LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021784.D
Acq On : 20 Apr 2016 14:25
Operator : UM/SJ
Sample : H2589-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

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-BG041316.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	3.091	38	43	66	rVB	1978912	3002980	100.00%	19.606%
2	5.288	411	417	426	rBV	120425	188222	6.27%	1.229%
3	5.764	491	498	509	rBV	601750	993168	33.07%	6.484%
4	7.368	763	771	780	rBV	629905	1118761	37.26%	7.304%
5	7.744	825	835	844	rBV	619931	1096131	36.50%	7.156%
6	8.214	908	915	931	rVB	141009	243964	8.12%	1.593%
7	8.537	963	970	983	rVB	457641	818366	27.25%	5.343%
8	9.383	1106	1114	1125	rVB	386171	709780	23.64%	4.634%
9	11.029	1388	1394	1401	rBV	184816	348842	11.62%	2.277%
10	13.449	1797	1806	1813	rBV	1024639	1598958	53.25%	10.439%
11	14.260	1937	1944	1951	rBV	114913	187178	6.23%	1.222%
12	14.689	2013	2017	2022	rVB	24552	32650	1.09%	0.213%
13	14.824	2029	2040	2047	rVB2	278835	465591	15.50%	3.040%
14	15.635	2174	2178	2183	rVB	49418	62352	2.08%	0.407%
15	16.034	2240	2246	2250	rBV2	15543	31286	1.04%	0.204%
16	16.305	2285	2292	2299	rVB	621213	942880	31.40%	6.156%
17	16.493	2320	2324	2327	rBV	51756	73382	2.44%	0.479%
18	17.286	2455	2459	2463	rBV	40031	52718	1.76%	0.344%
19	17.562	2499	2506	2510	rBV2	309664	505696	16.84%	3.302%
20	17.603	2510	2513	2518	rVB	65860	99313	3.31%	0.648%
21	18.020	2581	2584	2590	rVB2	25103	31678	1.05%	0.207%
