LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

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-BG102516.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	3.134	43	50	66	rBV	4310294	8279220	100.00%	15.692%
2	5.332	418	424	433	rVB	428437	702253	8.48%	1.331%
3	5.802	496	504	514	rBV	1832136	3096148	37.40%	5.868%
4	7.406	770	777	790	rVB	1967056	3625138	43.79%	6.871%
5	7.793	835	843	851	rBV	1874536	3306961	39.94%	6.268%
6	8.269	916	924	936	rVB	443609	811106	9.80%	1.537%
7	8.592	970	979	990	rBV	1291982	2373944	28.67%	4.500%
8	9.444	1115	1124	1134	rVB	1190134	2196383	26.53%	4.163%
9	11.095	1397	1405	1414	rBV	577489	1079324	13.04%	2.046%
10	13.510	1807	1816	1823	rBV	2954970	4715653	56.96%	8.938%
11	14.321	1947	1954	1960	rBV	662302	947102	11.44%	1.795%
12	14.885	2041	2050	2057	rVB	979511	1568258	18.94%	2.972%
13	16.366	2295	2302	2317	rBV	2804831	4307282	52.03%	8.164%
14	16.542	2327	2332	2340	rVB2	68012	113065	1.37%	0.214%
15	17.623	2508	2516	2528	rBV	1250324	2000534	24.16%	3.792%
16	18.469	2654	2660	2665	rBV5	91180	139733	1.69%	0.265%
17	20.202	2949	2955	2964	rBV	5342220	7602801	91.83%	14.410%
18	21.495	3168	3175	3184	rBV2	248191	476306	5.75%	0.903%
19	21.918	3240	3247	3258	rVB	1475900	2624037	31.69%	4.974%
20	23.645	3537	3541	3548	rVB7	46602	113238	1.37%	0.215%
21	25.349	3818	3831	3841	rBV2	887945	2680785	32.38%	5.081%

Sum of corrected areas: 52759271

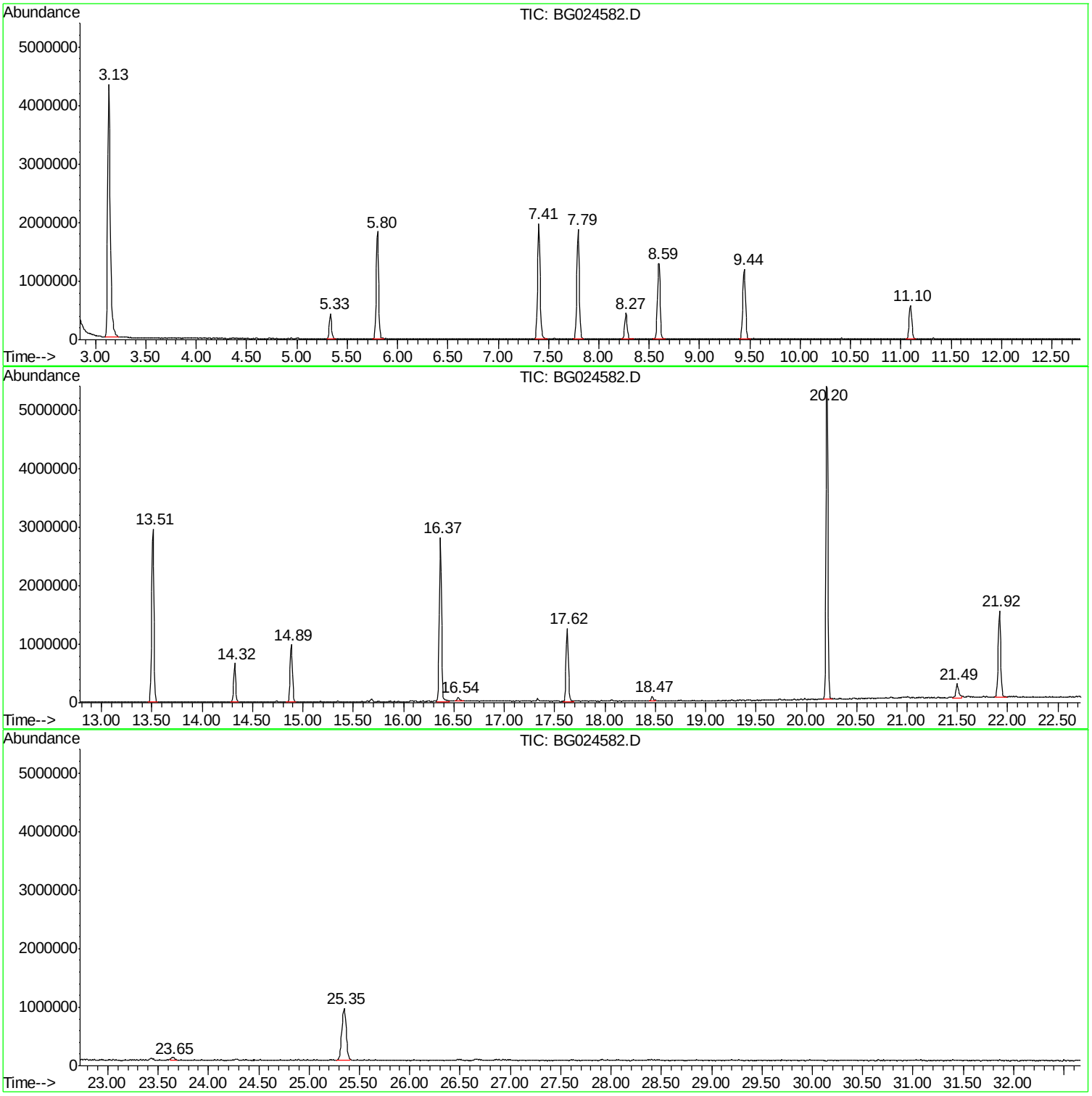
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

