LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021103.D
Acq On : 27 Feb 2016 7:17
Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

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-BG022616.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	3.093	37	43	52	rBV	112456	165753	22.07%	4.935%
2	3.234	61	67	76	rBV2	6382	13341	1.78%	0.397%
3	5.261	406	412	421	rBB	30583	44390	5.91%	1.322%
4	5.725	484	491	498	rBB	137359	219871	29.27%	6.546%
5	7.311	754	761	769	rBB	145922	245455	32.68%	7.308%
6	7.699	820	827	834	rBB	144882	241332	32.13%	7.185%
7	8.169	901	907	913	rBB2	20586	32983	4.39%	0.982%
8	8.492	955	962	969	rBB	104180	173195	23.06%	5.156%
9	9.333	1098	1105	1112	rBB	87740	154498	20.57%	4.600%
10	10.978	1379	1385	1392	rBB	28258	48735	6.49%	1.451%
11	13.404	1791	1798	1805	rBB	250311	365128	48.61%	10.871%
12	14.221	1931	1937	1942	rBB	25781	34596	4.61%	1.030%
13	14.773	2026	2031	2037	rBB3	46713	71121	9.47%	2.117%
14	15.602	2168	2172	2176	rBB	6413	7517	1.00%	0.224%
15	16.254	2276	2283	2289	rBB2	224990	319041	42.47%	9.499%
16	16.460	2313	2318	2330	rBB3	6080	10384	1.38%	0.309%
17	17.511	2490	2497	2503	rBV2	66548	96836	12.89%	2.883%
18	18.381	2640	2645	2651	rBV	16228	19849	2.64%	0.591%
19	20.102	2932	2938	2943	rBV	593197	751138	100.00%	22.363%
20	21.401	3155	3159	3168	rBV	63432	81765	10.89%	2.434%
21	21.771	3216	3222	3231	rVB	80052	132790	17.68%	3.953%
22	25.055	3771	3781	3793	rBV2	42019	118922	15.83%	3.541%
23	26.377	4000	4006	4007	rBV4	6796	10213	1.36%	0.304%

Sum of corrected areas: 3358853

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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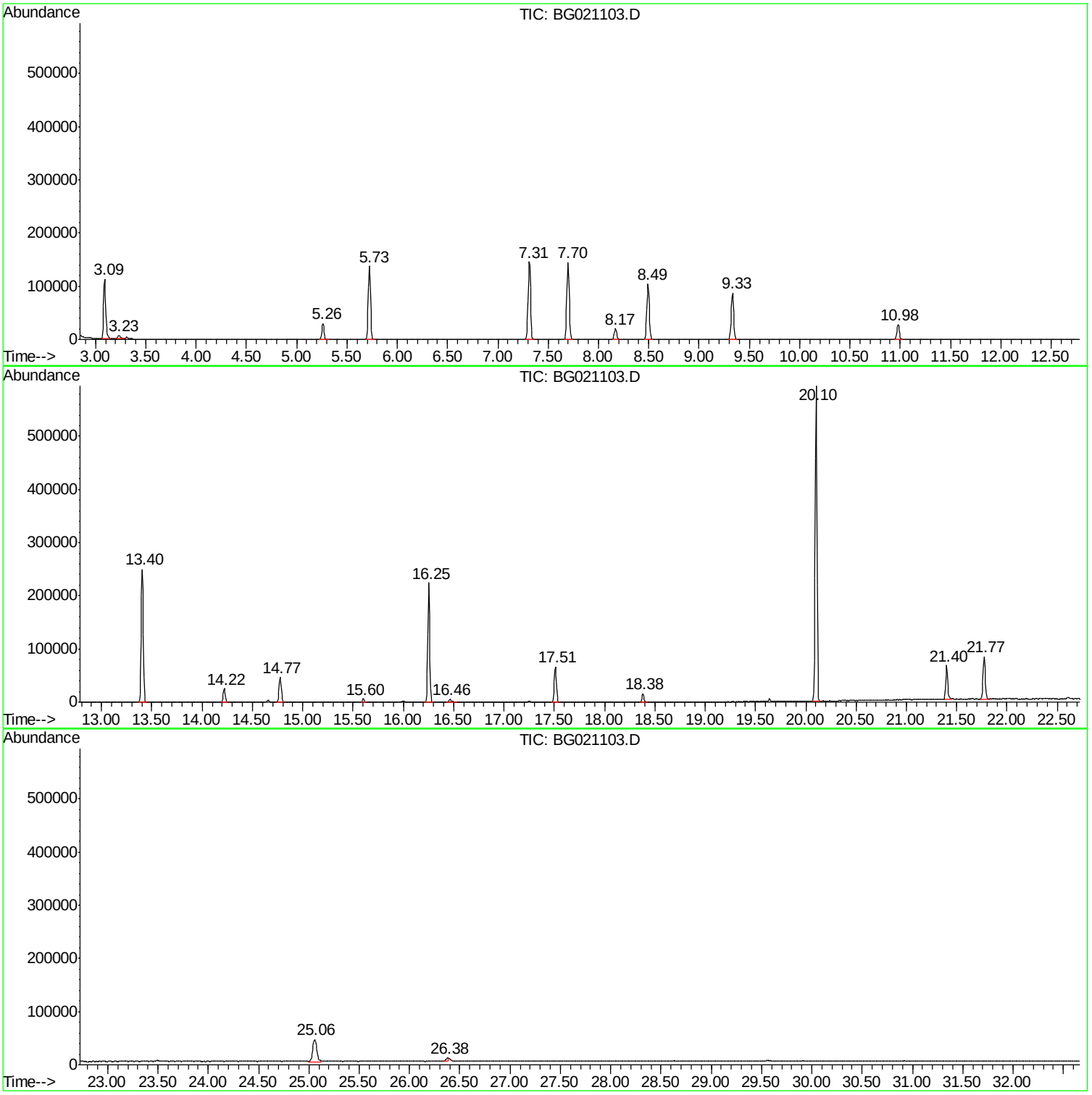
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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\BG022716\
Data File : BG021103.D
Acq On : 27 Feb 2016 7:17
Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

