LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016753.D
Acq On : 28 Apr 2015 5:10
Operator : TP/IZ
Sample : G1991-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

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	2.723	3	6	11	rVB	86832	104041	6.16%	0.718%
2	2.770	11	14	20	rVB2	20768	26057	1.54%	0.180%
3	4.679	333	339	347	rBV	167751	234963	13.91%	1.621%
4	5.167	416	422	434	rBV	846453	1186368	70.25%	8.183%
5	6.777	689	696	711	rBV	819045	1299113	76.93%	8.961%
6	7.112	746	753	767	rBV	881622	1360359	80.56%	9.383%
7	7.570	825	831	839	rBV	201157	300043	17.77%	2.070%
8	7.887	878	885	895	rBV	655283	1012439	59.95%	6.983%
9	8.733	1021	1029	1039	rBV	481016	768771	45.52%	5.303%
10	10.355	1297	1305	1318	rBV	270583	447112	26.48%	3.084%
11	11.683	1526	1531	1538	rBV	18188	29828	1.77%	0.206%
12	12.840	1721	1728	1744	rBV	1117951	1642037	97.24%	11.326%
13	13.687	1867	1872	1880	rBV	38430	57562	3.41%	0.397%
14	14.227	1955	1964	1974	rBV2	405620	598435	35.44%	4.128%
15	15.590	2190	2196	2202	rBV	90767	121076	7.17%	0.835%
16	15.719	2212	2218	2235	rBV	796822	1155375	68.42%	7.969%
17	15.943	2250	2256	2265	rBV5	7540	17544	1.04%	0.121%
18	16.971	2425	2431	2441	rBV	483259	657772	38.95%	4.537%
19	17.876	2581	2585	2593	rBV2	65478	98729	5.85%	0.681%
20	19.162	2801	2804	2811	rBV6	19228	33640	1.99%	0.232%
21	19.603	2874	2879	2887	rBV	1345559	1688717	100.00%	11.648%
22	20.872	3092	3095	3101	rBV	85864	124845	7.39%	0.861%
23	21.072	3126	3129	3134	rBV	107244	123436	7.31%	0.851%
24	21.160	3139	3144	3153	rBV	540492	686561	40.66%	4.736%
25	21.307	3167	3169	3173	rVB5	18626	21495	1.27%	0.148%
26	22.306	3336	3339	3344	rVB	37463	46444	2.75%	0.320%
27	23.358	3511	3518	3532	rBV	322562	655327	38.81%	4.520%

