LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017121.D
Acq On : 13 May 2015 23:50
Operator : TP/IZ
Sample : G2194-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

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-BG051315.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	2.798	14	19	28	rVV2	92592	167282	3.69%	0.637%
2	2.875	28	32	43	rVB	279658	339335	7.49%	1.292%
3	3.427	122	126	134	rVB	30829	49044	1.08%	0.187%
4	4.814	356	362	370	rBV	112423	171012	3.77%	0.651%
5	5.301	438	445	456	rBV	1415880	1963240	43.33%	7.474%
6	6.905	711	718	729	rBV	1519873	2309004	50.96%	8.791%
7	7.252	769	777	785	rBV	1400522	2176631	48.04%	8.287%
8	7.704	848	854	861	rBV	213812	330827	7.30%	1.259%
9	8.028	902	909	916	rBV	952992	1470848	32.46%	5.600%
10	8.868	1044	1052	1061	rBV	845398	1392904	30.74%	5.303%
11	10.501	1322	1330	1337	rBV	307245	484058	10.68%	1.843%
12	12.710	1701	1706	1714	rVB3	39513	59641	1.32%	0.227%
13	12.981	1742	1752	1759	rBV	1945096	2942216	64.94%	11.201%
14	13.821	1886	1895	1905	rBV	422397	573742	12.66%	2.184%
15	14.361	1980	1987	1995	rBV2	452219	680271	15.01%	2.590%
16	15.854	2234	2241	2250	rBV	1901159	2718594	60.00%	10.350%
17	16.876	2408	2415	2420	rBV2	36012	52217	1.15%	0.199%
18	17.111	2448	2455	2460	rBV	587265	853537	18.84%	3.249%
19	17.610	2536	2540	2544	rBV2	43288	50373	1.11%	0.192%
20	18.010	2603	2608	2618	rBV	204167	305518	6.74%	1.163%
21	18.439	2677	2681	2685	rVB2	45049	54442	1.20%	0.207%
22	19.291	2822	2826	2837	rBV2	87194	121124	2.67%	0.461%
23	19.743	2897	2903	2913	rBV	3747211	4530847	100.00%	17.249%
24	21.006	3112	3118	3125	rBV	289218	367290	8.11%	1.398%
25	21.212	3149	3153	3157	rVB	53465	55750	1.23%	0.212%
26	21.294	3160	3167	3177	rBV	714967	950208	20.97%	3.618%
27	21.447	3189	3193	3201	rBV7	29737	52980	1.17%	0.202%
28	21.888	3263	3268	3274	rBV4	43610	90698	2.00%	0.345%
29	22.481	3365	3369	3374	rBV2	44496	55155	1.22%	0.210%
30	22.863	3430	3434	3439	rBV3	43335	65669	1.45%	0.250%
31	23.556	3545	3552	3558	rBV	454349	832502	18.37%	3.169%

