LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

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-BG050515.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	2.779	10	15	29	rVB	4474295	5513495	100.00%	18.055%
2	2.914	34	38	47	rVB	143287	220266	4.00%	0.721%
3	2.990	47	51	56	rBV	181133	203487	3.69%	0.666%
4	4.911	372	378	384	rVB	91764	132673	2.41%	0.434%
5	5.375	450	457	468	rBV	1205101	1719019	31.18%	5.629%
6	6.962	719	727	734	rBV	1377663	2133171	38.69%	6.985%
7	7.320	781	788	797	rBV	1211728	1943022	35.24%	6.363%
8	7.790	862	868	875	rBV	223845	351764	6.38%	1.152%
9	8.108	914	922	930	rBV	787189	1264278	22.93%	4.140%
10	8.948	1057	1065	1075	rBV	748978	1257826	22.81%	4.119%
11	10.581	1335	1343	1350	rBV	314767	535690	9.72%	1.754%
12	13.049	1756	1763	1771	rBV	1928958	2750152	49.88%	9.006%
13	13.883	1900	1905	1915	rVB	129328	182223	3.31%	0.597%
14	14.430	1991	1998	2008	rVB2	505745	792183	14.37%	2.594%
15	15.428	2163	2168	2174	rBV	127059	169851	3.08%	0.556%
16	15.916	2243	2251	2262	rBV	1898112	2684809	48.70%	8.792%
17	16.139	2286	2289	2298	rVB2	42435	67913	1.23%	0.222%
18	17.168	2458	2464	2471	rBV2	748998	1017869	18.46%	3.333%
19	17.291	2477	2485	2489	rVB5	33220	58982	1.07%	0.193%
20	18.066	2612	2617	2629	rBV	183686	287212	5.21%	0.941%
21	19.347	2830	2835	2845	rVB2	66463	101065	1.83%	0.331%
22	19.794	2906	2911	2919	rBV	3520615	4372816	79.31%	14.319%
23	21.051	3121	3125	3132	rBV	439630	552119	10.01%	1.808%
24	21.345	3169	3175	3181	rBV	901169	1083805	19.66%	3.549%
25	23.642	3558	3566	3574	rVB2	556869	1041771	18.89%	3.411%
26	24.289	3670	3676	3683	rBV8	47632	100455	1.82%	0.329%