22	19.595	2848	2852	2857	rBV	89011	134927	4.49%	0.881%
23	19.959	2910	2914	2920	rVB	99214	158191	5.27%	1.033%
24	20.147	2940	2946	2951	rVB	1382199	1849594	61.59%	12.075%
25	20.429	2991	2994	2999	rBV4	68060	85300	2.84%	0.557%
26	21.834	3229	3233	3240	rVB	299260	485014	16.15%	3.167%

Sum of corrected areas: 15316922

LSC Report - Integrated Chromatogram

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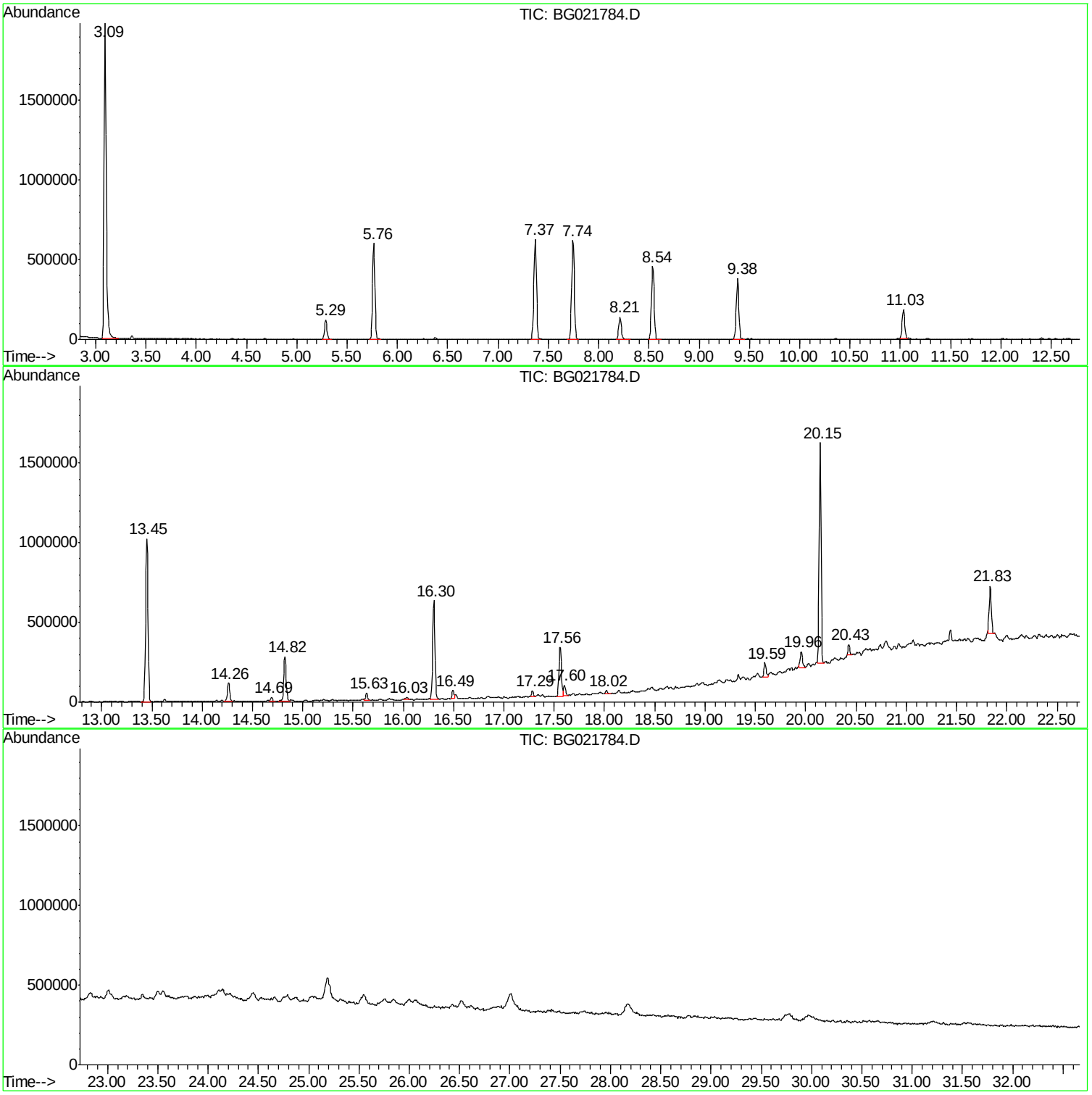
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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\BG042116\
Data File : BG021784.D
Acq On : 20 Apr 2016 14:25
Operator : UM/SJ
Sample : H2589-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