Sum of corrected areas: 26266959

LSC Report - Integrated Chromatogram

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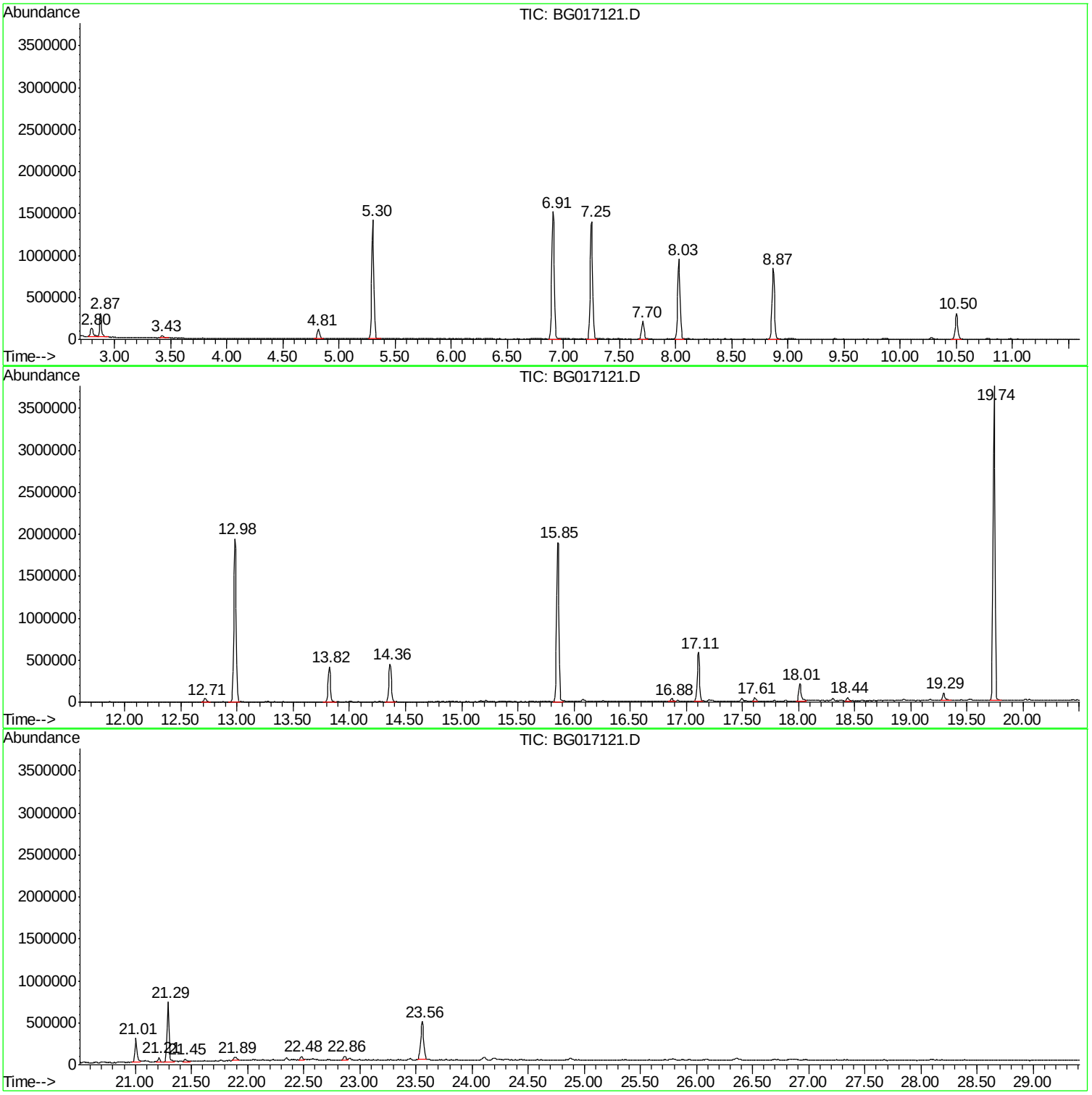
Data File : BG017121.D
Acq On : 13 May 2015 23:50
Operator : TP/IZ
Sample : G2194-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

