LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010915\
Data File : BG015874.D
Acq On : 9 Jan 2015 17:46
Operator : TP/IZ
Sample : G1055-01
Misc : S
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-E5-E6-E7-E8

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-BG010515.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	2.750	5	10	21	rBV	733918	1007523	73.88%	9.969%
2	2.885	28	33	39	rBV3	27477	56513	4.14%	0.559%
3	2.961	42	46	52	rBV	131004	185908	13.63%	1.839%
4	4.871	365	371	379	rBV2	74134	122615	8.99%	1.213%
5	5.335	443	450	462	rBV	337509	548718	40.24%	5.429%
6	6.921	713	720	731	rVB	328426	585333	42.92%	5.791%
7	7.274	772	780	789	rBV	368223	619339	45.41%	6.128%
8	7.732	849	858	865	rBV	142358	222591	16.32%	2.202%
9	8.049	904	912	919	rBV	287130	477340	35.00%	4.723%
10	8.884	1047	1054	1060	rBV	222970	383250	28.10%	3.792%
11	10.517	1324	1332	1340	rVB	171526	292678	21.46%	2.896%
12	12.991	1746	1753	1759	rVB	588485	862838	63.27%	8.537%
13	13.825	1888	1895	1900	rBV2	46305	66272	4.86%	0.656%
14	14.371	1980	1988	1994	rVB	274816	393798	28.88%	3.896%
15	15.729	2215	2219	2223	rVB2	27143	35780	2.62%	0.354%
16	15.864	2235	2242	2251	rBV	624760	916199	67.18%	9.065%
17	17.115	2449	2455	2462	rBV2	370224	528702	38.77%	5.231%
18	17.245	2473	2477	2480	rVB5	9112	13859	1.02%	0.137%
19	18.014	2603	2608	2617	rBV6	44185	68374	5.01%	0.677%
20	19.301	2822	2827	2835	rBV10	14971	35377	2.59%	0.350%