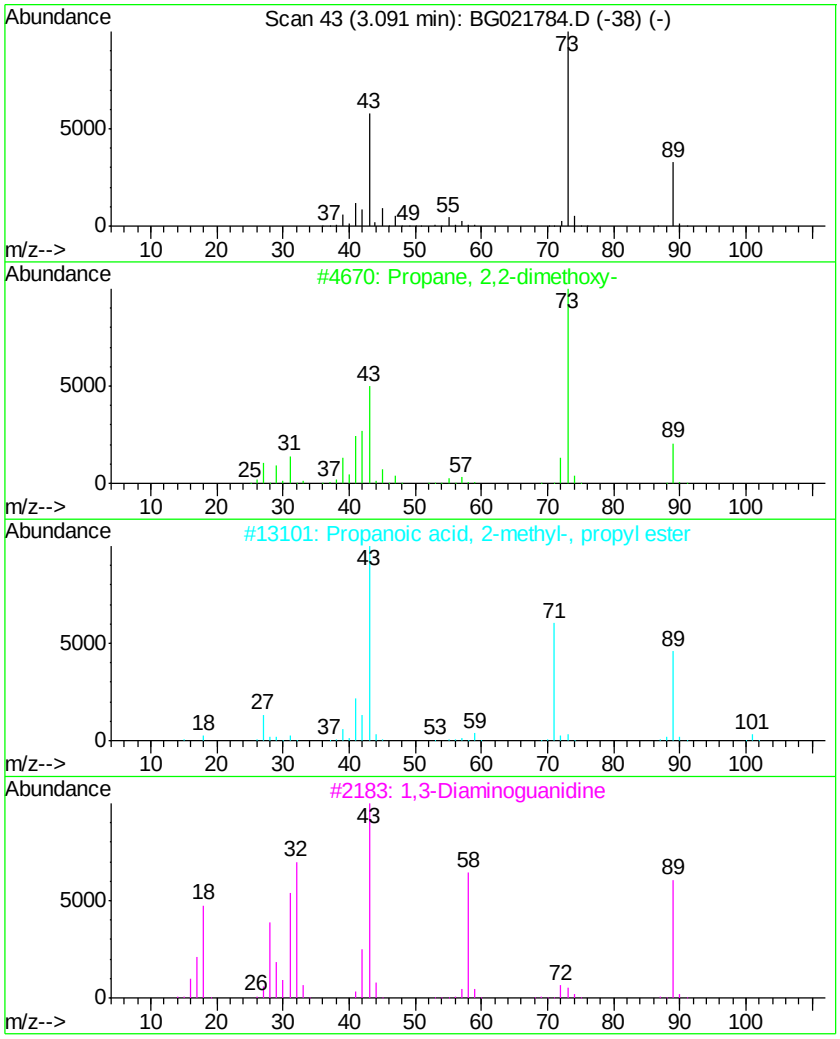
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

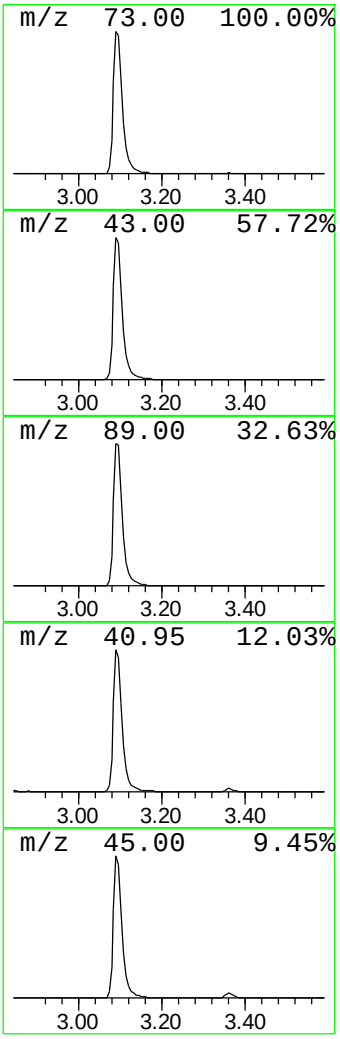
****

Peak Number 1 unknown3.09 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	246.18 ng	3002980	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9





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Acq On : 20 Apr 2016 14:25
Operator : UM/SJ
Sample : H2589-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.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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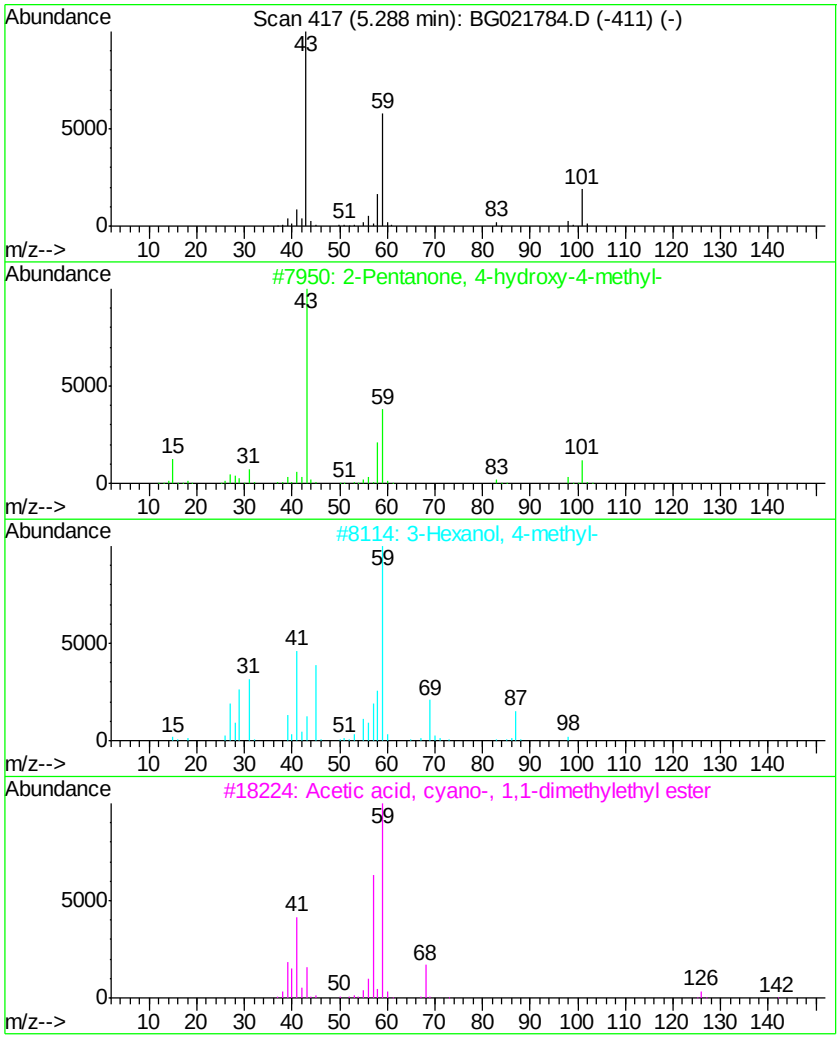
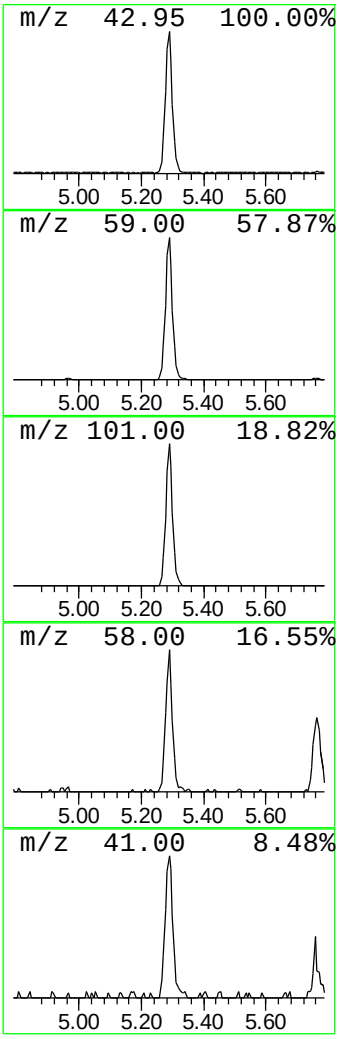