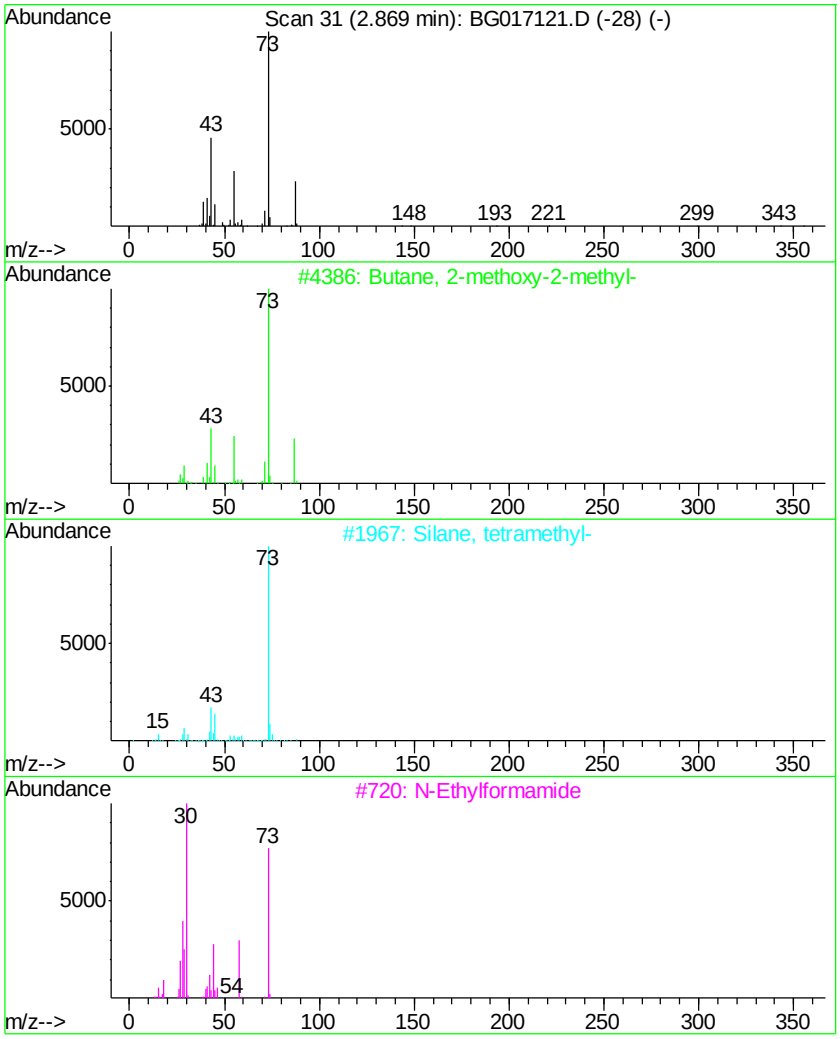
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

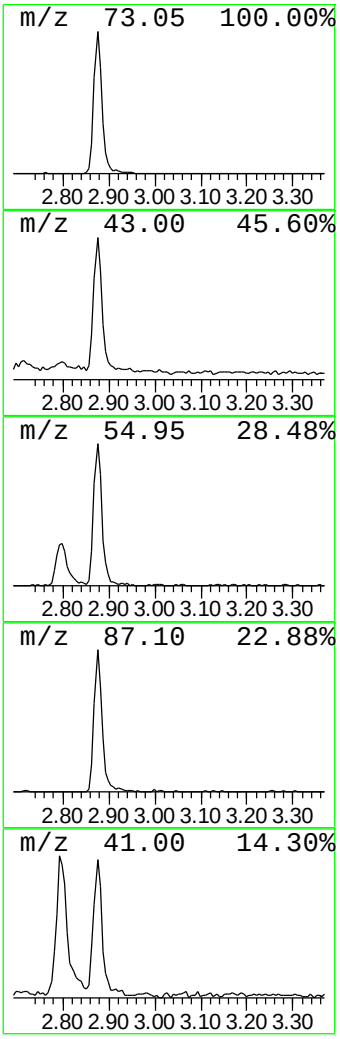
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	20.51 ng	339335	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051315\
Data File : BG017121.D
Acq On : 13 May 2015 23:50
Operator : TP/IZ
Sample : G2194-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

