LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021789.D
Acq On : 20 Apr 2016 17:43
Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

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	3.100	38	44	64	rVB	1481223	2426225	100.00%	14.703%
2	3.365	84	89	97	rVB	17702	28153	1.16%	0.171%
3	5.292	411	417	426	rBV	58128	95068	3.92%	0.576%
4	5.768	490	498	509	rBV	654710	1105972	45.58%	6.702%
5	7.378	762	772	782	rBV	685487	1262181	52.02%	7.649%
6	7.748	826	835	851	rVB	669320	1227116	50.58%	7.436%
7	8.218	908	915	922	rBV	175607	302580	12.47%	1.834%
8	8.541	962	970	980	rBV	487594	877468	36.17%	5.317%
9	9.387	1105	1114	1123	rBV	426624	790615	32.59%	4.791%
10	11.038	1387	1395	1401	rBV	240613	454197	18.72%	2.752%
11	13.453	1797	1806	1813	rBV	997703	1542115	63.56%	9.345%
12	14.264	1937	1944	1950	rBV	80057	119808	4.94%	0.726%
13	14.828	2032	2040	2047	rVB2	345620	568270	23.42%	3.444%
14	15.638	2174	2178	2182	rVB	34454	43060	1.77%	0.261%
15	16.308	2285	2292	2302	rBV	714393	1131912	46.65%	6.859%
16	16.496	2319	2324	2342	rBV	37619	78913	3.25%	0.478%
17	17.284	2454	2458	2464	rBV2	29529	42357	1.75%	0.257%
18	17.566	2498	2506	2510	rBV2	394612	644156	26.55%	3.904%
19	17.607	2510	2513	2520	rVV	91387	136310	5.62%	0.826%
20	17.695	2524	2528	2532	rVB	18679	28376	1.17%	0.172%
21	18.482	2657	2662	2667	rVB3	28043	45288	1.87%	0.274%
22	18.623	2681	2686	2691	rBV4	33143	67294	2.77%	0.408%