Sum of corrected areas: 14498089

LSC Report - Integrated Chromatogram

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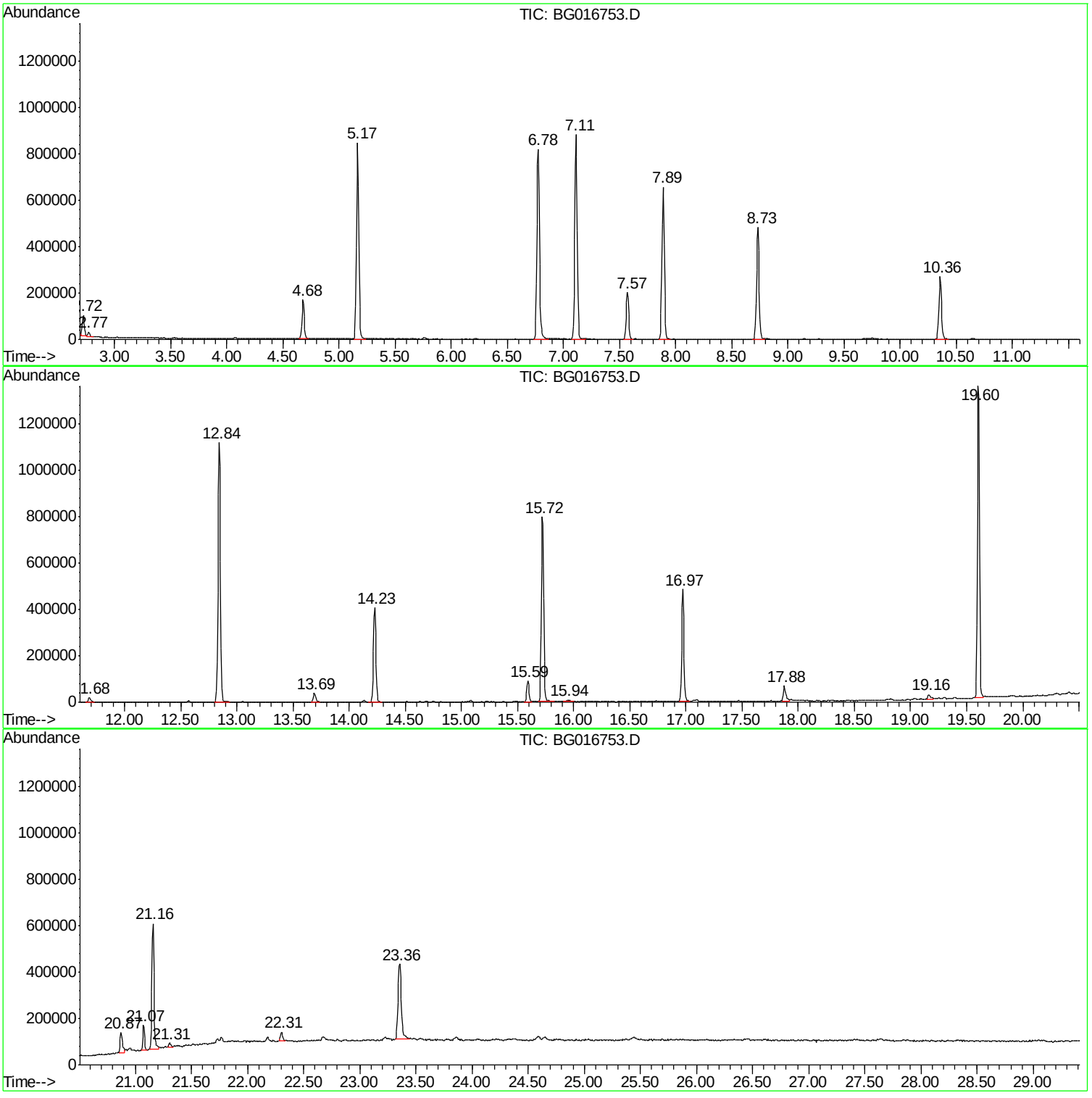
Instrument : BNA_G
ClientSampleId : SB-73D

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016753.D
Acq On : 28 Apr 2015 5:10
Operator : TP/IZ
Sample : G1991-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

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

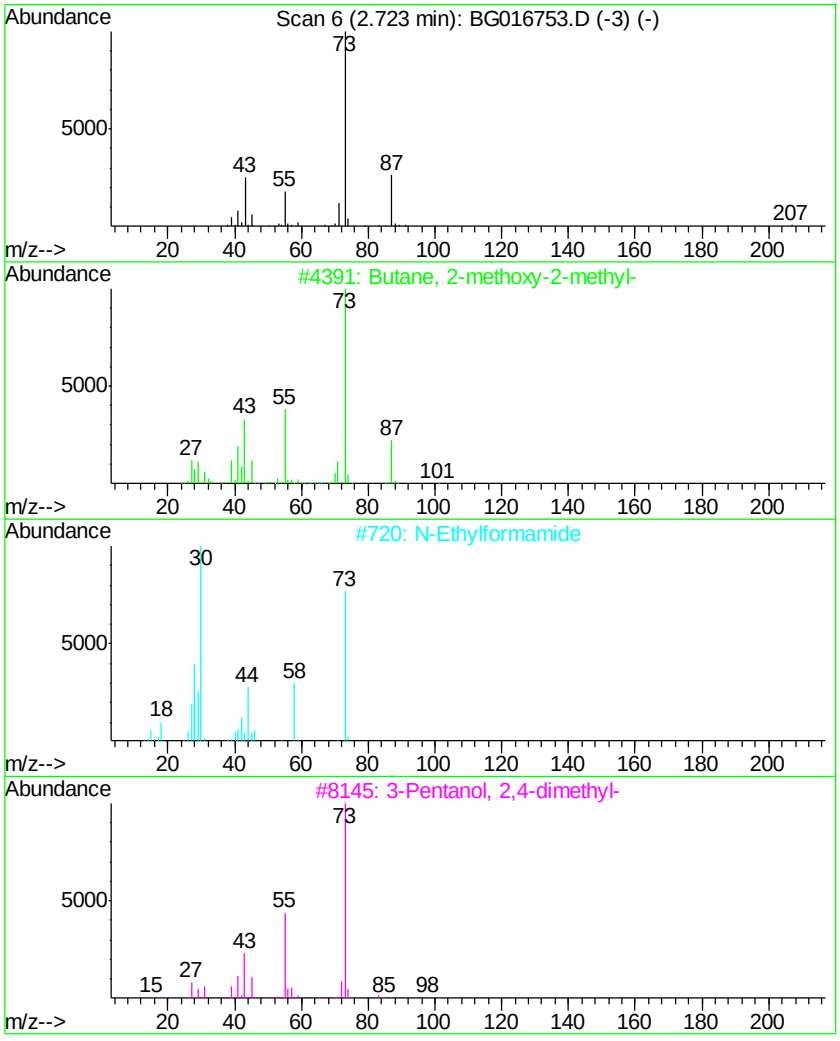
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