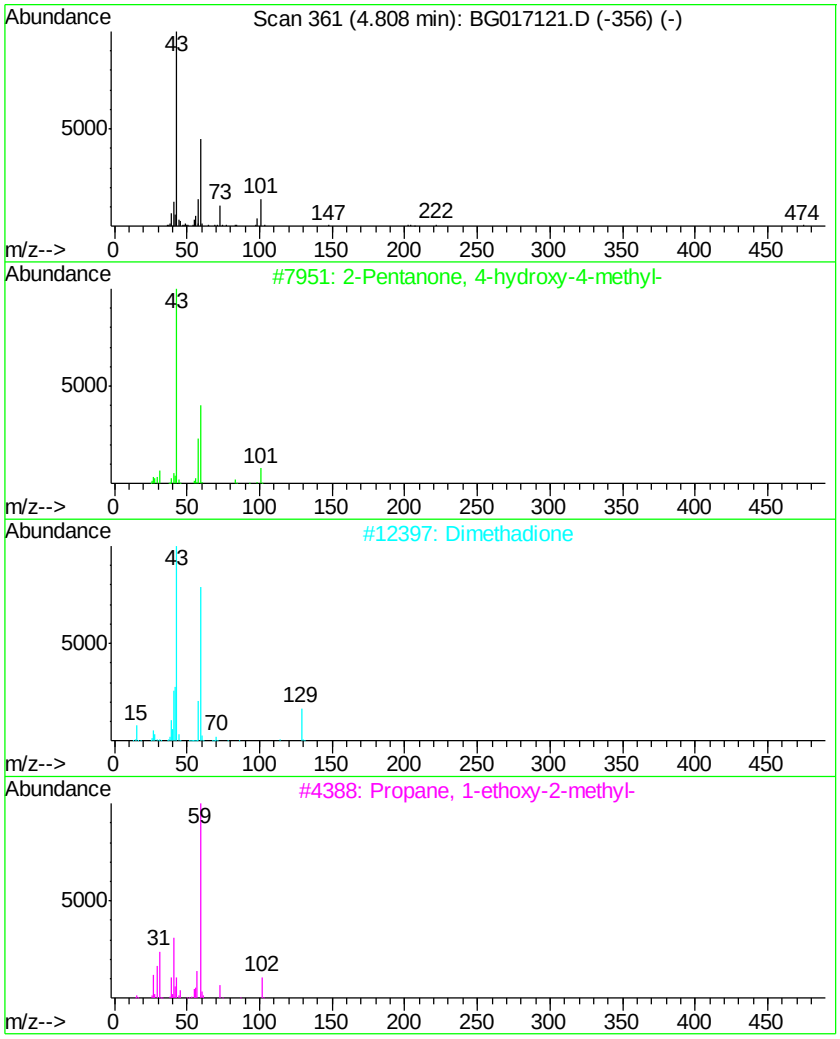
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

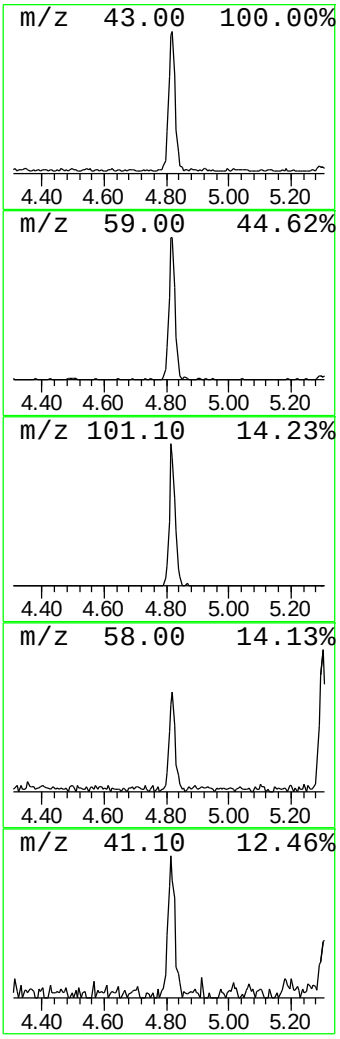
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.81	10.34 ng	171012	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Dimethadione	129	C5H7NO3	000695-53-4	38
3	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	27
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	17





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Data File : BG017121.D
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Operator : TP/IZ
Sample : G2194-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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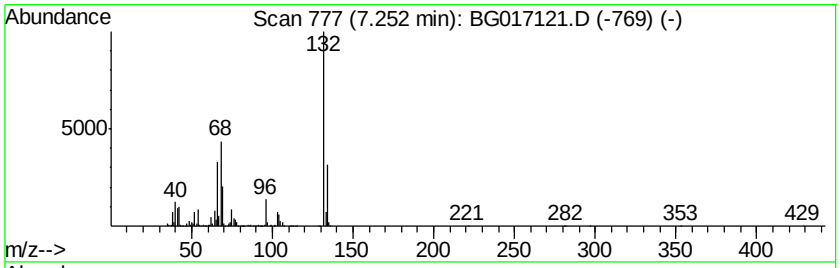
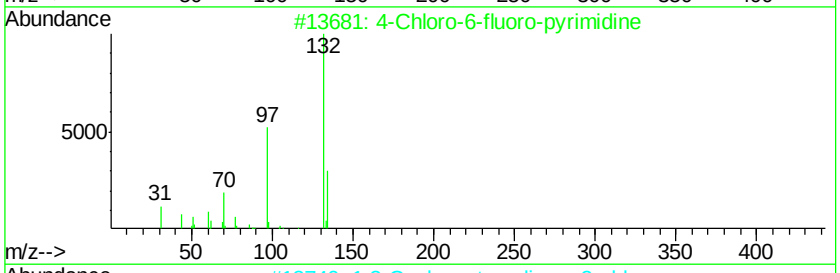
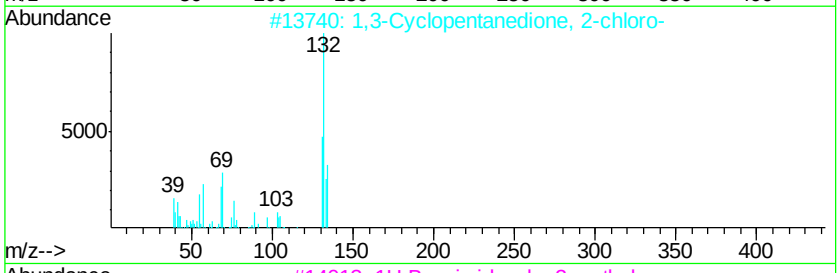
Peak Number 5 unknown7.25 Concentration Rank 1

