LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG073116\
Data File : BG023364.D
Acq On : 30 Jul 2016 19:30
Operator : UM/SJ
Sample : H4223-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

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-BG072616.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	3.003	23	28	43	rBV	4764896	7696637	91.80%	11.430%
2	4.584	292	297	306	rBV	199313	304620	3.63%	0.452%
3	5.194	392	401	411	rVB	1289628	1978989	23.60%	2.939%
4	5.670	473	482	498	rBV	2060997	3434902	40.97%	5.101%
5	7.292	750	758	769	rBV	2707782	4971339	59.30%	7.383%
6	7.662	814	821	835	rBV	2484463	4322620	51.56%	6.420%
7	8.138	892	902	908	rBV	637180	1120740	13.37%	1.664%
8	8.461	948	957	965	rBV	1929674	3361400	40.09%	4.992%
9	9.312	1092	1102	1113	rBV	1824244	3322290	39.63%	4.934%
10	10.969	1376	1384	1396	rBV	1079964	1941943	23.16%	2.884%
11	13.419	1793	1801	1812	rBV	5190949	8260724	98.53%	12.268%
12	14.247	1935	1942	1948	rBV	743654	1148584	13.70%	1.706%
13	14.676	2010	2015	2019	rVB	85251	109125	1.30%	0.162%
14	14.805	2030	2037	2046	rBV2	1812601	2996272	35.74%	4.450%
15	15.627	2173	2177	2183	rVB2	167372	221121	2.64%	0.328%
16	16.303	2285	2292	2300	rBV	2337101	3822775	45.60%	5.677%
17	16.491	2320	2324	2334	rBV2	175707	327660	3.91%	0.487%
18	17.290	2457	2460	2465	rBV	103038	121042	1.44%	0.180%