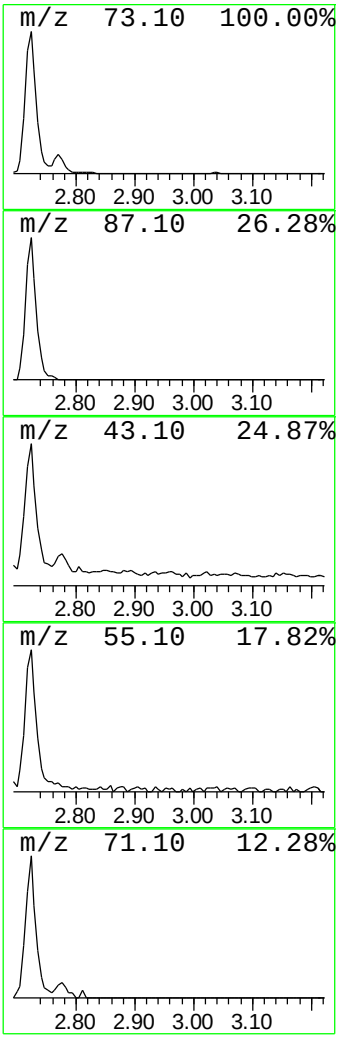
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	6.94 ng	104041	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	7





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Acq On : 28 Apr 2015 5:10
Operator : TP/IZ
Sample : G1991-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

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

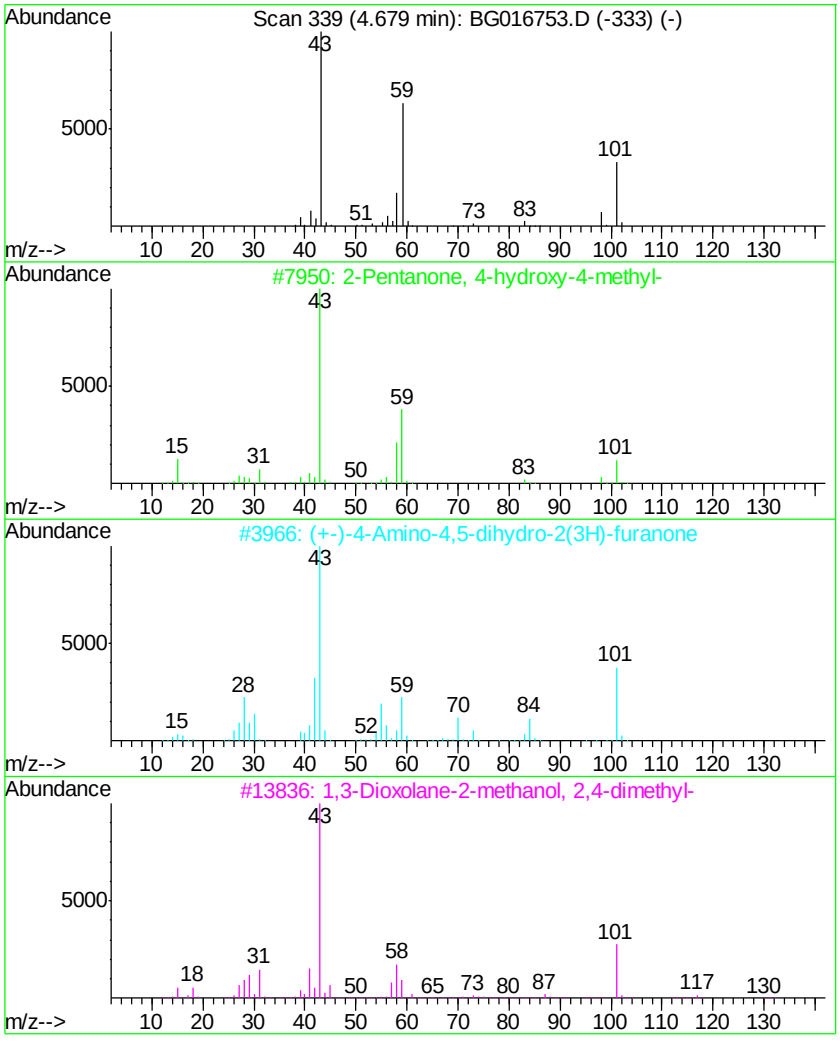
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

