LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

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-BG042315.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	2.748	5	10	23	rVB	364540	456108	14.09%	2.703%
2	4.698	337	342	351	rVB	92078	125195	3.87%	0.742%
3	5.186	419	425	436	rBV	242657	346351	10.70%	2.053%
4	6.790	692	698	713	rBV	146528	227742	7.03%	1.350%
5	7.131	749	756	769	rBV	480423	744941	23.01%	4.415%
6	7.589	828	834	843	rVB	154492	235317	7.27%	1.395%
7	7.912	881	889	900	rBV	786322	1235204	38.15%	7.321%
8	8.753	1025	1032	1048	rVB	597935	957287	29.56%	5.673%
9	10.374	1301	1308	1321	rBV	201808	349319	10.79%	2.070%
10	12.860	1725	1731	1744	rBV	1603960	2370299	73.20%	14.048%
11	14.246	1959	1967	1979	rVB2	324627	484806	14.97%	2.873%
12	14.575	2013	2023	2035	rBV	991738	1741125	53.77%	10.319%
13	14.981	2086	2092	2106	rBV	238024	402111	12.42%	2.383%
14	15.257	2133	2139	2144	rBV	82449	109351	3.38%	0.648%
15	15.739	2215	2221	2229	rBV	650144	879366	27.16%	5.212%
16	16.990	2428	2434	2442	rBV2	454414	603423	18.63%	3.576%
17	17.901	2584	2589	2605	rBV	143560	258727	7.99%	1.533%
18	19.182	2802	2807	2825	rBV	228699	403417	12.46%	2.391%
19	19.628	2877	2883	2894	rBV	2613430	3238161	100.00%	19.191%
20	20.891	3095	3098	3106	rVB3	27167	39717	1.23%	0.235%
21	21.179	3141	3147	3156	rBV	569866	737295	22.77%	4.370%
22	22.008	3284	3288	3293	rVB	177605	217134	6.71%	1.287%
23	23.382	3515	3522	3534	rBV	387437	710679	21.95%	4.212%