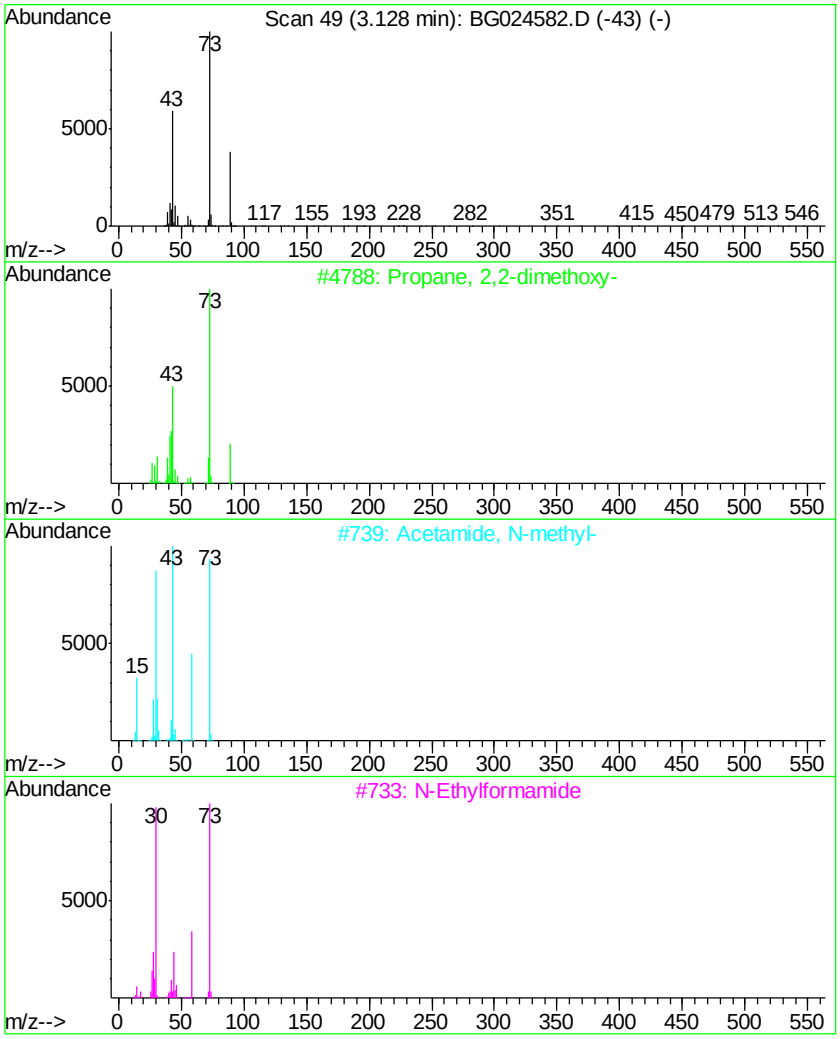
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