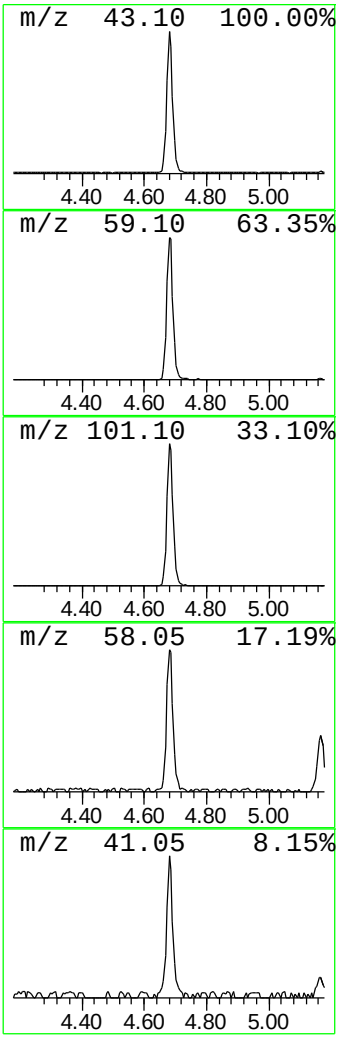
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	15.66 ng	234963	1,4-Dichlorobenzene-d4	7.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	25
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	23
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
Data File : BG016753.D
Acq On : 28 Apr 2015 5:10
Operator : TP/IZ
Sample : G1991-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

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

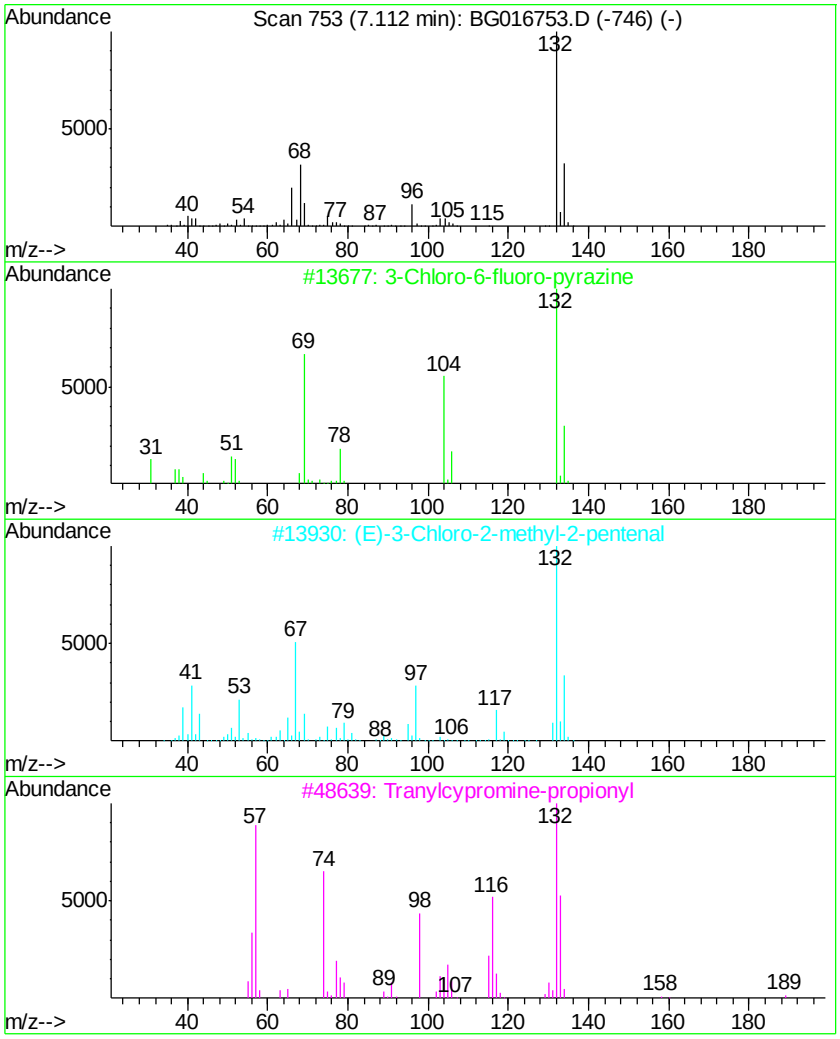
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