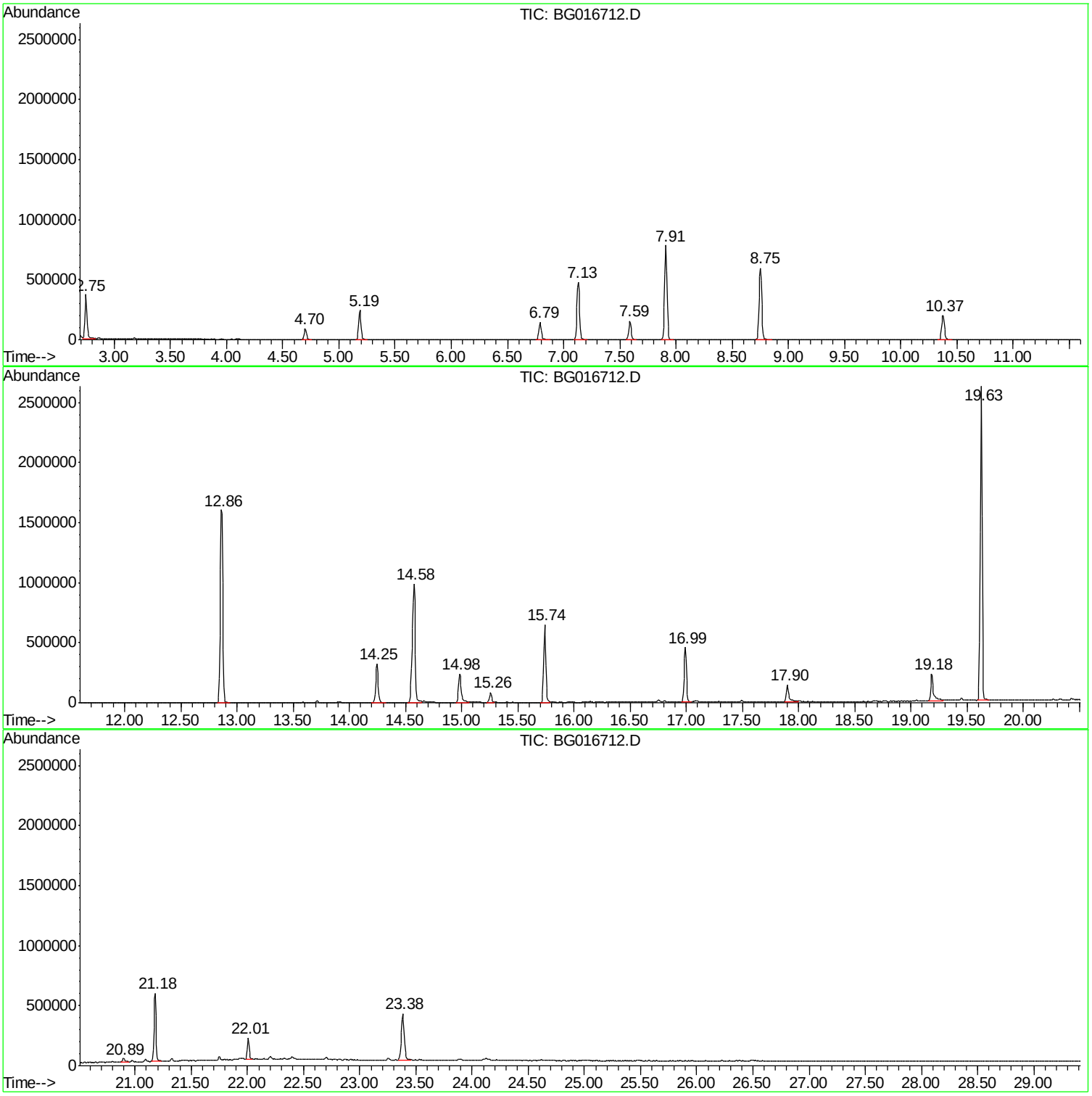
Sum of corrected areas: 16873075

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

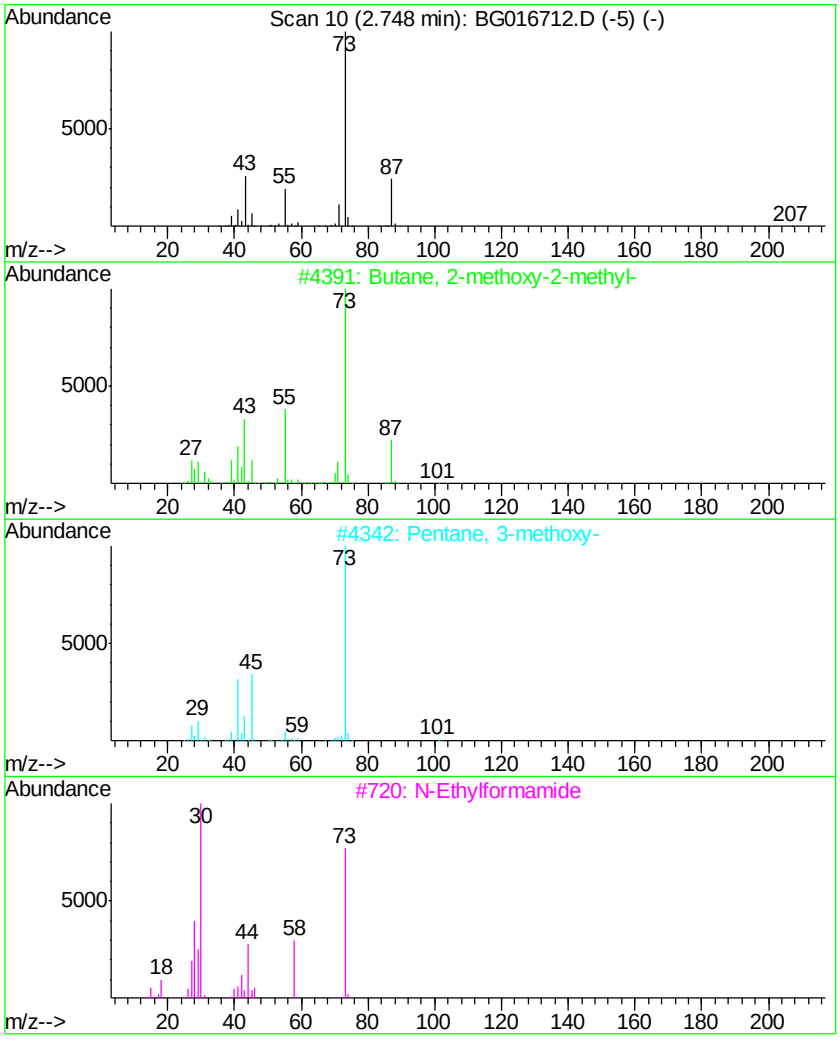
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

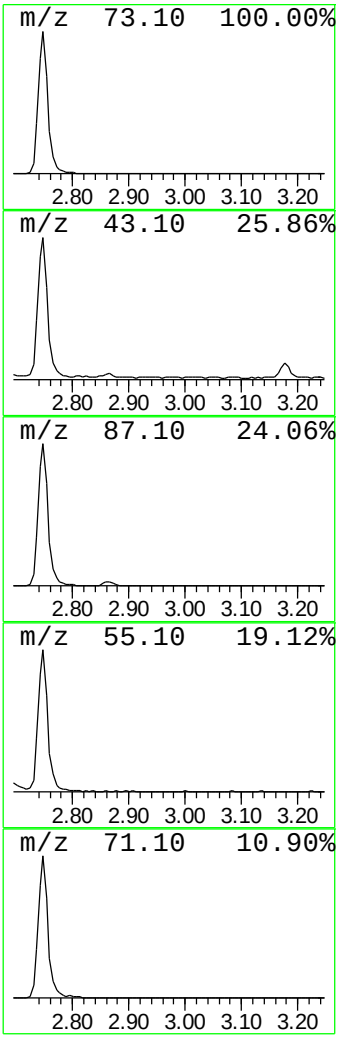
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.75	38.77 ng	456108	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