23	19.334	2803	2807	2812	rBV	26697	42770	1.76%	0.259%
24	19.599	2847	2852	2857	rBV	242247	350160	14.43%	2.122%
25	19.957	2909	2913	2920	rVB	223896	336180	13.86%	2.037%
26	20.145	2940	2945	2950	rBV	1252949	1659402	68.39%	10.056%
27	21.438	3161	3165	3173	rVB2	174390	248369	10.24%	1.505%
28	21.837	3226	3233	3238	rBV2	407055	847638	34.94%	5.137%

Sum of corrected areas: 16501953

LSC Report - Integrated Chromatogram

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Data File : BG021789.D
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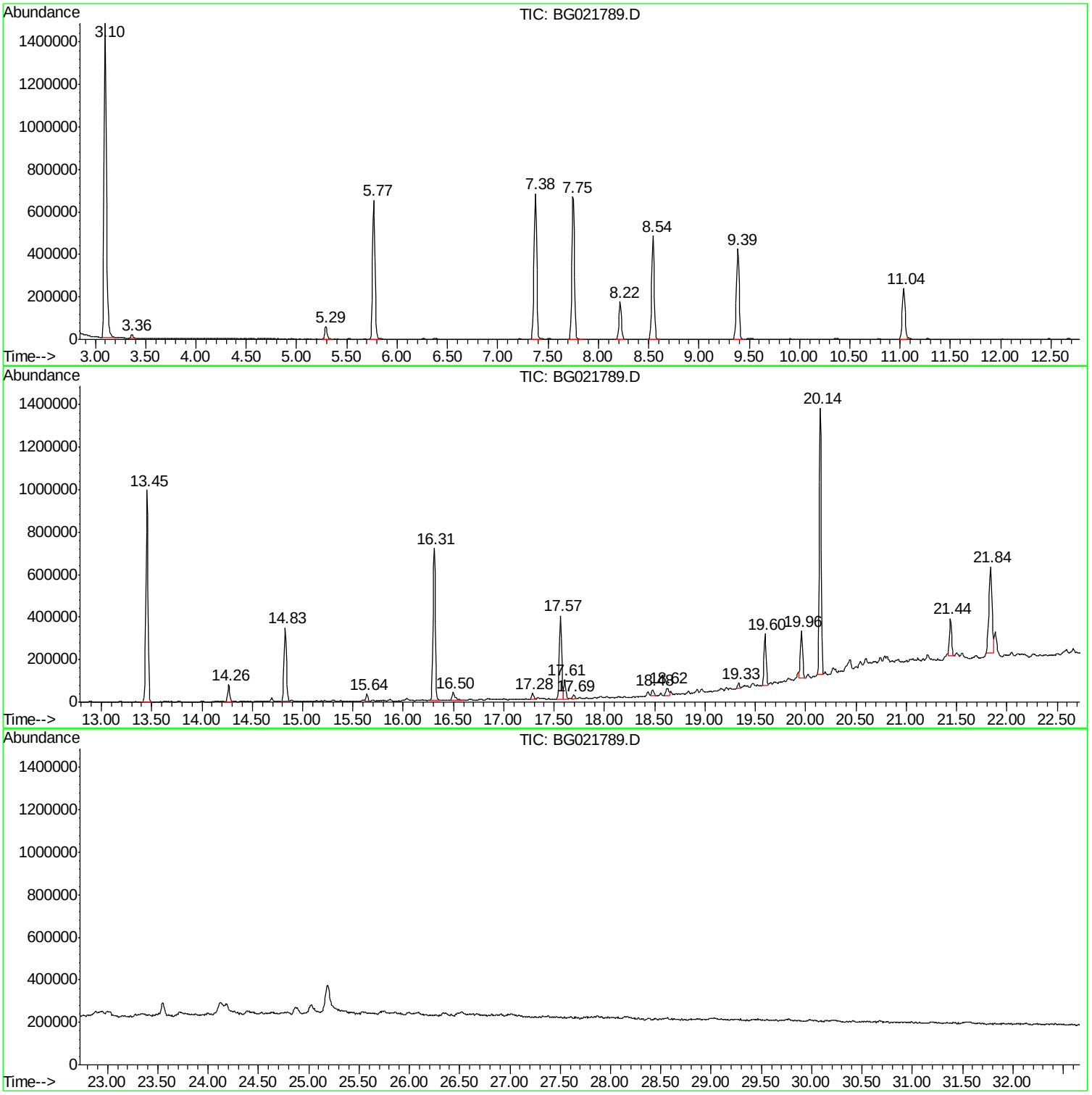
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-2-E-5(0-2)