19	17.566	2500	2507	2514	rBV2	1969410	3104271	37.03%	4.610%
20	19.622	2852	2857	2863	rBV2	74258	116509	1.39%	0.173%
21	19.980	2913	2918	2924	rVB	64849	122421	1.46%	0.182%
22	20.174	2945	2951	2961	rBV	6214922	8384020	100.00%	12.451%
23	21.884	3235	3242	3256	rVB2	1676158	3099938	36.97%	4.604%
24	23.634	3535	3540	3546	rVB3	100497	186439	2.22%	0.277%
25	25.285	3812	3821	3834	rVB2	955099	2858313	34.09%	4.245%

Sum of corrected areas: 67334694

LSC Report - Integrated Chromatogram

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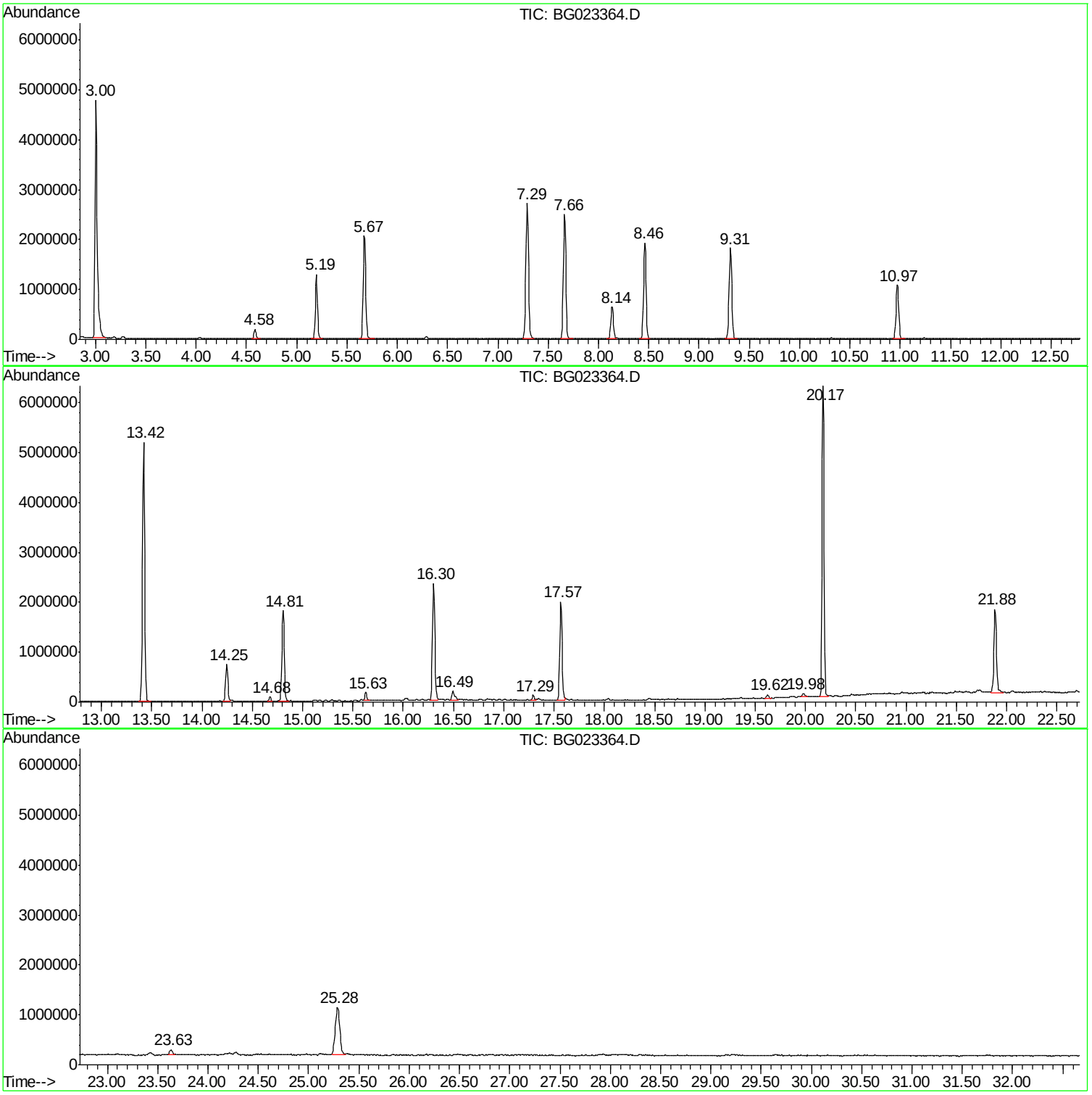
Instrument :
BNA_G
ClientSampleId :
DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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ClientSampleId : DUPLICATE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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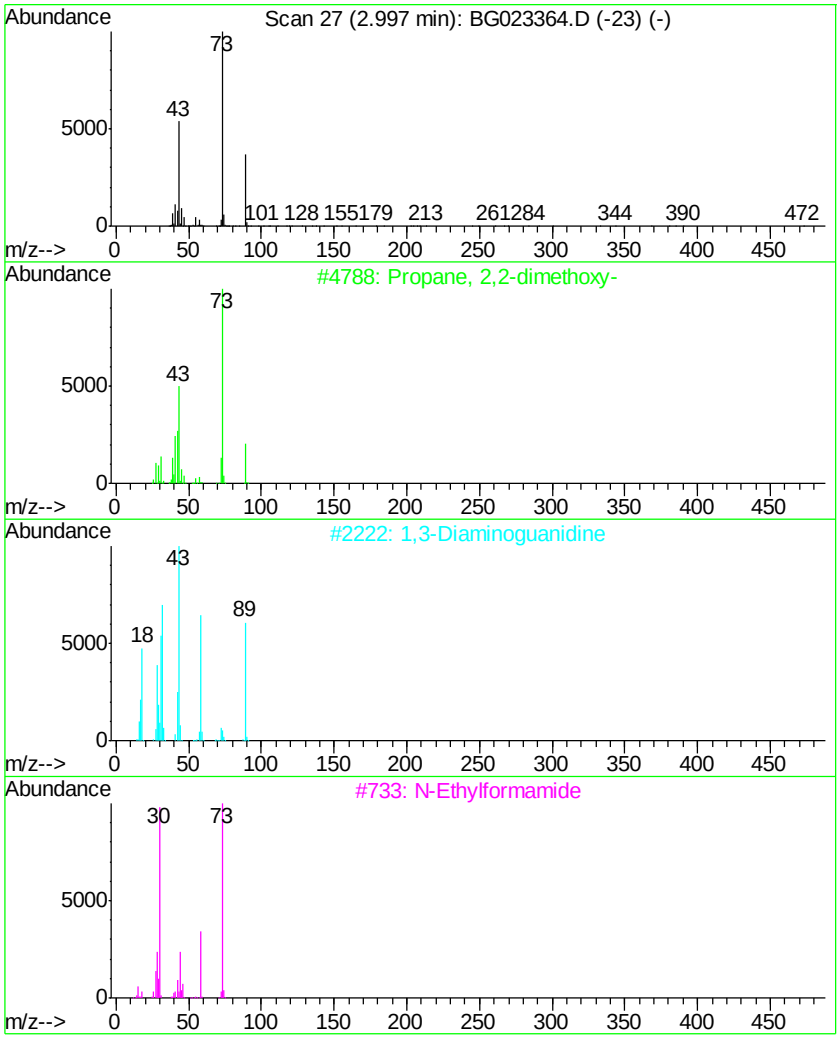
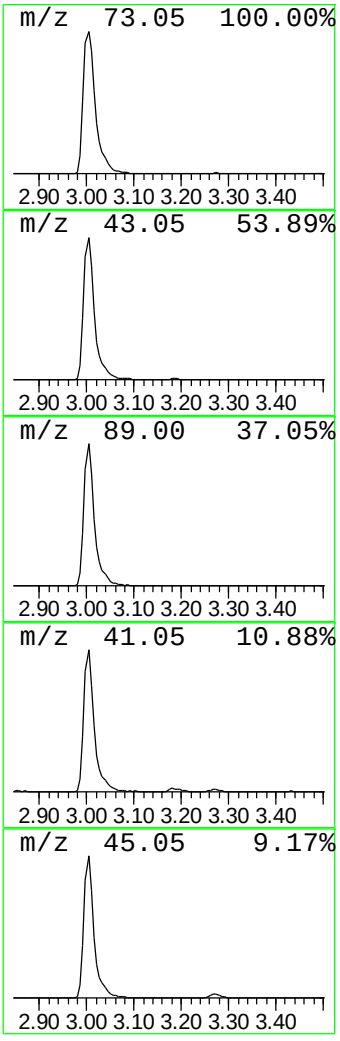
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	137.35 ng	7696640	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	23
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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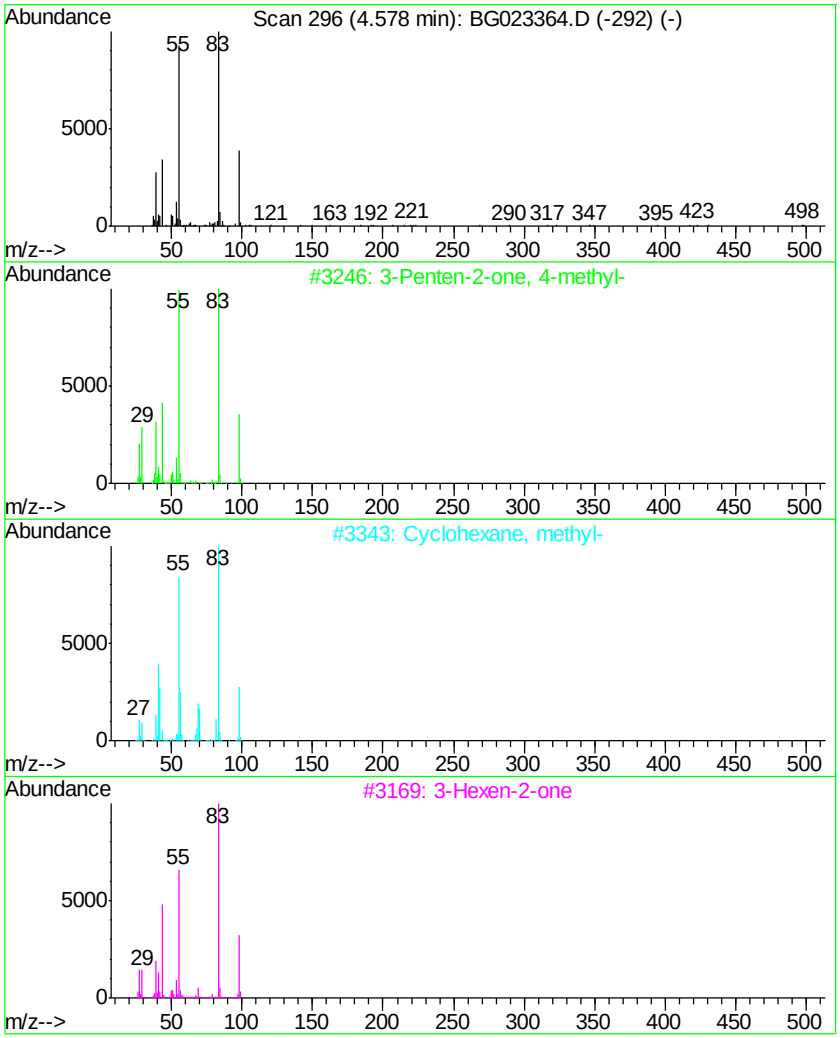
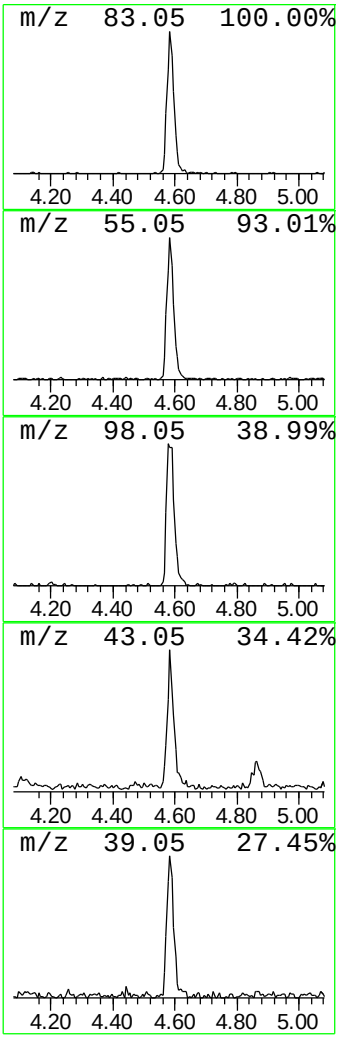
Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.58	5.44 ng	304620	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	80