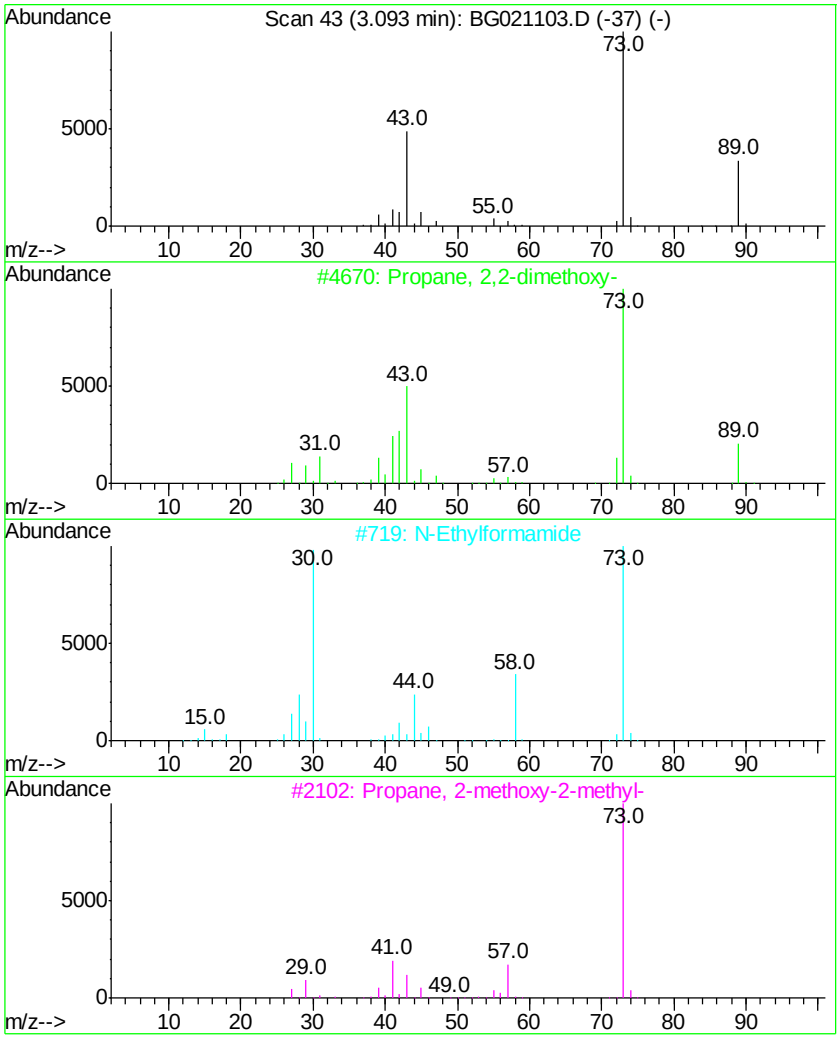
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