21	19.747	2897	2903	2907	rBV	1072256	1363738	100.00%	13.493%
22	21.017	3115	3119	3127	rBV5	53739	112004	8.21%	1.108%
23	21.299	3162	3167	3173	rBV	528423	697887	51.17%	6.905%
24	23.572	3547	3554	3564	rBV	238964	510142	37.41%	5.048%

Sum of corrected areas: 10106778

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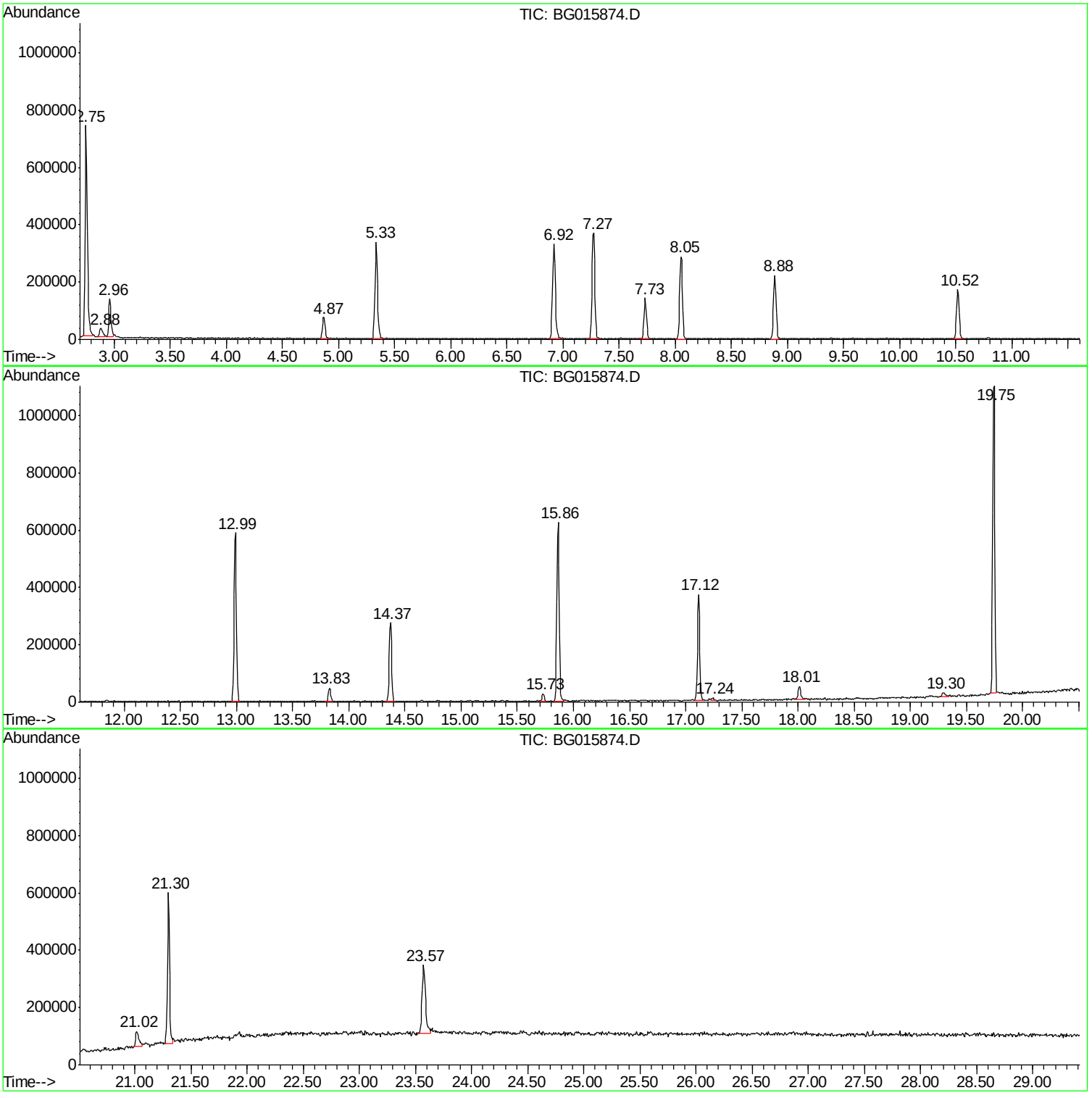
BNA_G
ClientSampleId :
FK-BPM-02-E5-E6-E7-E8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.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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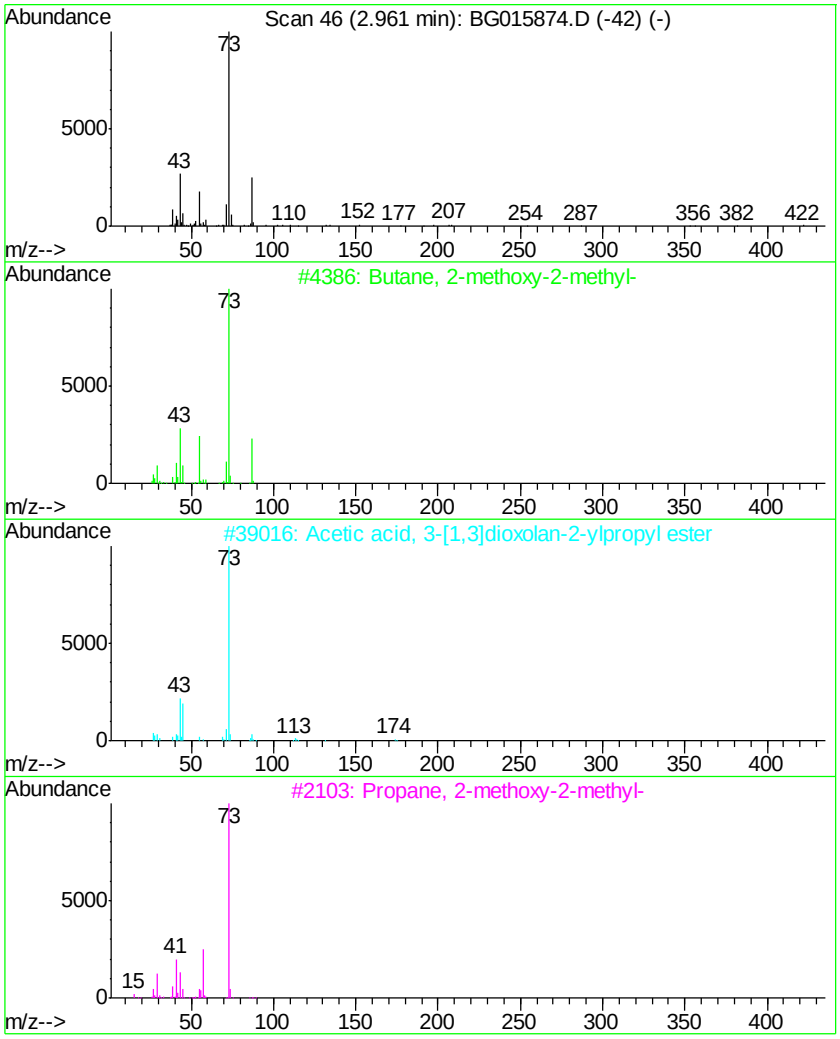
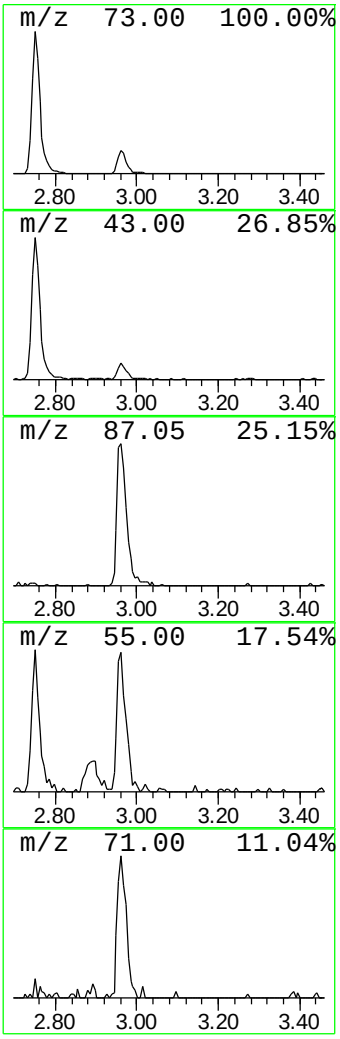
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	16.70 ng	185908	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	17
