LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062215\
Data File : BG017753.D
Acq On : 22 Jun 2015 19:48
Operator : TP/IZ
Sample : G2716-07
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-14

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-BG061815.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	2.812	19	21	30	rVB4	43117	65689	1.66%	0.245%
2	2.888	30	34	39	rBV	404013	436324	11.02%	1.629%
3	4.762	347	353	361	rVB	357948	497711	12.57%	1.858%
4	5.215	424	430	439	rBV	1440040	2038522	51.48%	7.611%
5	6.789	690	698	710	rBV	1508281	2316527	58.50%	8.649%
6	7.148	750	759	766	rBV	1444773	2296210	57.98%	8.573%
7	7.606	830	837	846	rVB	290628	473280	11.95%	1.767%
8	7.929	880	892	900	rBV	958660	1559547	39.38%	5.823%
9	8.763	1026	1034	1044	rBV	850629	1400422	35.36%	5.229%
10	10.391	1303	1311	1318	rVB	420400	701085	17.70%	2.618%
11	11.719	1531	1537	1545	rVB	29054	52282	1.32%	0.195%
12	12.618	1685	1690	1696	rVB3	31236	51100	1.29%	0.191%
13	12.882	1727	1735	1743	rBV	2059299	2980582	75.27%	11.128%
14	13.587	1850	1855	1861	rVB2	38378	51882	1.31%	0.194%
15	13.722	1874	1878	1885	rBV	102361	144306	3.64%	0.539%
16	14.263	1959	1970	1978	rBV2	626174	974088	24.60%	3.637%