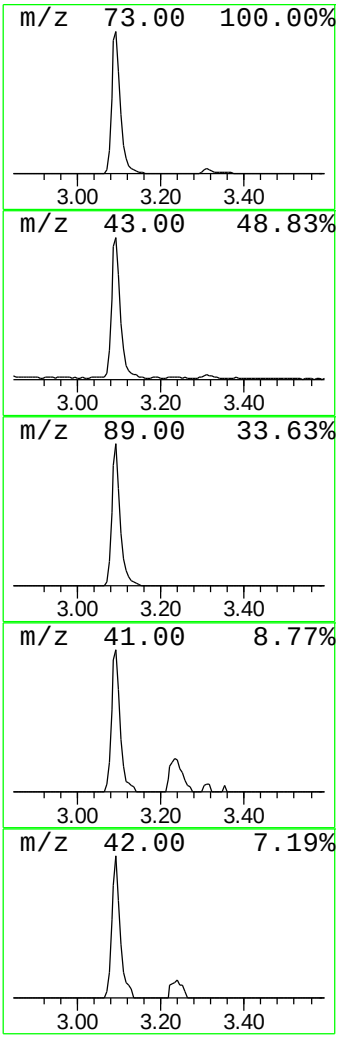
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	100.51 ng	165753	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
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Acq On : 27 Feb 2016 7:17
Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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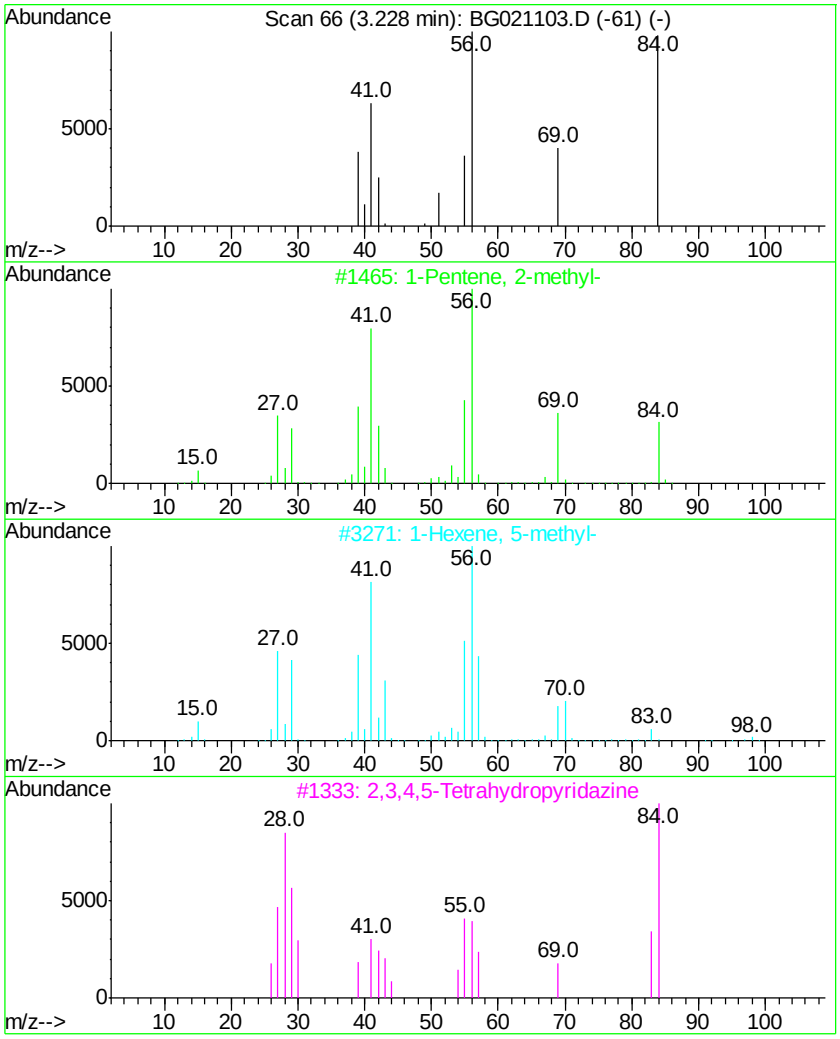
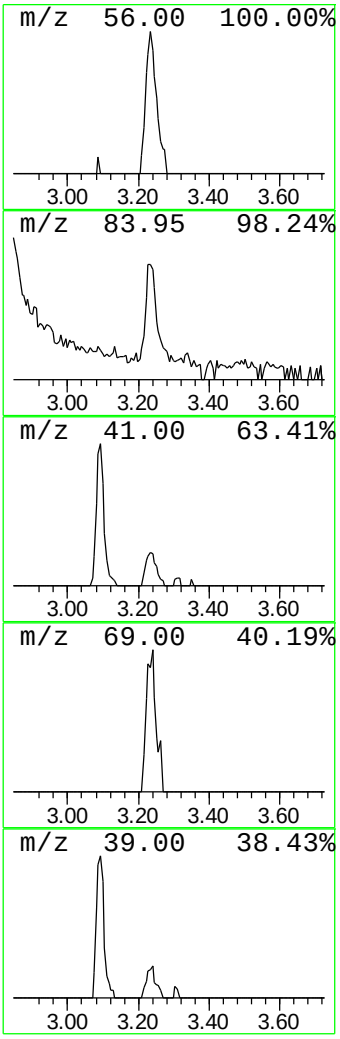
Peak Number 2 unknown3.23 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.23	8.09 ng	13341	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	40
2	1-Hexene, 5-methyl-	98	C7H14	003524-73-0	25
3	2,3,4,5-Tetrahydropyridazine	84	C4H8N2	000694-06-4	9
4	2-Pentene, 2-methyl-	84	C6H12	000625-27-4	9
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021103.D
Acq On : 27 Feb 2016 7:17
Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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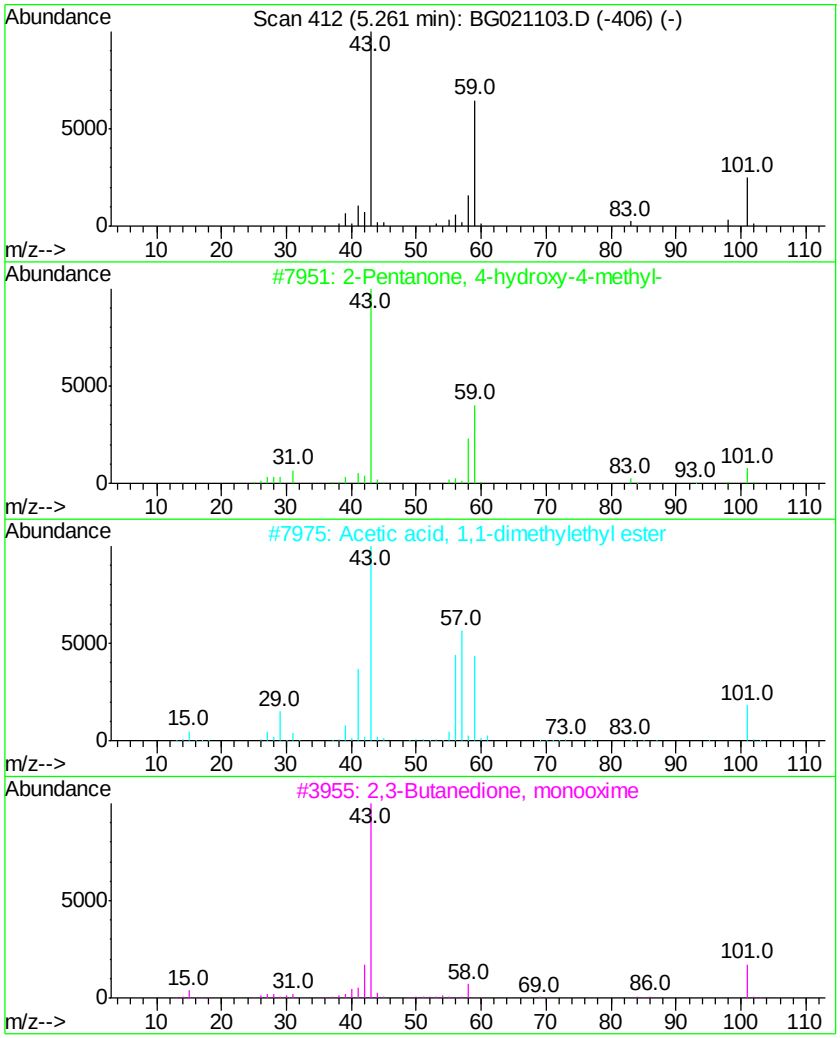
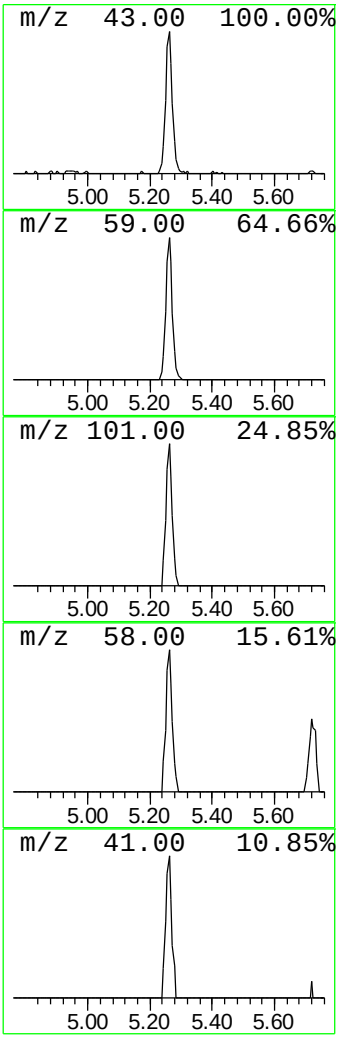
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	26.92 ng	44390	1,4-Dichlorobenzene-d4	8.17