Sum of corrected areas: 30537916

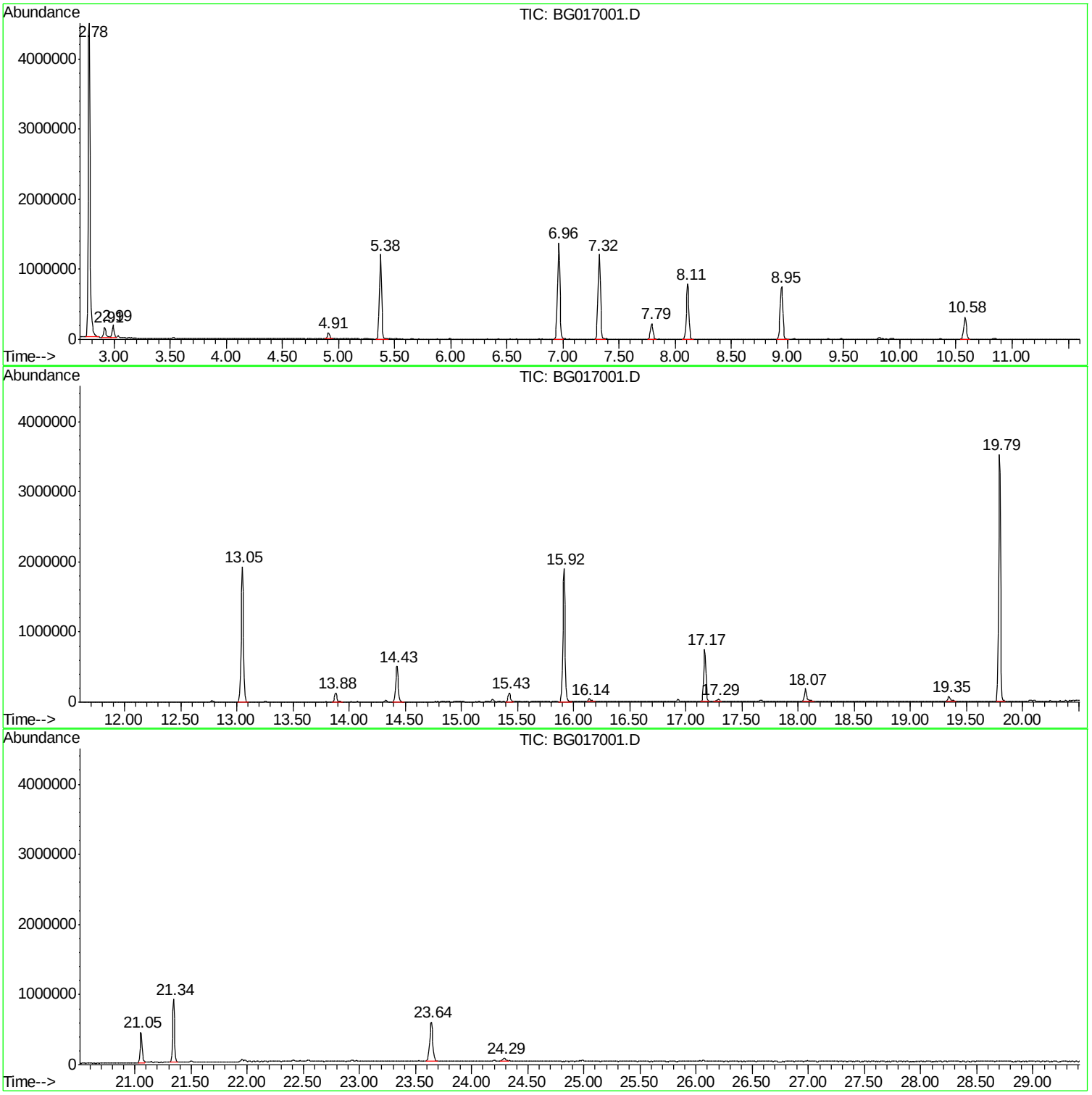
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

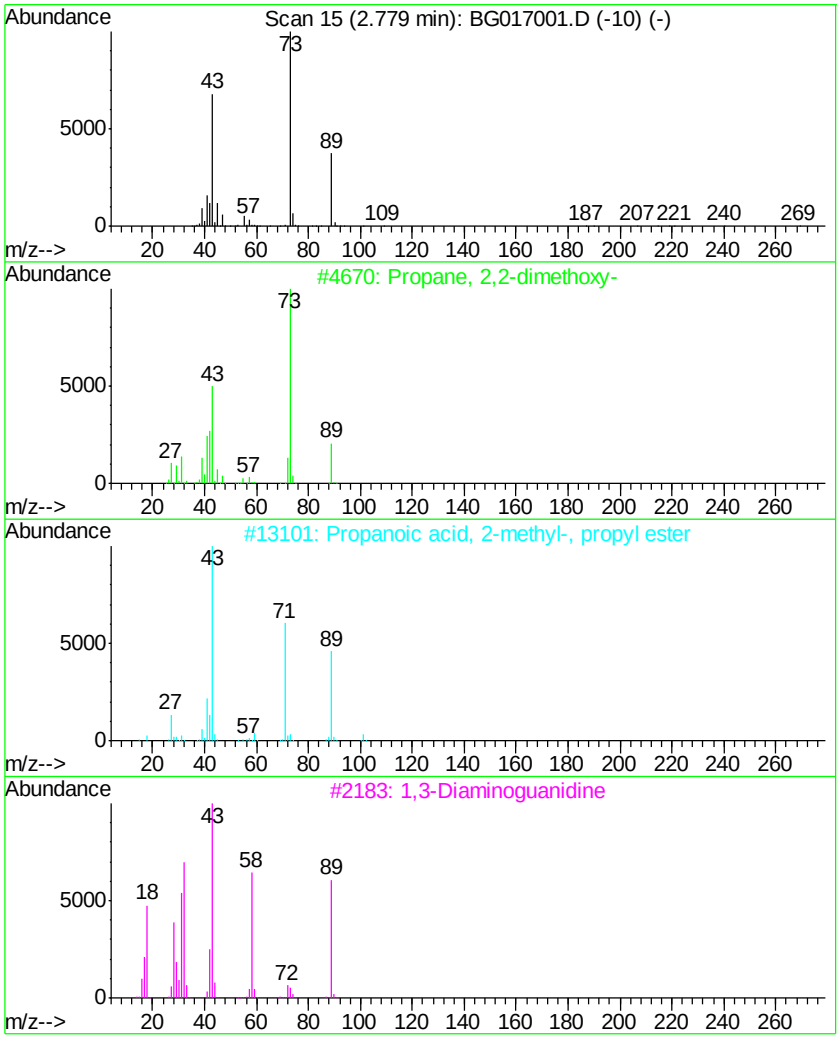
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

