LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022323.D
Acq On : 13 Jun 2016 13:39
Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-VE-PILE-WALL(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-BG060616.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	2.932	11	16	38	rVB	1329008	2172994	97.00%	13.762%
2	5.153	387	394	404	rVB	28791	55088	2.46%	0.349%
3	5.635	468	476	493	rBV	555461	1051263	46.93%	6.658%
4	7.251	742	751	766	rBV	620046	1204319	53.76%	7.627%
5	7.621	805	814	825	rBV	665240	1286274	57.42%	8.146%
6	8.085	886	893	901	rBV	110548	207487	9.26%	1.314%
7	8.408	940	948	959	rBV	493075	968730	43.24%	6.135%
8	9.260	1085	1093	1109	rBV	357559	743630	33.19%	4.709%
9	10.905	1364	1373	1384	rBV	171397	348682	15.56%	2.208%
10	13.344	1780	1788	1806	rBV	1129138	1944491	86.80%	12.315%
11	14.166	1919	1928	1935	rBV	82431	143098	6.39%	0.906%
12	14.724	2015	2023	2031	rBV2	268535	495629	22.12%	3.139%
13	16.211	2268	2276	2286	rBV	691447	1197010	53.43%	7.581%
14	17.468	2482	2490	2497	rBV	287489	506383	22.60%	3.207%
15	19.513	2834	2838	2840	rBV	17793	24575	1.10%	0.156%
16	19.548	2840	2844	2852	rVB2	51150	82613	3.69%	0.523%
17	19.871	2894	2899	2908	rVB3	24915	47985	2.14%	0.304%
18	20.059	2925	2931	2941	rBV	1571092	2240303	100.00%	14.188%
19	20.212	2953	2957	2961	rVB6	22345	32832	1.47%	0.208%
20	21.346	3146	3150	3159	rVB2	66253	119650	5.34%	0.758%
21	21.734	3211	3216	3228	rVB2	246683	458621	20.47%	2.904%
22	25.012	3767	3774	3786	rVB3	146232	458360	20.46%	2.903%