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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
4	Acetone	58	C3H6O	000067-64-1	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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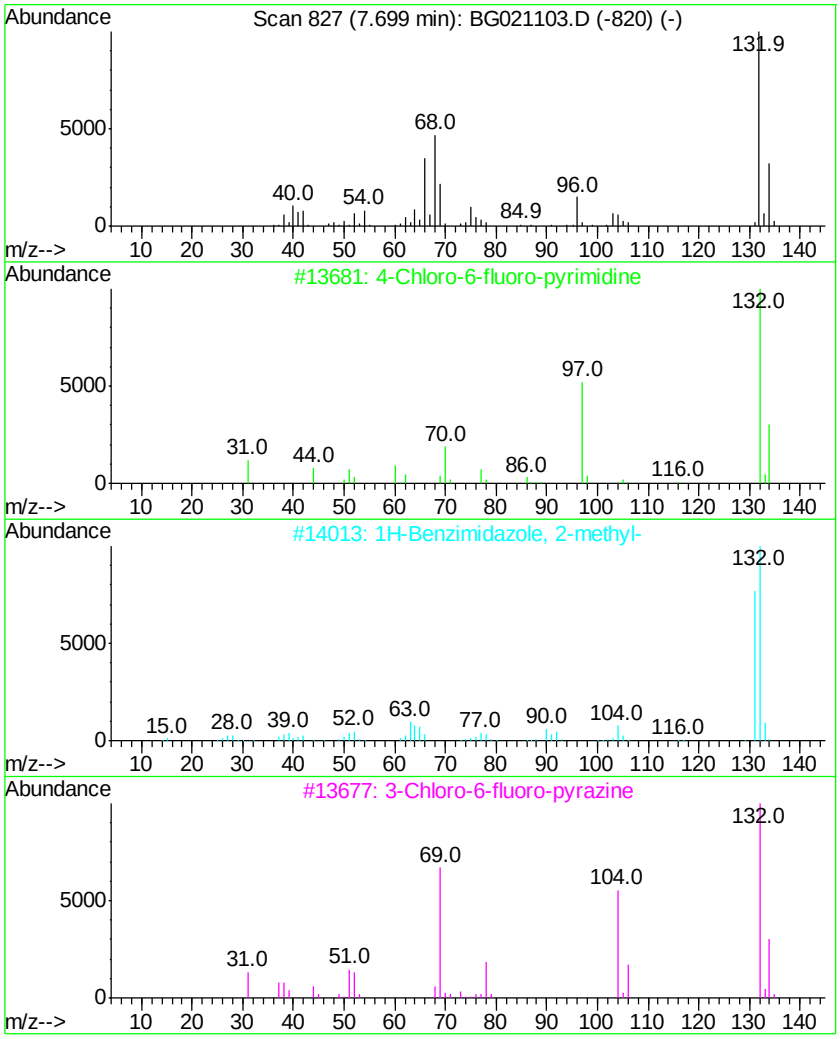
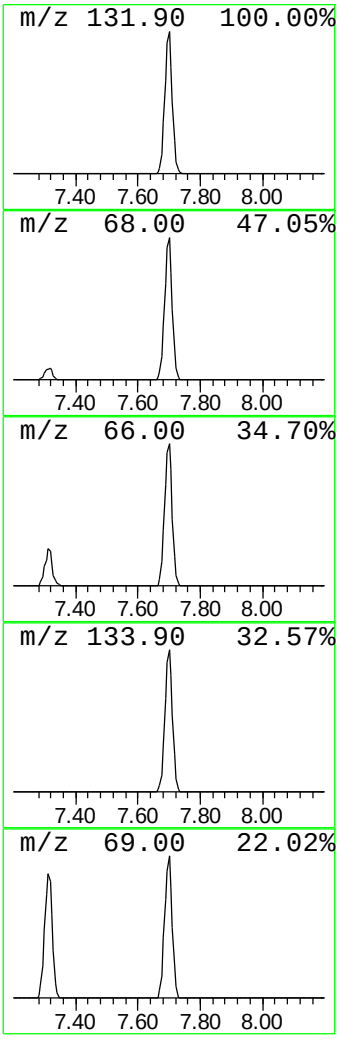
Peak Number 4 unknown7.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.70	146.34 ng	241332	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Data File : BG021103.D
Acq On : 27 Feb 2016 7:17
Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