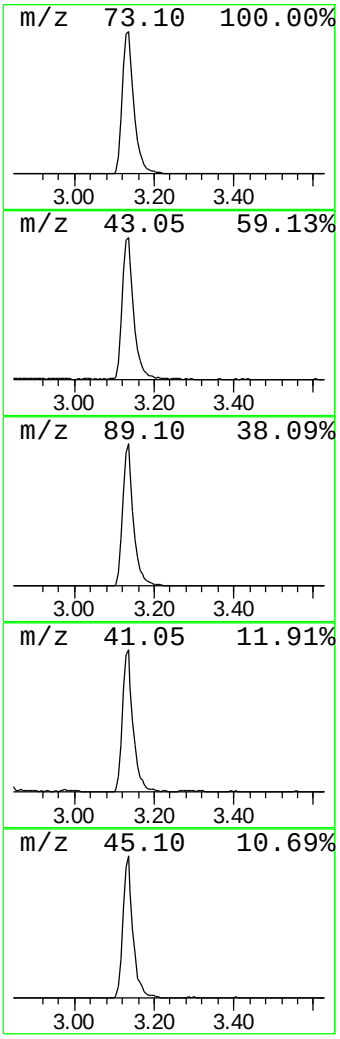
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.13	204.15 ng	8279220	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	50
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	1-Hepten-4-ol	114	C7H14O	003521-91-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

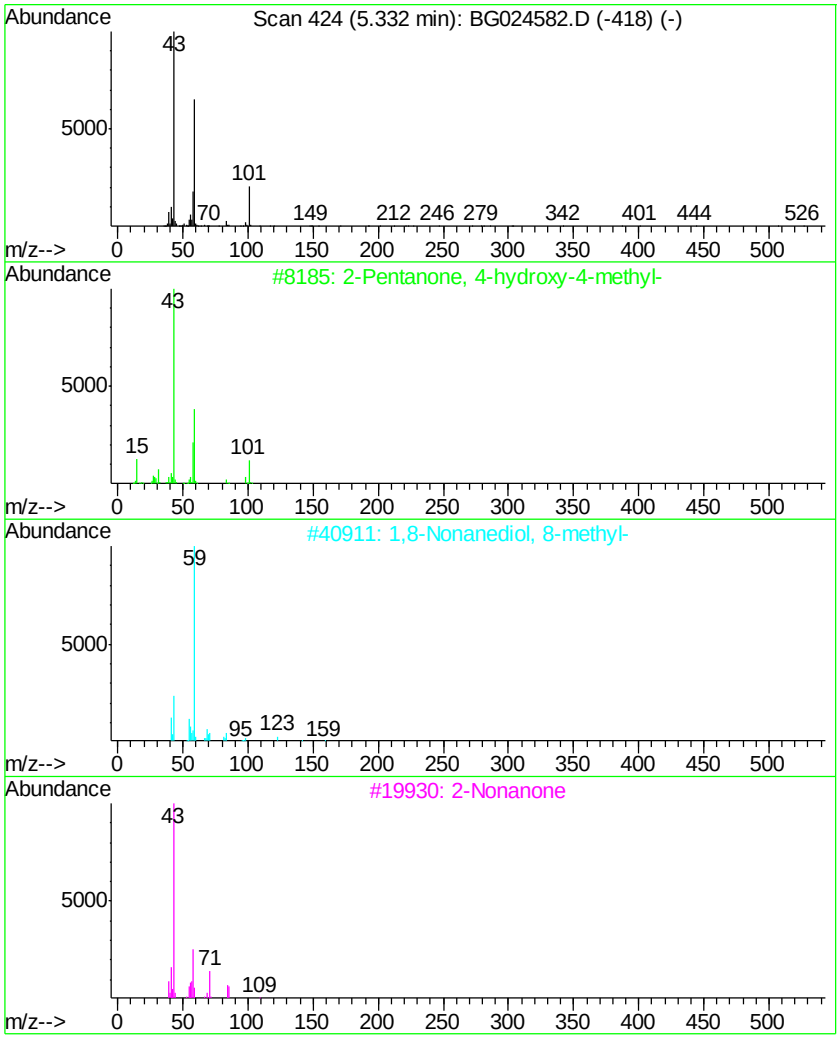
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