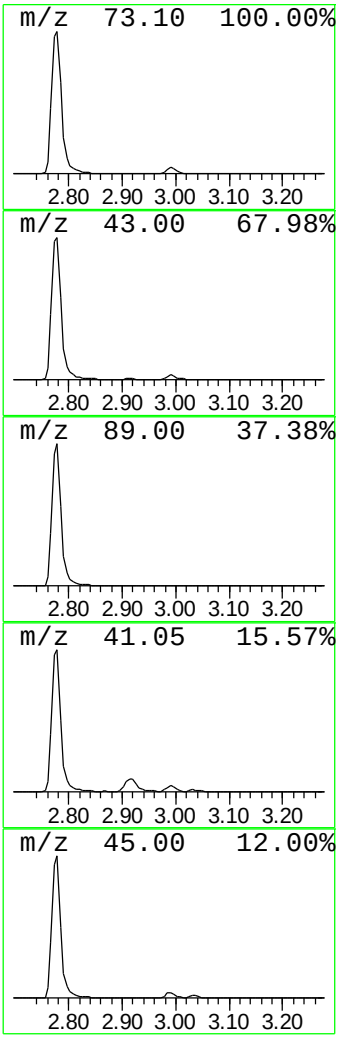
****

Peak Number 1 unknown2.78 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	313.48 ng	5513500	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	39
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	35
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
5	Methylglyoxal	72	C3H4O2	000078-98-8	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