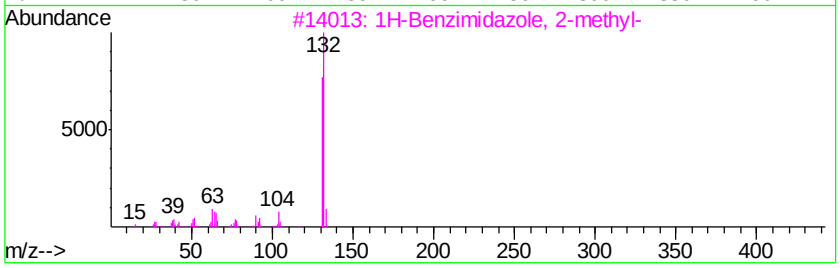
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	131.59 ng	2176630	1,4-Dichlorobenzene-d4	7.71

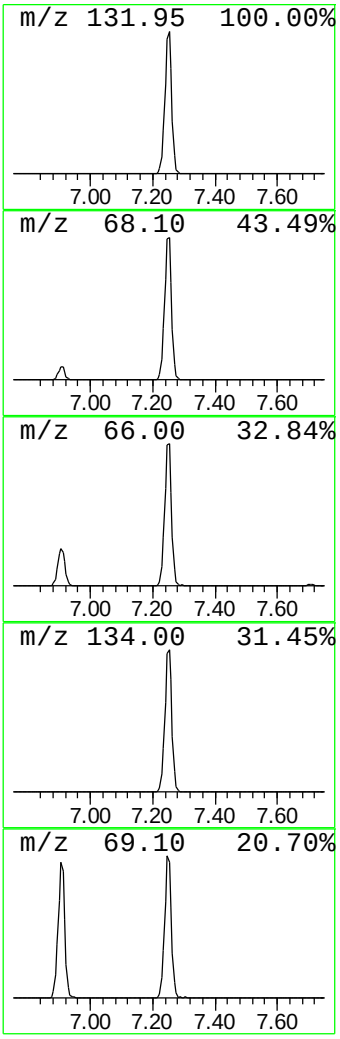
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	23
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	22
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22











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Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