17	15.632	2196	2203	2211	rBV	146534	203649	5.14%	0.760%
18	15.755	2214	2224	2233	rBV	1704141	2317665	58.53%	8.653%
19	17.013	2432	2438	2445	rBV	855181	1176754	29.72%	4.393%
20	17.929	2589	2594	2604	rBV	111670	175503	4.43%	0.655%
21	19.662	2883	2889	2900	rBV	3118525	3960019	100.00%	14.785%
22	20.949	3104	3108	3116	rBV	243145	359094	9.07%	1.341%
23	21.214	3147	3153	3161	rBV	1013759	1262630	31.88%	4.714%
24	23.434	3525	3531	3540	rVB2	646629	1202101	30.36%	4.488%
25	24.110	3640	3646	3653	rBV10	29585	87268	2.20%	0.326%

Sum of corrected areas: 26784240

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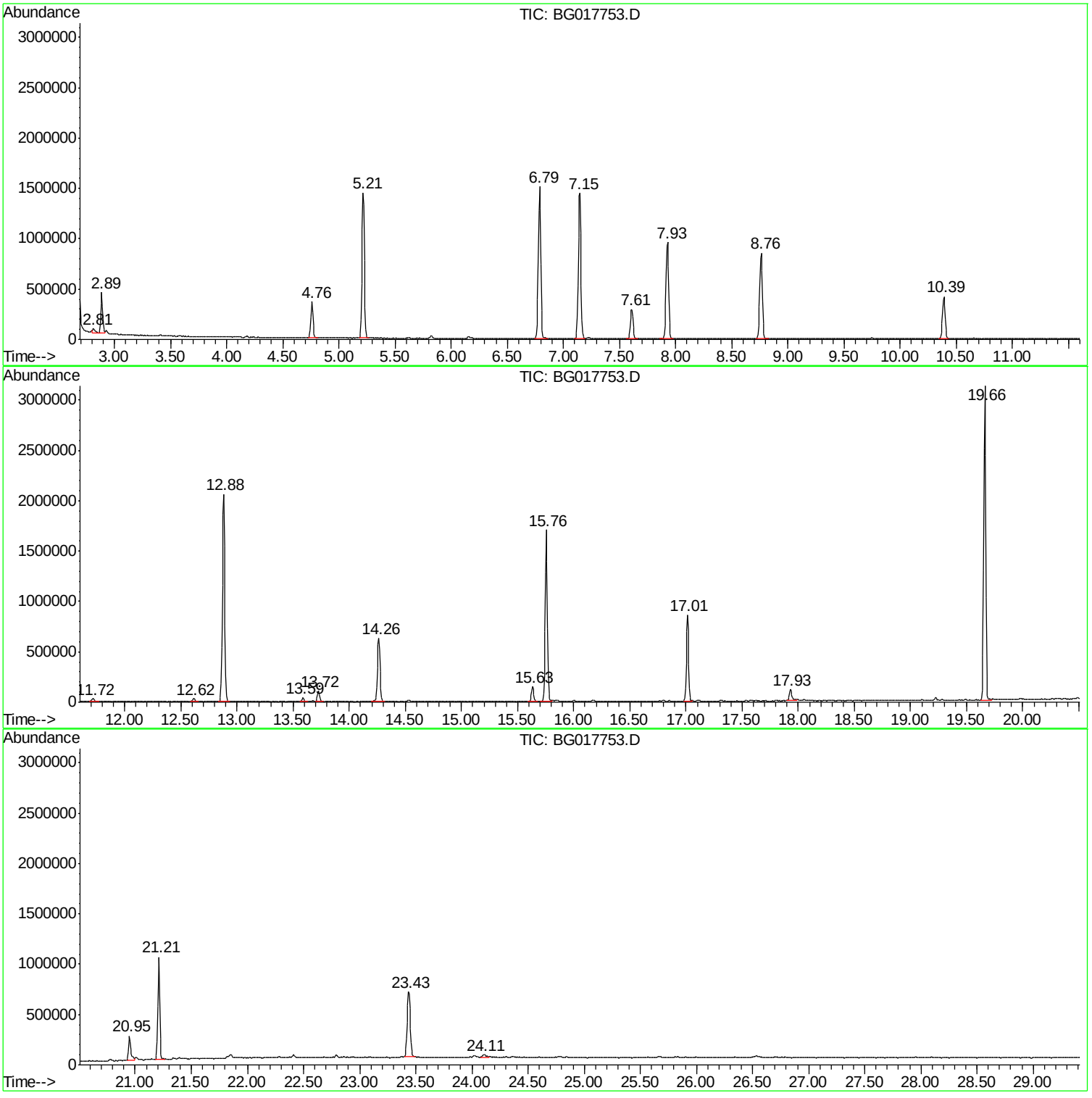