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	2,2'-Trimethylenebis-1,3-dioxolane	188	C9H16O4	006543-04-0	9
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	9





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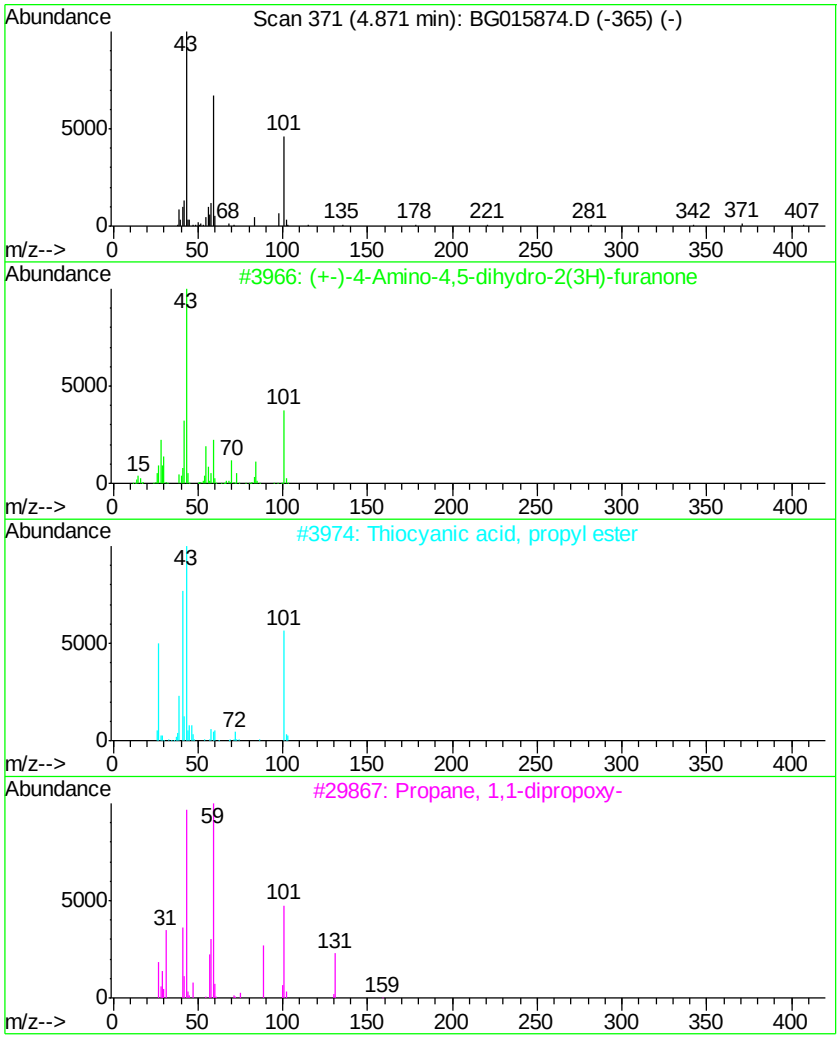
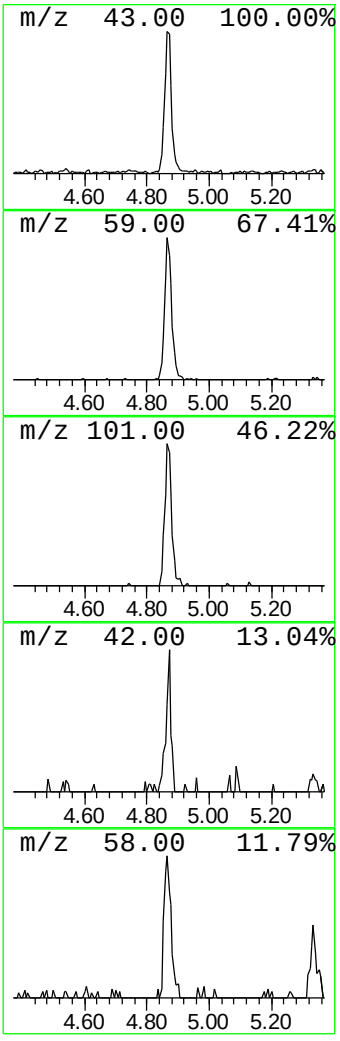
Peak Number 4 (+-)-4-Amino-4,5-dihydro-2(... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.87	11.02 ng	122615	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	72
2	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	43
3	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	36
4	Butanoic acid, 4-iodo-, methyl e...	228	C5H9IO2	014273-85-9	36