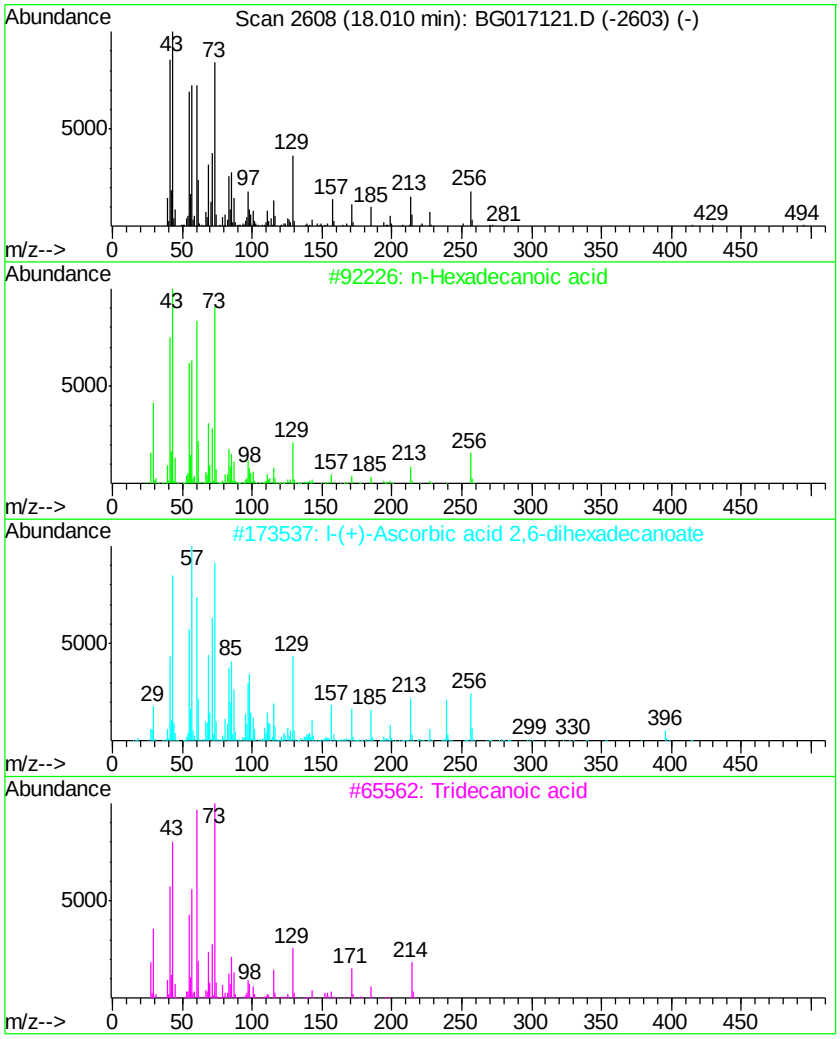
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

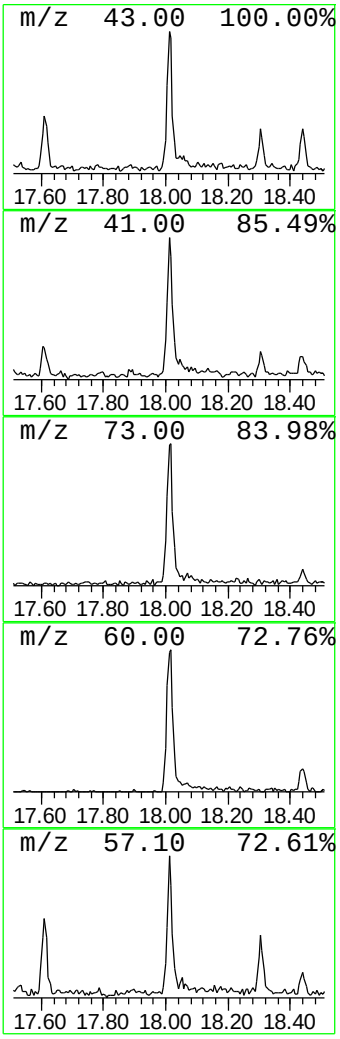
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	7.16 ng	305518	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	72
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Dodecanoic acid	200	C12H24O2	000143-07-7	62
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	59