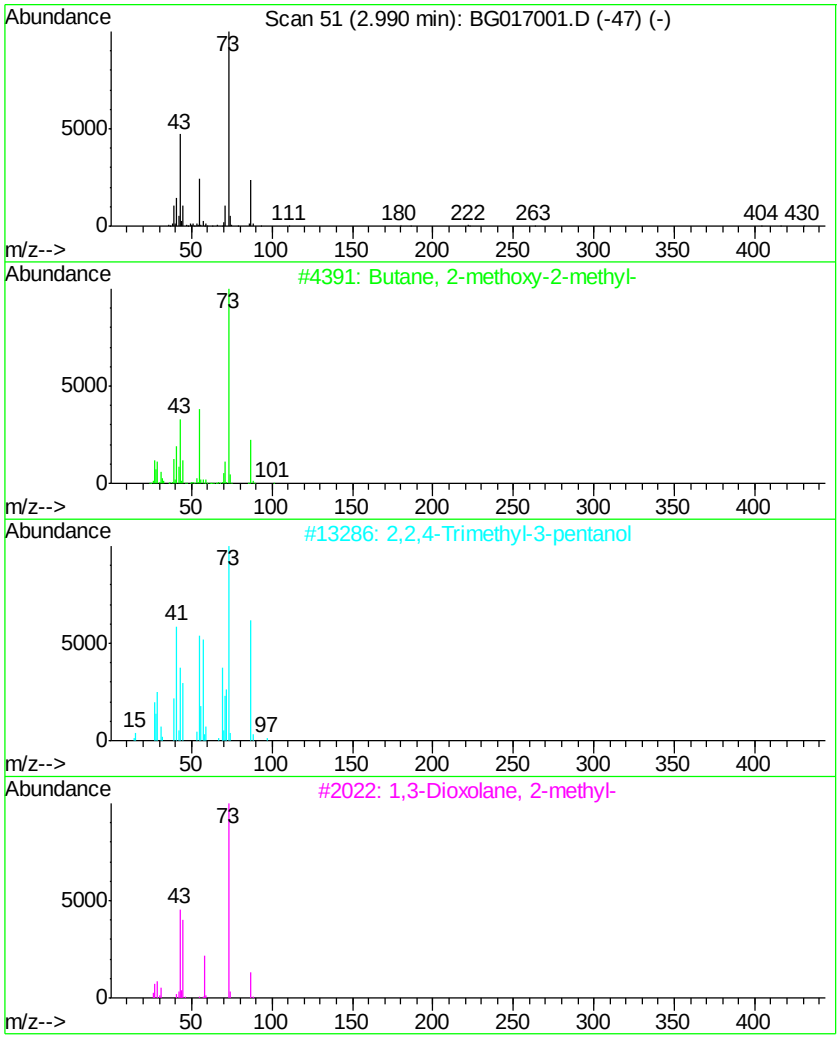
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

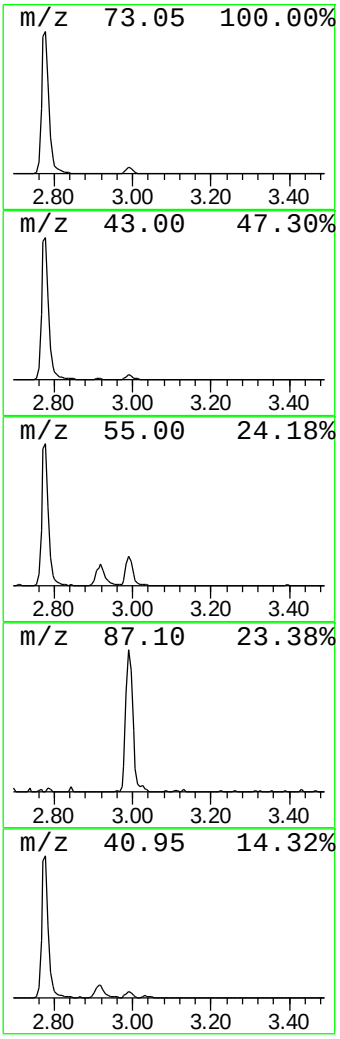
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	11.57 ng	203487	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	16
4	1-Propene-1-thiol	74	C3H6S	000925-89-3	10
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