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	15.43 ng	188222	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	Acetone	58	C3H6O	000067-64-1	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021784.D
Acq On : 20 Apr 2016 14:25
Operator : UM/SJ
Sample : H2589-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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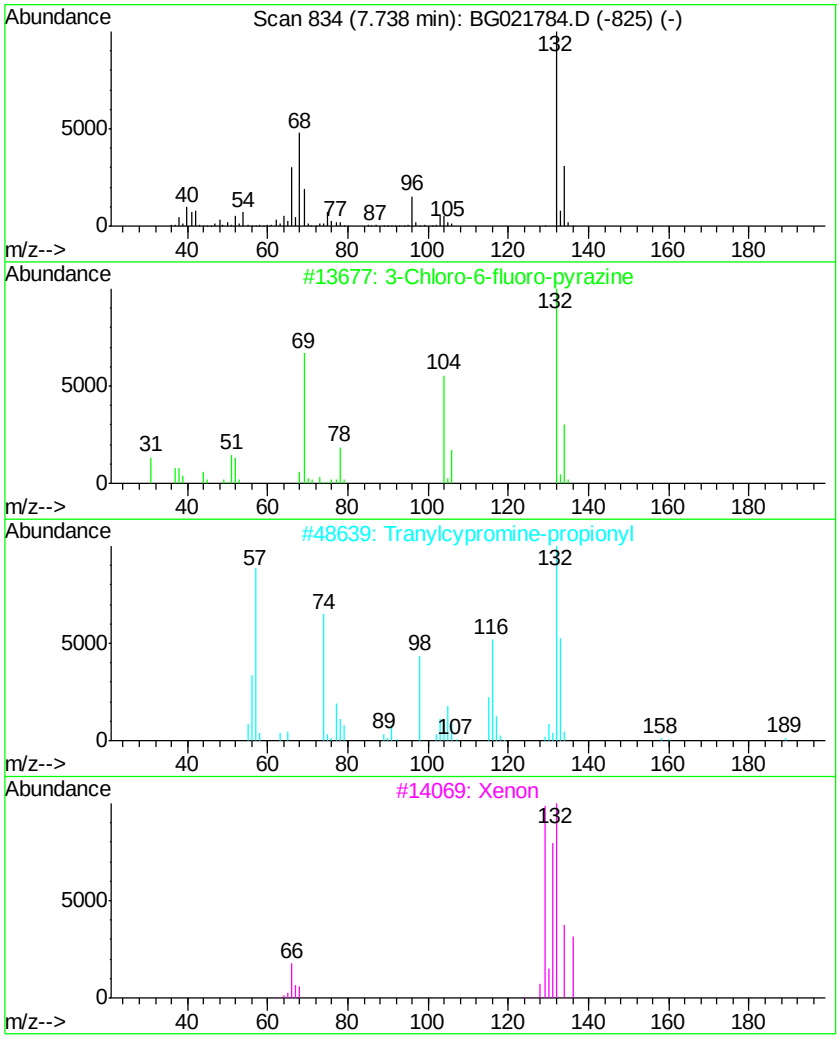
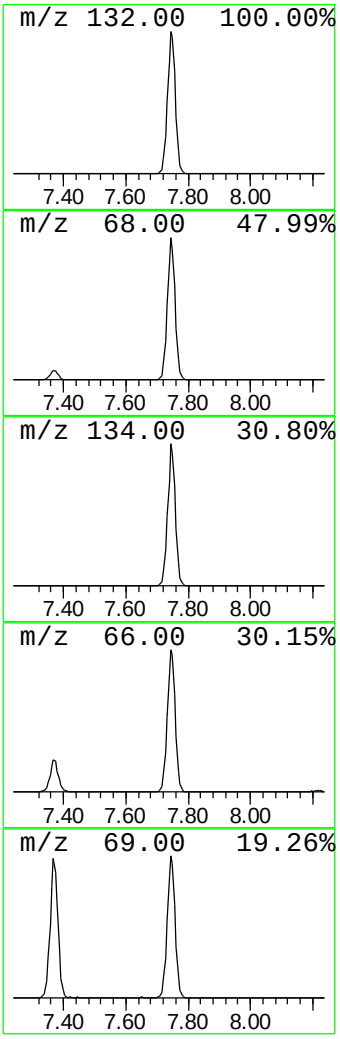
Peak Number 3 unknown7.74 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	89.86 ng	1096130	1,4-Dichlorobenzene-d4	8.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Xenon	132	Xe	007440-63-3	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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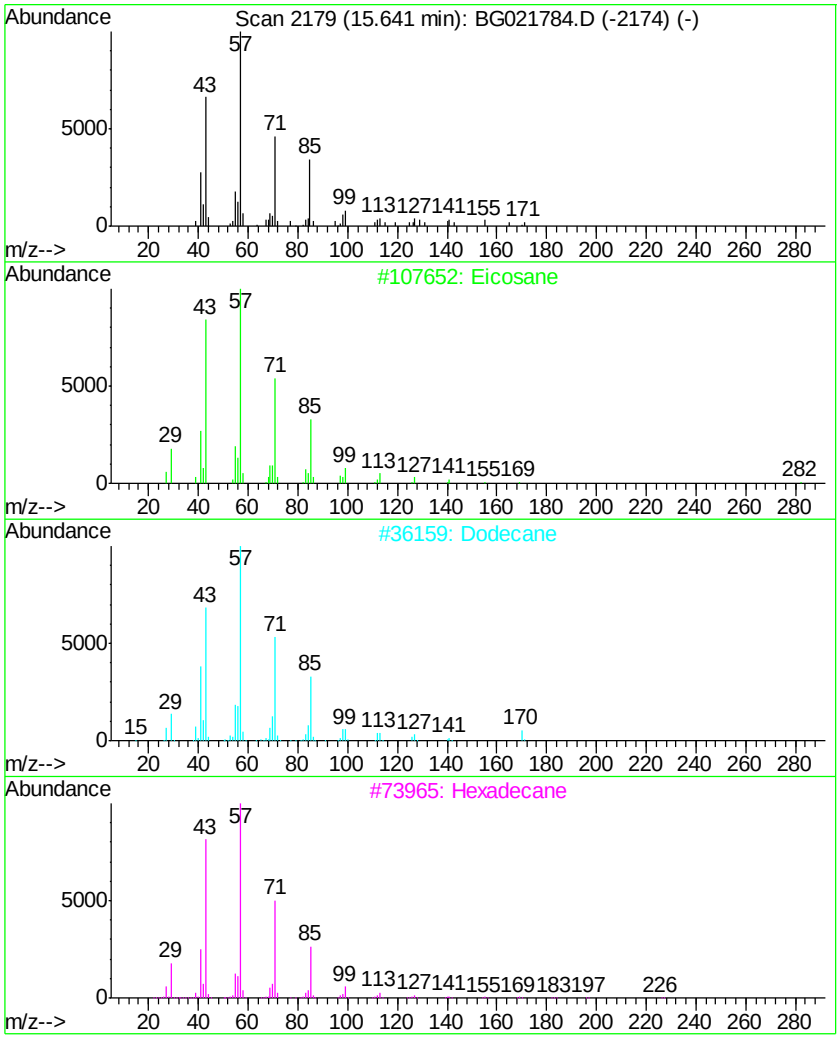
