LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051215\
Data File : BG017095.D
Acq On : 12 May 2015 22:21
Operator : TP/IZ
Sample : G2196-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

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-BG050515.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	2.806	16	20	26	rBV3	42425	67496	2.17%	0.449%
2	2.888	30	34	41	rVB	92178	117307	3.78%	0.781%
3	4.827	358	364	370	rBV2	41787	63955	2.06%	0.426%
4	5.309	440	446	455	rBV	753173	1078307	34.74%	7.176%
5	6.913	710	719	729	rVB	804115	1237922	39.88%	8.238%
6	7.260	770	778	786	rBV	790850	1217024	39.21%	8.099%
7	7.718	849	856	862	rBV	133742	205665	6.63%	1.369%
8	8.035	903	910	918	rVB	551483	842726	27.15%	5.608%
9	8.875	1045	1053	1059	rBV	476924	761417	24.53%	5.067%
10	10.509	1325	1331	1339	rVB	173133	280410	9.03%	1.866%
11	12.988	1745	1753	1759	rBV	1074791	1571744	50.64%	10.459%
12	13.823	1888	1895	1903	rBV2	49575	79672	2.57%	0.530%
13	14.369	1982	1988	1994	rVB	264704	396981	12.79%	2.642%
14	15.861	2235	2242	2250	rBV	1326320	1821616	58.69%	12.122%
15	17.113	2449	2455	2463	rVB	413043	559103	18.01%	3.721%
16	18.012	2604	2608	2614	rBV2	48914	66625	2.15%	0.443%
17	19.745	2897	2903	2908	rBV	2617963	3103923	100.00%	20.655%
18	20.427	3015	3019	3025	rVB8	17917	32820	1.06%	0.218%
19	21.008	3114	3118	3125	rBV2	121892	160709	5.18%	1.069%
20	21.296	3161	3167	3172	rBV	533886	676008	21.78%	4.499%