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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Data File : BG021789.D
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Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

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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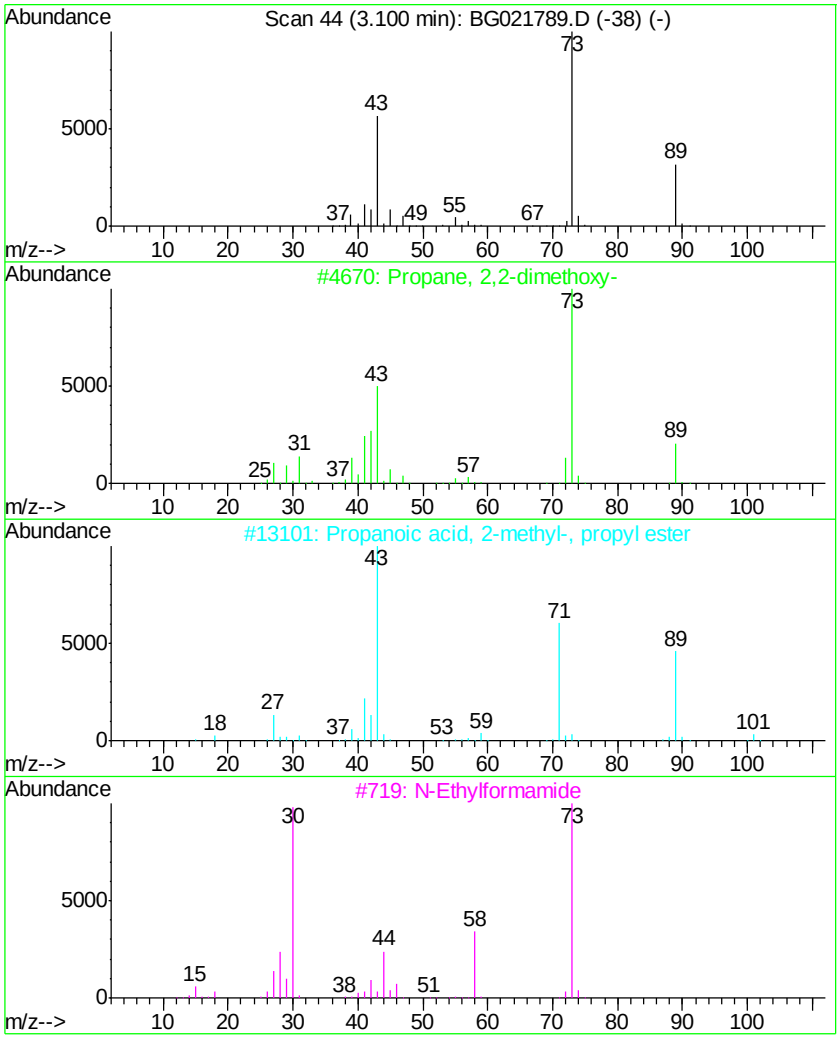
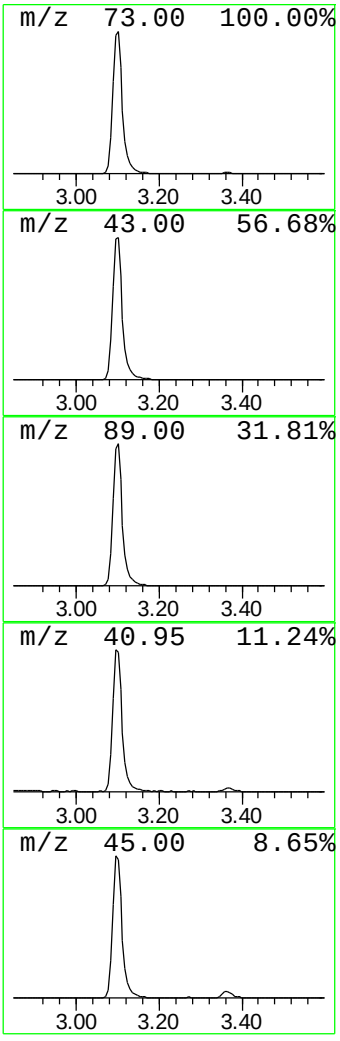
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.10	160.37 ng	2426230	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BG021789.D
Acq On : 20 Apr 2016 17:43
Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

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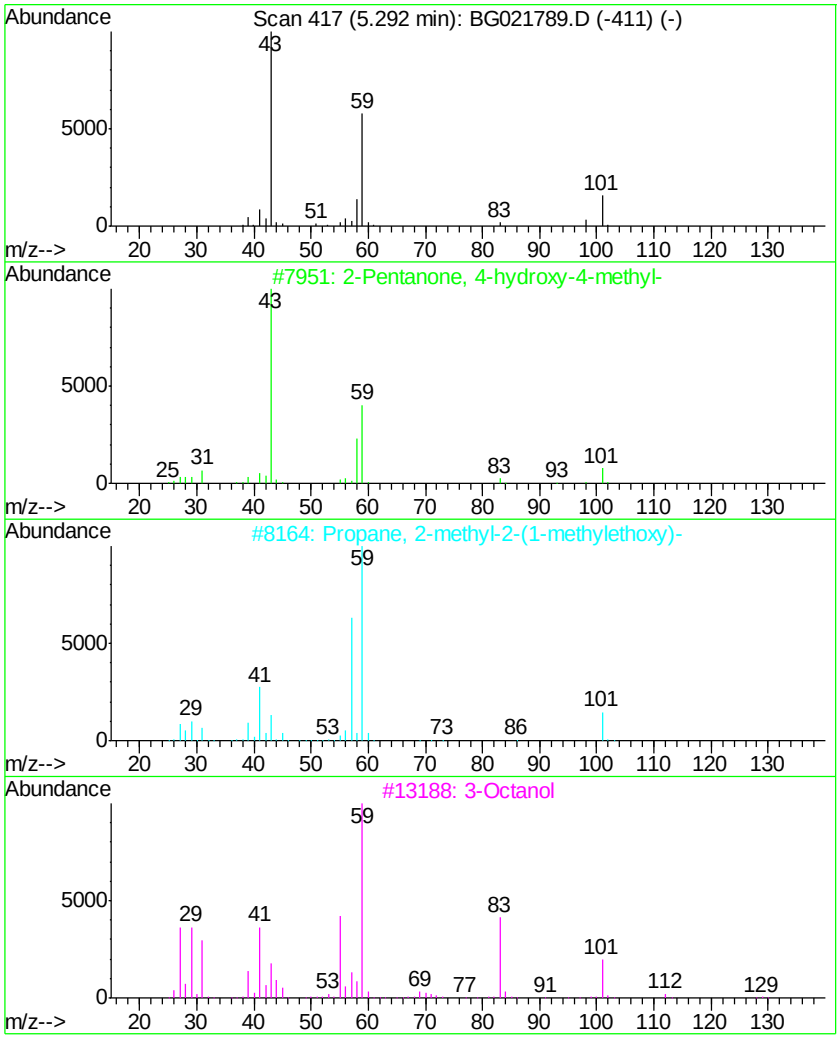