Sum of corrected areas: 15790017

LSC Report - Integrated Chromatogram

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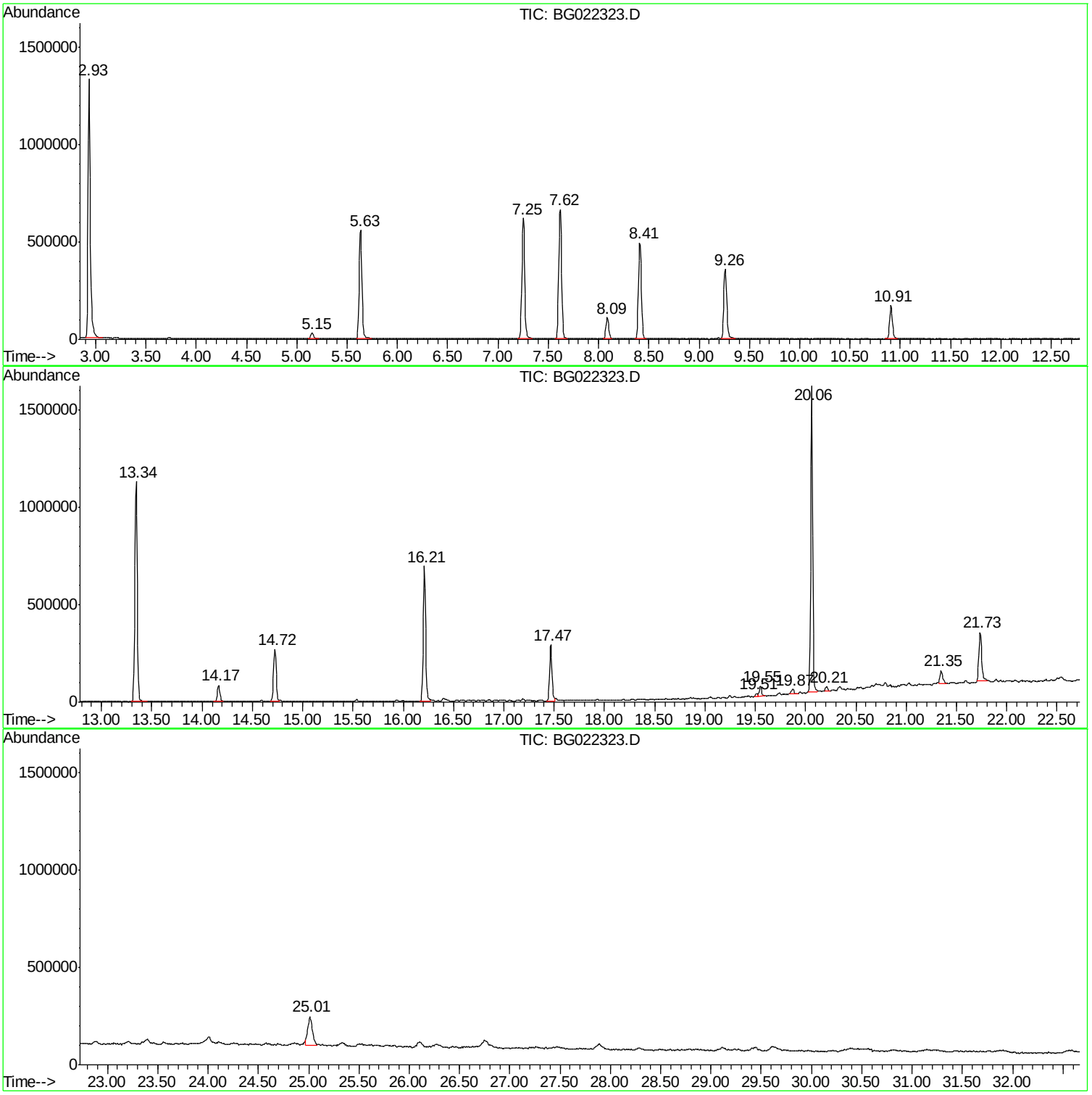
Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG061316\
Data File : BG022323.D
Acq On : 13 Jun 2016 13:39
Operator : UM/SJ
Sample : H3448-03
Misc :
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Instrument : BNA_G
ClientSampleId : 2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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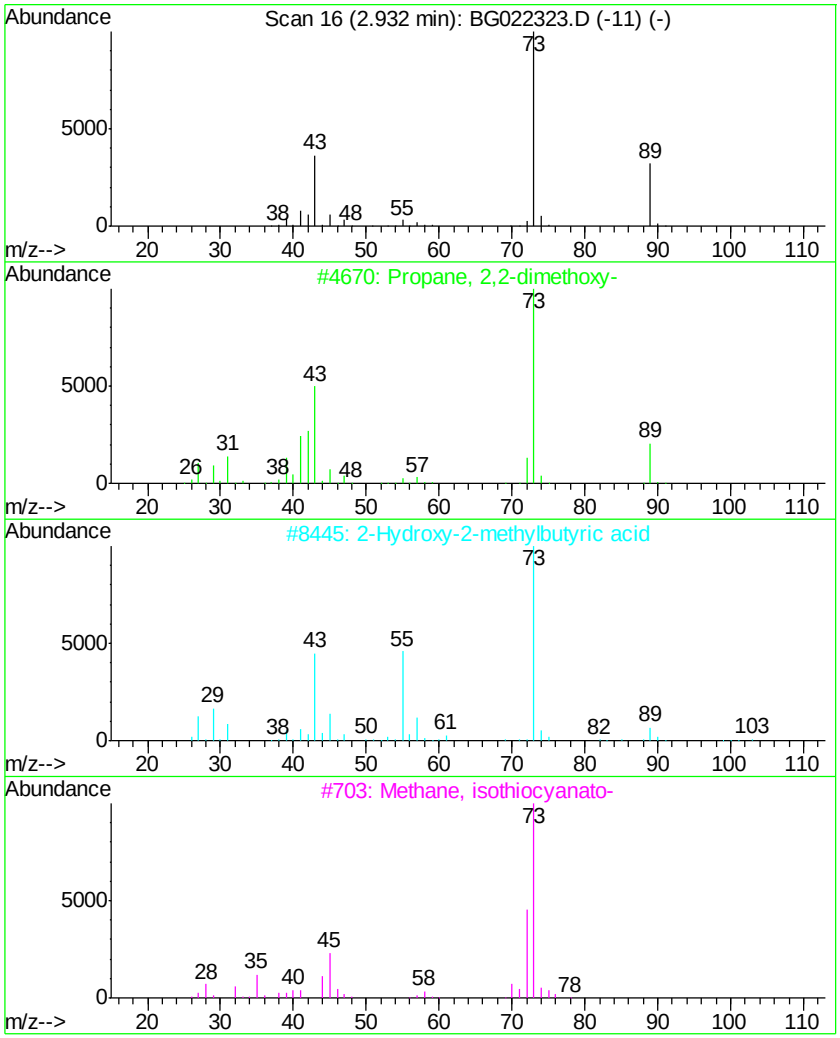
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