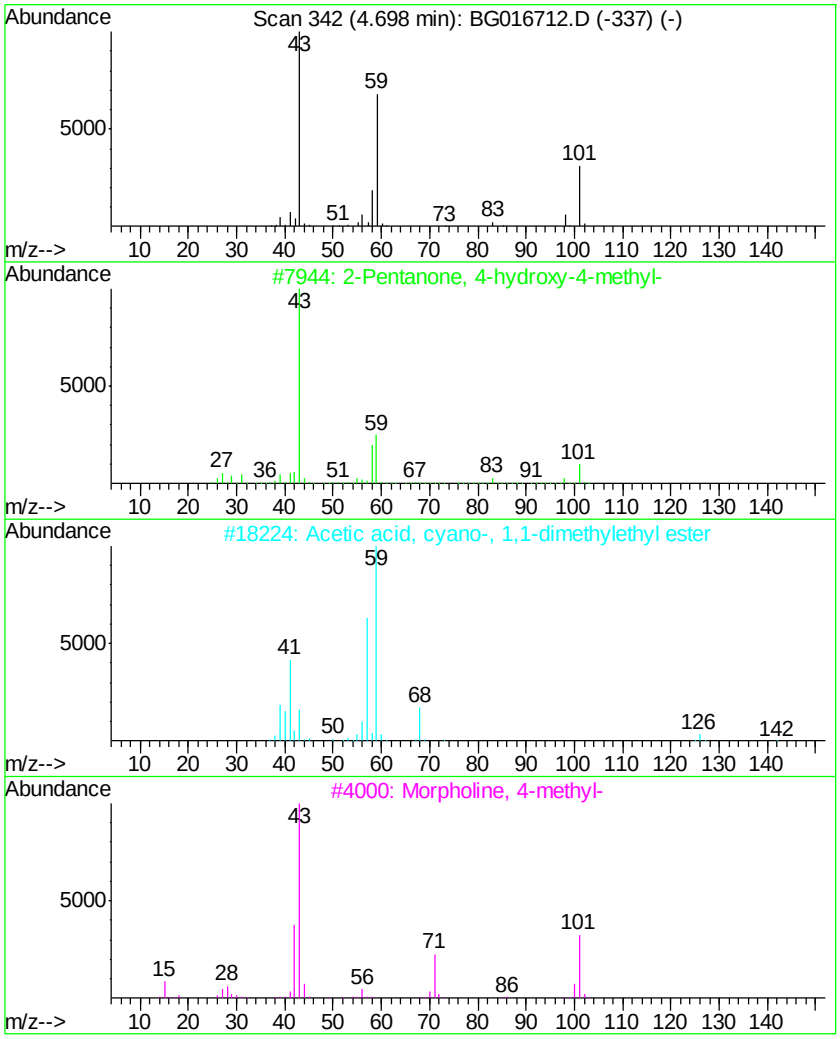
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

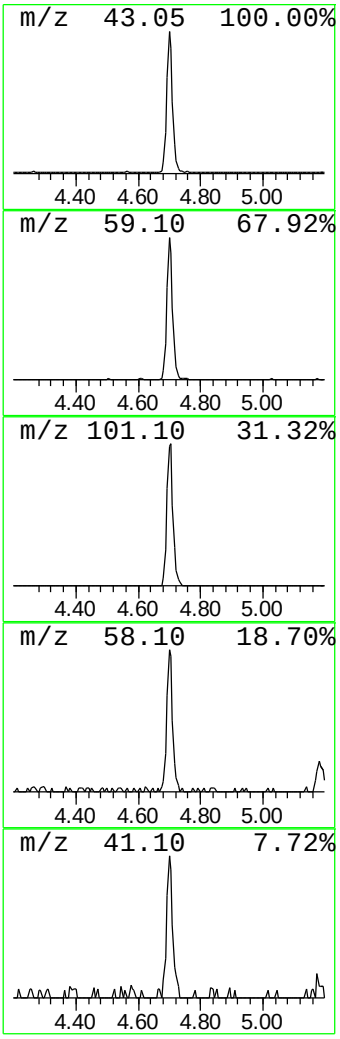
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	10.64 ng	125195	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