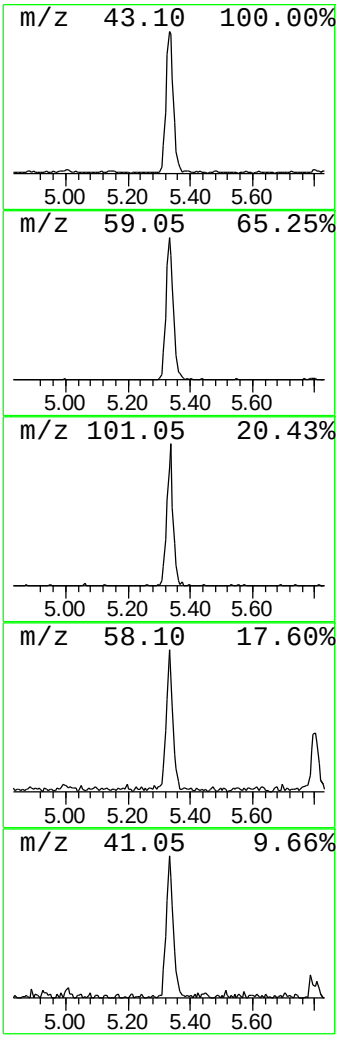
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.33	17.32 ng	702253	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	32
3	2-Nonanone	142	C9H18O	000821-55-6	12
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