76-INFIELD(0-2)-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.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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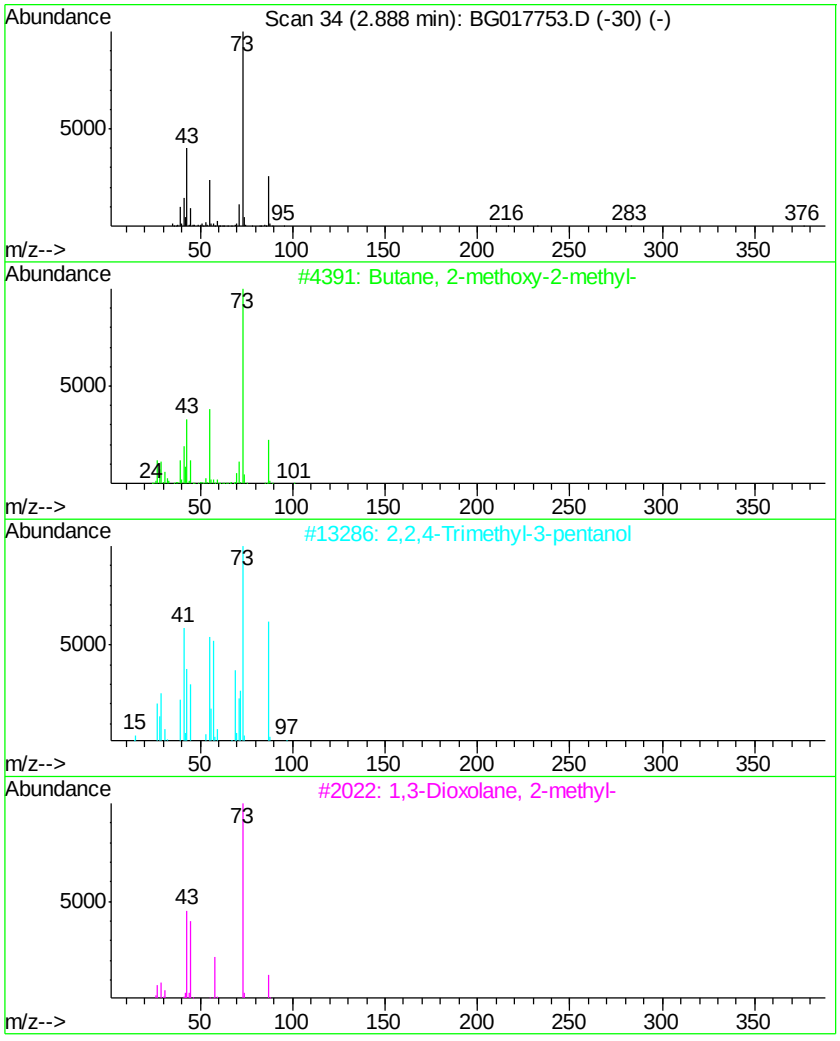
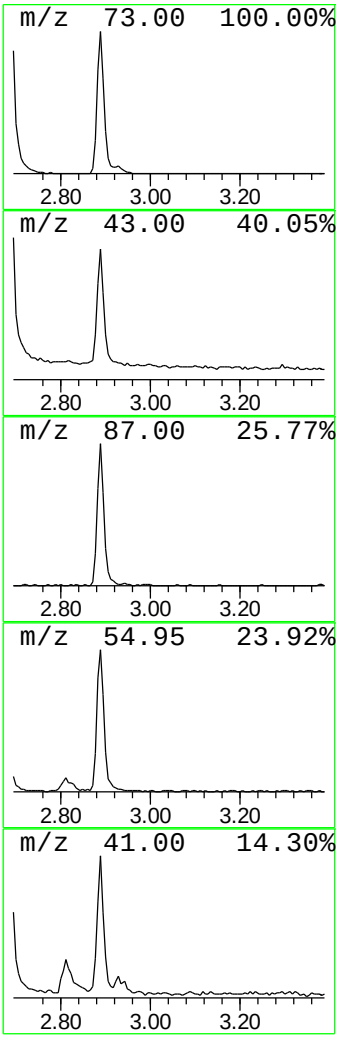
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	18.44 ng	436324	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.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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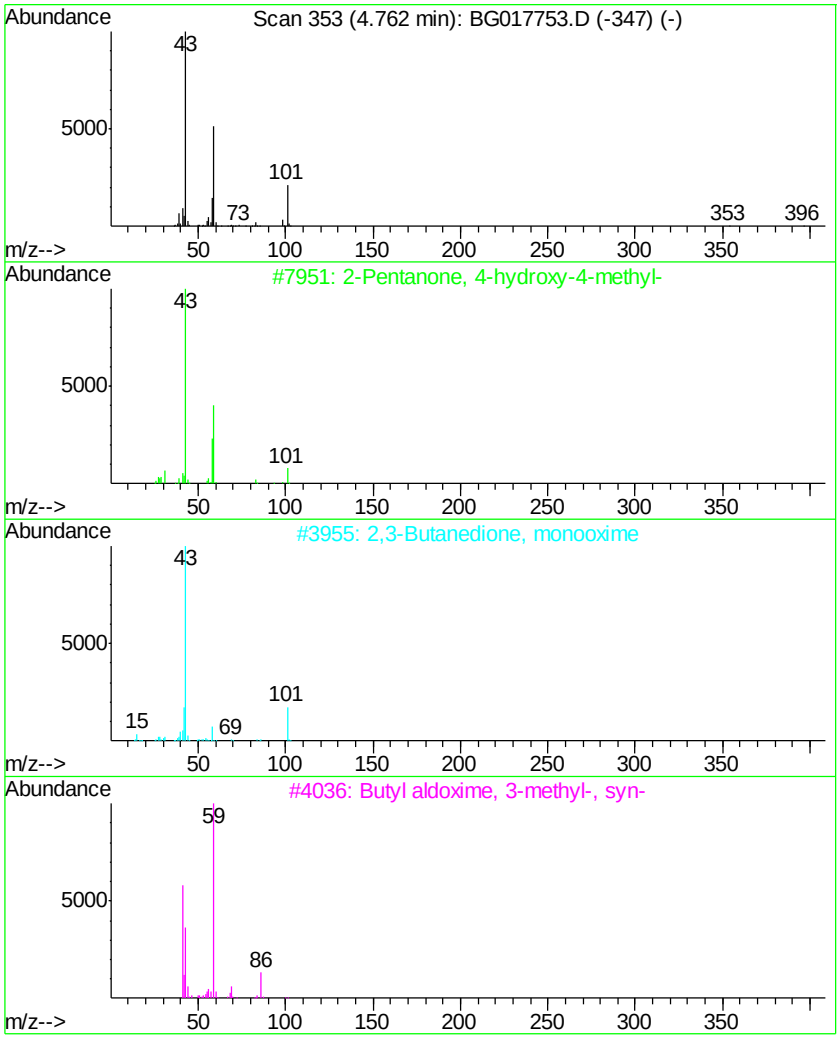
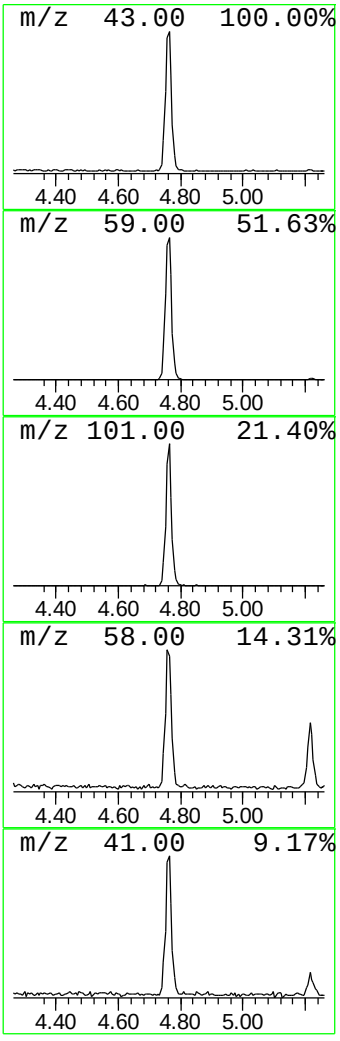