21	21.884	3264	3267	3272	rBV4	23552	35076	1.13%	0.233%
22	23.558	3545	3552	3560	rVB2	358698	650890	20.97%	4.331%

Sum of corrected areas: 15027396

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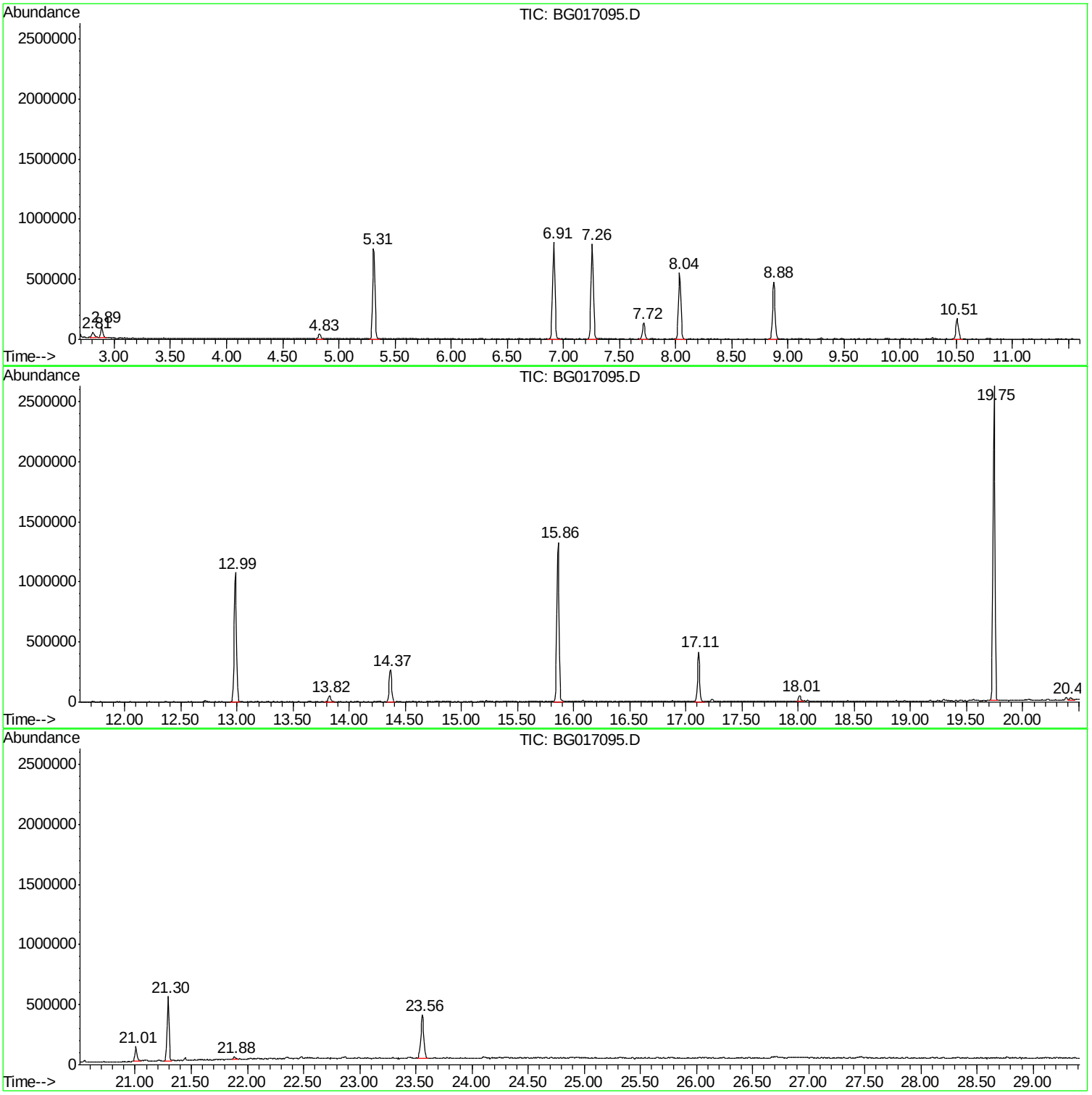
Instrument :
BNA_G
ClientSampleId :
KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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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TIC Library : C:\DATABASE\NIST02.L
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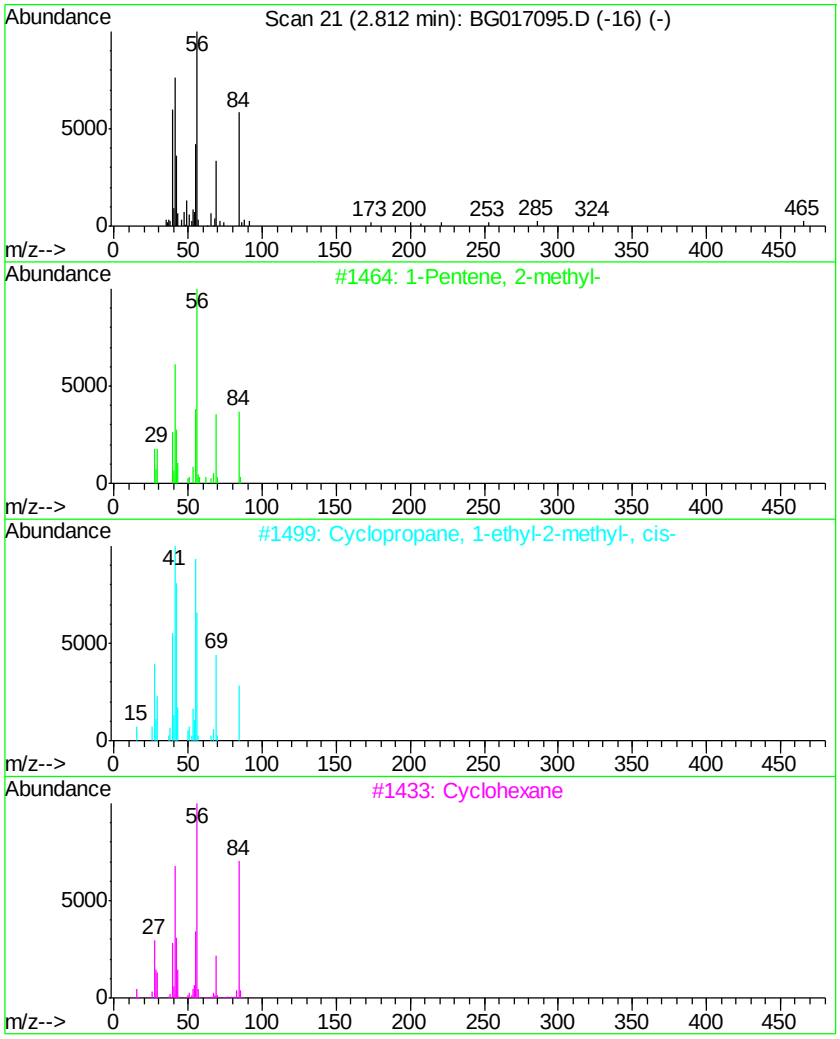
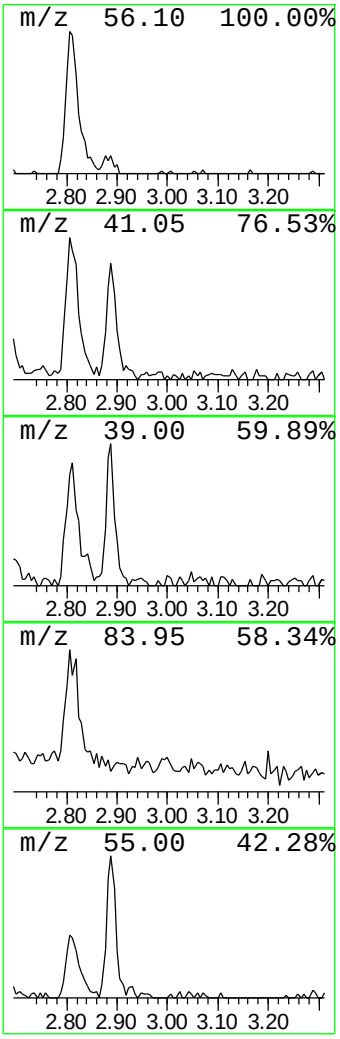
****

Peak Number 1 unknown2.81 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.81	6.56 ng	67496	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	49
