LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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	3.088	36	42	61	rVV	1186718	1711353	100.00%	28.273%
2	3.234	61	67	75	rVB3	12473	25505	1.49%	0.421%
3	5.256	405	411	419	rVB	45089	65457	3.82%	1.081%
4	5.720	482	490	499	rBB	190518	298346	17.43%	4.929%
5	7.312	752	761	770	rBB	204982	347834	20.33%	5.747%
6	7.694	819	826	834	rBB	193537	329522	19.26%	5.444%
7	8.164	900	906	912	rVB	32847	51596	3.01%	0.852%
8	8.487	954	961	968	rBB	130099	224947	13.14%	3.716%
9	9.327	1096	1104	1113	rBB	126439	220318	12.87%	3.640%
10	10.972	1377	1384	1392	rBB2	46856	81946	4.79%	1.354%
11	13.399	1790	1797	1805	rVB	311119	470248	27.48%	7.769%
12	14.216	1930	1936	1942	rBB	49342	66800	3.90%	1.104%
13	14.768	2024	2030	2038	rVB2	72124	116886	6.83%	1.931%
14	16.249	2271	2282	2290	rBV	284203	412781	24.12%	6.819%
15	16.454	2312	2317	2326	rBV	15021	25917	1.51%	0.428%
16	17.506	2490	2496	2500	rBV2	102088	155175	9.07%	2.564%
17	17.547	2500	2503	2508	rVB	21990	28347	1.66%	0.468%
18	19.539	2837	2842	2848	rVB	48586	64748	3.78%	1.070%
19	19.897	2900	2903	2909	rVB	38331	53244	3.11%	0.880%
20	20.097	2931	2937	2942	rBV	632671	801532	46.84%	13.242%
21	20.767	3046	3051	3056	rBV4	8632	17414	1.02%	0.288%
22	21.390	3152	3157	3162	rBV2	31962	48094	2.81%	0.795%
23	21.766	3212	3221	3226	rBV	113879	203369	11.88%	3.360%
24	21.813	3226	3229	3236	rVB2	11961	19597	1.15%	0.324%
25	23.998	3595	3601	3609	rBV3	10399	31074	1.82%	0.513%
26	24.733	3720	3726	3735	rVB3	7595	18903	1.10%	0.312%
27	25.044	3767	3779	3789	rBV2	58494	162000	9.47%	2.676%