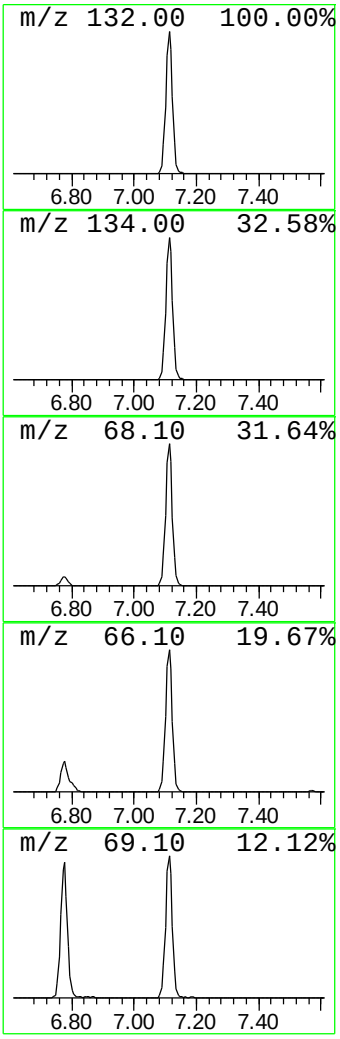
****

Peak Number 3 unknown7.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	90.68 ng	1360360	1,4-Dichlorobenzene-d4	7.57