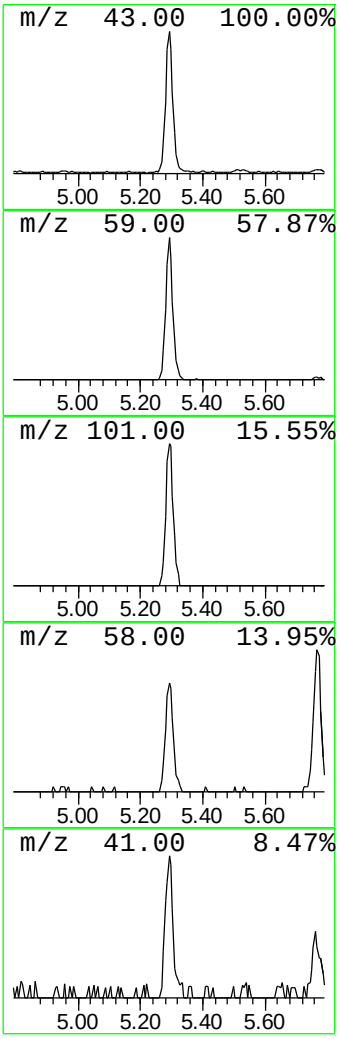
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	6.28 ng	95068	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3	3-Octanol	130	C8H18O	000589-98-0	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG042116\
Data File : BG021789.D
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Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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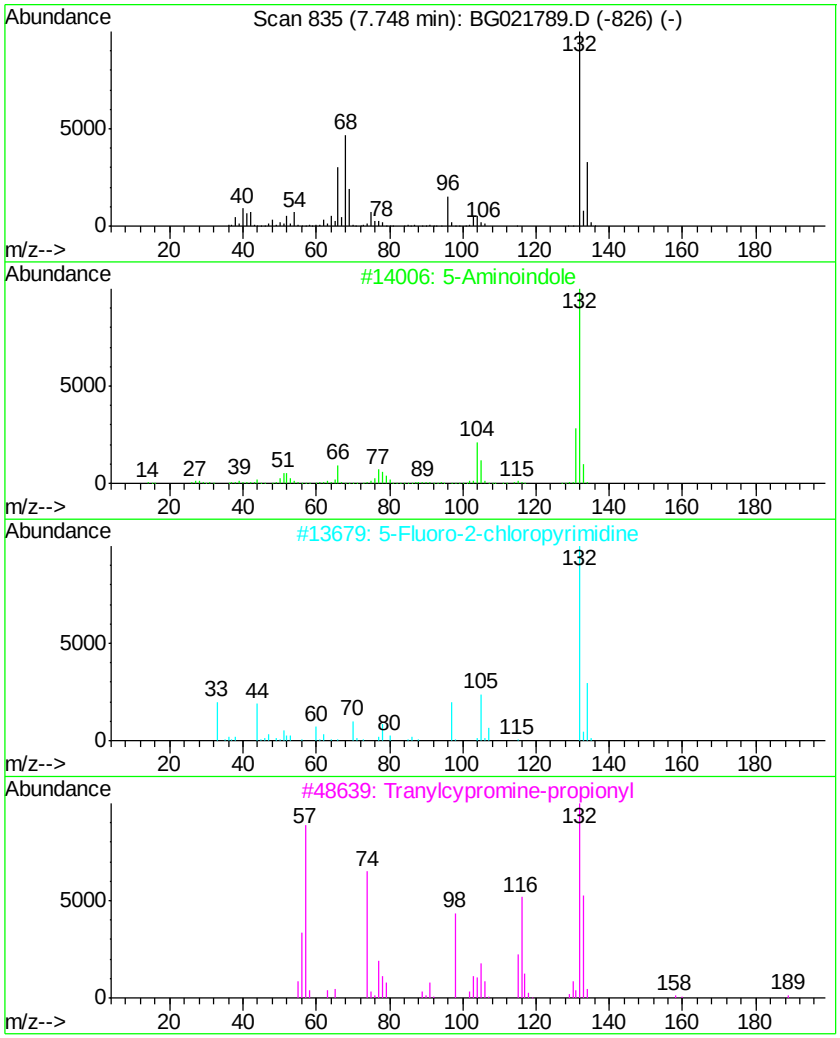
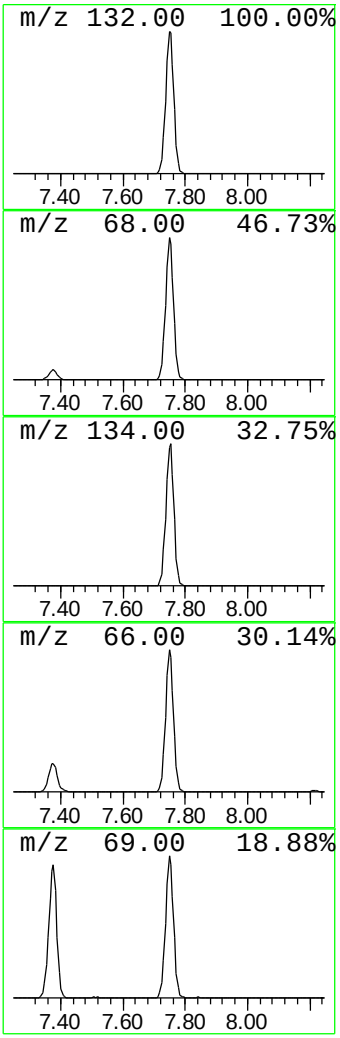
Peak Number 3 unknown7.75 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	81.11 ng	1227120	1,4-Dichlorobenzene-d4	8.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Aminoindole	132	C8H8N2	005192-03-0	22