Sum of corrected areas: 6052953

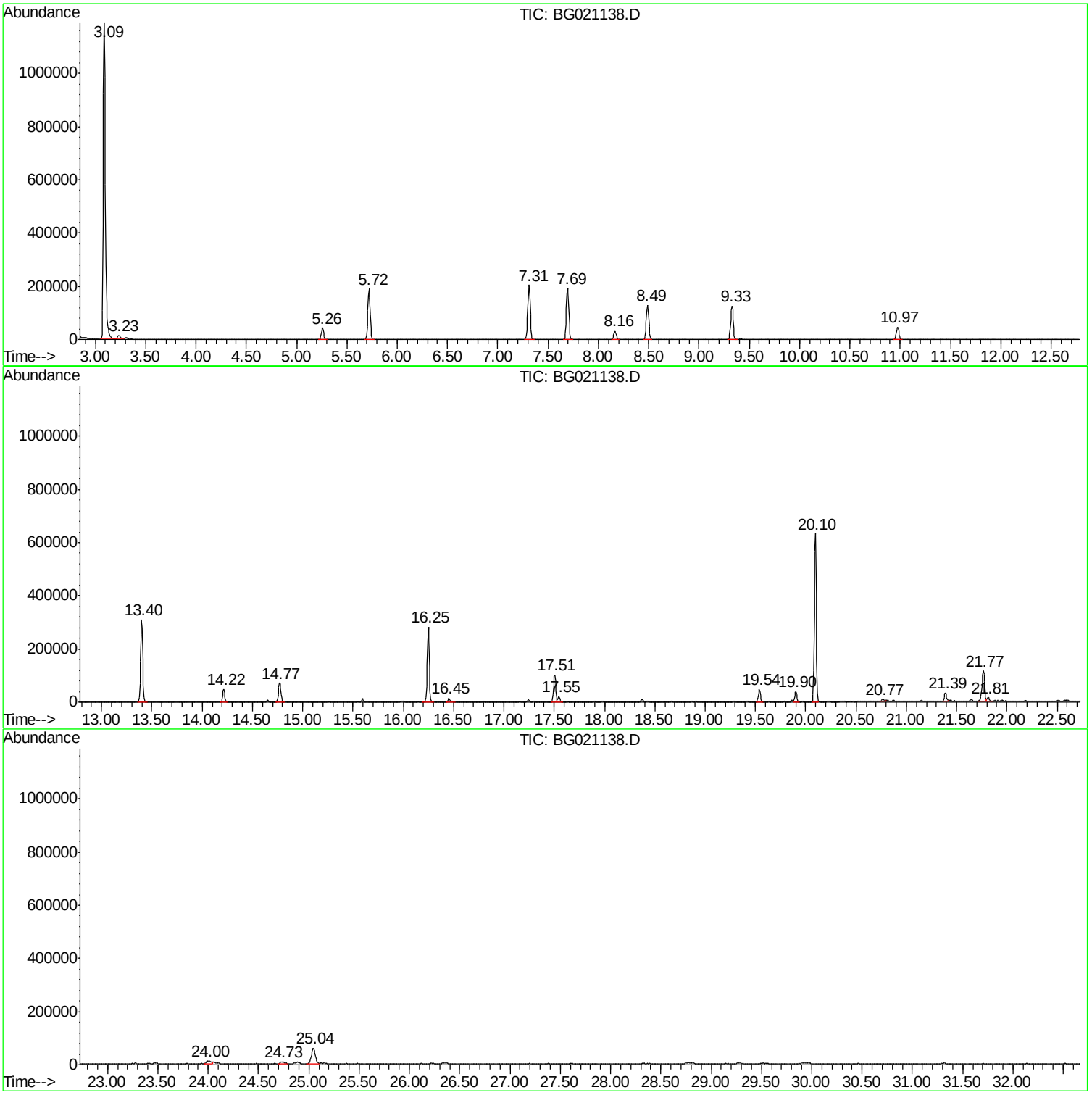
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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 : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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

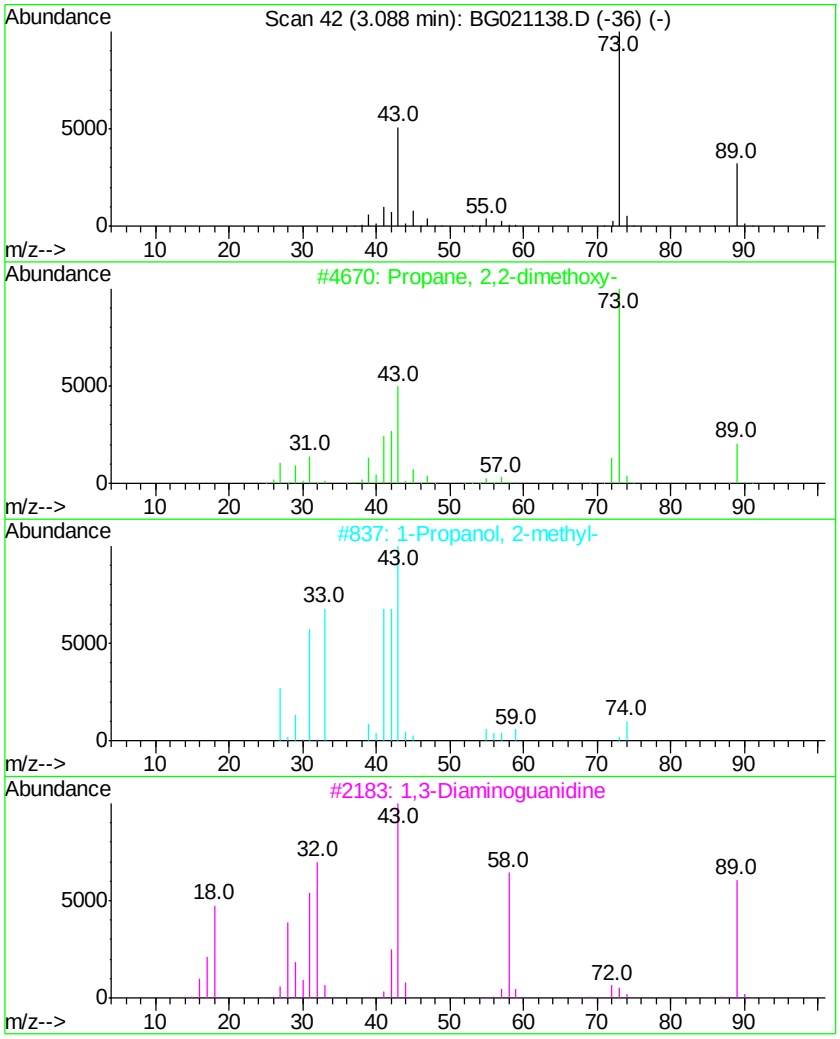
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