3	3-Hexen-2-one	98	C6H10O	000763-93-9	80
4	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	72
5	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	72





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Operator : UM/SJ
Sample : H4223-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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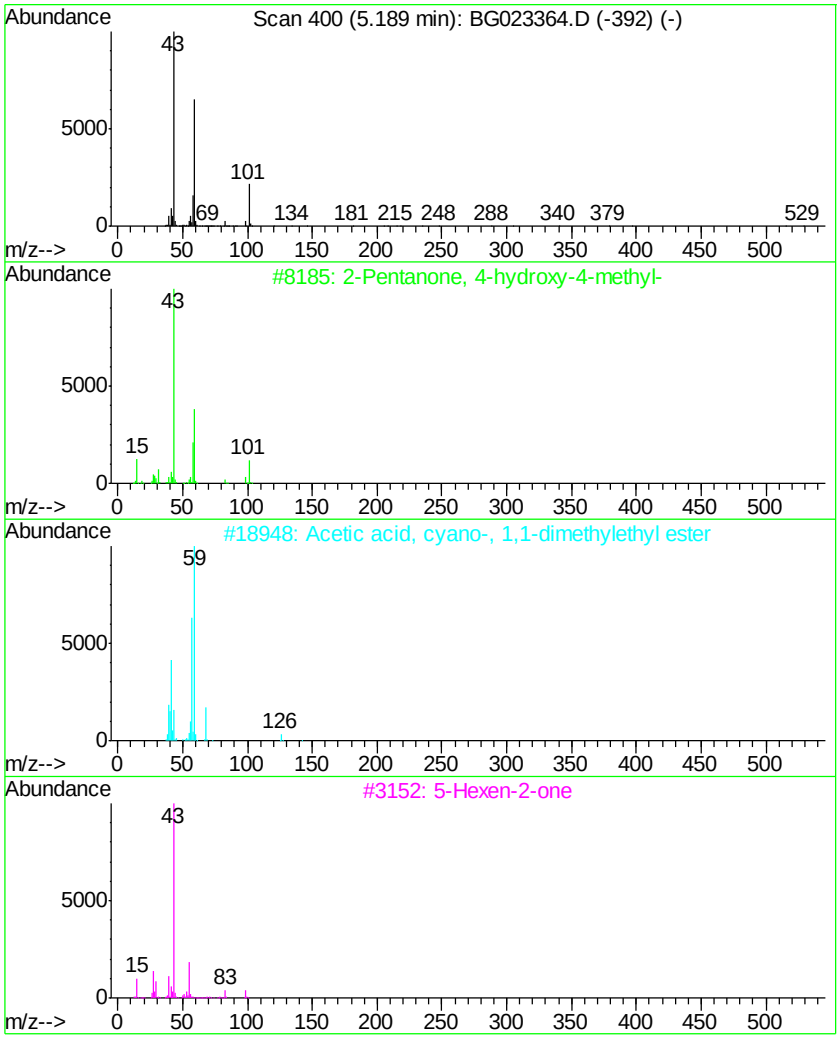
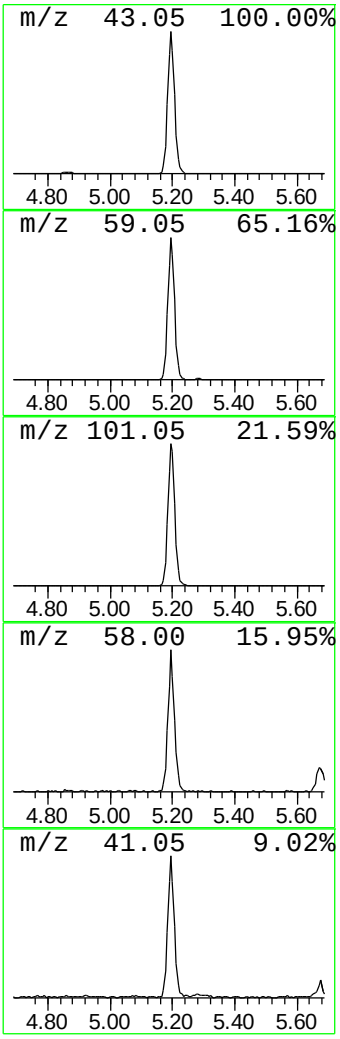
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	35.32 ng	1978990	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Sample : H4223-12
