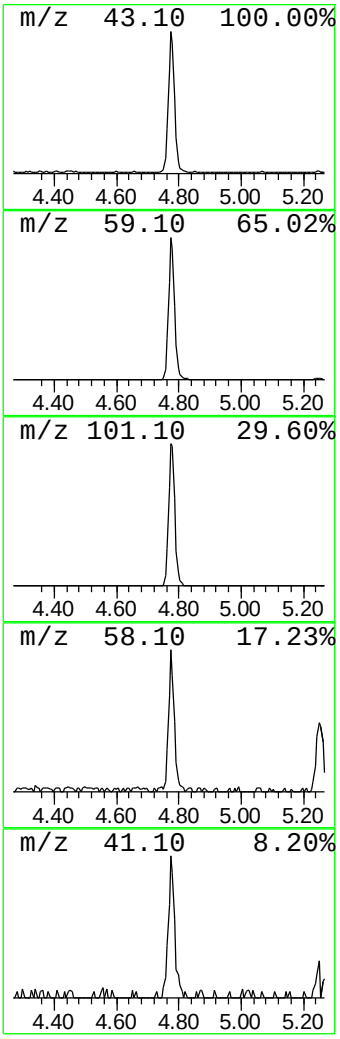
Peak Number 3 unknown4.77 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	7.87 ng	150093	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Guanidine	59	CH5N3	000113-00-8	38
4	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	28
5	2,5,8,11,14-Pentaoxapentadecane	222	C10H22O5	000143-24-8	28





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Operator : TP/IZ
Sample : G1890-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-14-