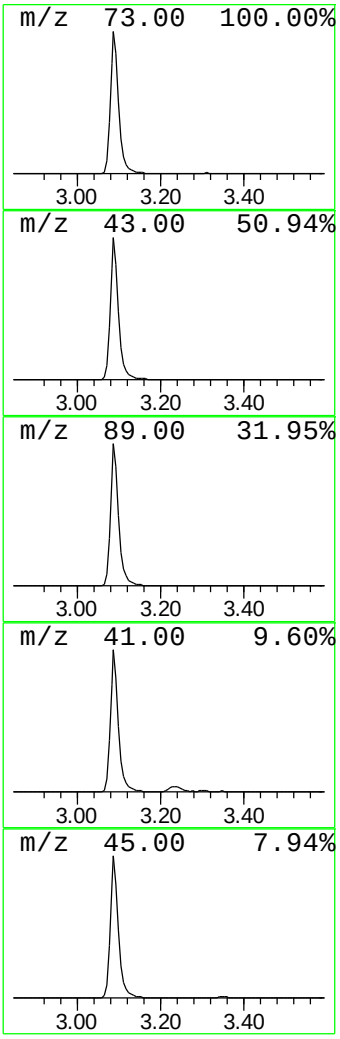
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	663.37 ng	1711350	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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

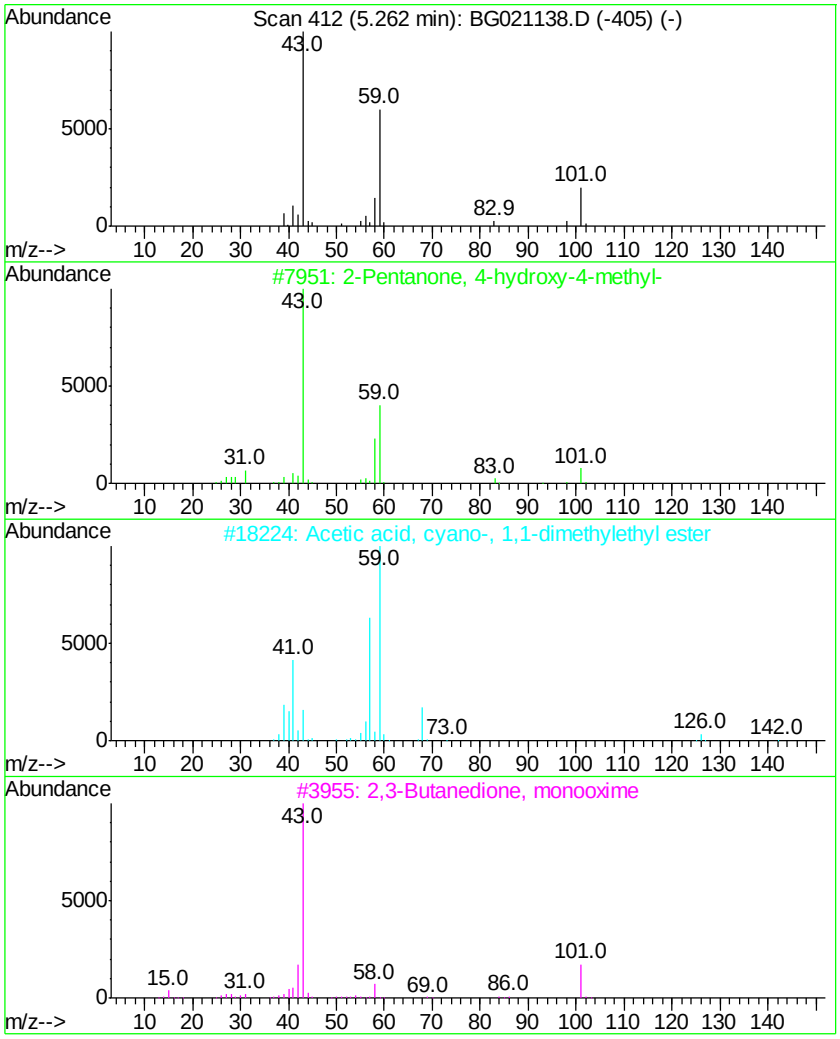
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