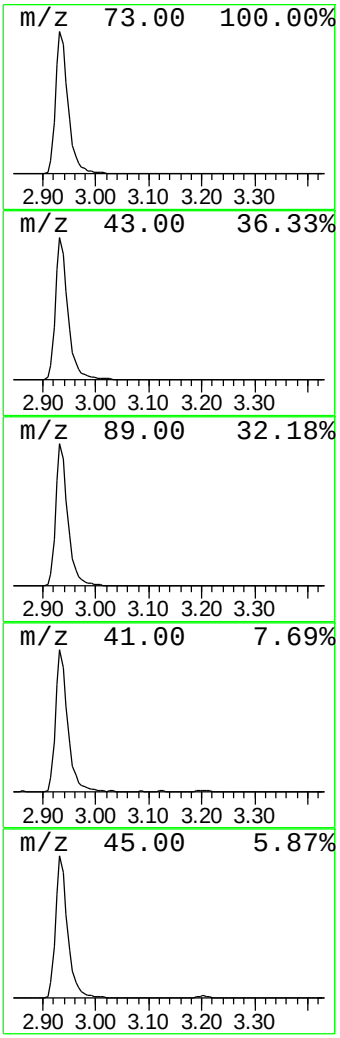
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	209.46 ng	2172990	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
4	N-Ethylformamide	73	C3H7NO	000627-45-2	5
5	1,3,5-Trioxane	90	C3H6O3	000110-88-3	4