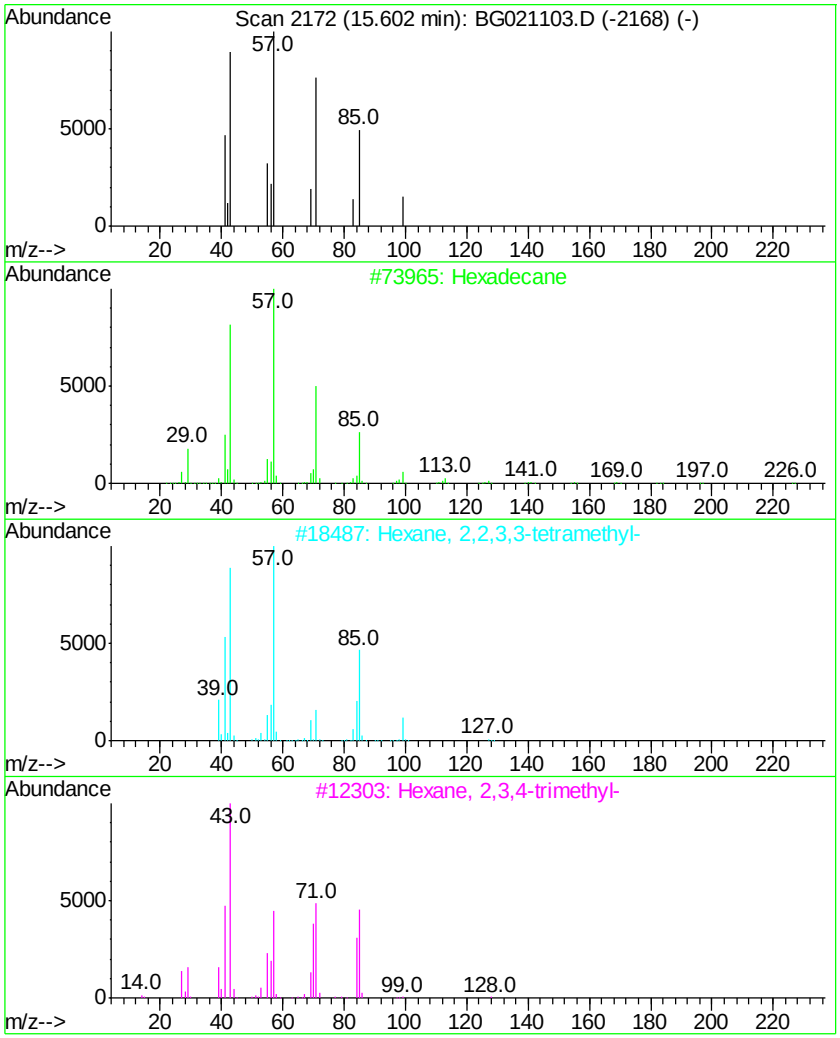
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