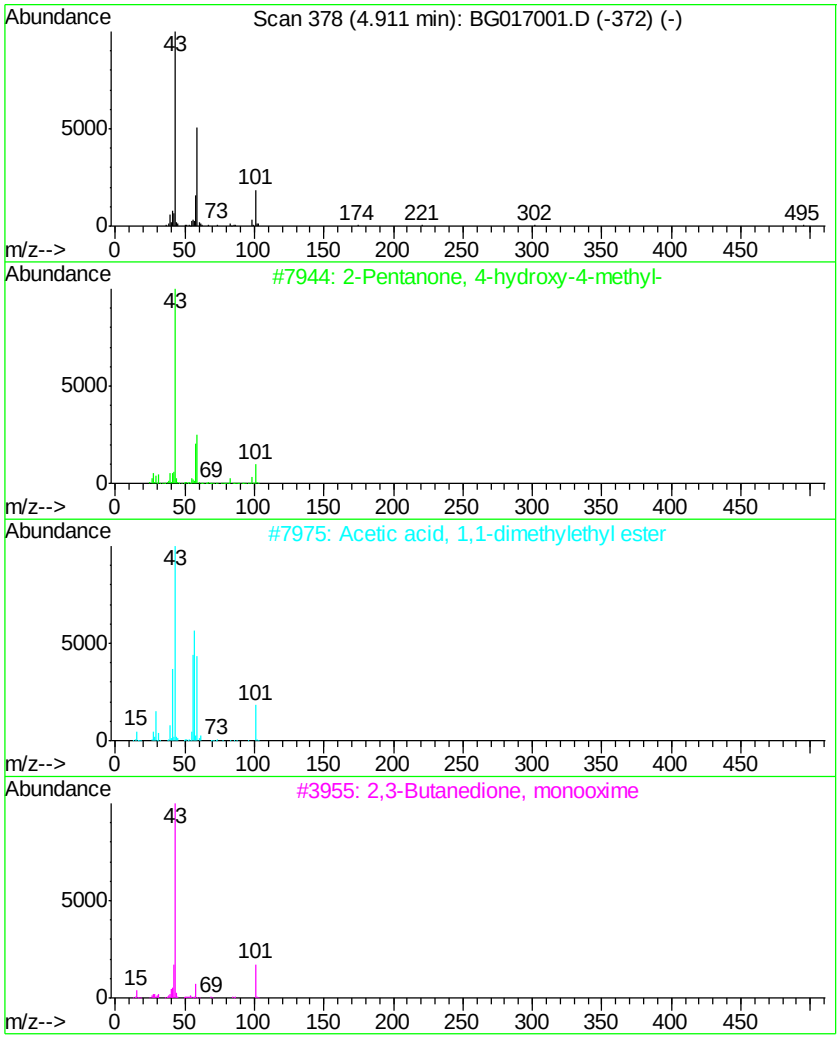
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

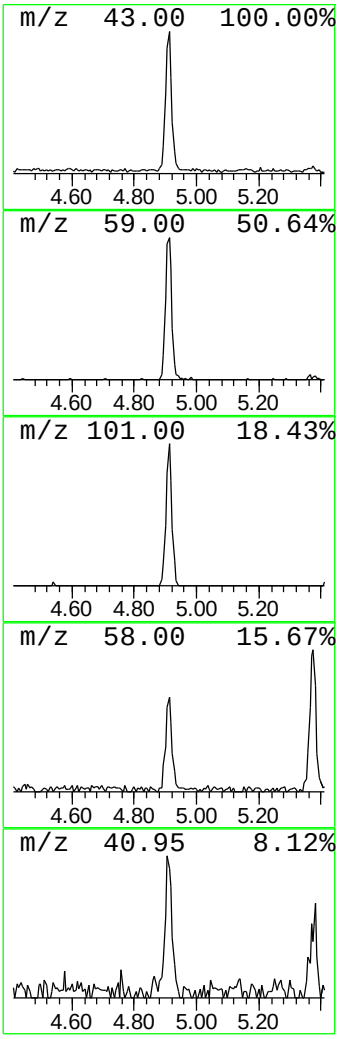
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	7.54 ng	132673	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	12
5	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	12