5	Butanoic acid, 4-(2,4,5-trichlor...	296	C11H11Cl3O3	025333-21-5	33





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Sample : G1055-01
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Instrument : BNA_G
ClientSampleId : FK-BPM-02-E5-E6-E7-E8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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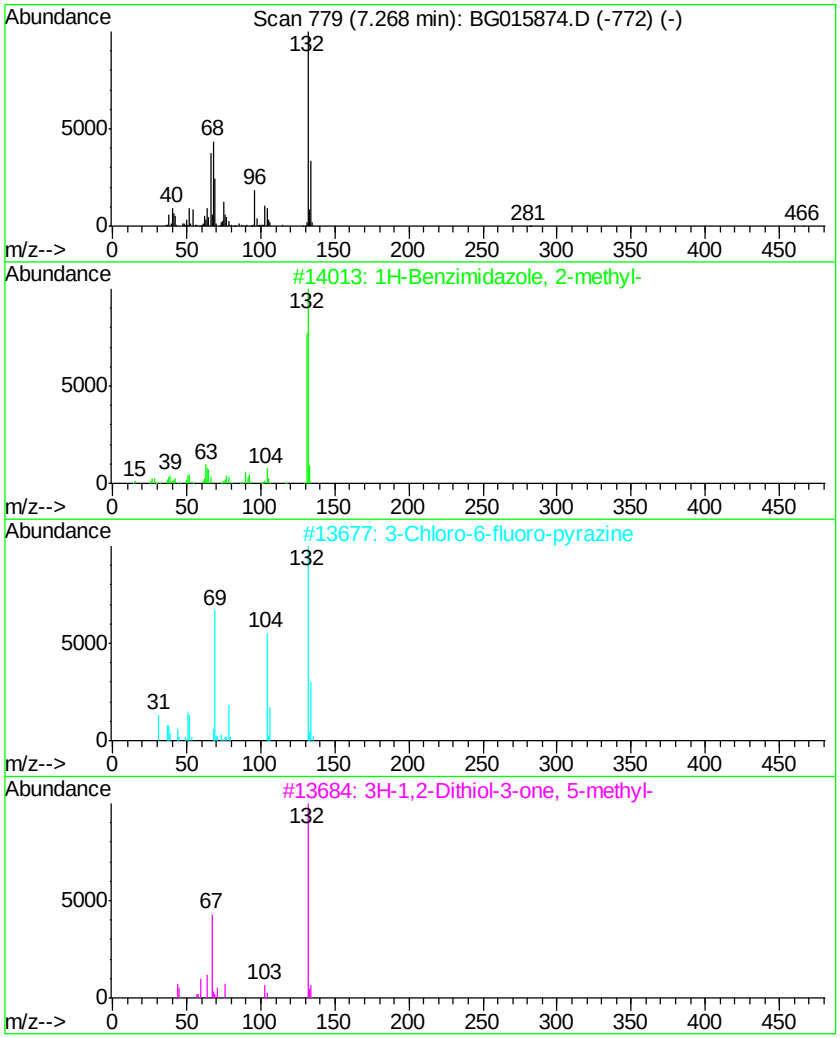
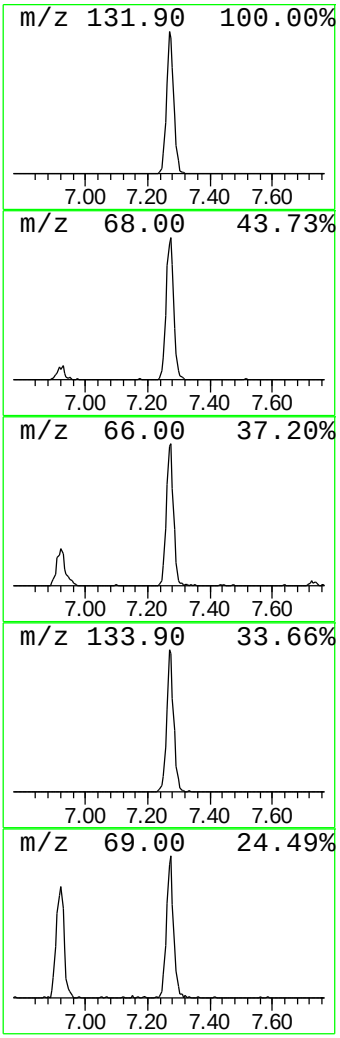
Peak Number 5 unknown7.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.27	55.65 ng	619339	1,4-Dichlorobenzene-d4	7.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10
4	1H-Indenol	132	C9H8O	056631-57-3	10
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-E5-E6-E7-E8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