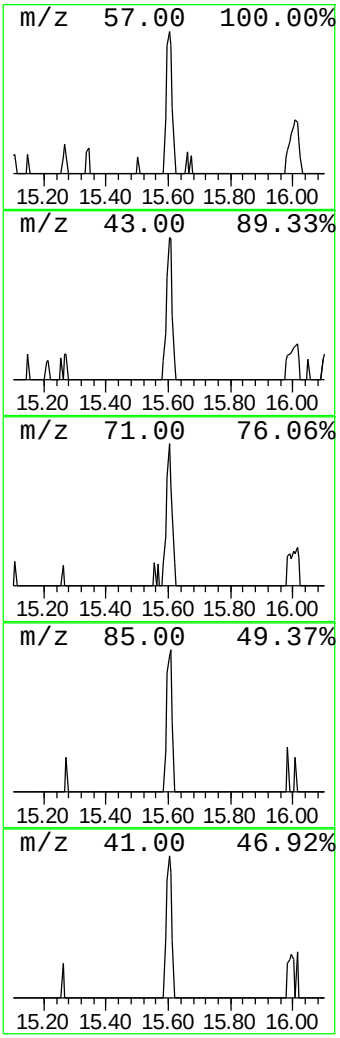
****

Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.11 ng	7517	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	72
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	47
3	Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	42
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	38
5	Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	38





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Operator : UM/SJ
Sample : H1558-11
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

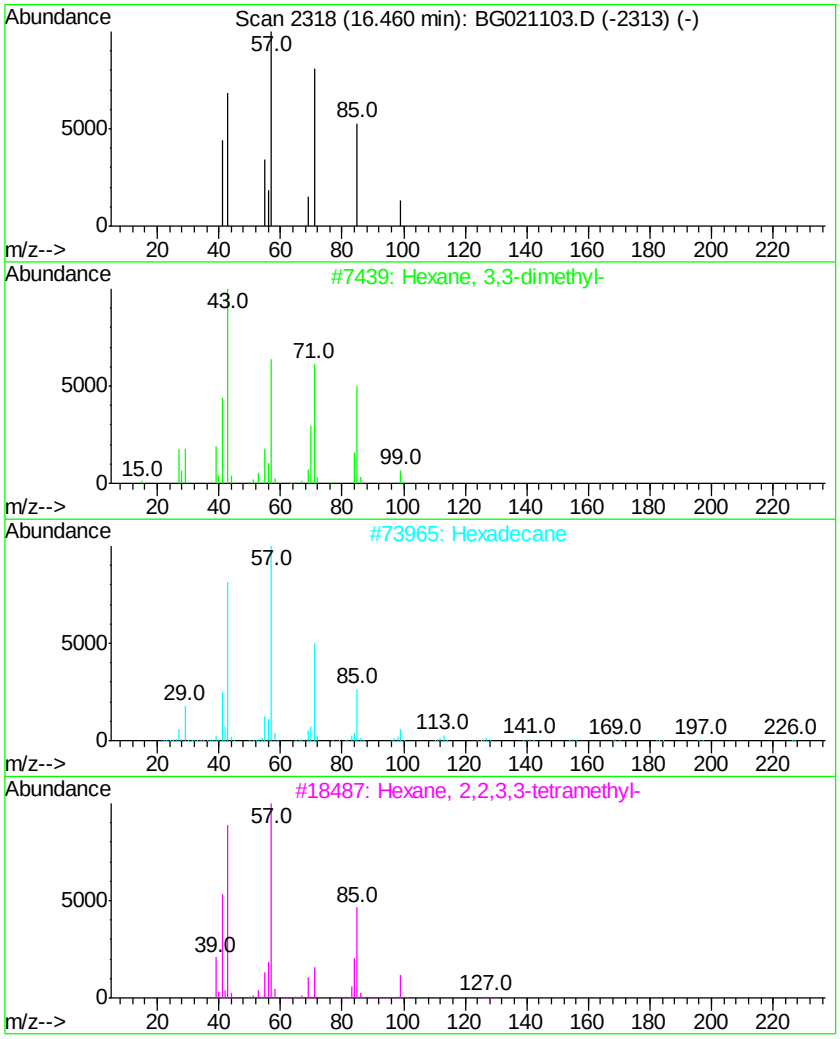
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