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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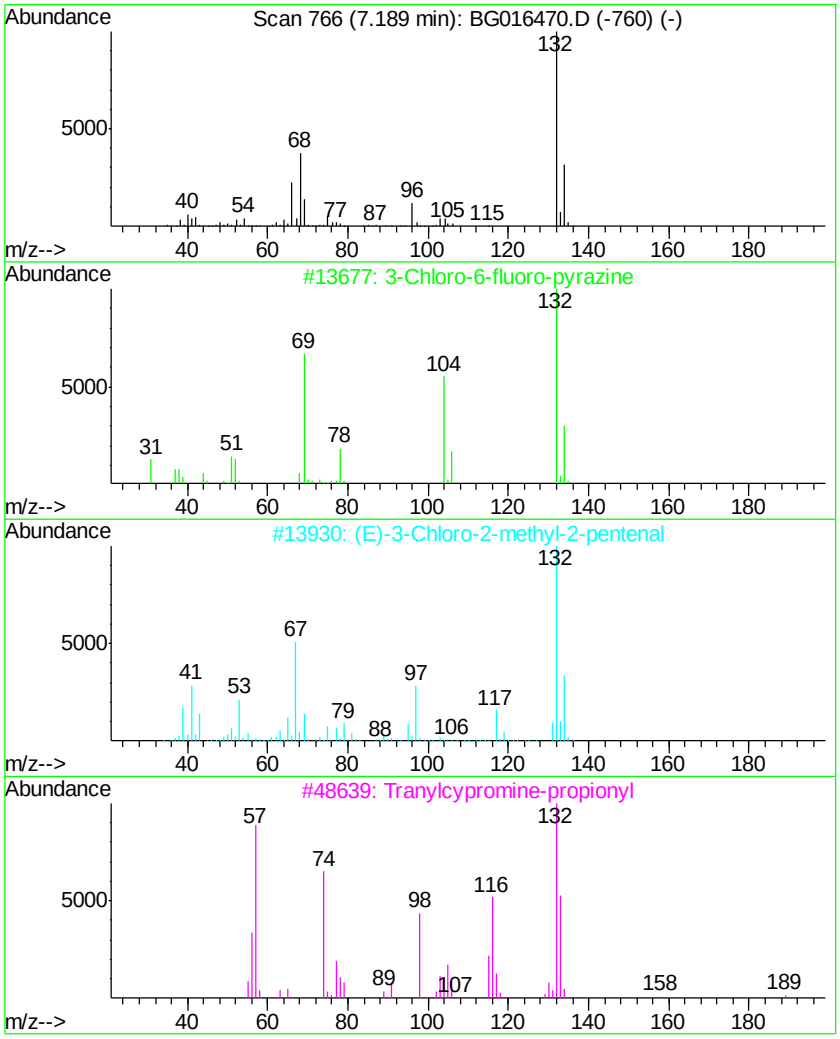
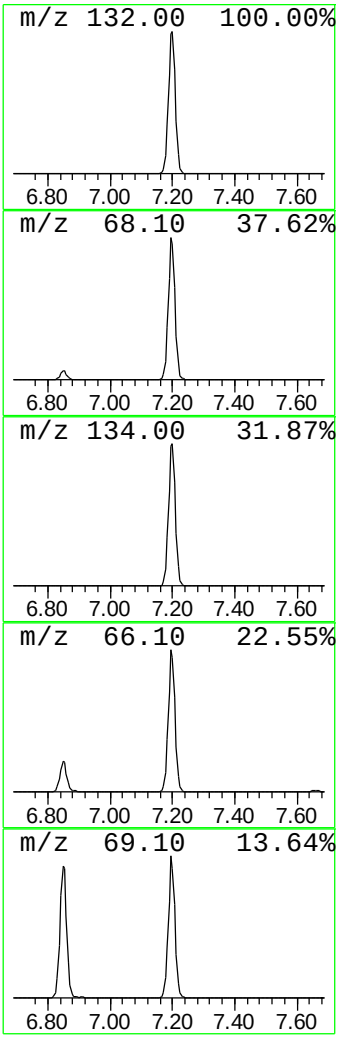
Peak Number 4 unknown7.19 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	56.75 ng	1082440	1,4-Dichlorobenzene-d4	7.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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ClientSampleId : SB-14-COMP

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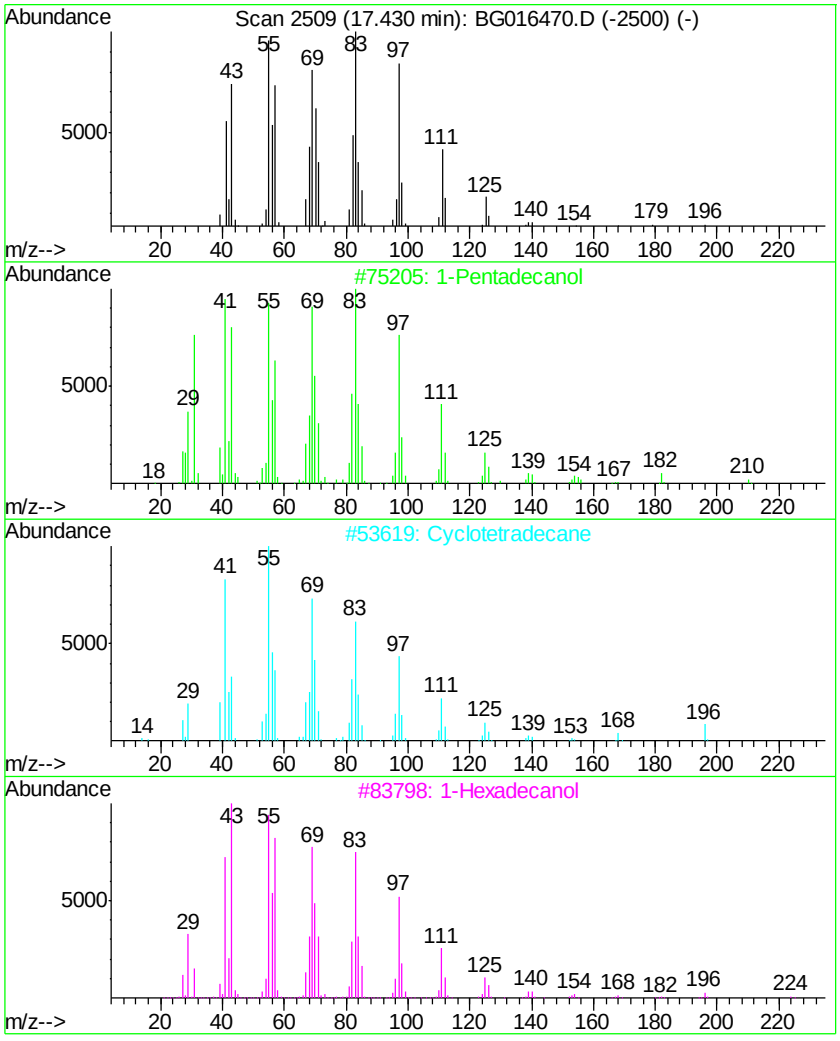