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ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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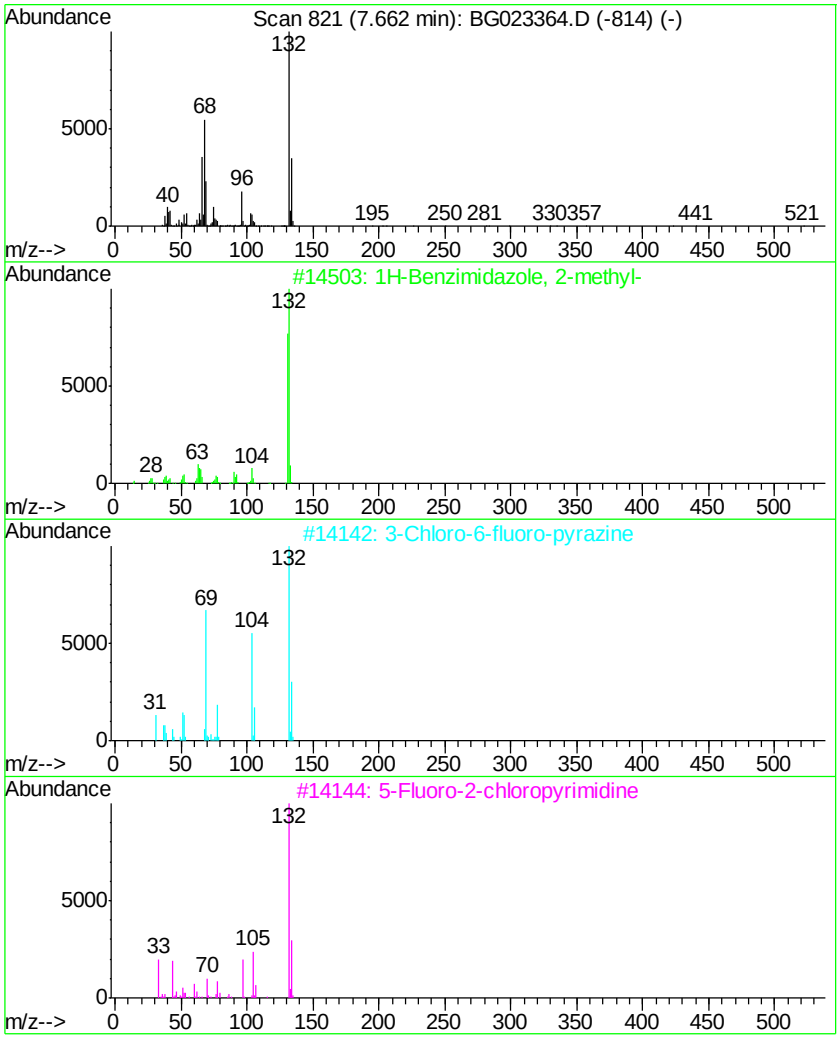
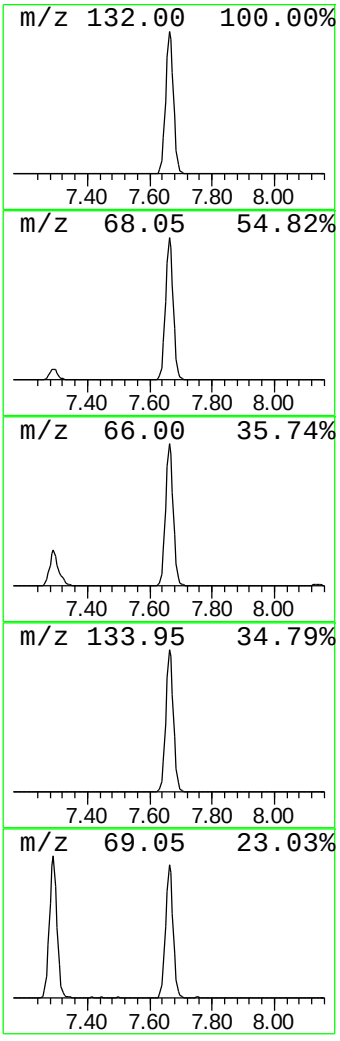
Peak Number 4 unknown7.66 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	77.14 ng	4322620	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DUPLICATE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG072616.M
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TIC Integration Parameters: LSCINT.P

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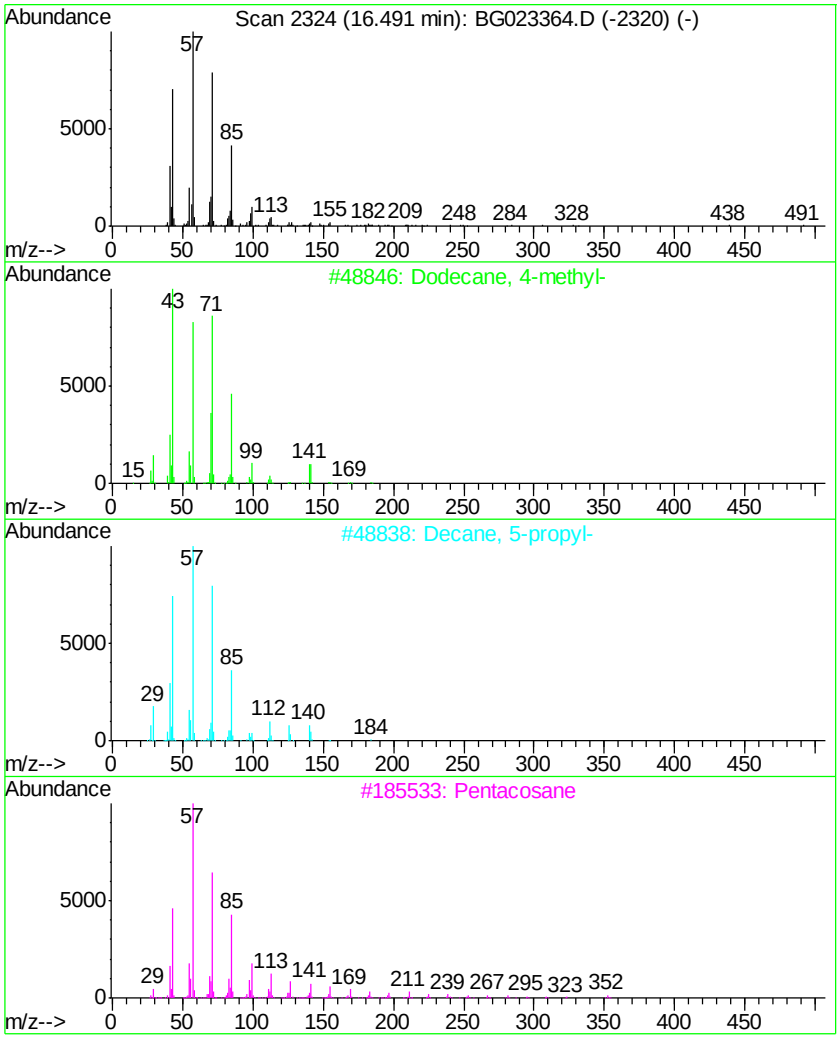
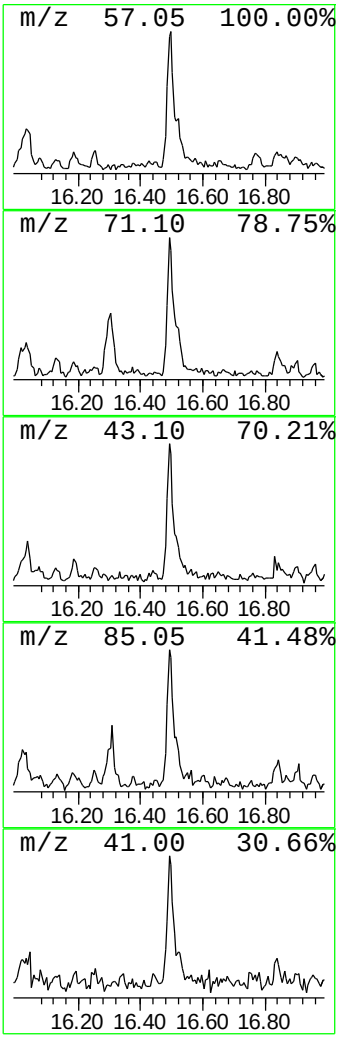
Peak Number 6 Dodecane, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.11 ng	327660	Phenanthrene-d10	17.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
2	Decane, 5-propyl-	184	C13H28	017312-62-8	83
3	Pentacosane	352	C25H52	000629-99-2	72
4	Heptadecane	240	C17H36	000629-78-7	70
5	Tetradecane	198	C14H30	000629-59-4	58





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.00	137.3	ng	7696640	1	8.13	1120740	20.0
3-Penten-2-one, 4...	4.58	5.4	ng	304620	1	8.13	1120740	20.0
2-Pentanone, 4-hy...	5.19	35.3	ng	1978990	1	8.13	1120740	20.0
unknown7.66	7.66	77.1	ng	4322620	1	8.13	1120740	20.0
Dodecane, 4-methyl-	16.49	2.1	ng	327660	4	17.57	3104270	20.0