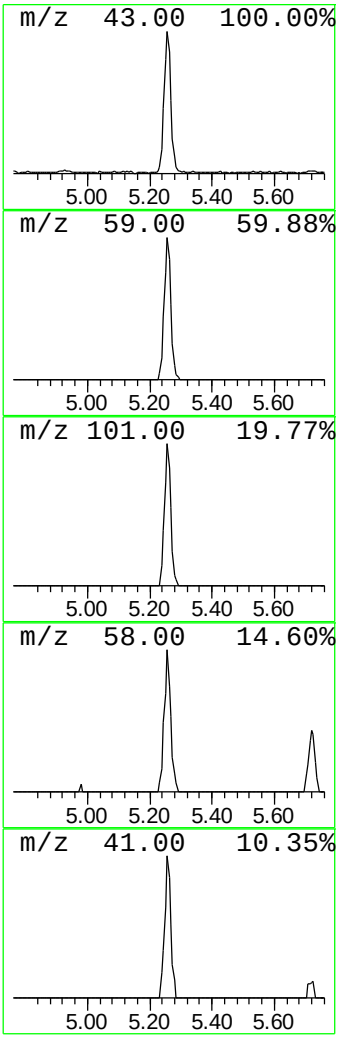
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	25.37 ng	65457	1,4-Dichlorobenzene-d4	8.16

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	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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