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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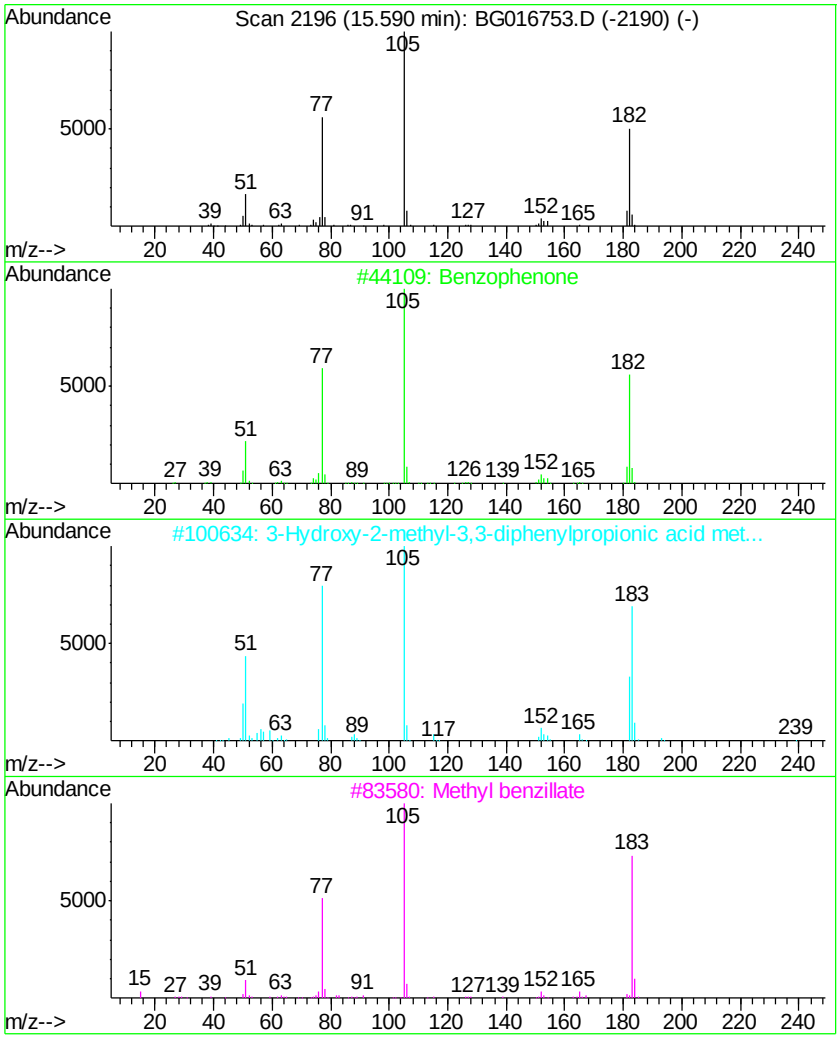
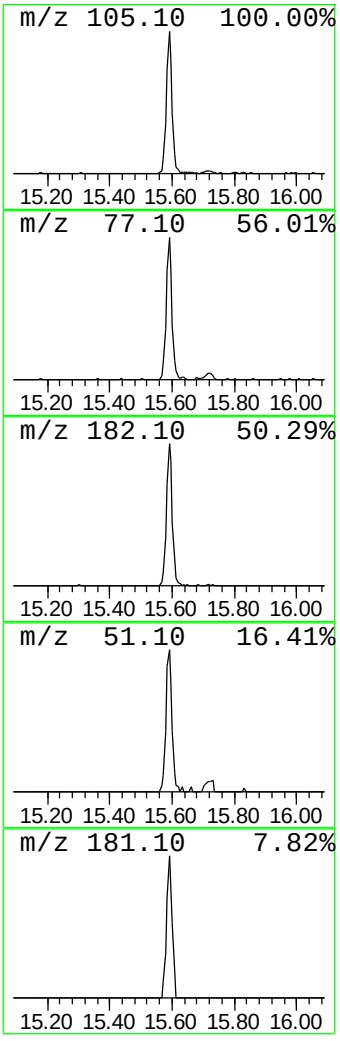
Peak Number 5 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	4.05 ng	121076	Acenaphthene-d10	14.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	3-Hydroxy-2-methyl-3,3-diphenylp...	270	C17H18O3	119020-91-6	53
3	Methyl benzillate	242	C15H14O3	000076-89-1	47
4	Azobenzene	182	C12H10N2	000103-33-3	47
5	2-Benzoyloxyacetophenone	240	C15H12O3	004010-33-7	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\
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Operator : TP/IZ
Sample : G1991-09
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-73D