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

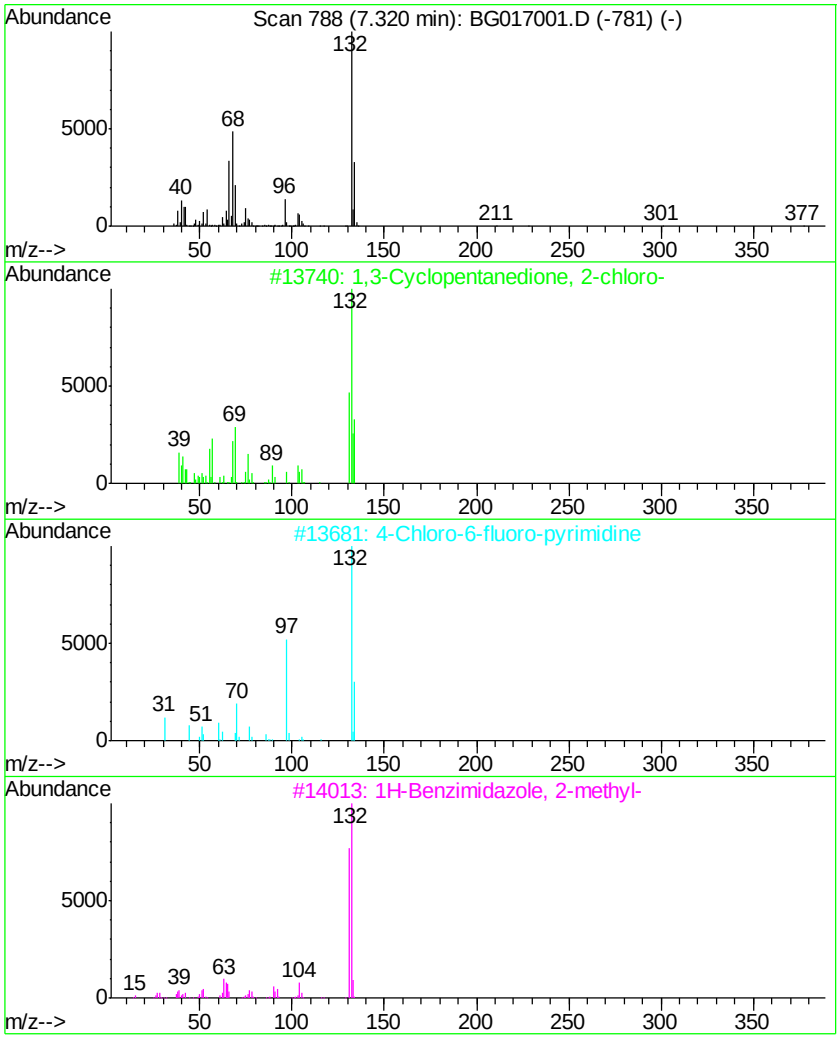
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

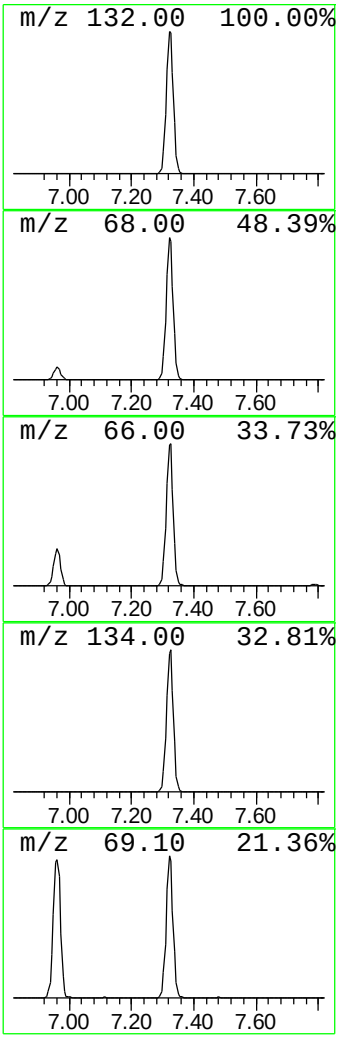
****

Peak Number 5 unknown7.32 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	110.47 ng	1943020	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