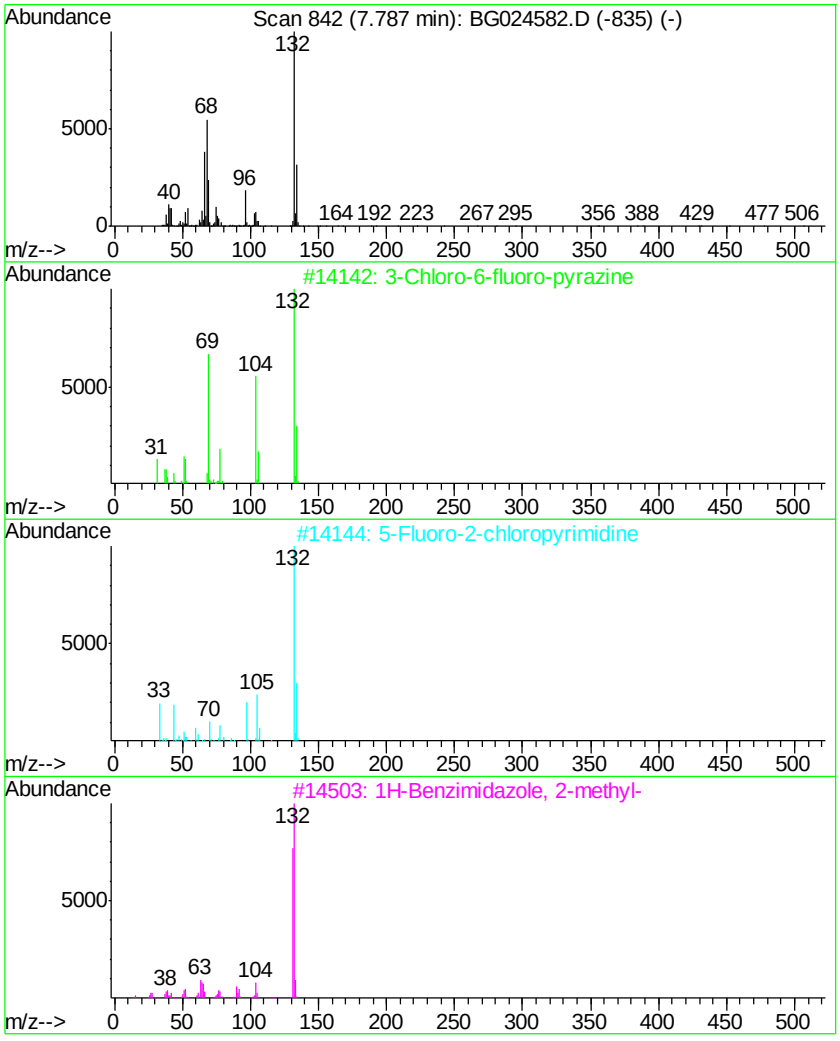
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

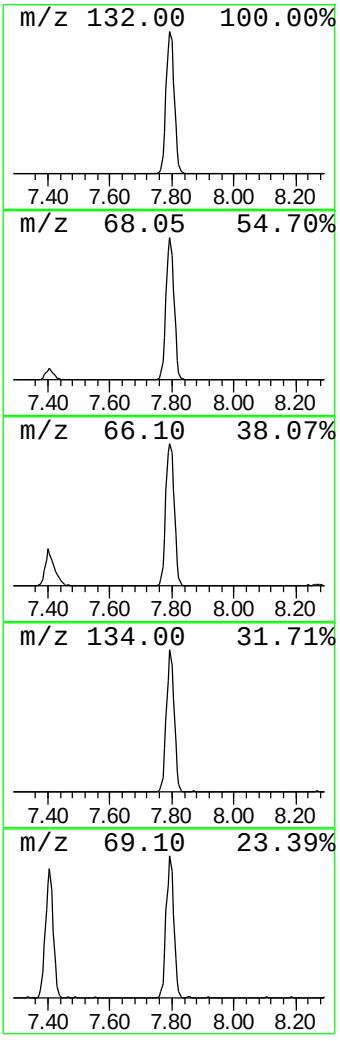
****

Peak Number 3 unknown7.79 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	81.54 ng	3306960	1,4-Dichlorobenzene-d4	8.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	30
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	25
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14
5	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