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
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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Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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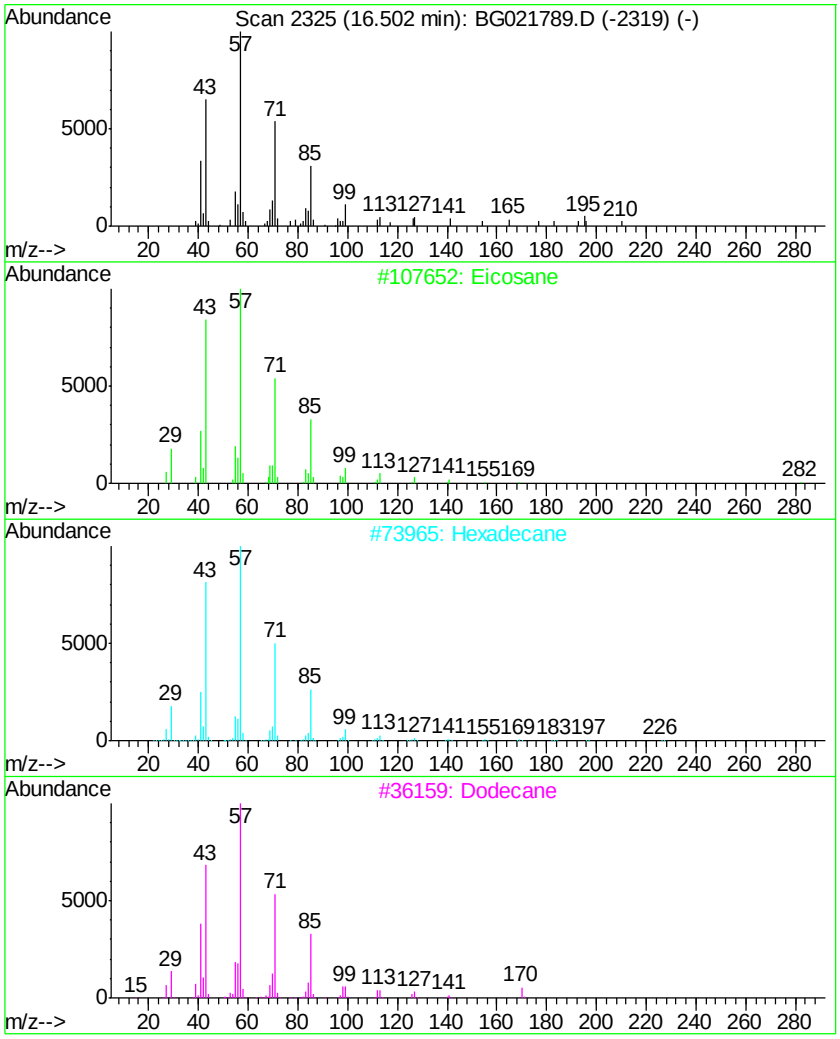
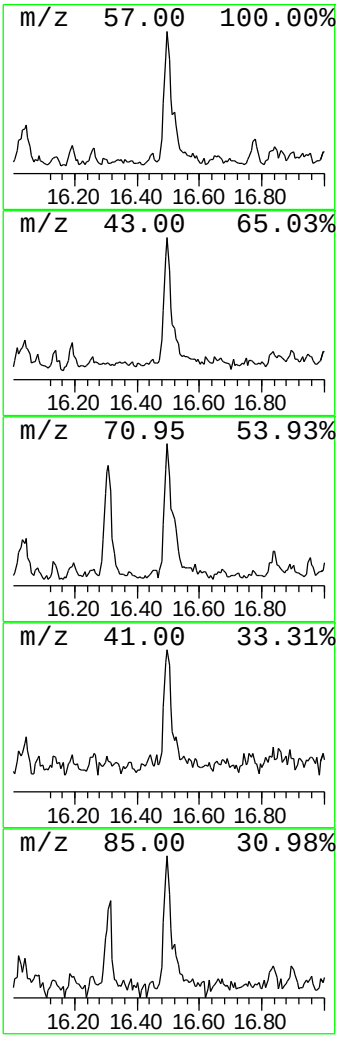
Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.45 ng	78913	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Pentadecane	212	C15H32	000629-62-9	86
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





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Operator : UM/SJ
Sample : H2413-05