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Data File : BG022323.D
Acq On : 13 Jun 2016 13:39
Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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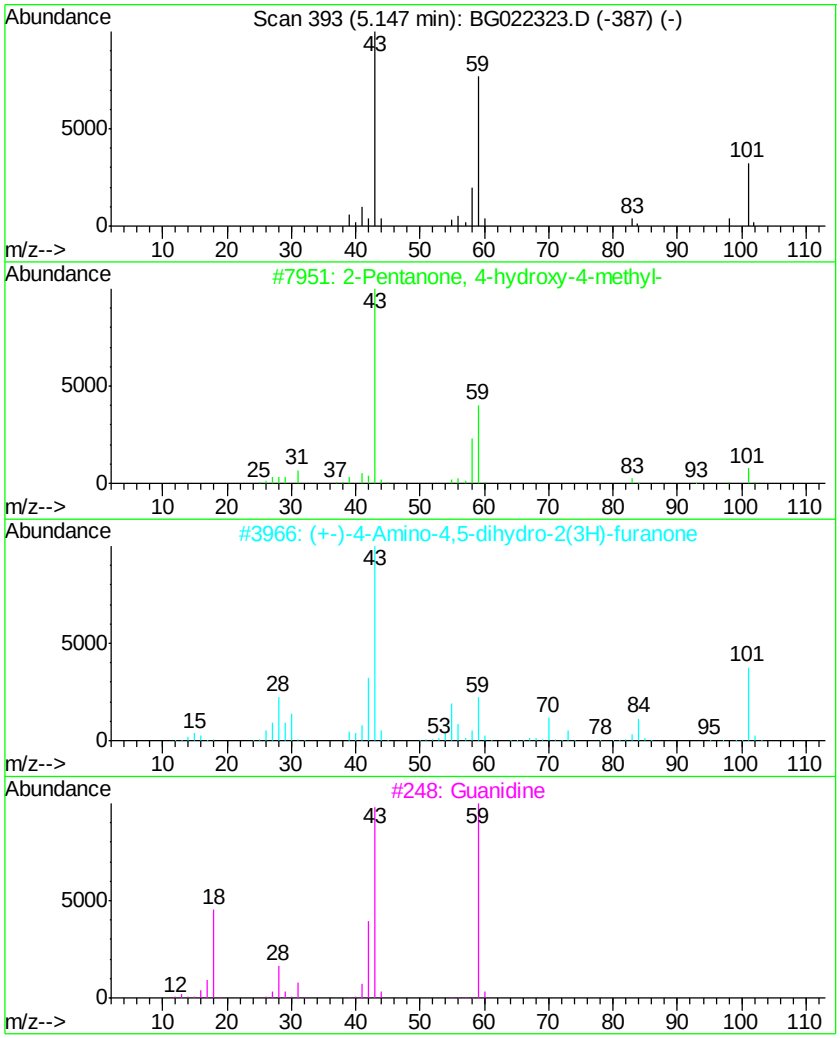
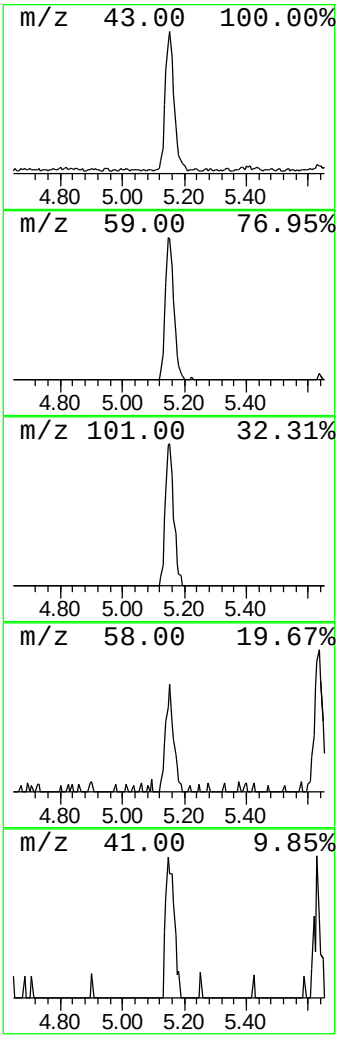
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	5.31 ng	55088	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	43
3	Guanidine	59	CH5N3	000113-00-8	32
4	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
Data File : BG022323.D
Acq On : 13 Jun 2016 13:39
Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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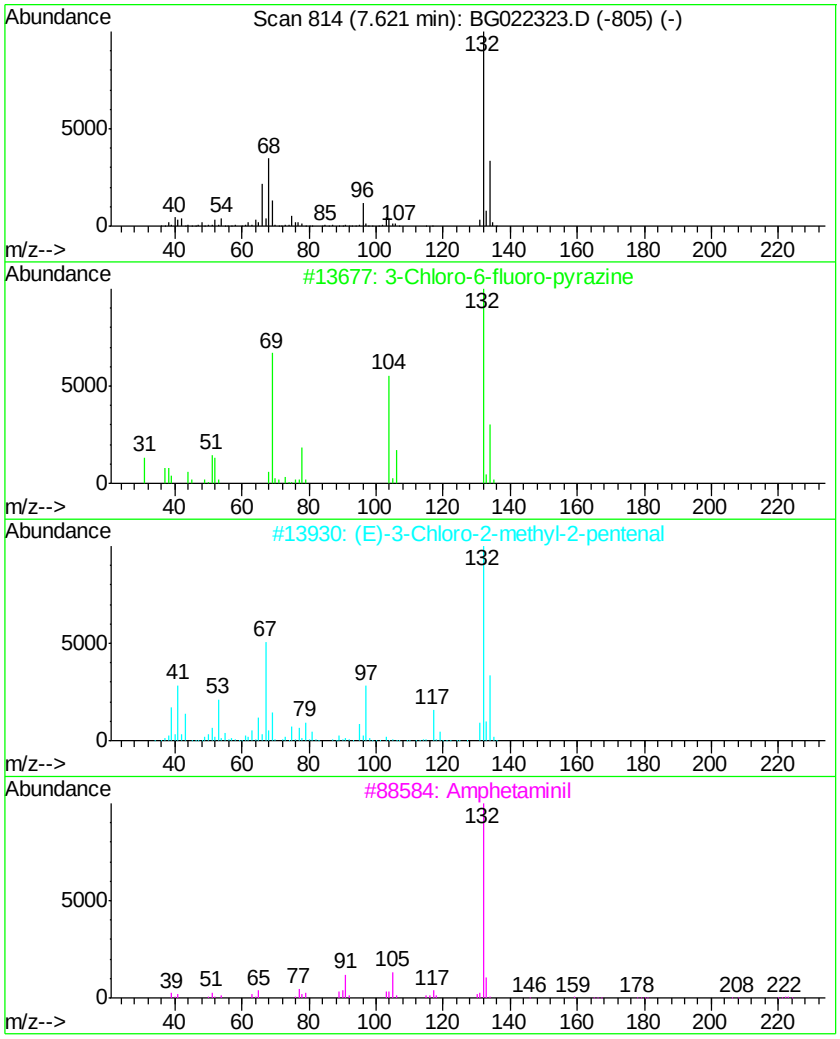
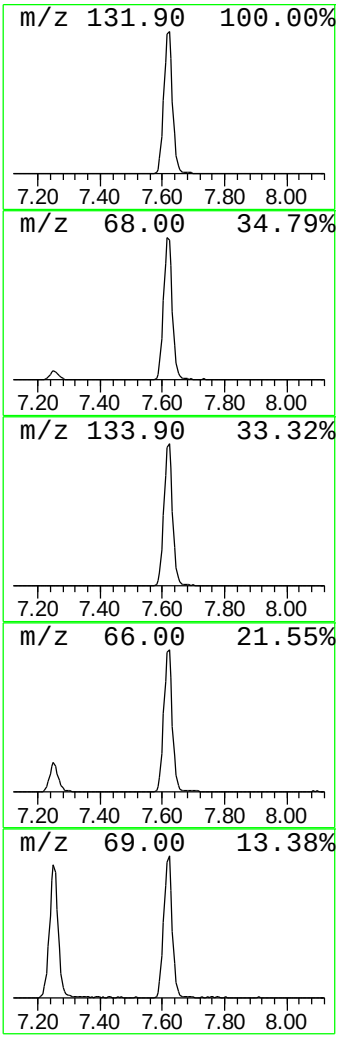
Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	123.99 ng	1286270	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061316\
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Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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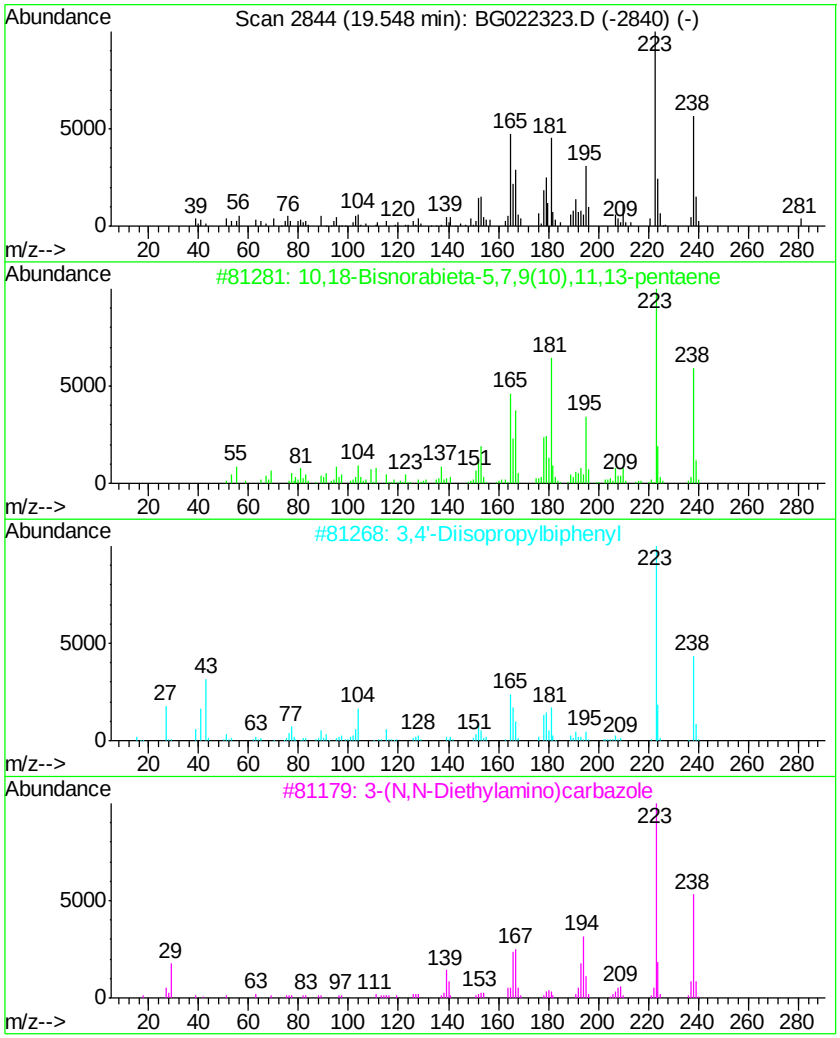
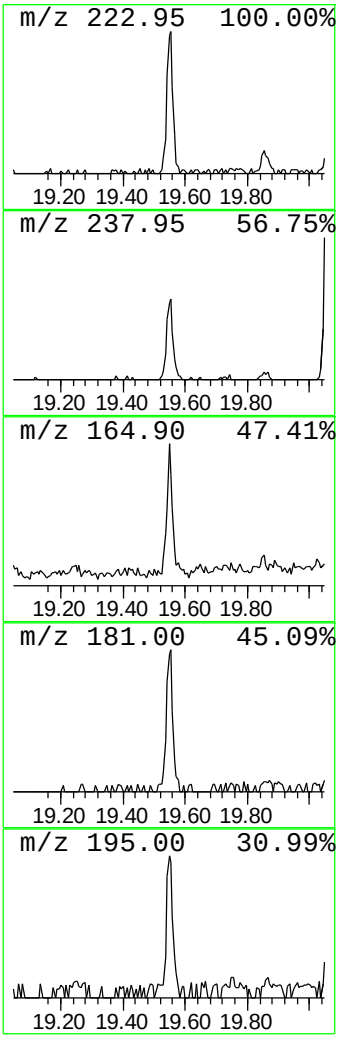
****