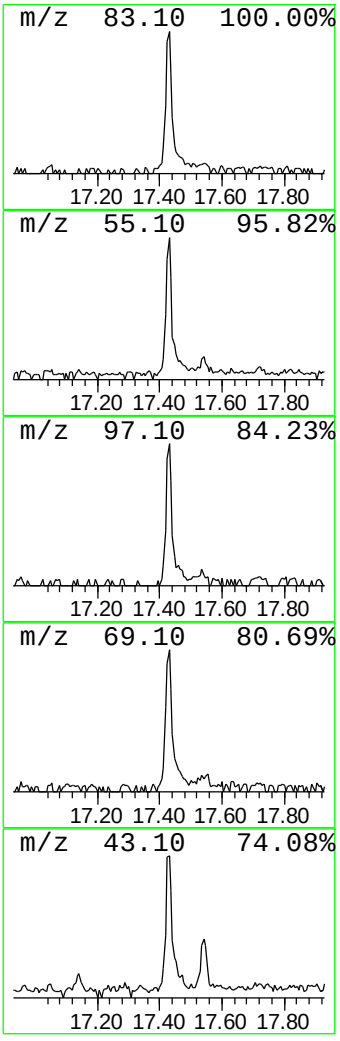
Peak Number 6 1-Pentadecanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.43	2.10 ng	97242	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecanol	228	C15H32O	000629-76-5	94
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
5	1-Tetradecanol	214	C14H30O	000112-72-1	74





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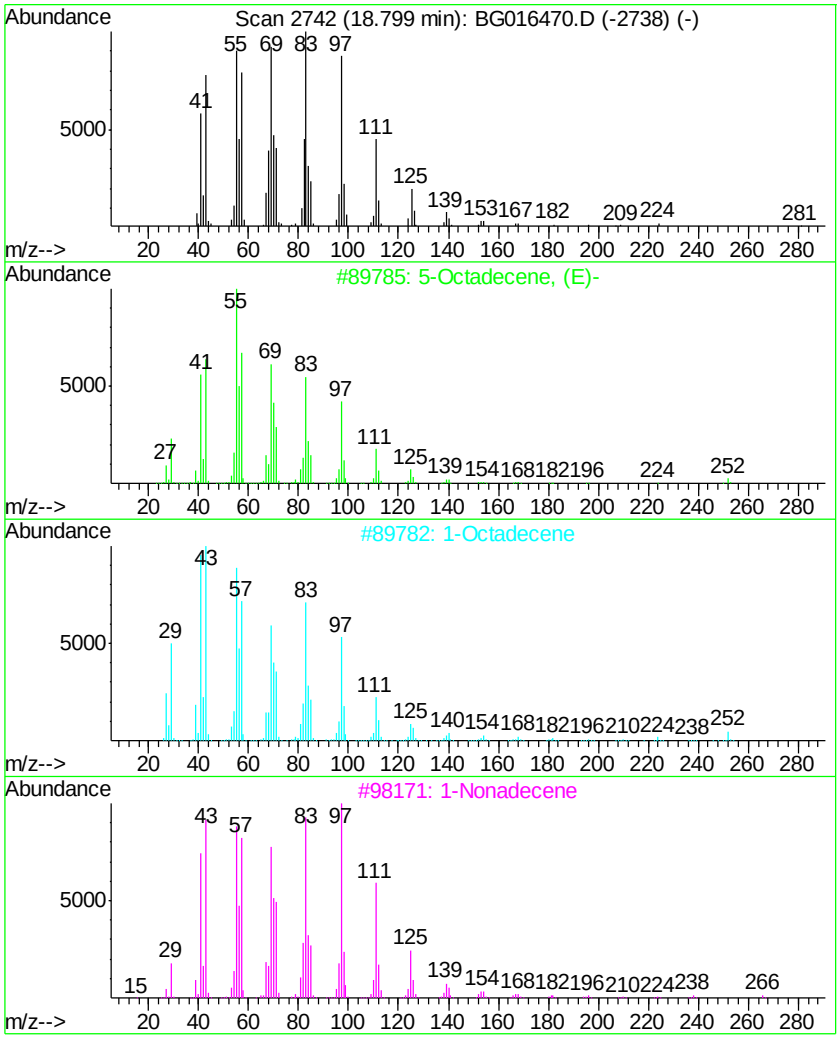
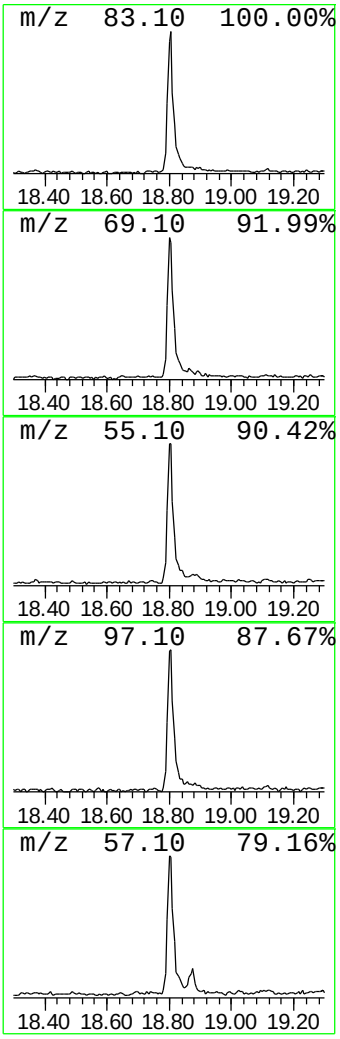