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-2-E-5(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
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TIC Library : C:\DATABASE\NIST02.L
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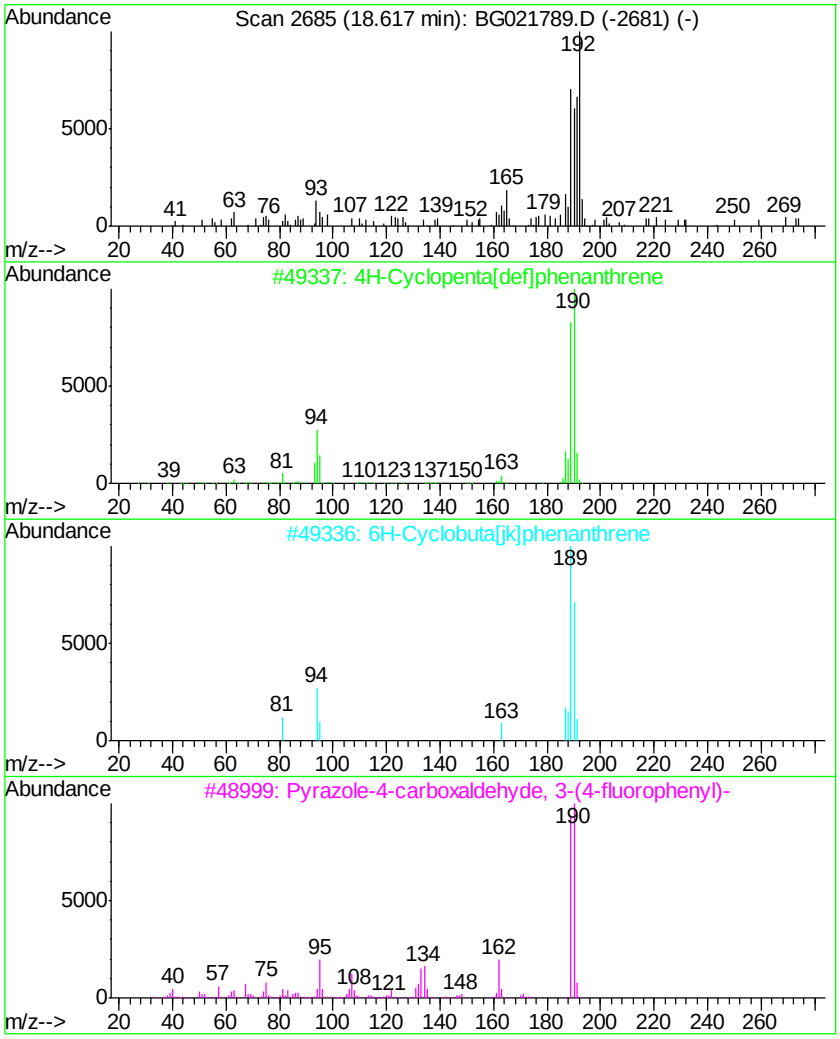
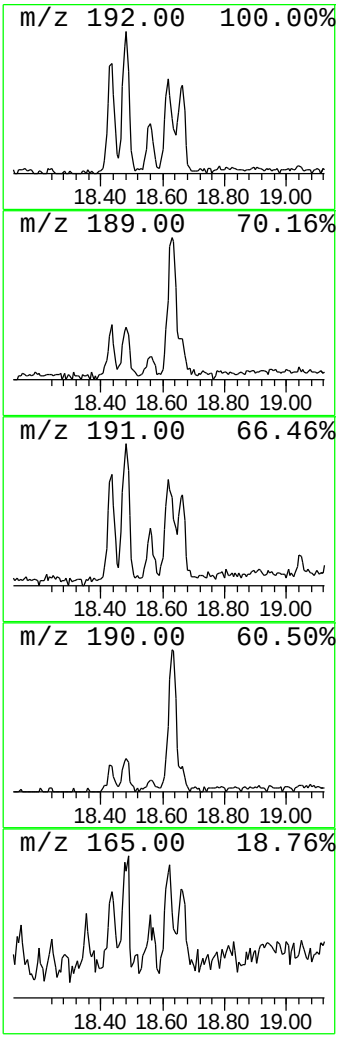
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	2.09 ng	67294	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	43
4	5-Bromofuroic acid	190	C5H3BrO3	000585-70-6	27
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	25





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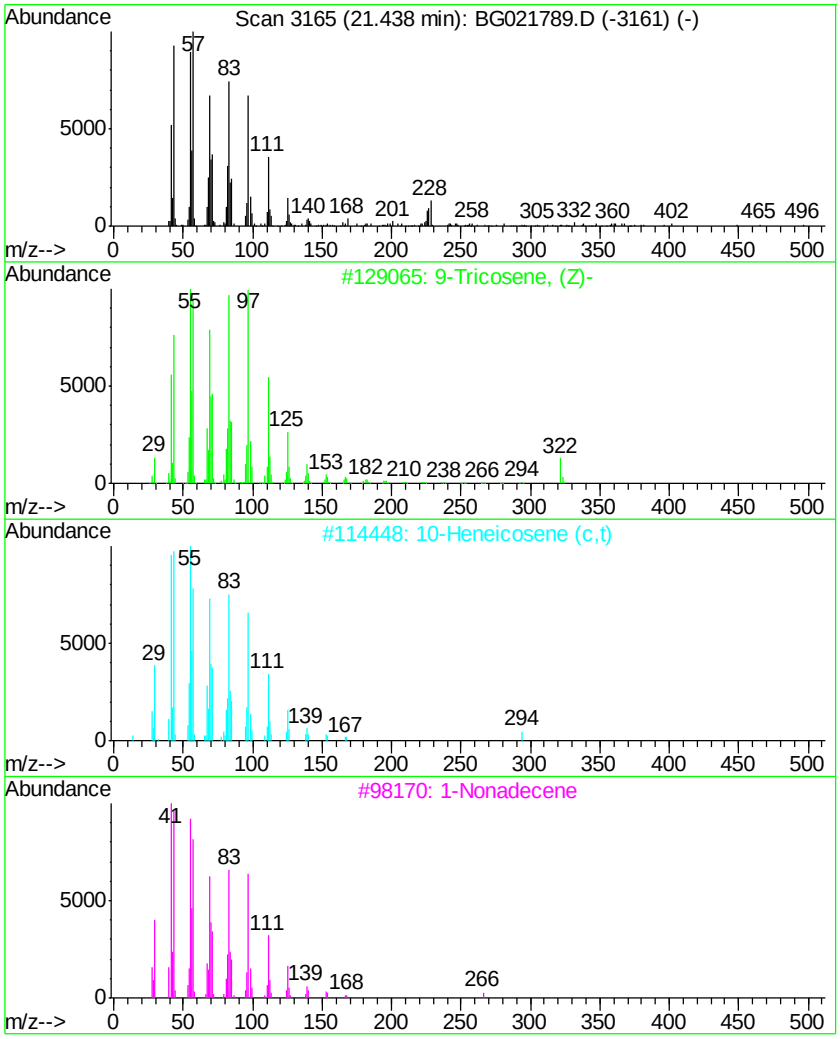
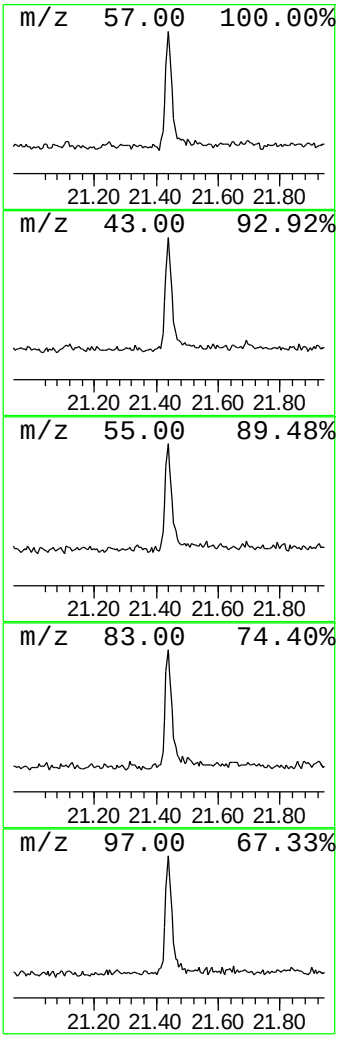
****

Peak Number 7 9-Tricosene, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.44	5.86 ng	248369	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	1-Nonadecene	266	C19H38	018435-45-5	90
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	90
5	1,2-Octadecanediol	286	C18H38O2	020294-76-2	87





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
Propane, 2,2-dime...	3.10	160.4	ng	2426230	1	8.22	302580	20.0
2-Pentanone, 4-hy...	5.29	6.3	ng	95068	1	8.22	302580	20.0
unknown7.75	7.75	81.1	ng	1227120	1	8.22	302580	20.0
Eicosane	16.50	2.5	ng	78913	4	17.57	644156	20.0
4H-Cyclopenta[def...	18.62	2.1	ng	67294	4	17.57	644156	20.0
9-Tricosene, (Z)-	21.44	5.9	ng	248369	5	21.84	847638	20.0