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	21.03 ng	497711	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	35
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : TP/IZ
Sample : G2716-07
Misc :
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ClientSampleId : 76-INFIELD(0-2)-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
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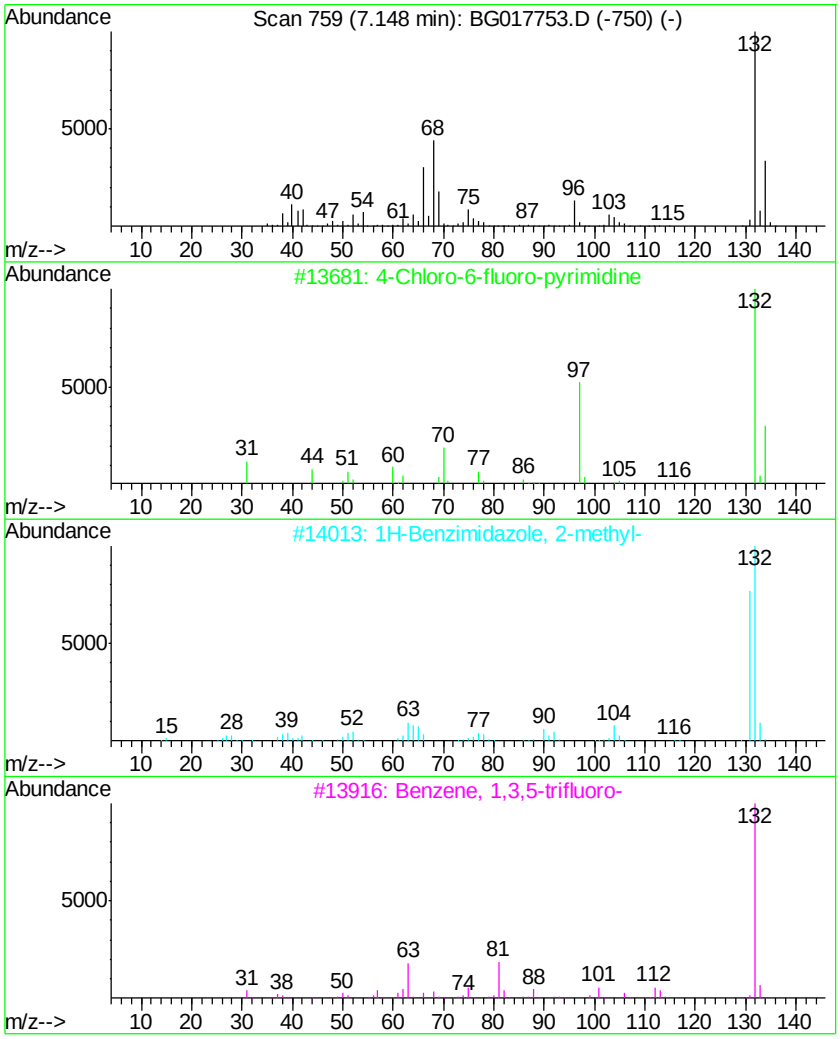
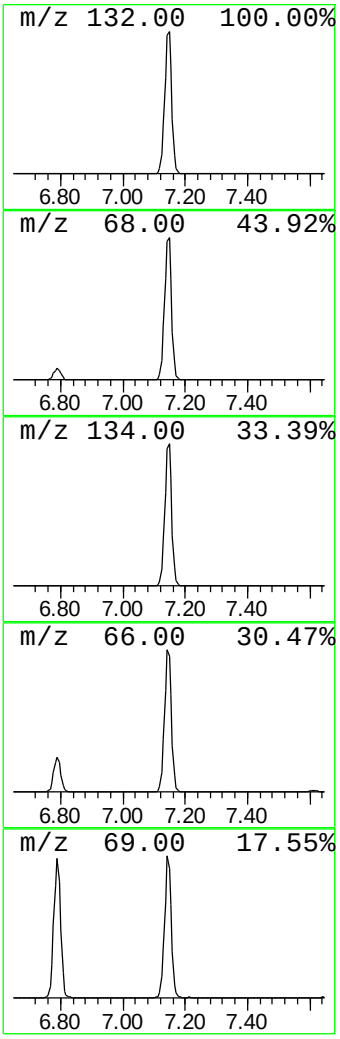
Peak Number 4 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	97.03 ng	2296210	