2	Cyclopropane, 1-ethyl-2-methyl-,...	84	C6H12	019781-68-1	47
3	Cyclohexane	84	C6H12	000110-82-7	46
4	Cyclopropane, 1-ethyl-1-methyl-	84	C6H12	053778-43-1	27
5	2-Butene	56	C4H8	000107-01-7	27





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Misc :
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Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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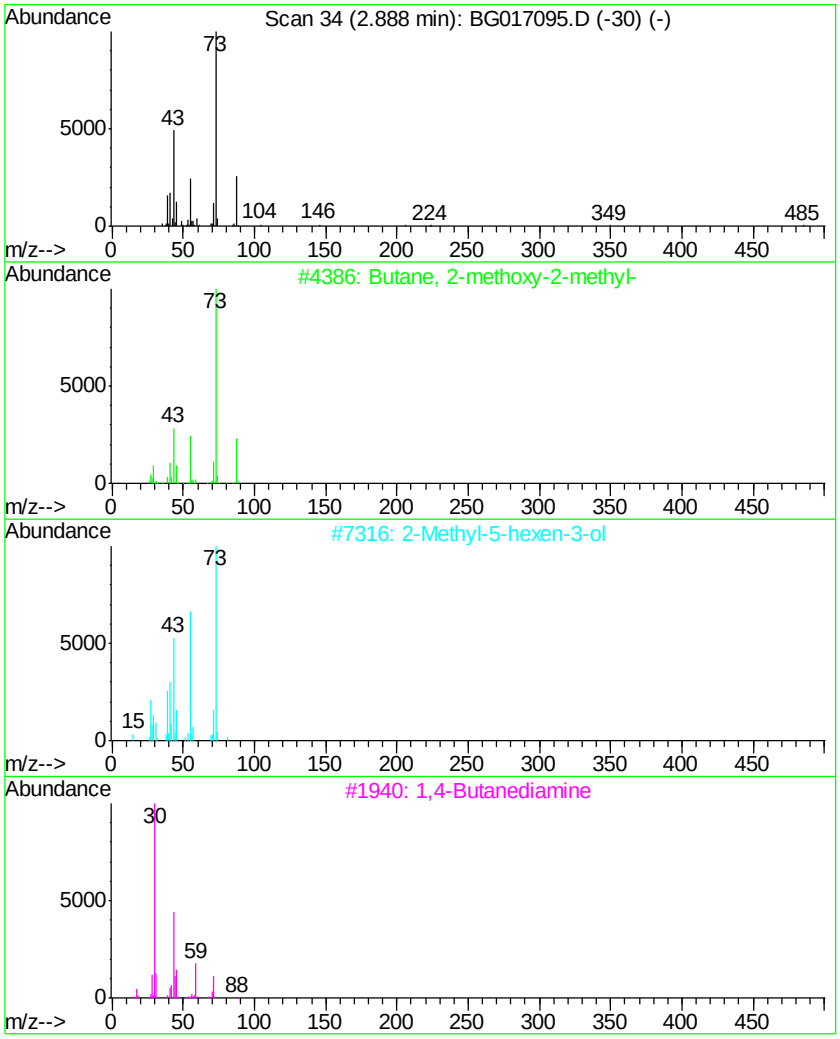
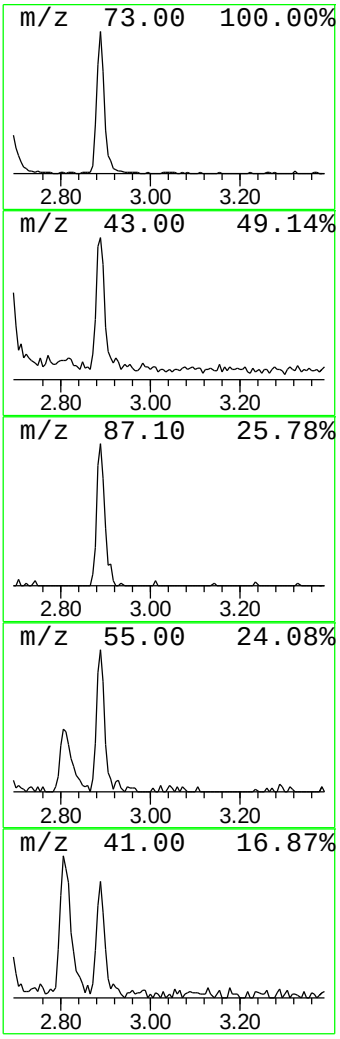
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	11.41 ng	117307	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	10
3	1,4-Butanediamine	88	C4H12N2	000110-60-1	9