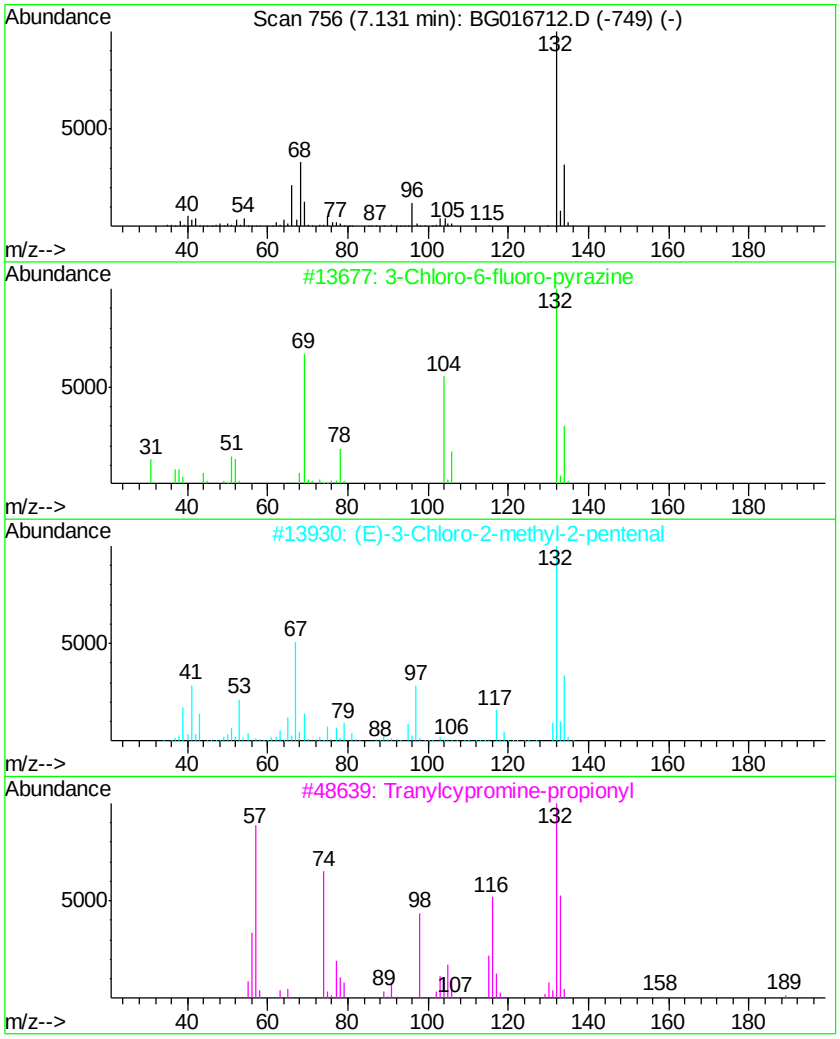
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

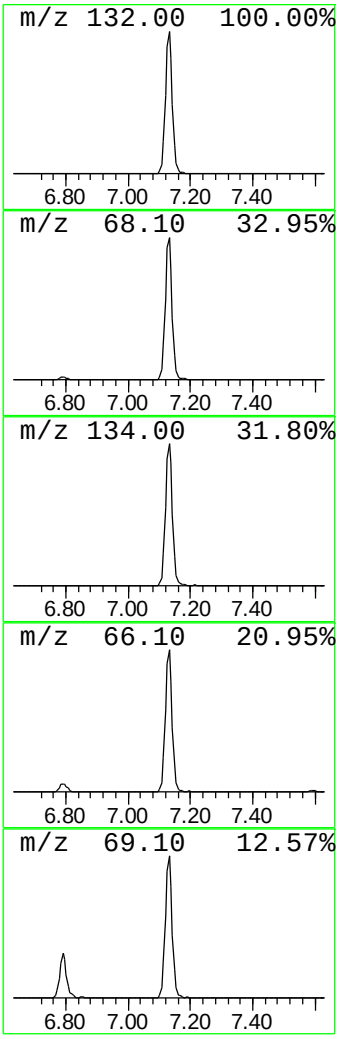
****

Peak Number 3 unknown7.13 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	63.31 ng	744941	1,4-Dichlorobenzene-d4	7.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

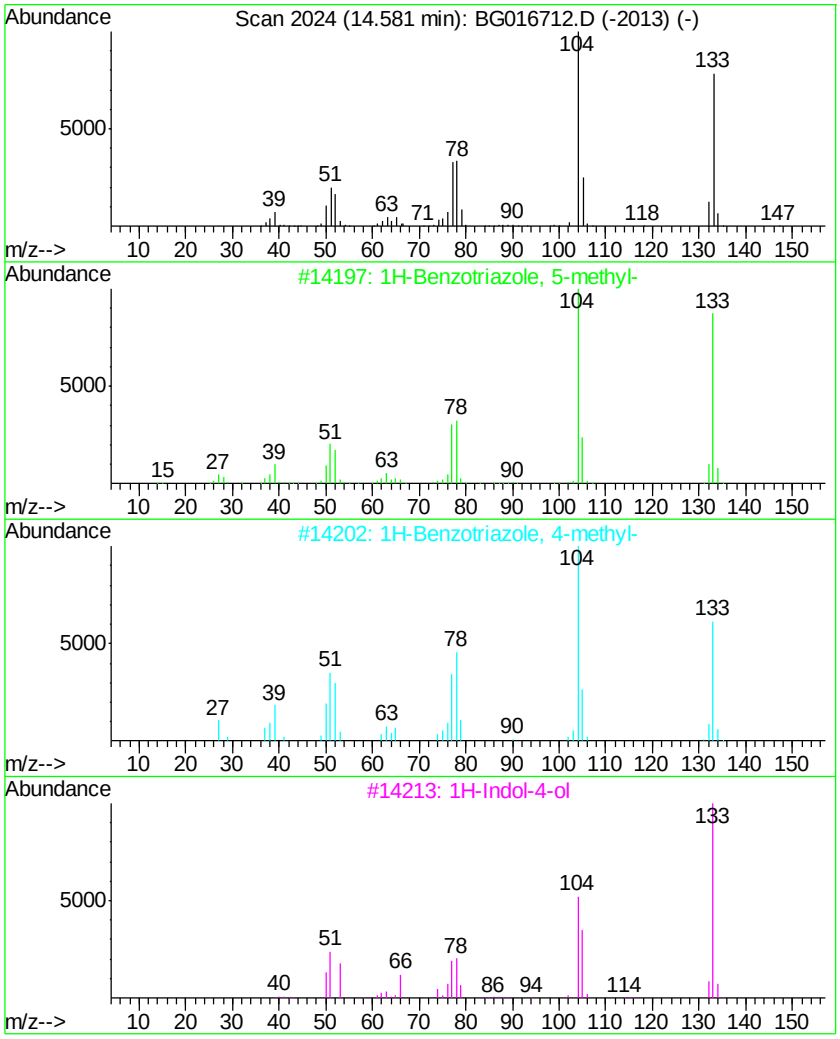
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