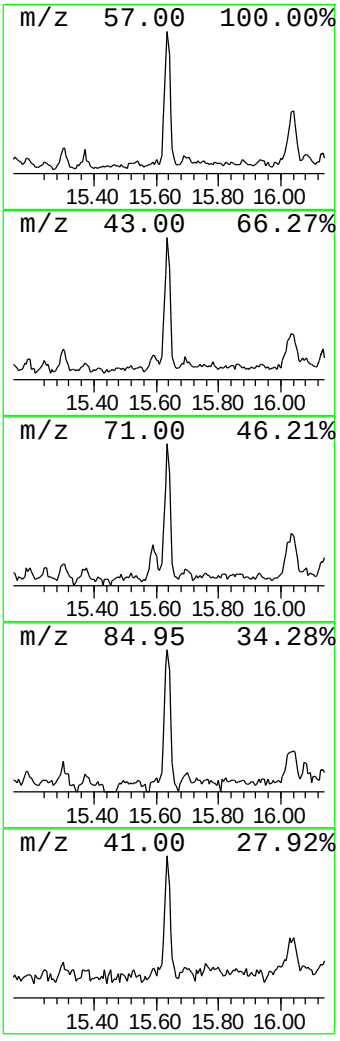
Peak Number 5 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	2.68 ng	62352	Acenaphthene-d10	14.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tetradecane	198	C14H30	000629-59-4	80
5	Tridecane	184	C13H28	000629-50-5	72





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Operator : UM/SJ
Sample : H2589-13
Misc :
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Instrument : BNA_G
ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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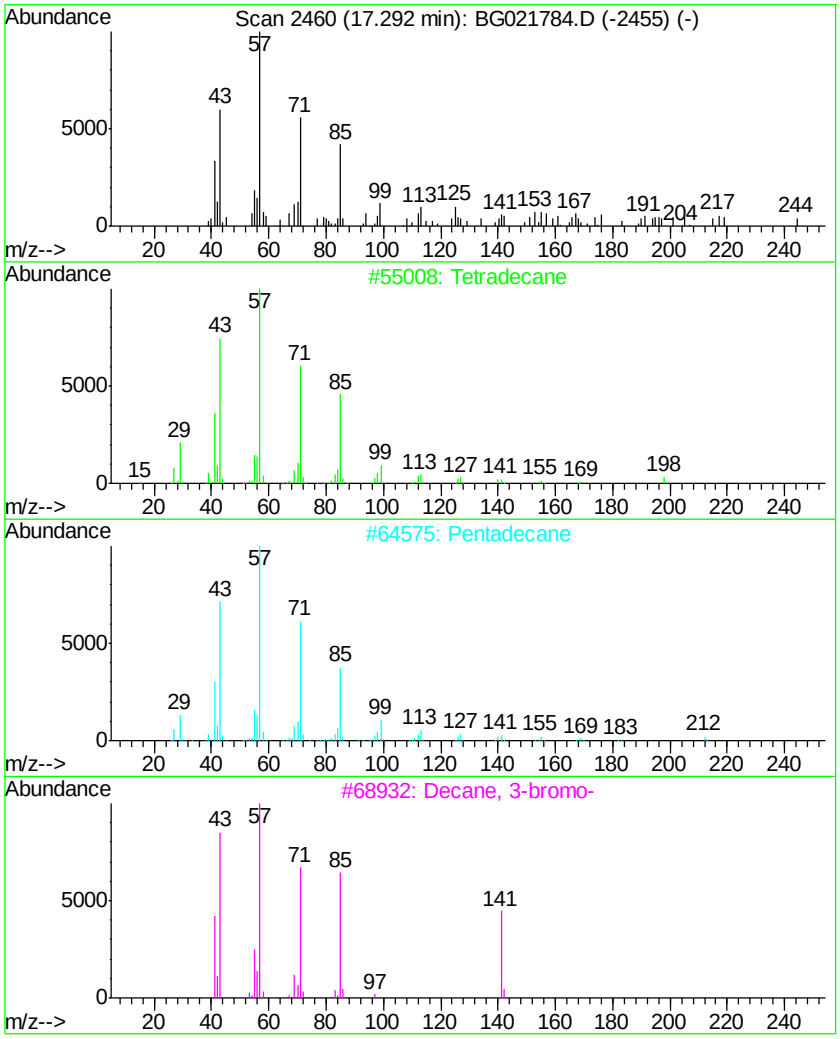
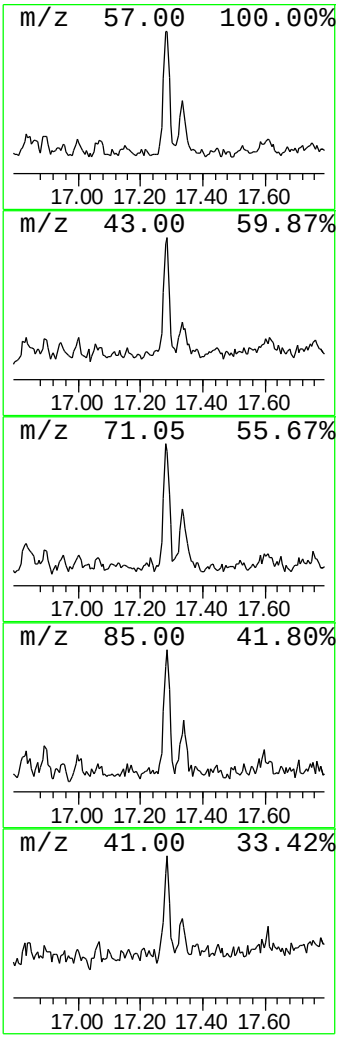