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

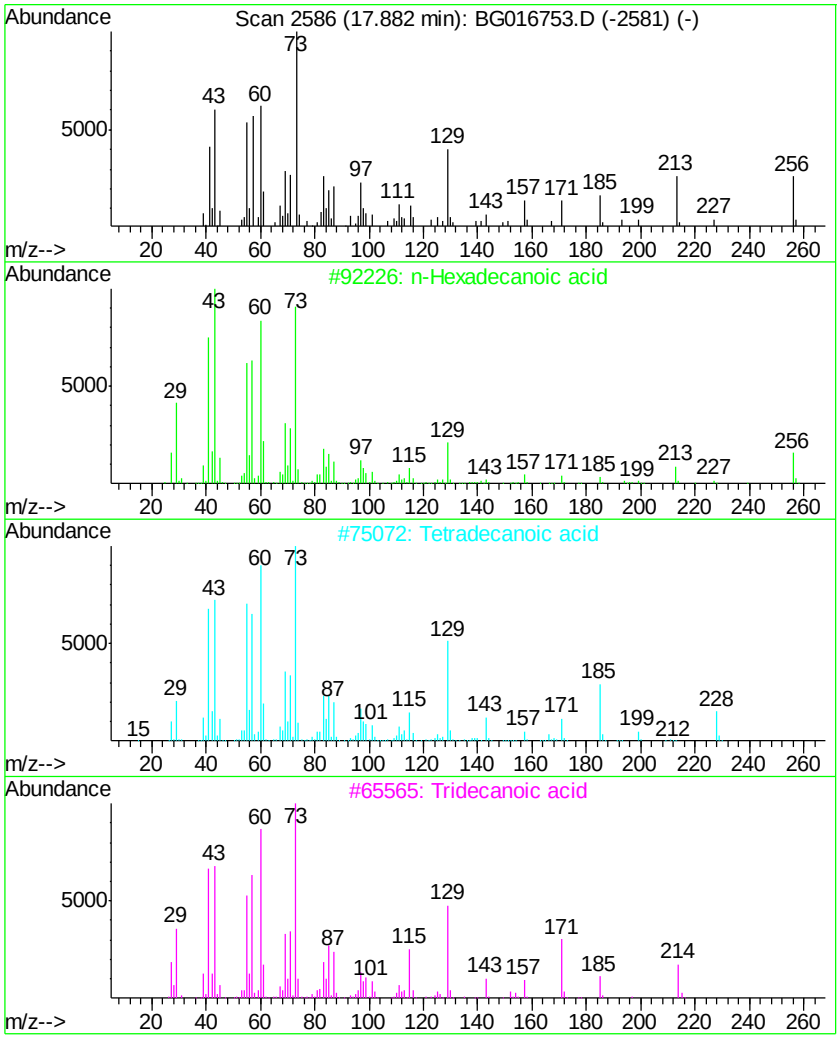
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

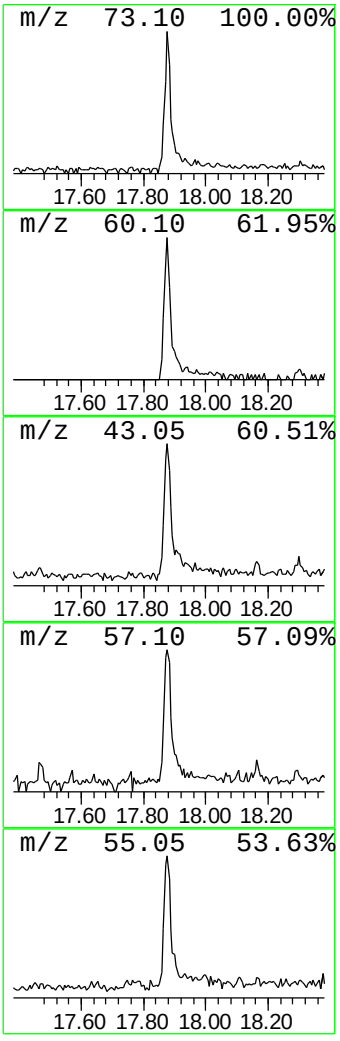
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.88	3.00 ng	98729	Phenanthrene-d10	16.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Tridecanoic acid	214	C13H26O2	000638-53-9	45
4	Dodecanoic acid	200	C12H24O2	000143-07-7	35
5	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	35





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Instrument : BNA_G
ClientSampleId : SB-73D