Peak Number 7 5-Octadecene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	5.40 ng	250569	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	98
2	1-Octadecene	252	C18H36	000112-88-9	96
3	1-Nonadecene	266	C19H38	018435-45-5	95
4	1-Octadecanol	270	C18H38O	000112-92-5	94
5	1-Heptadecanol	256	C17H36O	001454-85-9	91





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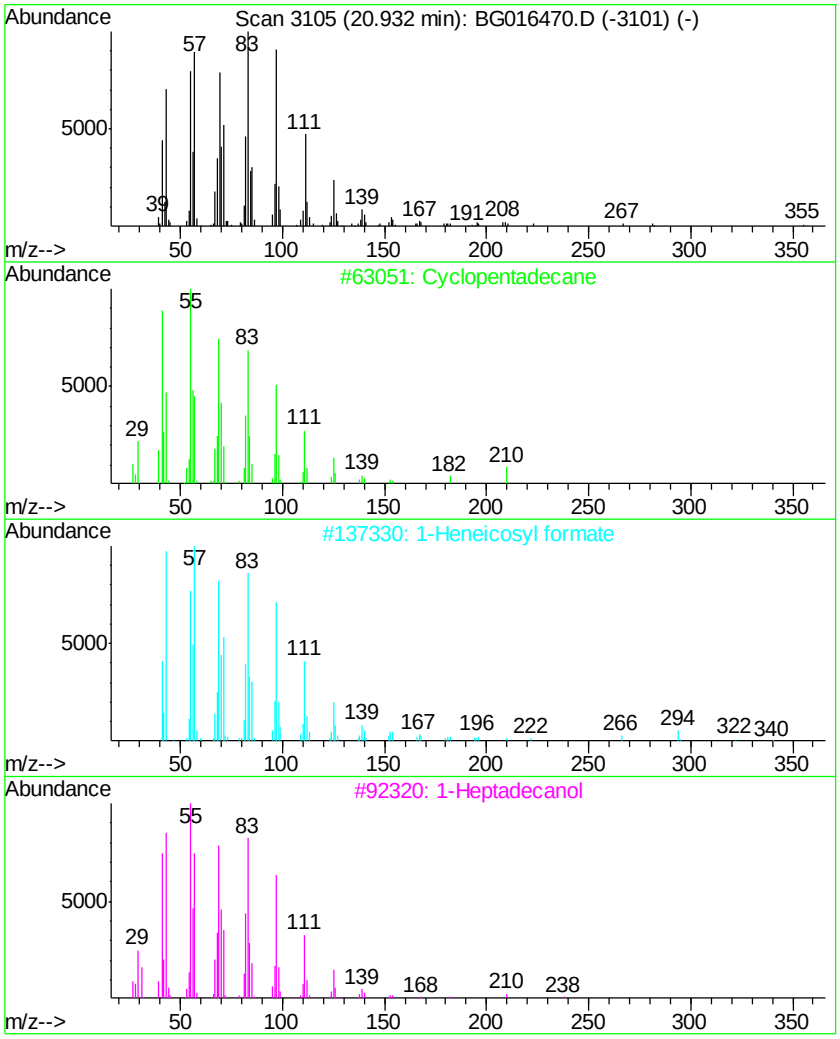
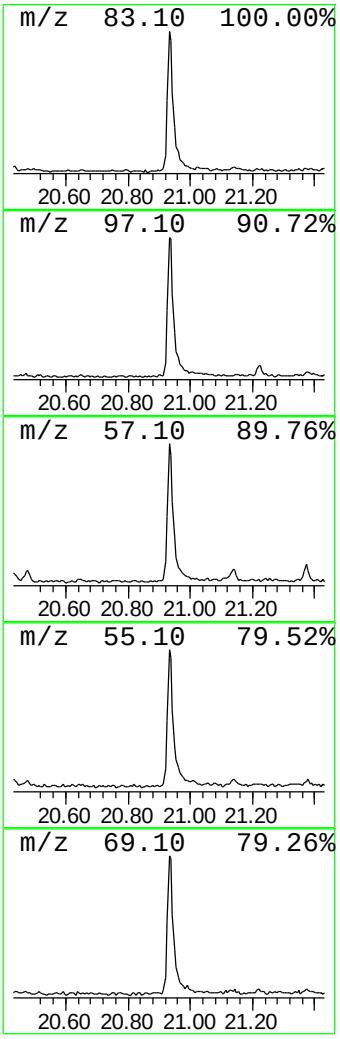
Peak Number 8 Cyclopentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.50 ng	291577	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	1-Heptadecanol	256	C17H36O	001454-85-9	91
4	1-Hexadecanol	242	C16H34O	036653-82-4	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.84	5.7	ng	107745	1	7.66	381466	20.0
unknown4.77	4.77	7.9	ng	150093	1	7.66	381466	20.0
unknown7.19	7.19	56.8	ng	1082440	1	7.66	381466	20.0
1-Pentadecanol	17.43	2.1	ng	97242	4	17.04	927602	20.0
5-Octadecene, (E)-	18.80	5.4	ng	250569	4	17.04	927602	20.0
Cyclopentadecane	20.93	5.5	ng	291577	5	21.23	1059510	20.0