****

Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	2.08 ng	52718	Phenanthrene-d10	17.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Pentadecane	212	C15H32	000629-62-9	89
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	64
4	Dodecane	170	C12H26	000112-40-3	64
5	Hexadecane	226	C16H34	000544-76-3	64





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ClientSampleId : WPG-B20(0-5)-C

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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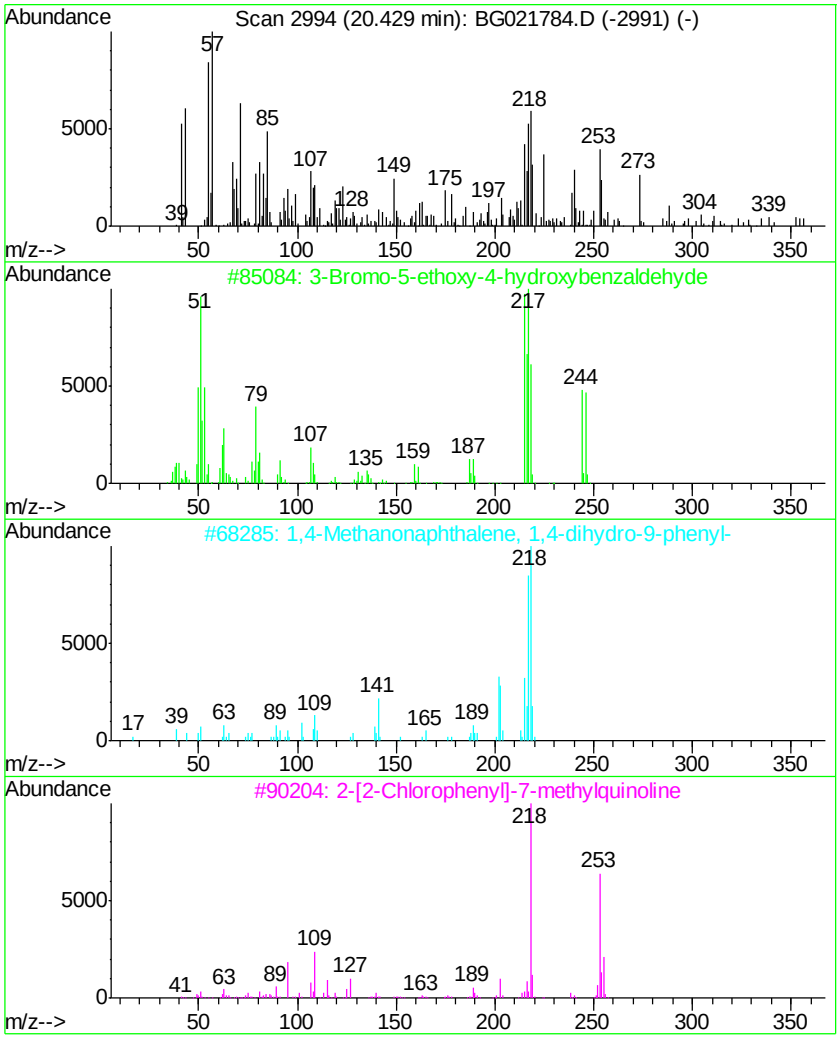
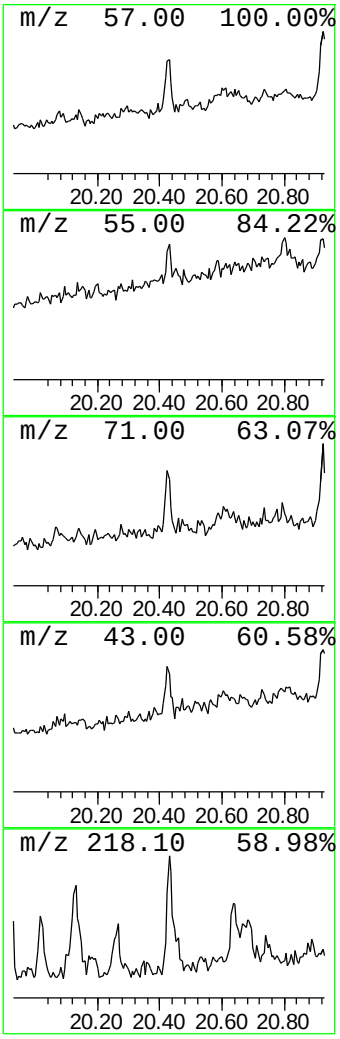
Peak Number 8 unknown20.43 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	3.52 ng	85300	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-5-ethoxy-4-hydroxybenzal...	244	C9H9BrO3	003111-37-3	35
2	1,4-Methanonaphthalene, 1,4-dihy...	218	C17H14	055028-73-4	14
3	2-[2-Chlorophenyl]-7-methylquino...	253	C16H12ClN	1000253-29-3	14
4	7b-Phenyl-2a,7b-dihydro-3H-cyclo...	218	C17H14	138089-70-0	14
5	Naphthalene, 1-(phenylmethyl)-	218	C17H14	000611-45-0	10





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
unknown3.09	3.09	246.2	ng	3002980	1	8.21	243964	20.0
2-Pentanone, 4-hy...	5.29	15.4	ng	188222	1	8.21	243964	20.0
unknown7.74	7.74	89.9	ng	1096130	1	8.21	243964	20.0
Eicosane	15.64	2.7	ng	62352	3	14.82	465591	20.0
Tetradecane	17.29	2.1	ng	52718	4	17.56	505696	20.0
unknown20.43	20.43	3.5	ng	85300	5	21.83	485014	20.0