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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ClientSampleId : 76-INFIELD(0-2)-14

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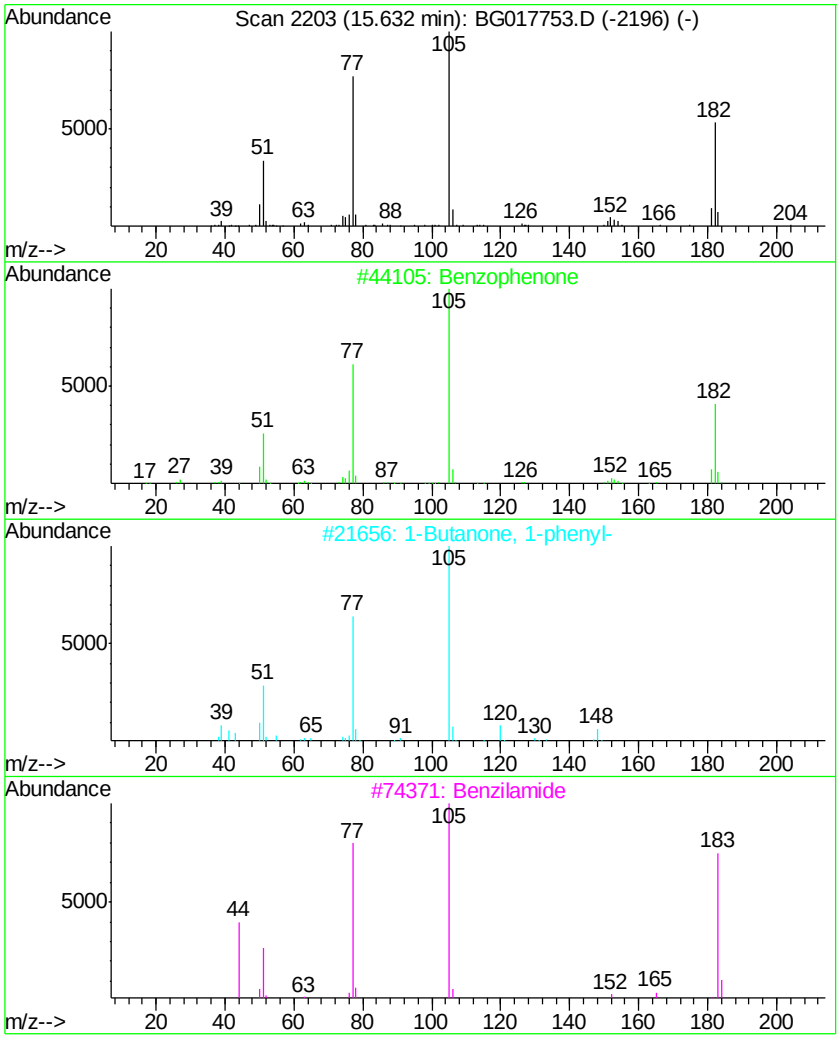
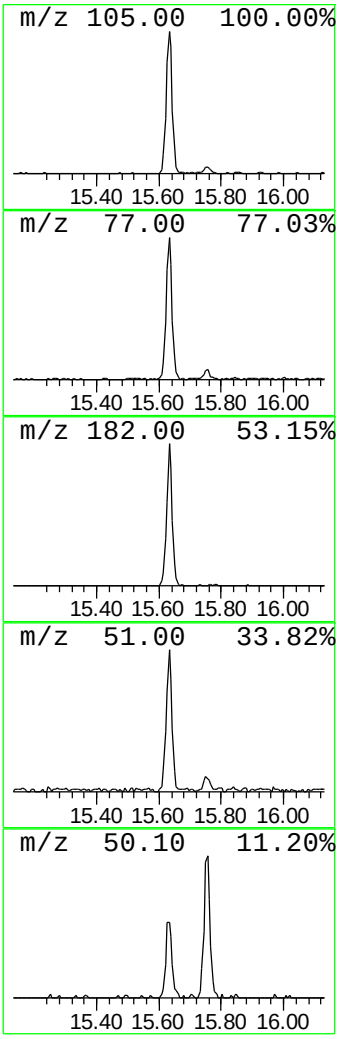
Peak Number 6 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	4.18 ng	203649	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1-Butanone, 1-phenyl-	148	C10H12O	000495-40-9	53
3	Benzilamide	227	C14H13NO2	004746-87-6	53
4	1,2-Propanedione, 1-phenyl-, 2-o...	163	C9H9NO2	000119-51-7	53
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	53