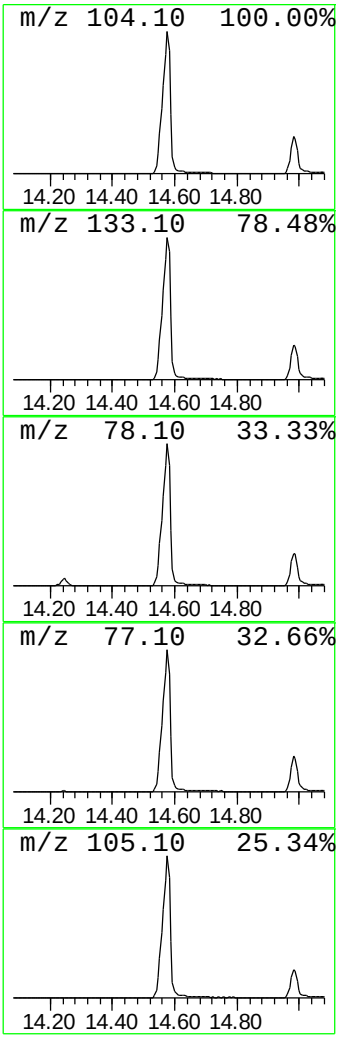
****

Peak Number 5 1H-Benzotriazole, 5-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	71.83 ng	1741130	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzotriazole, 5-methyl-	133	C7H7N3	000136-85-6	96
2	1H-Benzotriazole, 4-methyl-	133	C7H7N3	029878-31-7	95
3	1H-Indol-4-ol	133	C8H7NO	002380-94-1	68
4	2H-Indol-2-one, 1,3-dihydro-	133	C8H7NO	000059-48-3	68
5	1H-Indol-5-ol	133	C8H7NO	001953-54-4	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

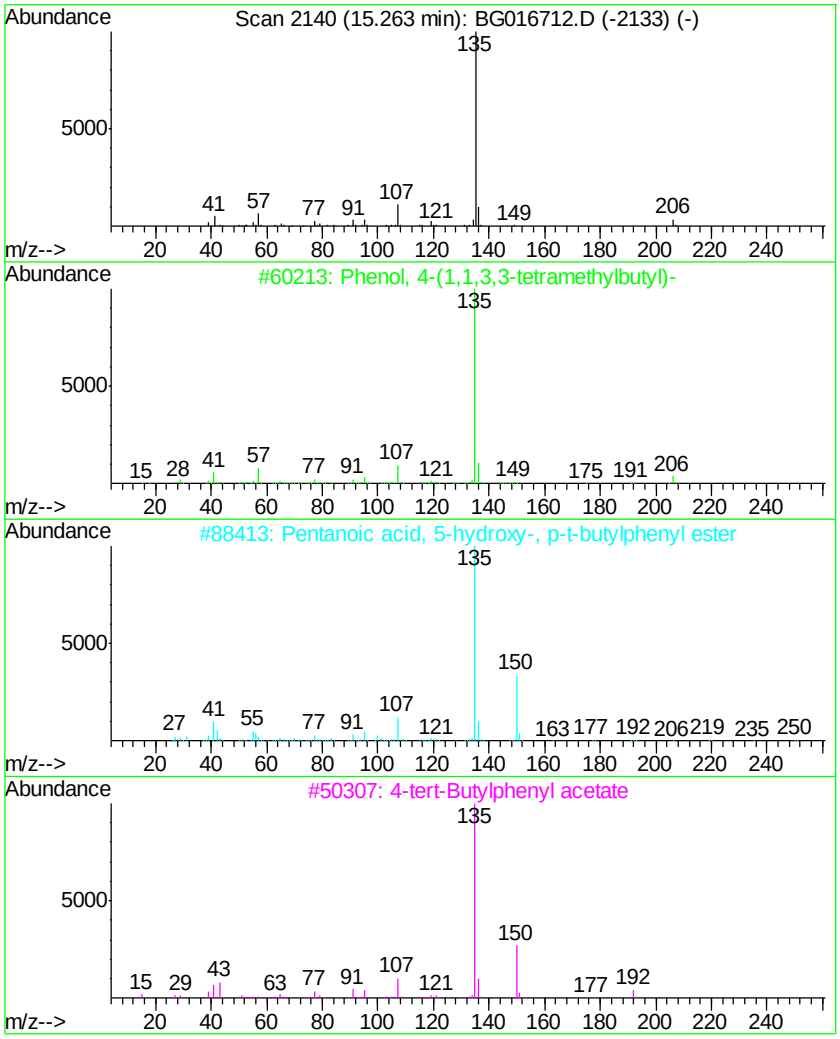
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