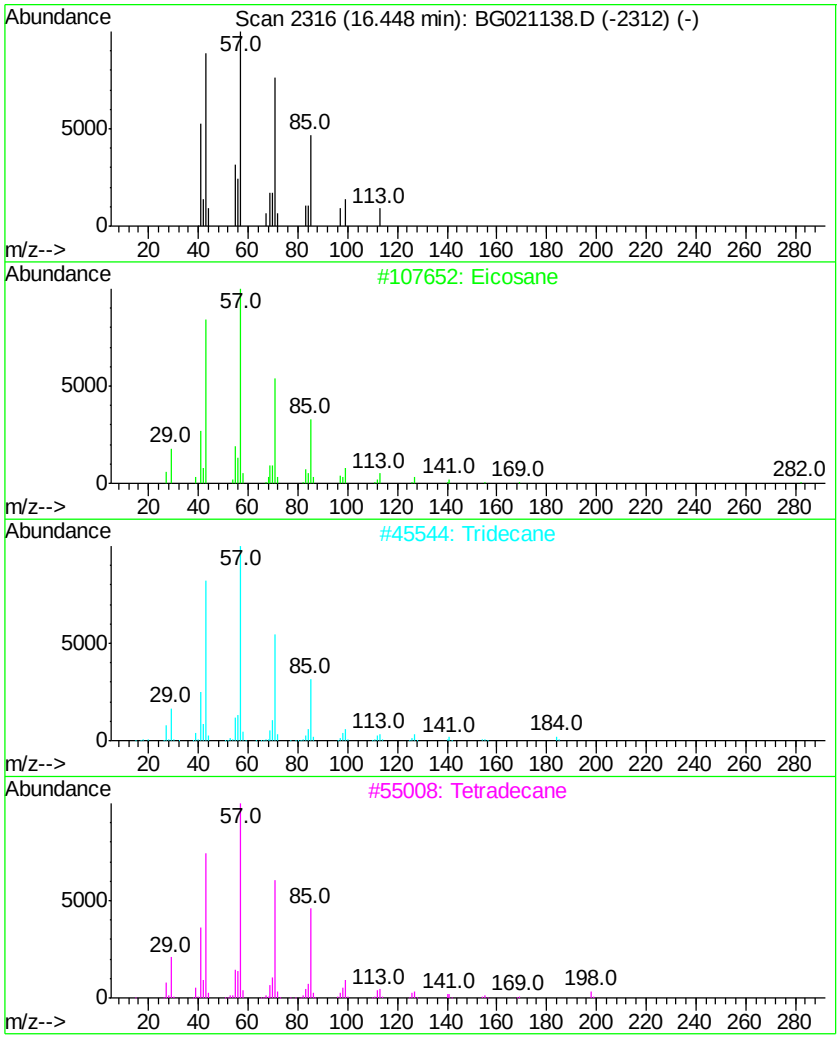
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

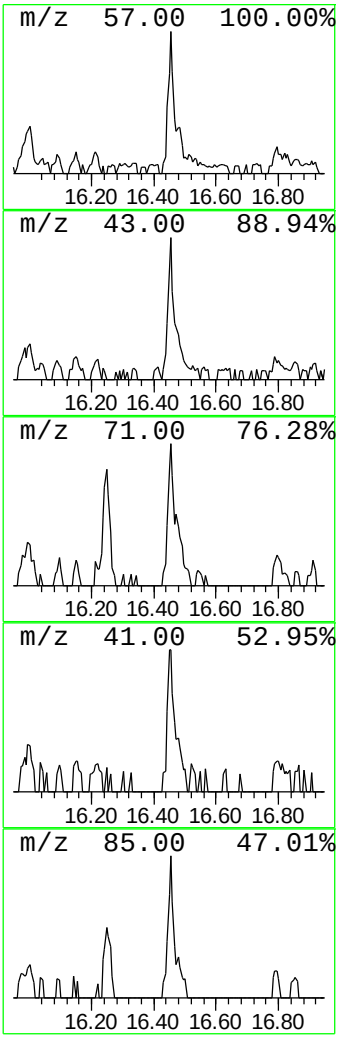
****

Peak Number 6 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	3.34 ng	25917	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Tridecane	184	C13H28	000629-50-5	78
3	Tetradecane	198	C14H30	000629-59-4	78
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane	212	C15H32	000629-62-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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