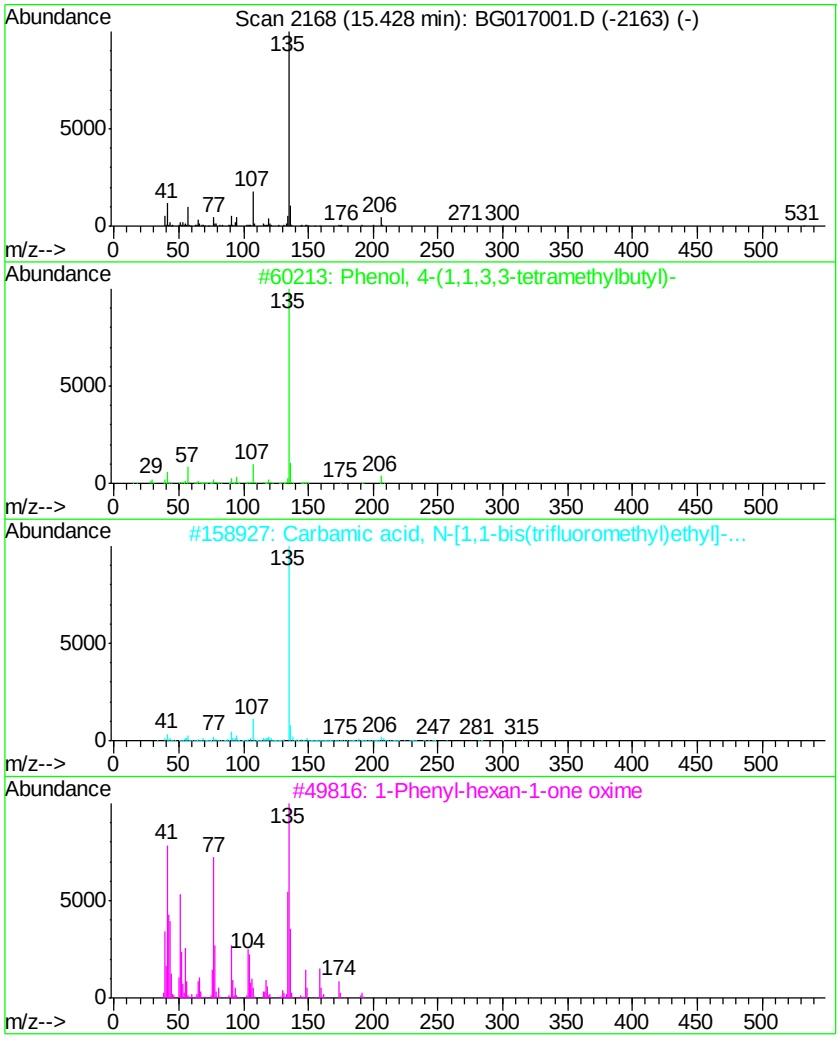
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

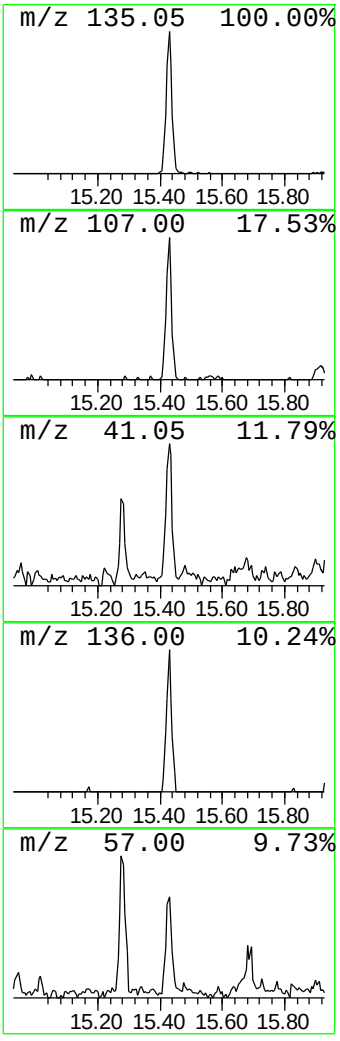
****

Peak Number 7 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.43	4.29 ng	169851	Acenaphthene-d10	14.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	90
2	Carbamic acid, N-[1,1-bis(triflu...	413	C19H25F6NO2	296242-69-8	64
3	1-Phenyl-hexan-1-one oxime	191	C12H17NO	069060-56-6	50
4	4-Methyl-2-(phenylacetyl)phenol	226	C15H14O2	024258-63-7	45
5	m-Methoxybenzoic acid, 2-isoprop...	286	C17H18O4	1000292-63-1	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