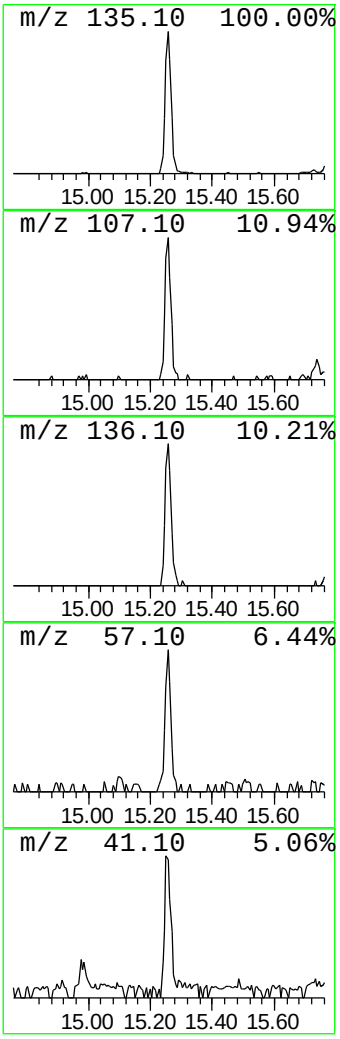
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	4.51 ng	109351	Acenaphthene-d10	14.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	91
2	Pentanoic acid, 5-hydroxy-, p-t-...	250	C15H22O3	166273-37-6	64
3	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	64
4	p-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-45-6	64
5	m-Anisic acid, cyclobutyl ester	206	C12H14O3	1000292-25-0	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

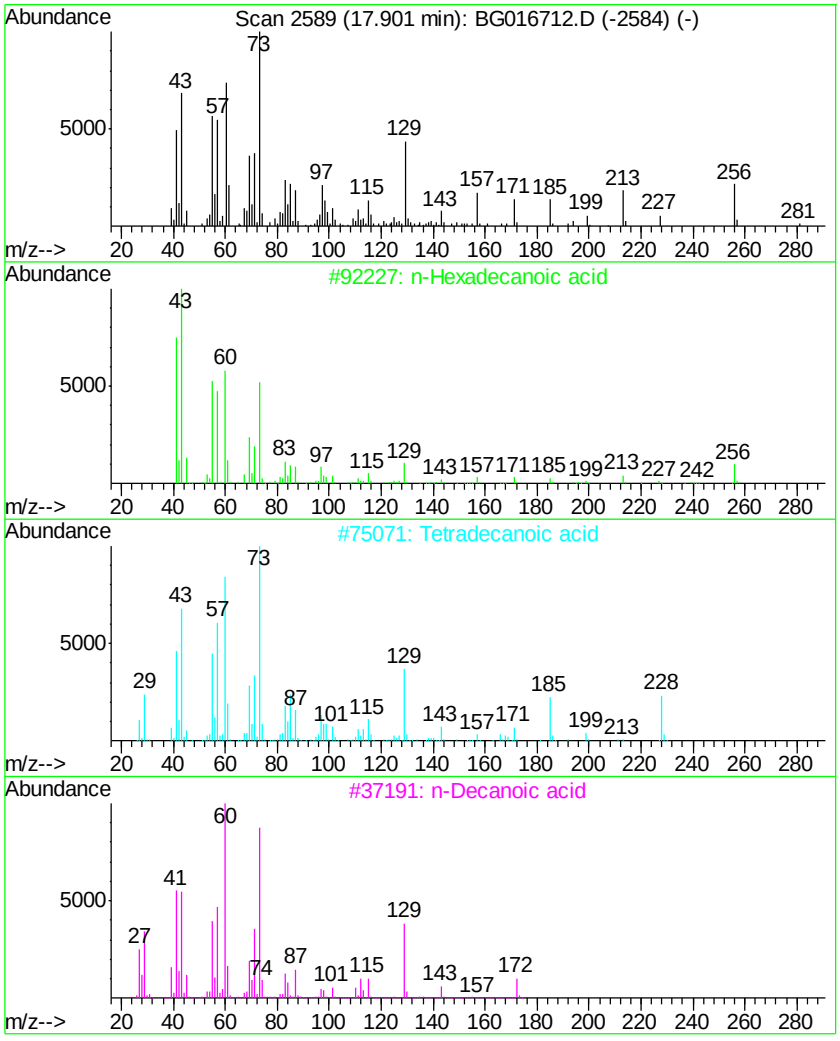
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

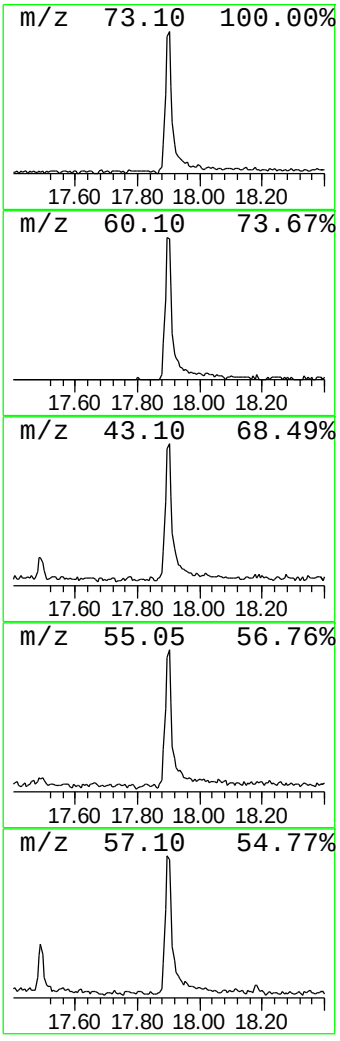
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.90	8.58 ng	258727	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5	Tridecanoic acid	214	C13H26O2	000638-53-9	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