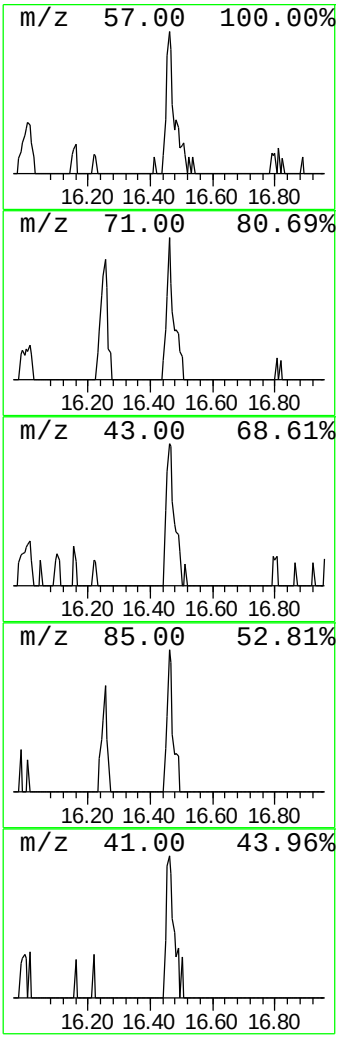
****

Peak Number 7 Hexane, 3,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	2.14 ng	10384	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	74
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	37
4	Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	12
5	Decane, 2,2,7-trimethyl-	184	C13H28	062237-99-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : S-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022616.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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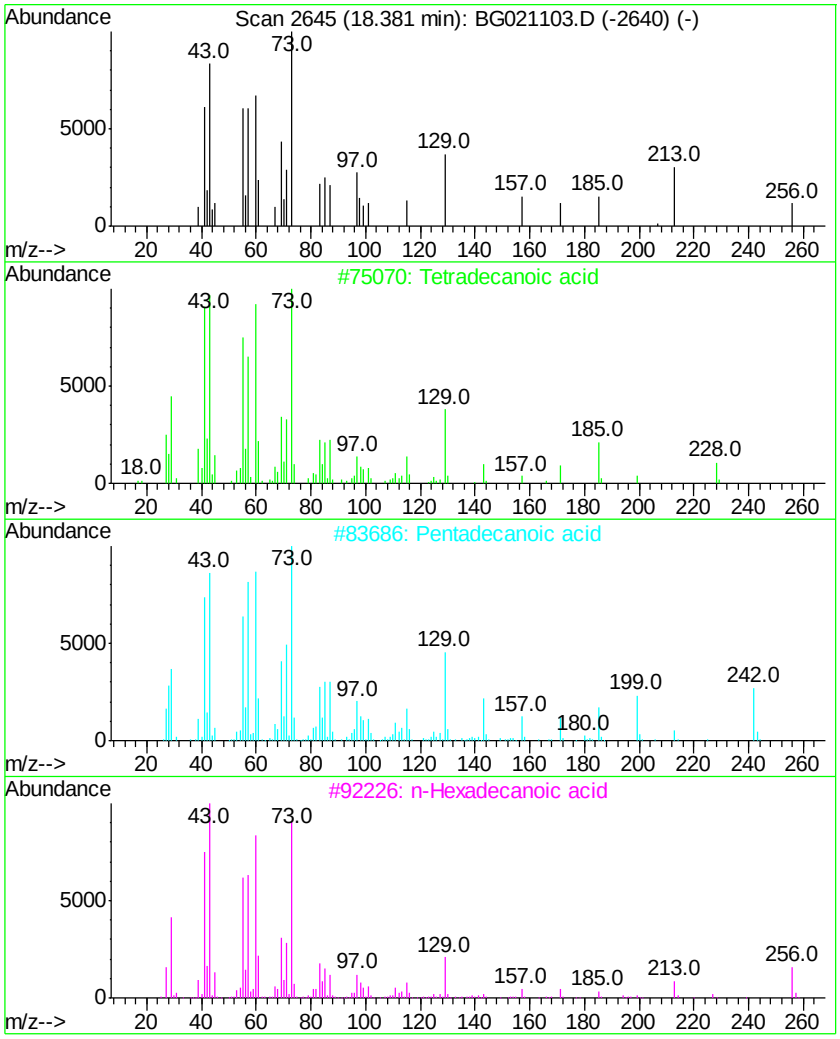
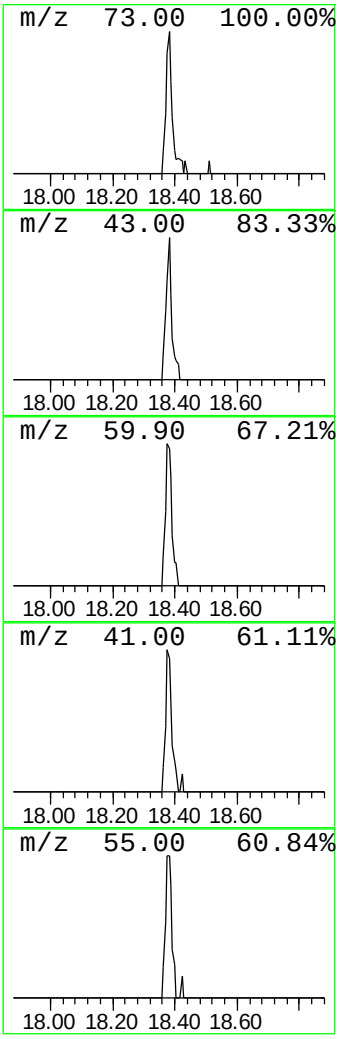
Peak Number 8 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	4.10 ng	19849	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Tridecanoic acid	214	C13H26O2	000638-53-9	45