Peak Number 5 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	3.26 ng	82613	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	64
3	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	49
4	2-Amino-5-isopropyl-3,8-dimethyl...	238	C16H18N2	093018-84-9	46
5	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	38





Library Search Compound Report

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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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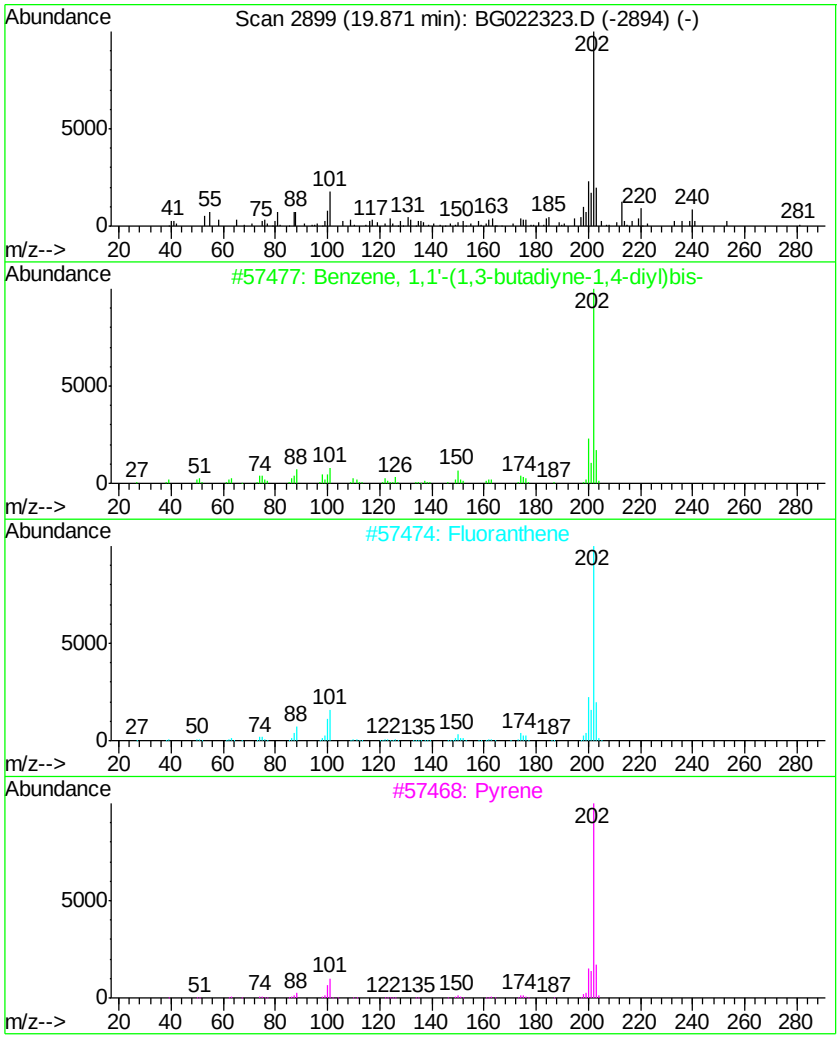
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