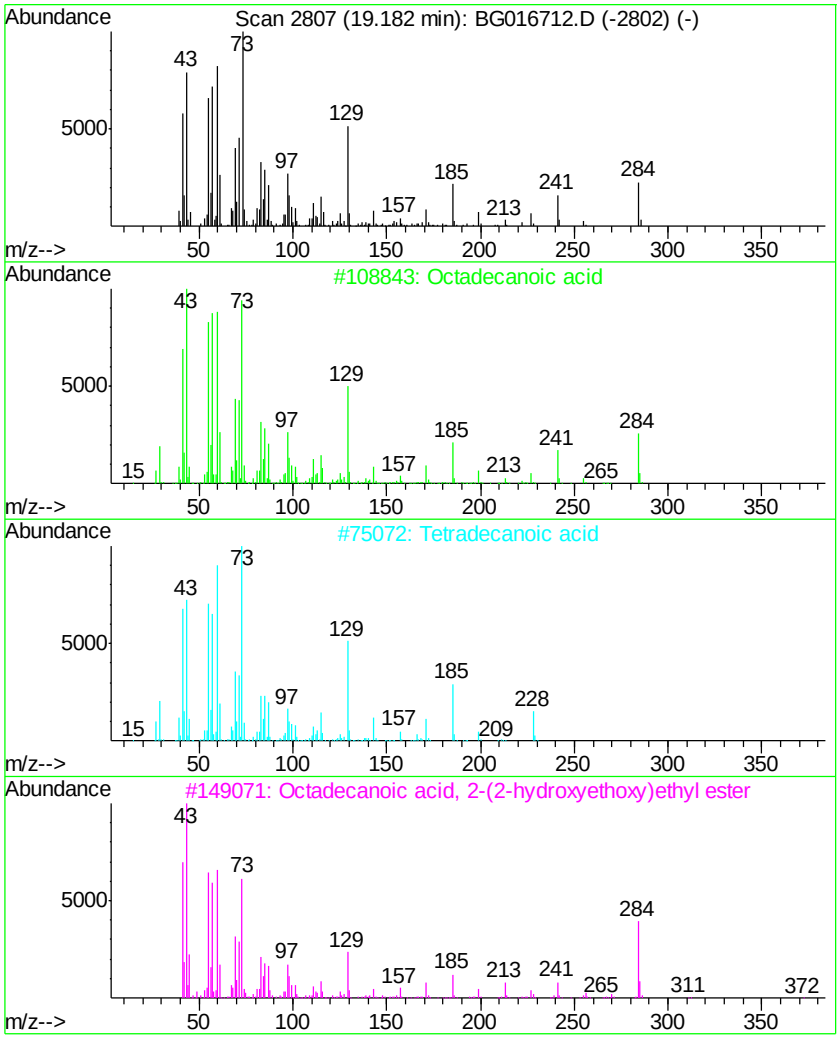
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

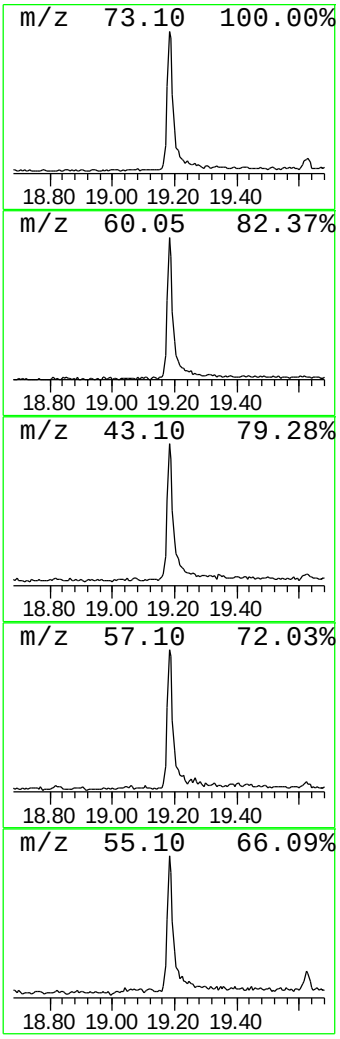
****

Peak Number 9 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.18	10.94 ng	403417	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Pentadecane	212	C15H32	000629-62-9	11