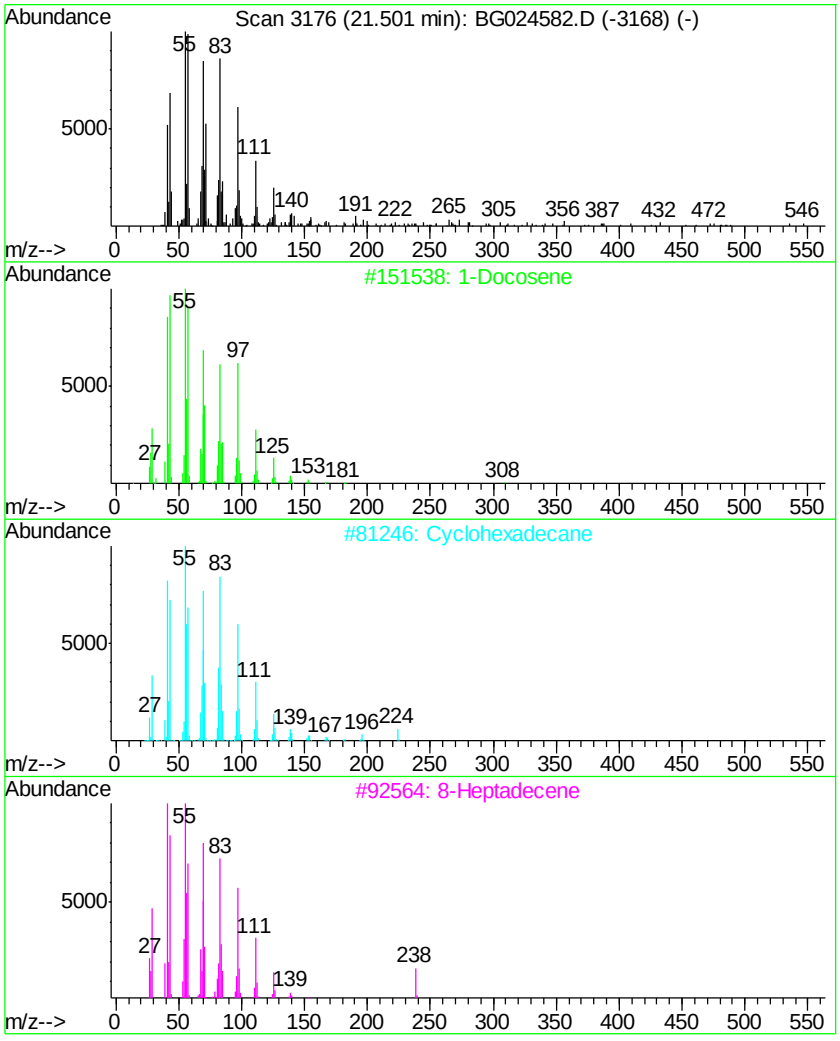
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

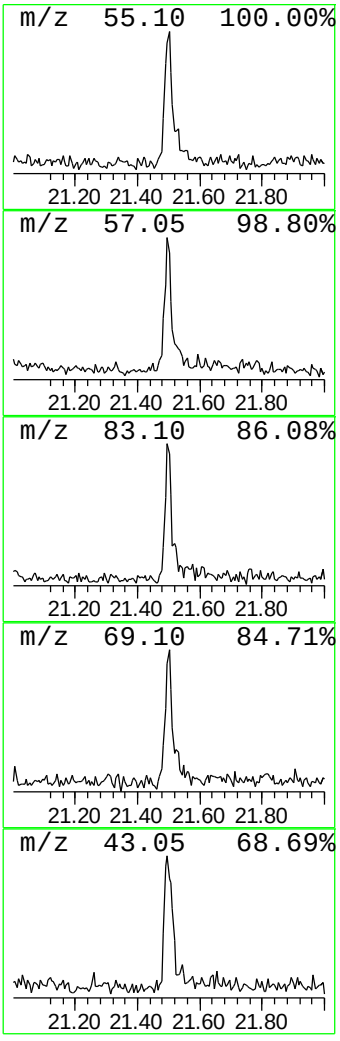
****

Peak Number 5 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.50	3.63 ng	476306	Chrysene-d12	21.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	8-Heptadecene	238	C17H34	002579-04-6	92
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103116\
Data File : BG024582.D
Acq On : 1 Nov 2016 8:17
Operator : UM/SJ
Sample : H5447-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RPC-N1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG102516.M
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...	3.13	204.2	ng	8279220	1	8.27	811106	20.0
2-Pentanone, 4-hy...	5.33	17.3	ng	702253	1	8.27	811106	20.0
unknown7.79	7.79	81.5	ng	3306960	1	8.27	811106	20.0
1-Docosene	21.50	3.6	ng	476306	5	21.92	2624040	20.0