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Misc :
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Instrument : BNA_G
ClientSampleId : S-13

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

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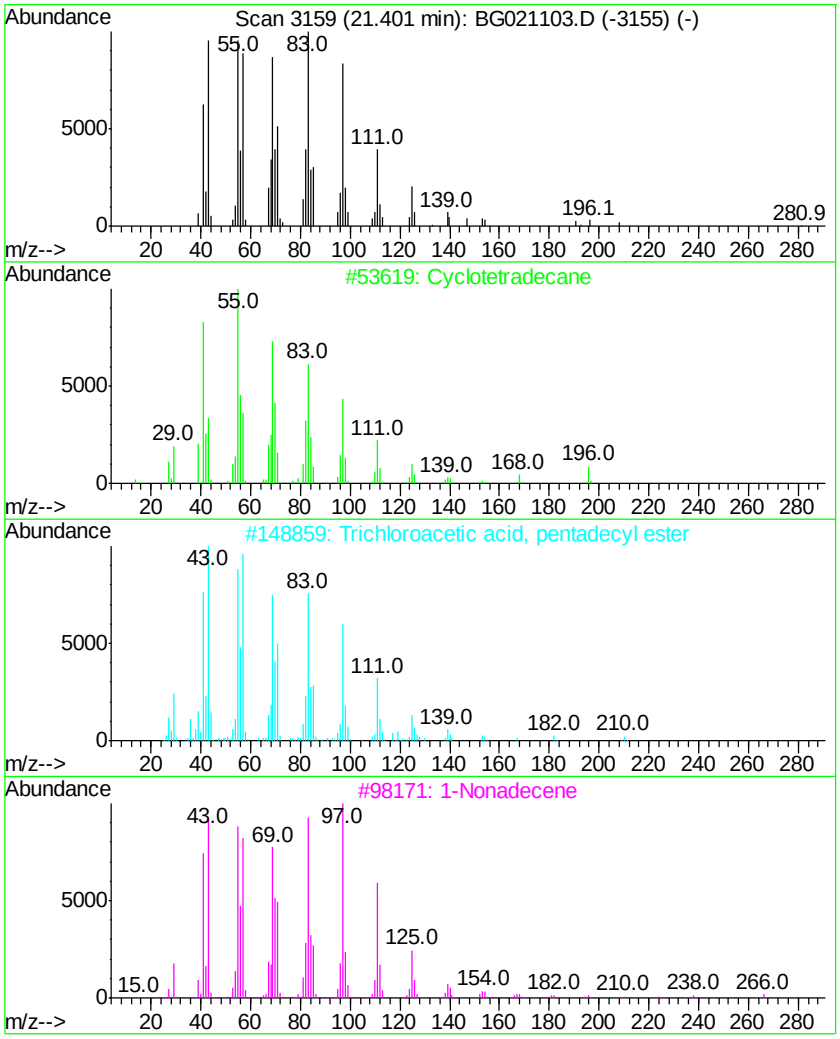
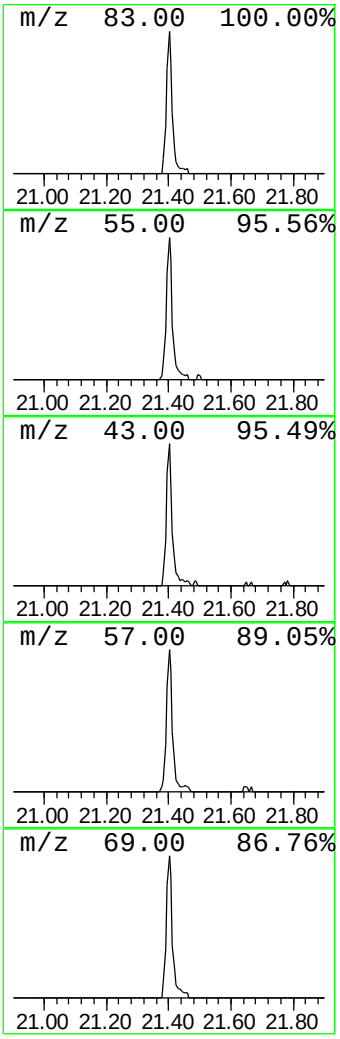
Peak Number 9 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	12.31 ng	81765	Chrysene-d12	21.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	97
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
3	1-Nonadecene	266	C19H38	018435-45-5	87
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
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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...	3.09	100.5	ng	165753	1	8.17	32983	20.0
unknown3.23	3.23	8.1	ng	13341	1	8.17	32983	20.0
2-Pentanone, 4-hy...	5.26	26.9	ng	44390	1	8.17	32983	20.0
unknown7.70	7.70	146.3	ng	241332	1	8.17	32983	20.0
Hexadecane	15.60	2.1	ng	7517	3	14.77	71121	20.0
Hexane, 3,3-dimet...	16.46	2.1	ng	10384	4	17.51	96836	20.0
Tetradecanoic acid	18.38	4.1	ng	19849	4	17.51	96836	20.0
Cyclotetradecane	21.40	12.3	ng	81765	5	21.78	132790	20.0