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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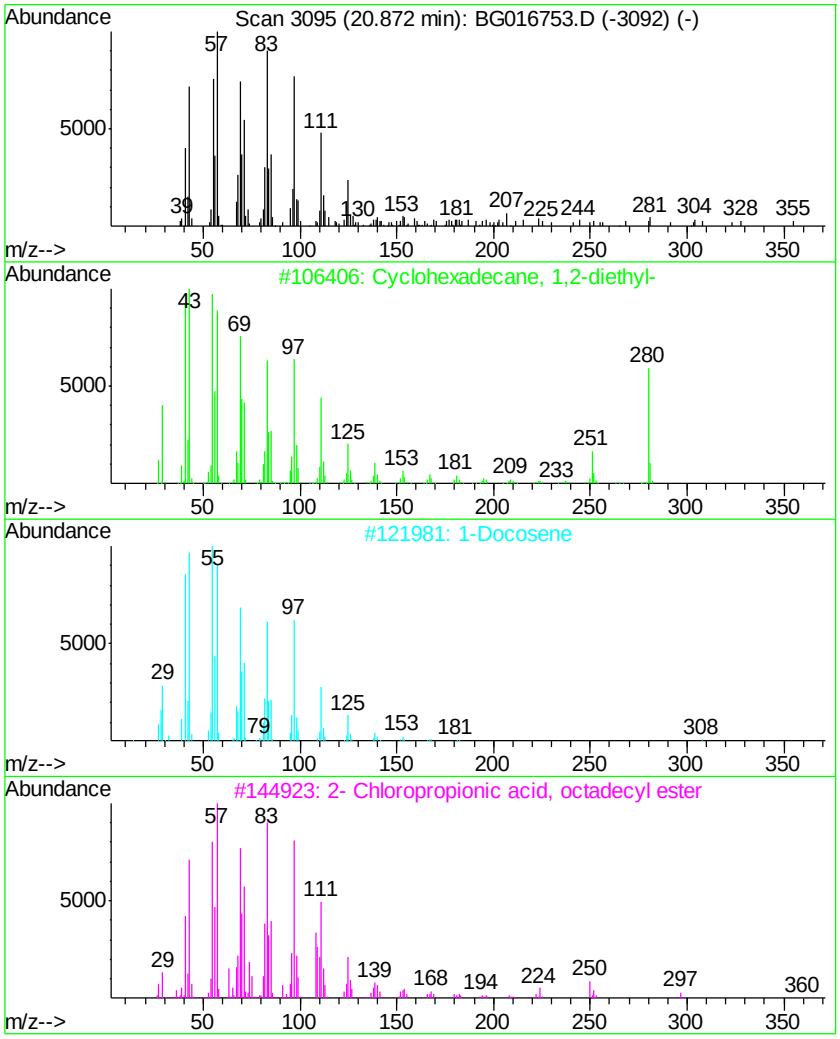
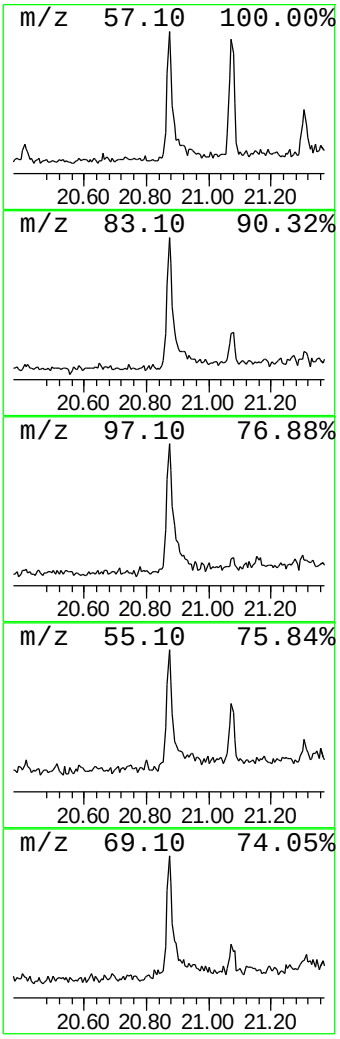
Peak Number 7 Cyclohexadecane, 1,2-diethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.64 ng	124845	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91
2	1-Docosene	308	C22H44	001599-67-3	90
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83
5	1-Eicosene	280	C20H40	003452-07-1	76





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...	2.72	6.9	ng	104041	1	7.57	300043	20.0
2-Pentanone, 4-hy...	4.68	15.7	ng	234963	1	7.57	300043	20.0
unknown7.11	7.11	90.7	ng	1360360	1	7.57	300043	20.0
Benzophenone	15.59	4.0	ng	121076	3	14.23	598435	20.0
n-Hexadecanoic acid	17.88	3.0	ng	98729	4	16.97	657772	20.0
Cyclohexadecane, ...	20.87	3.6	ng	124845	5	21.16	686561	20.0