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

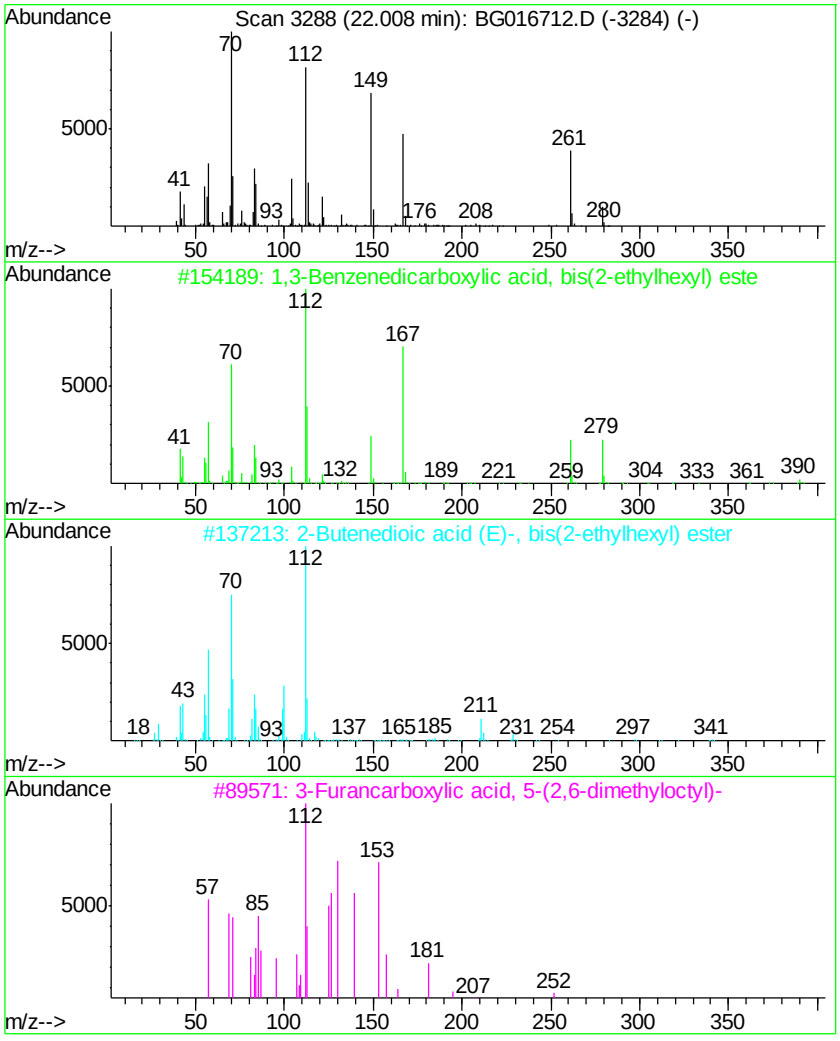
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

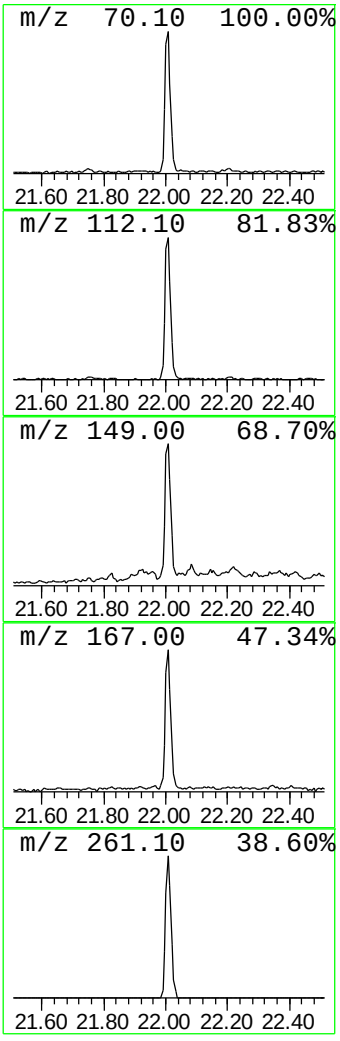
****

Peak Number 10 unknown22.01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.01	5.89 ng	217134	Chrysene-d12	21.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	38
2	2-Butenedioic acid (E)-, bis(2-e...	340	C20H36O4	000141-02-6	16
3	3-Furancarboxylic acid, 5-(2,6-d...	252	C15H24O3	064597-83-7	14
4	1,2-Cyclopentanedione, 3-methyl-	112	C6H8O2	000765-70-8	14
5	4-Methoxyanthranilic acid	167	C8H9NO3	004294-95-5	10





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042415\
Data File : BG016712.D
Acq On : 25 Apr 2015 11:54
Operator : TP/IZ
Sample : G2006-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-3B

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.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
Butane, 2-methoxy...	2.75	38.8	ng	456108	1	7.59	235317	20.0
2-Pentanone, 4-hy...	4.70	10.6	ng	125195	1	7.59	235317	20.0
unknown7.13	7.13	63.3	ng	744941	1	7.59	235317	20.0
1H-Benzotriazole,...	14.58	71.8	ng	1741130	3	14.25	484806	20.0
Phenol, 4-(1,1,3,...	15.26	4.5	ng	109351	3	14.25	484806	20.0
n-Hexadecanoic acid	17.90	8.6	ng	258727	4	16.99	603423	20.0
Octadecanoic acid	19.18	10.9	ng	403417	5	21.18	737295	20.0
unknown22.01	22.01	5.9	ng	217134	5	21.18	737295	20.0