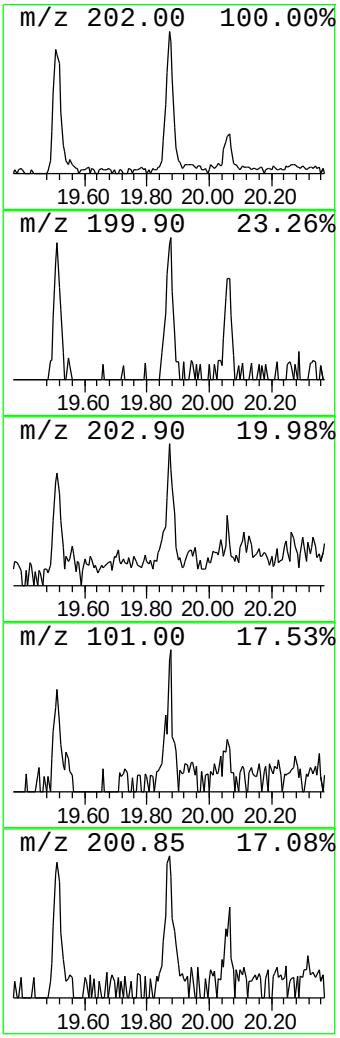
****

Peak Number 6 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	2.09 ng	47985	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
2	Fluoranthene	202	C16H10	000206-44-0	62
3	Pyrene	202	C16H10	000129-00-0	53
4	Pyrimidine, 4-methoxy-6-(2-hydro...	202	C11H10N2O2	097630-79-0	43
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	42





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Operator : UM/SJ
Sample : H3448-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