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	9
5	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9





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Operator : TP/IZ
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Misc :
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Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
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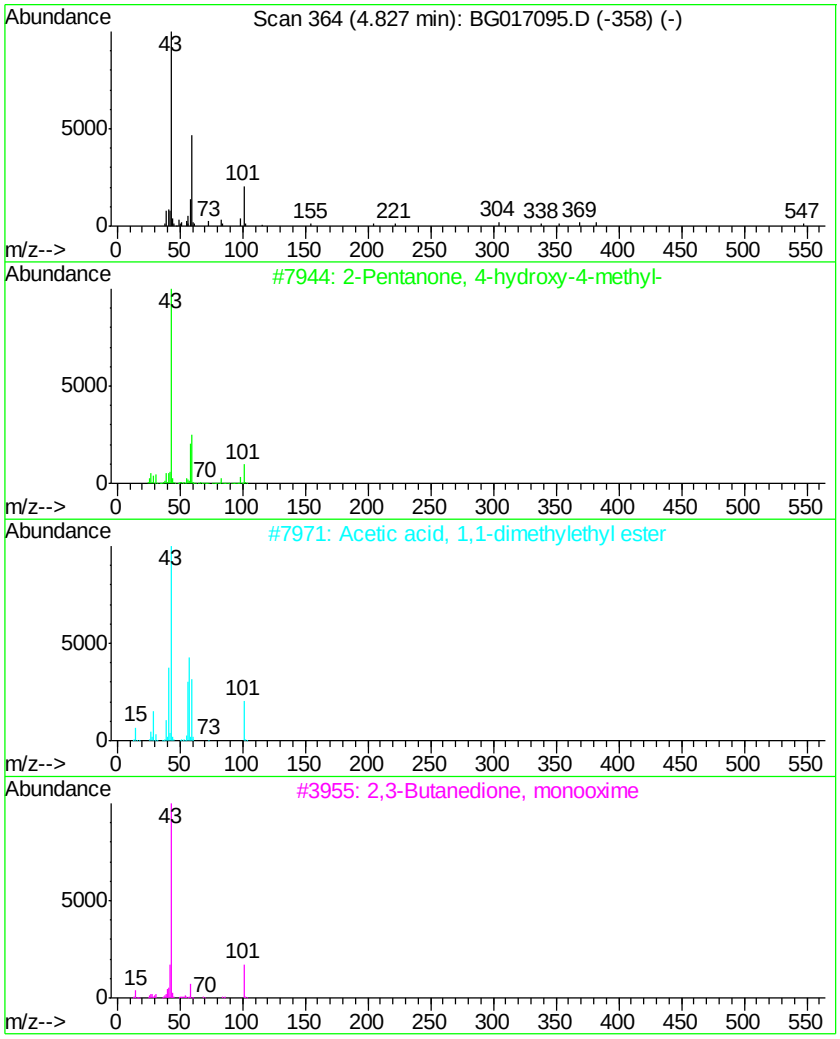
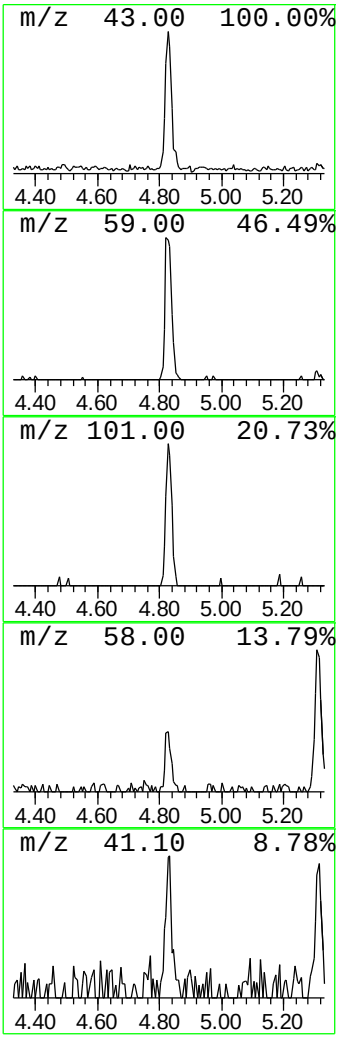
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.83	6.22 ng	63955	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	14
4	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	10
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