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Sample : G2194-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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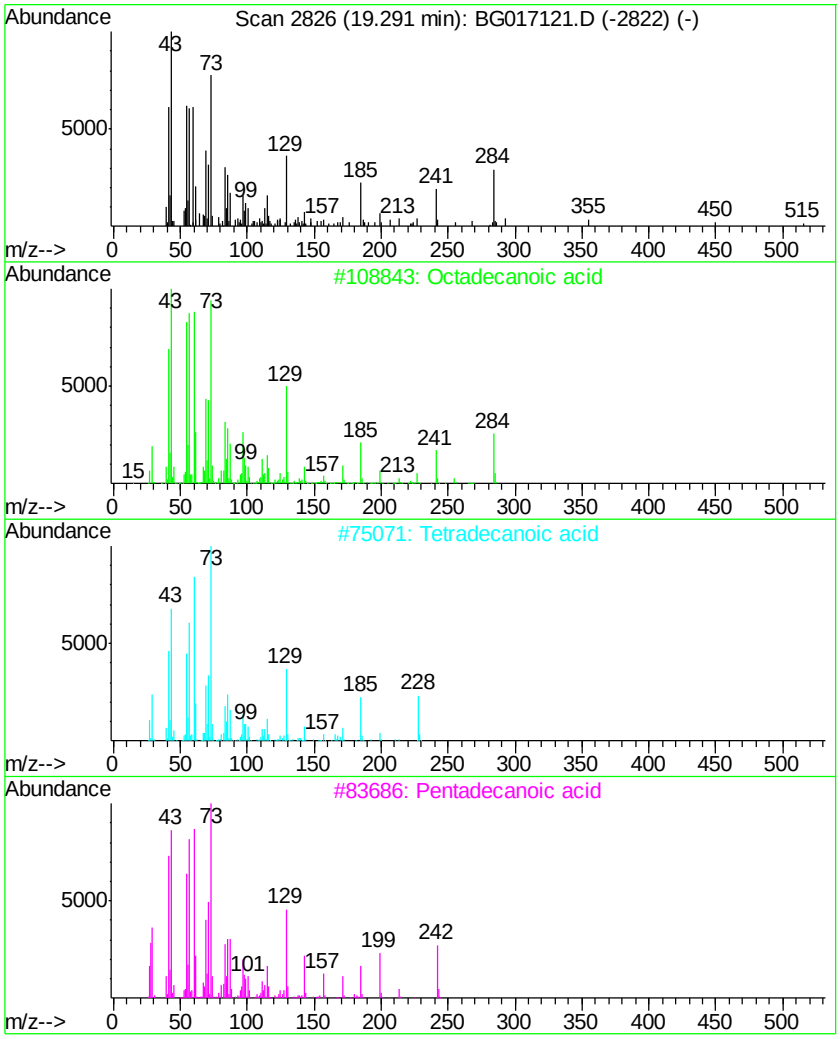
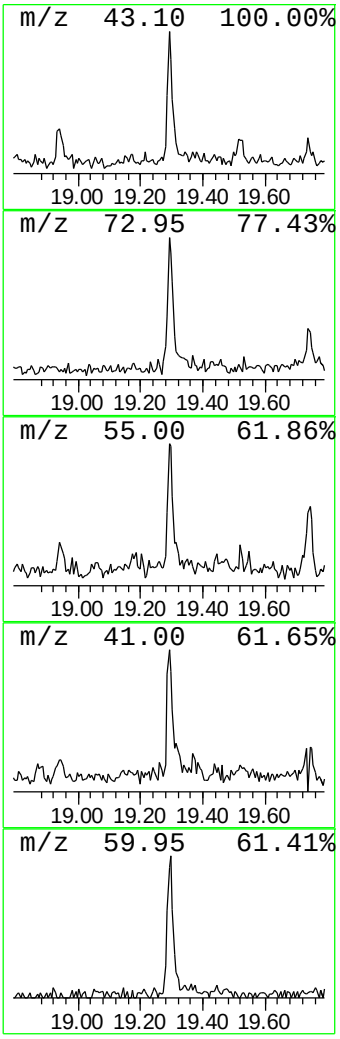
Peak Number 8 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	2.55 ng	121124	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	46
4	Undecanoic acid	186	C11H22O2	000112-37-8	46
5	Tridecanoic acid	214	C13H26O2	000638-53-9	46