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BNA_G
ClientSampleId :
2-VE-PILE-WALL(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
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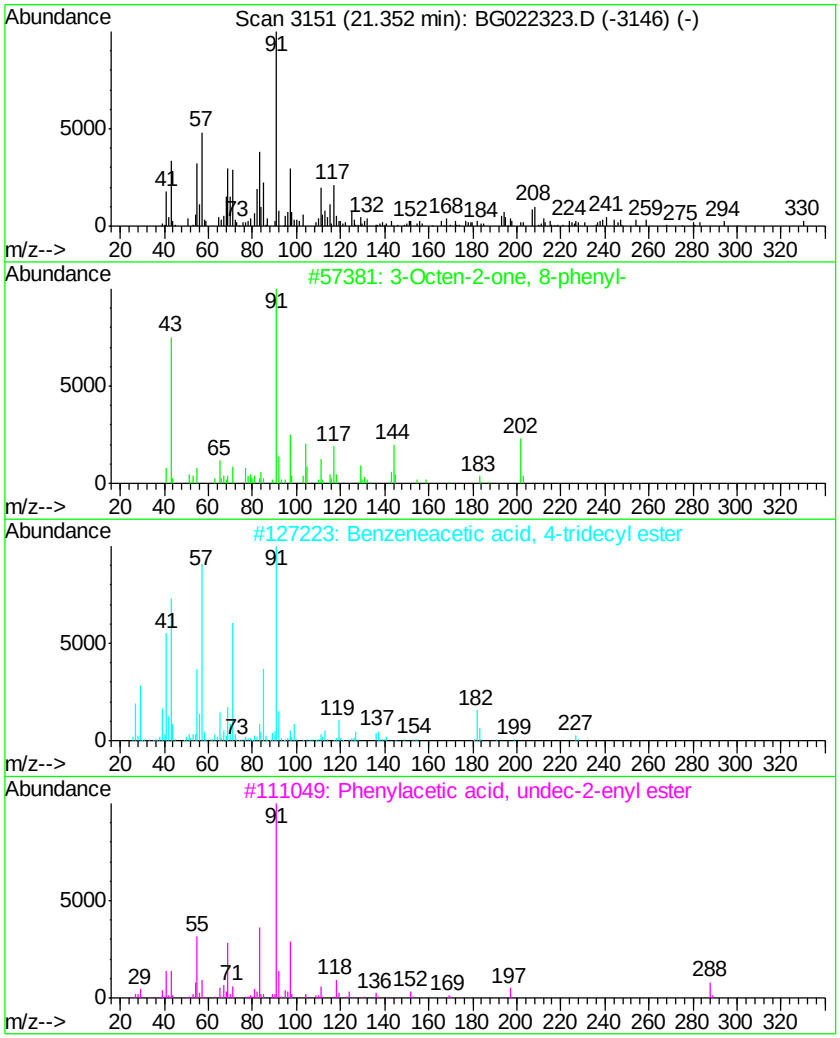
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

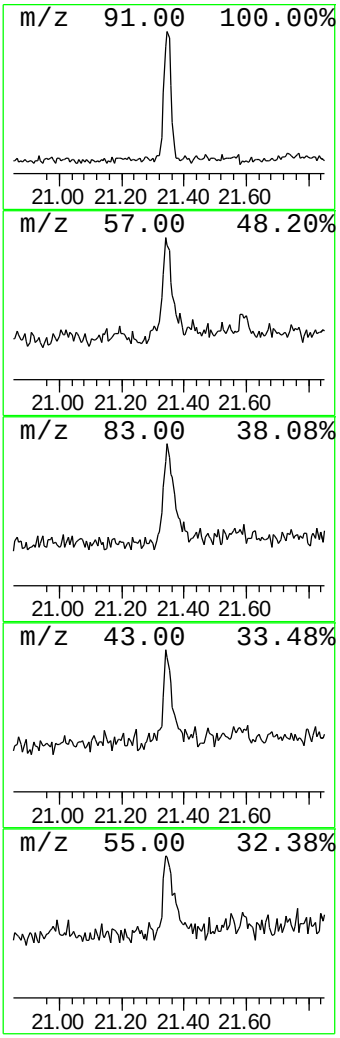
****

Peak Number 7 unknown21.35 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.35	5.22 ng	119650	Chrysene-d12	21.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octen-2-one, 8-phenyl-	202	C14H18O	033046-68-3	27
2	Benzeneacetic acid, 4-tridecyl e...	318	C21H34O2	1000282-02-3	14
3	Phenylacetic acid, undec-2-enyl ...	288	C19H28O2	1000292-53-7	12
4	Cyclopentanol, 2-(aminomethyl)-,...	115	C6H13NO	040482-02-8	12
5	Benzeneacetic acid, 3-tridecyl e...	318	C21H34O2	1000282-02-2	10





Tentatively Identified Compound (LSC) summary

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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...	2.93	209.5	ng	2172990	1	8.09	207487	20.0
2-Pentanone, 4-hy...	5.15	5.3	ng	55088	1	8.09	207487	20.0
unknown7.62	7.62	124.0	ng	1286270	1	8.09	207487	20.0
10,18-Bisnorabiet...	19.55	3.3	ng	82613	4	17.47	506383	20.0
Benzene, 1,1'-(1,...	19.87	2.1	ng	47985	5	21.73	458621	20.0
unknown21.35	21.35	5.2	ng	119650	5	21.73	458621	20.0