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Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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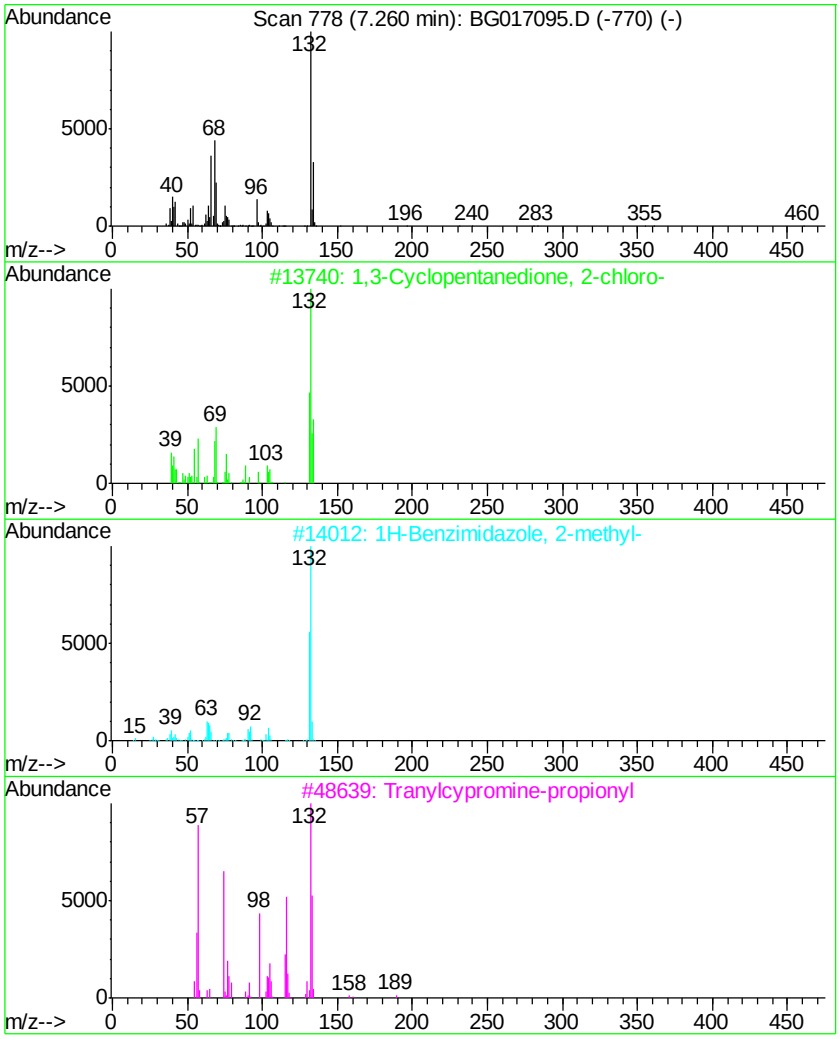
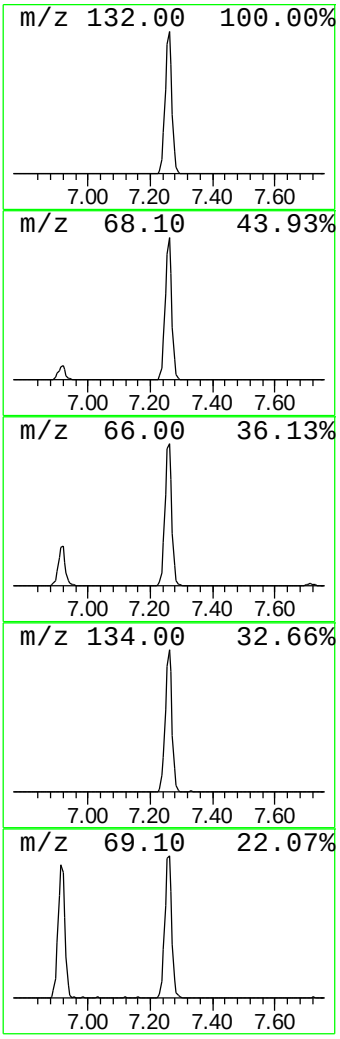
Peak Number 4 unknown7.26 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	118.35 ng	1217020	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	22
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22





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Sample : G2196-08
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Library : C:\DATABASE\NIST02.L
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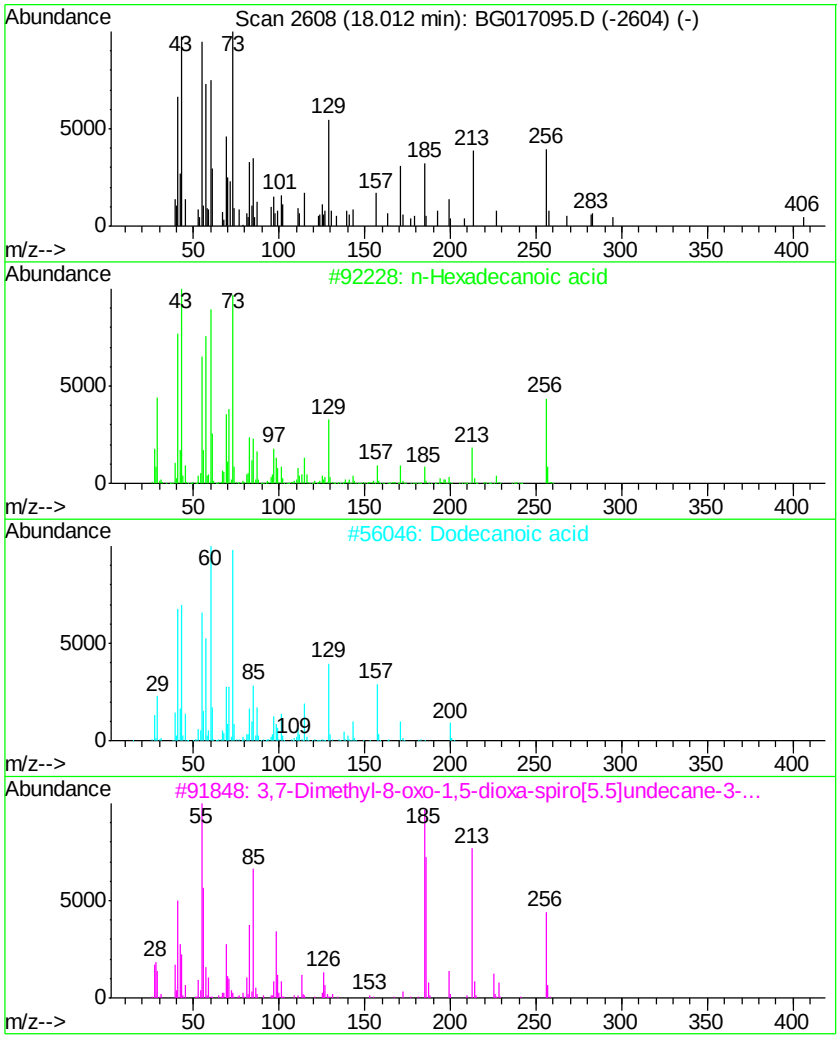