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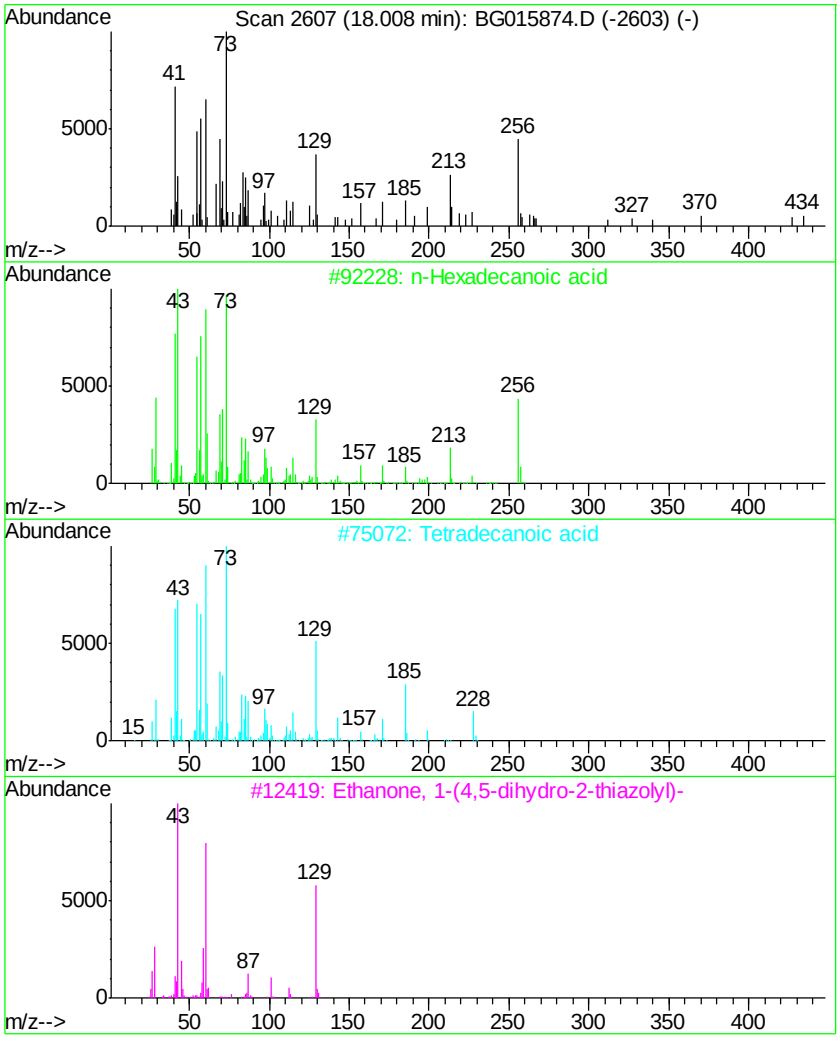
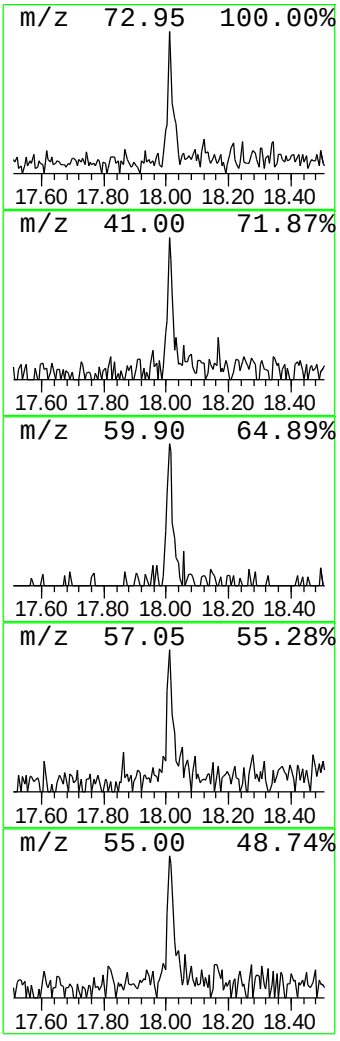
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.59 ng	68374	Phenanthrene-d10	17.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	78
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	35
3	Ethanone, 1-(4,5-dihydro-2-thiaz...	129	C5H7NOS	029926-41-8	27
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	25
5	Nonanoic acid	158	C9H18O2	000112-05-0	18





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG010515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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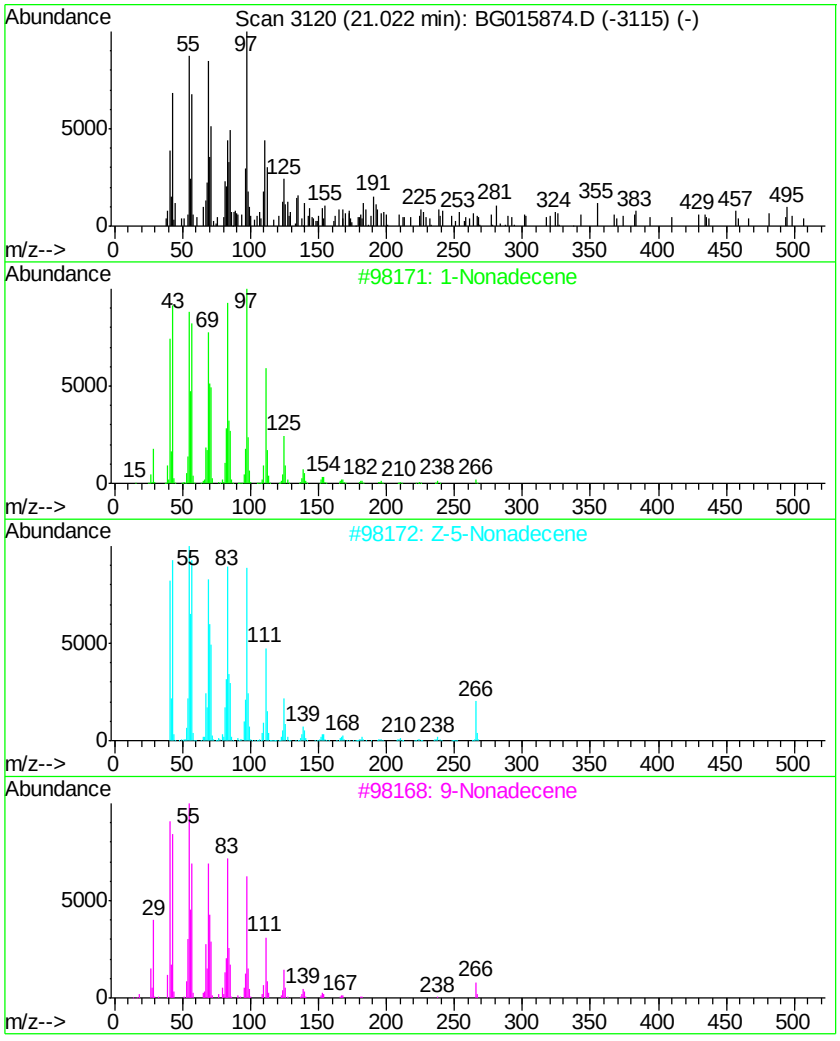