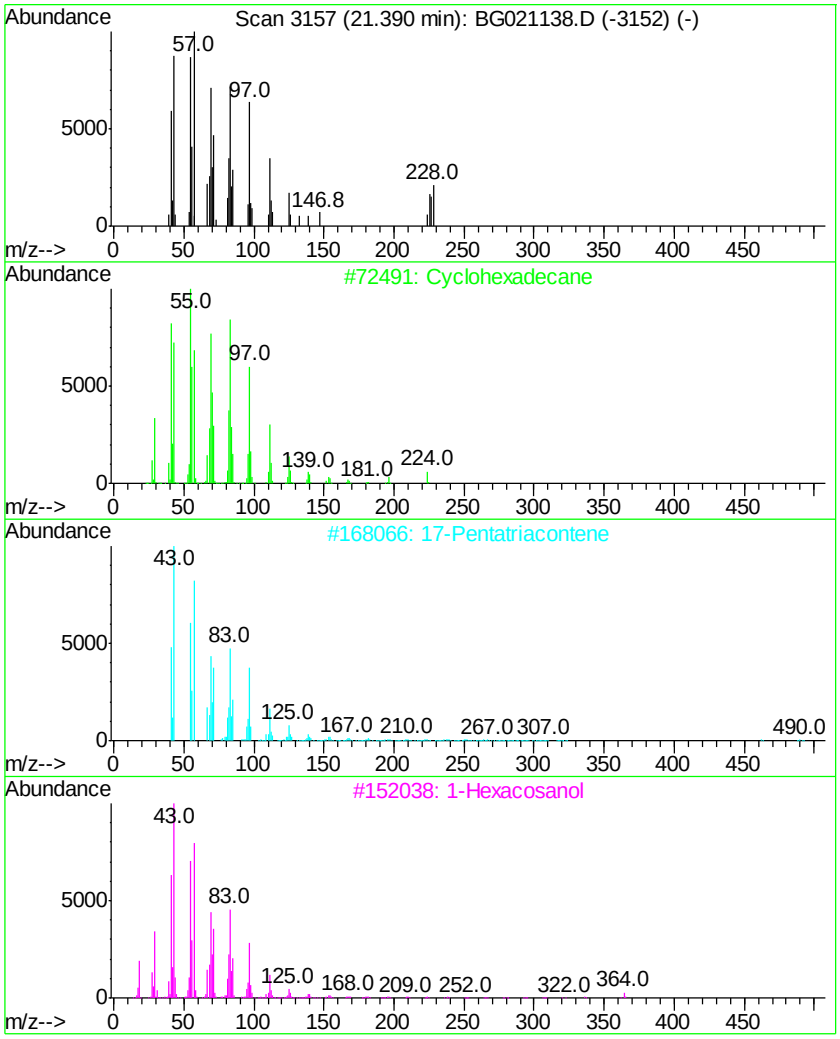
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

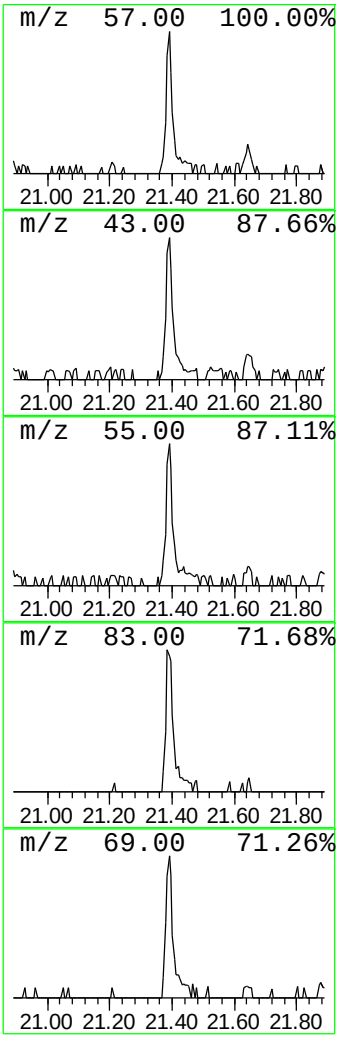
****

Peak Number 7 Cyclohexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.39	4.73 ng	48094	Chrysene-d12	21.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	17-Pentatriacontene	491	C35H70	006971-40-0	83
3	1-Hexacosanol	382	C26H54O	000506-52-5	70
4	1-Tetracosanol	354	C24H50O	000506-51-4	70
5	Z-8-Hexadecene	224	C16H32	1000130-87-5	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022716\
Data File : BG021138.D
Acq On : 28 Feb 2016 6:09
Operator : UM/SJ
Sample : H1526-01
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P-02

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	3.09	663.4	ng	1711350	1	8.16	51596	20.0
2-Pentanone, 4-hy...	5.26	25.4	ng	65457	1	8.16	51596	20.0
Eicosane	16.45	3.3	ng	25917	4	17.51	155175	20.0
Cyclohexadecane	21.39	4.7	ng	48094	5	21.77	203369	20.0