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Instrument : BNA_G
ClientSampleId : TU021-SB-16-7.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
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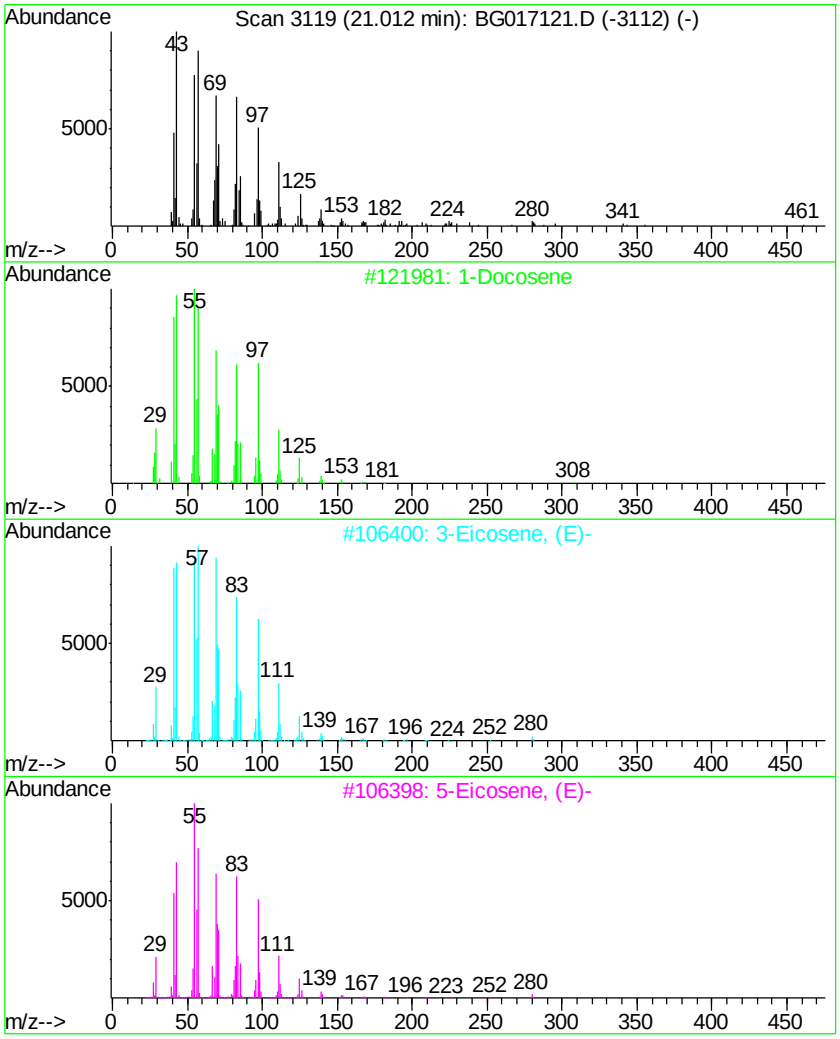
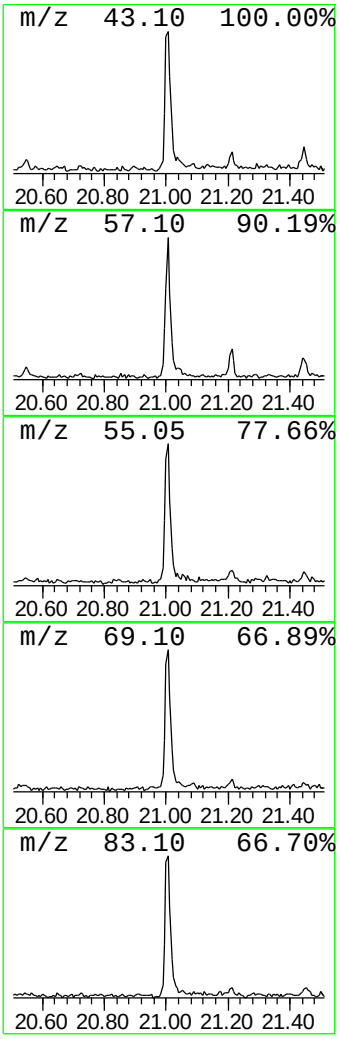
Peak Number 9 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	7.73 ng	367290	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	99
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	97
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	94





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...	2.87	20.5	ng	339335	1	7.71	330827	20.0
2-Pentanone, 4-hy...	4.81	10.3	ng	171012	1	7.71	330827	20.0
unknown7.25	7.25	131.6	ng	2176630	1	7.71	330827	20.0
n-Hexadecanoic acid	18.01	7.2	ng	305518	4	17.11	853537	20.0
Octadecanoic acid	19.29	2.5	ng	121124	5	21.29	950208	20.0
1-Docosene	21.01	7.7	ng	367290	5	21.29	950208	20.0