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Instrument : BNA_G
ClientSampleId : 76-INFIELD(0-2)-14

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.M
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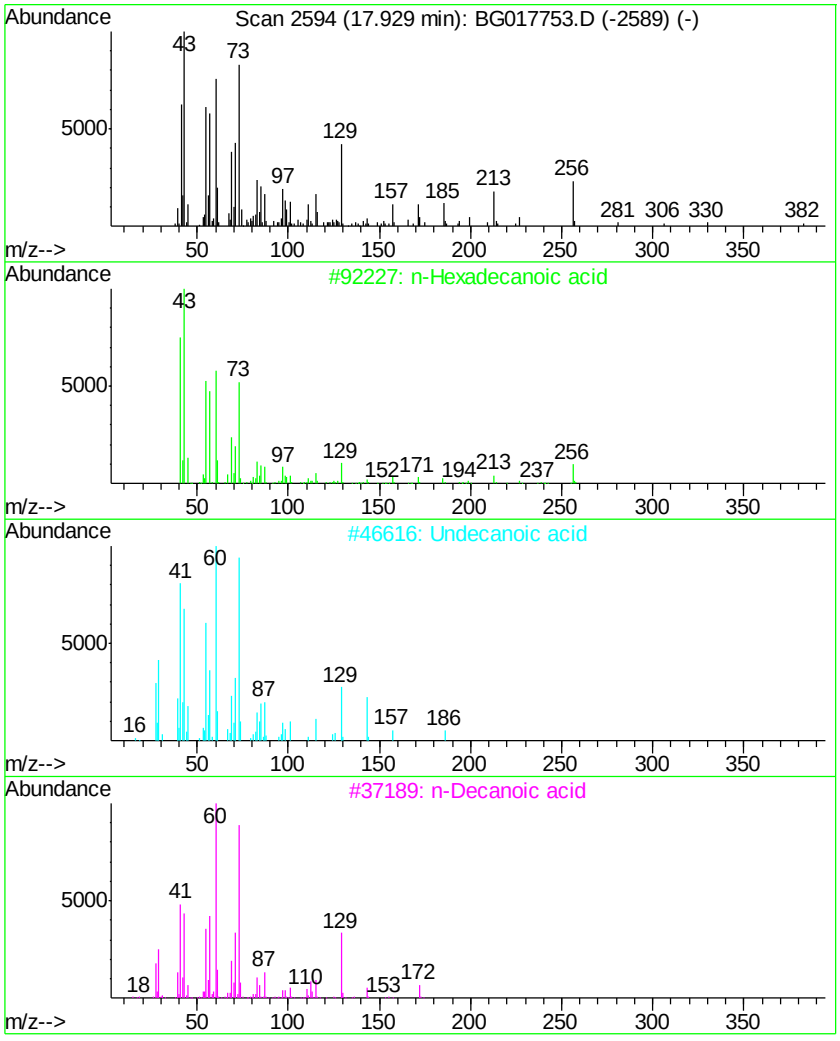
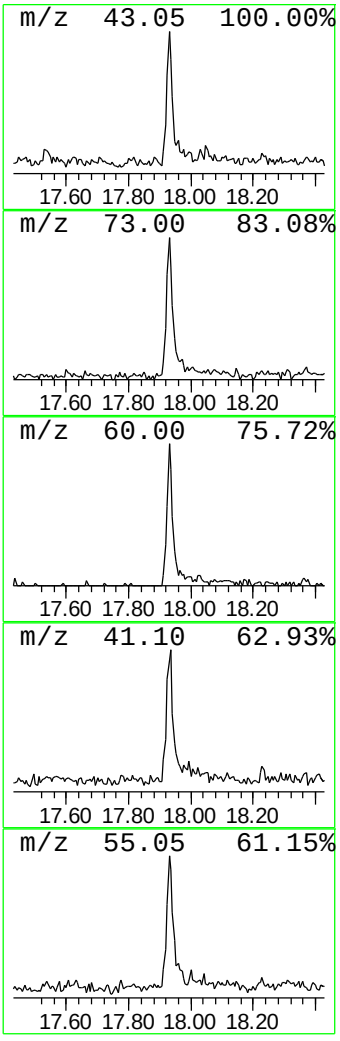
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	2.98 ng	175503	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	43





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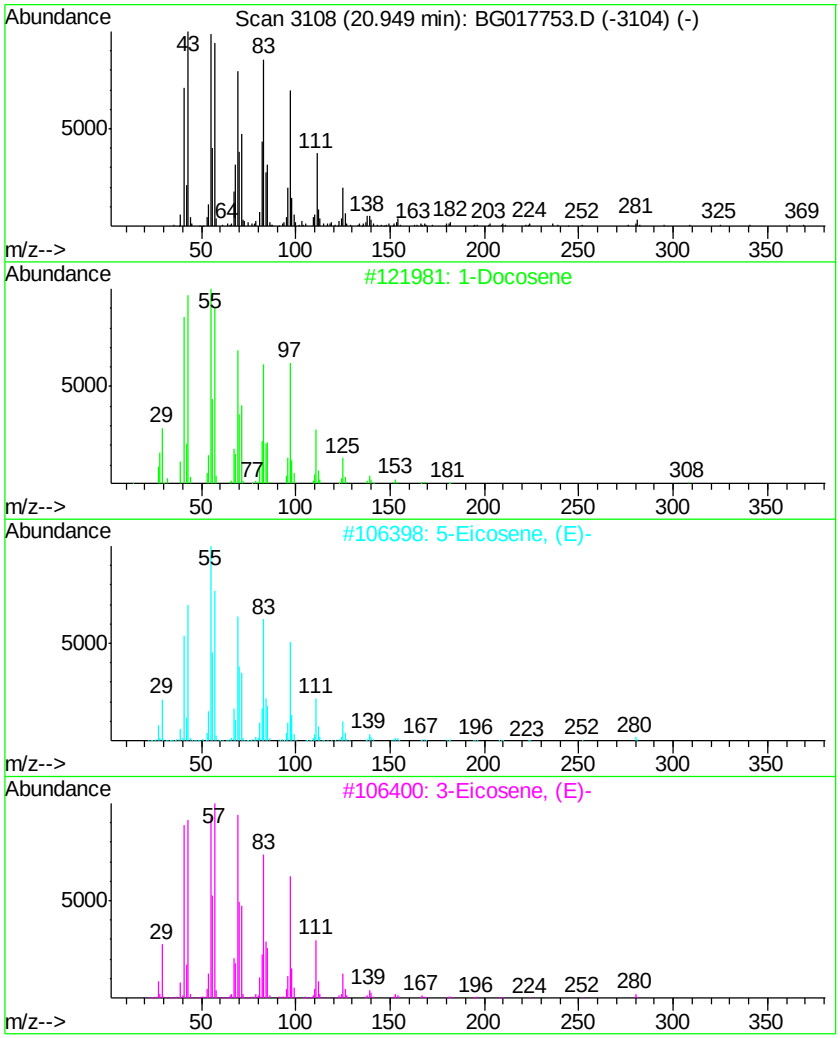
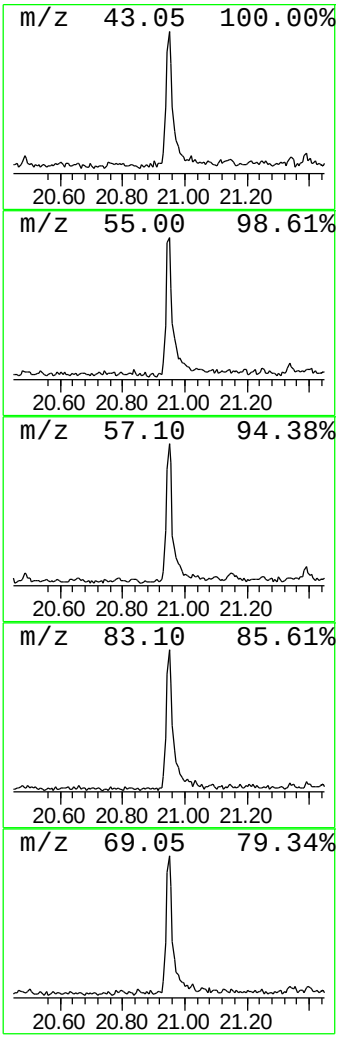
Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	5.69 ng	359094	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	1-Tetracosanol	354	C24H50O	000506-51-4	91
5	1-Hexacosanol	382	C26H54O	000506-52-5	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061815.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...	2.89	18.4	ng	436324	1	7.61	473280	20.0
2-Pentanone, 4-hy...	4.76	21.0	ng	497711	1	7.61	473280	20.0
unknown7.15	7.15	97.0	ng	2296210	1	7.61	473280	20.0
Benzophenone	15.63	4.2	ng	203649	3	14.26	974088	20.0
n-Hexadecanoic acid	17.93	3.0	ng	175503	4	17.01	1176750	20.0
1-Docosene	20.95	5.7	ng	359094	5	21.21	1262630	20.0