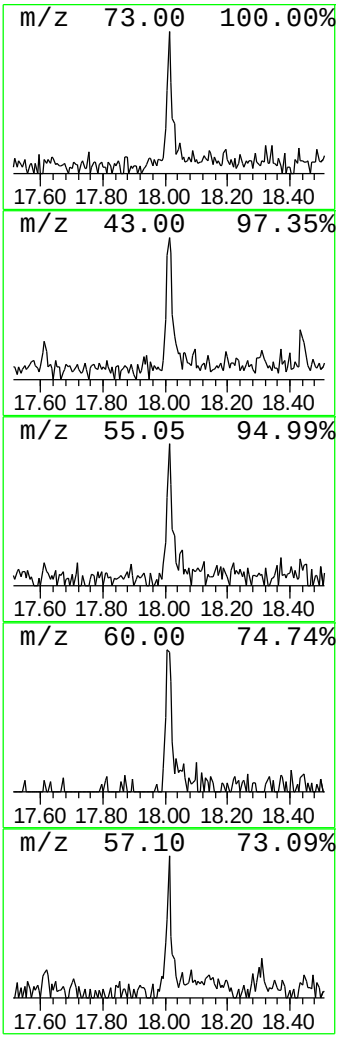
Peak Number 6 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	2.38 ng	66625	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
2	Dodecanoic acid	200	C12H24O2	000143-07-7	43
3	3,7-Dimethyl-8-oxo-1,5-dioxa-spi...	256	C13H20O5	1000193-79-8	42
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	35





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Misc :
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Instrument : BNA_G
ClientSampleId : KBY-SB-7(6-8)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
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TIC Integration Parameters: LSCINT.P

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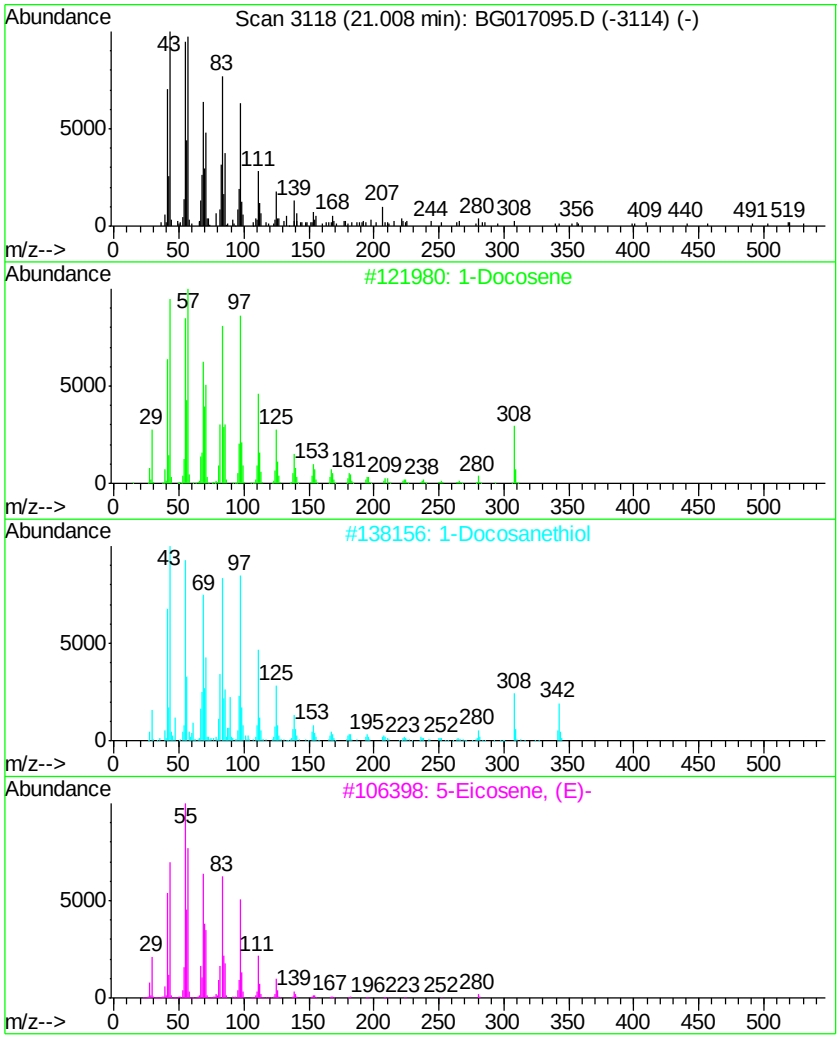