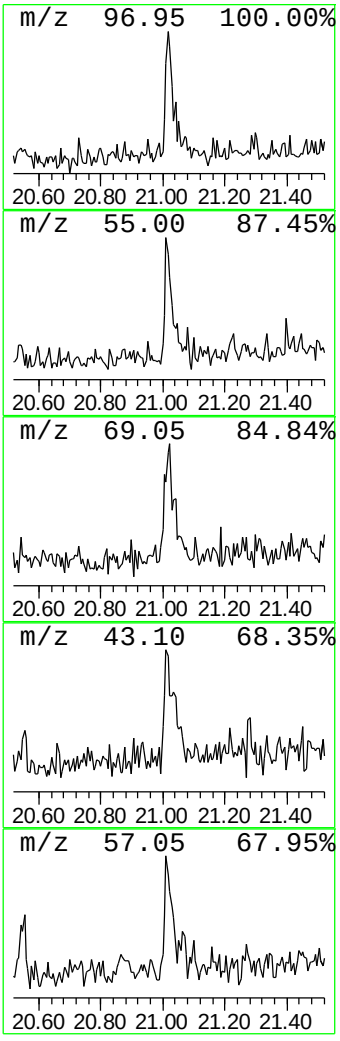
Peak Number 8 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.02	3.21 ng	112004	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	81
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	81
3	9-Nonadecene	266	C19H38	031035-07-1	81
4	Cycloeicosane	280	C20H40	000296-56-0	74
5	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	62





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.96	16.7	ng	185908	1	7.73	222591	20.0
(+-)-4-Amino-4,5-...	4.87	11.0	ng	122615	1	7.73	222591	20.0
unknown7.27	7.27	55.6	ng	619339	1	7.73	222591	20.0
n-Hexadecanoic acid	18.01	2.6	ng	68374	4	17.12	528702	20.0
1-Nonadecene	21.02	3.2	ng	112004	5	21.30	697887	20.0