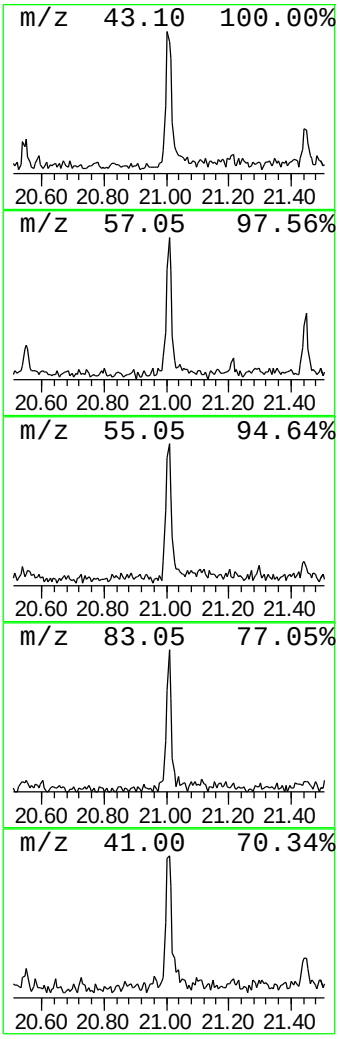
Peak Number 7 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	4.75 ng	160709	Chrysene-d12	21.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	1-Docosanethiol	342	C22H46S	007773-83-3	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	91





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
unknown2.81	2.81	6.6	ng	67496	1	7.72	205665	20.0
Butane, 2-methoxy...	2.89	11.4	ng	117307	1	7.72	205665	20.0
2-Pentanone, 4-hy...	4.83	6.2	ng	63955	1	7.72	205665	20.0
unknown7.26	7.26	118.3	ng	1217020	1	7.72	205665	20.0
n-Hexadecanoic acid	18.01	2.4	ng	66625	4	17.11	559103	20.0
1-Docosene	21.01	4.8	ng	160709	5	21.30	676008	20.0