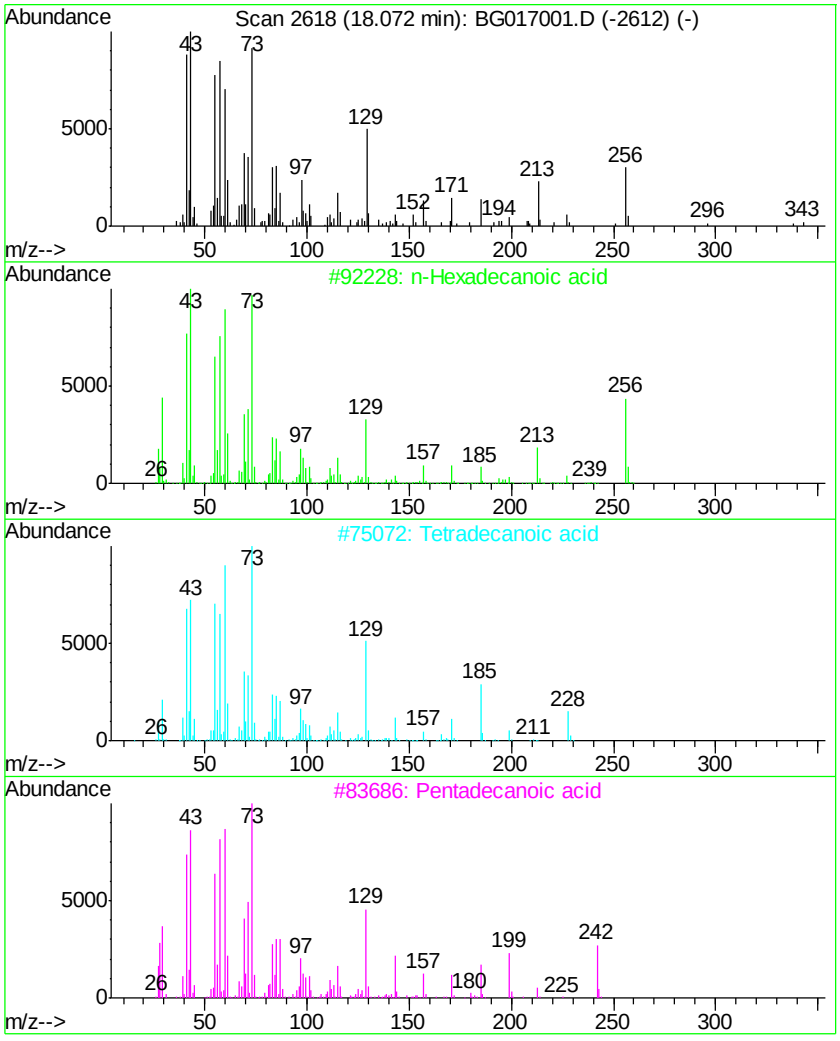
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

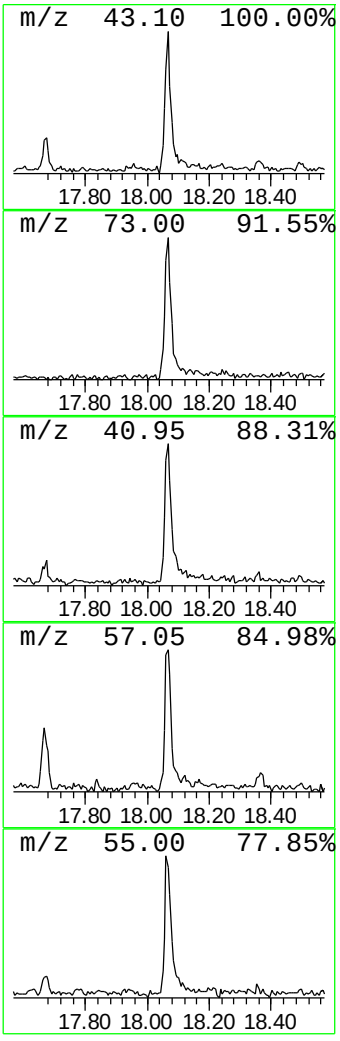
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	5.64 ng	287212	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

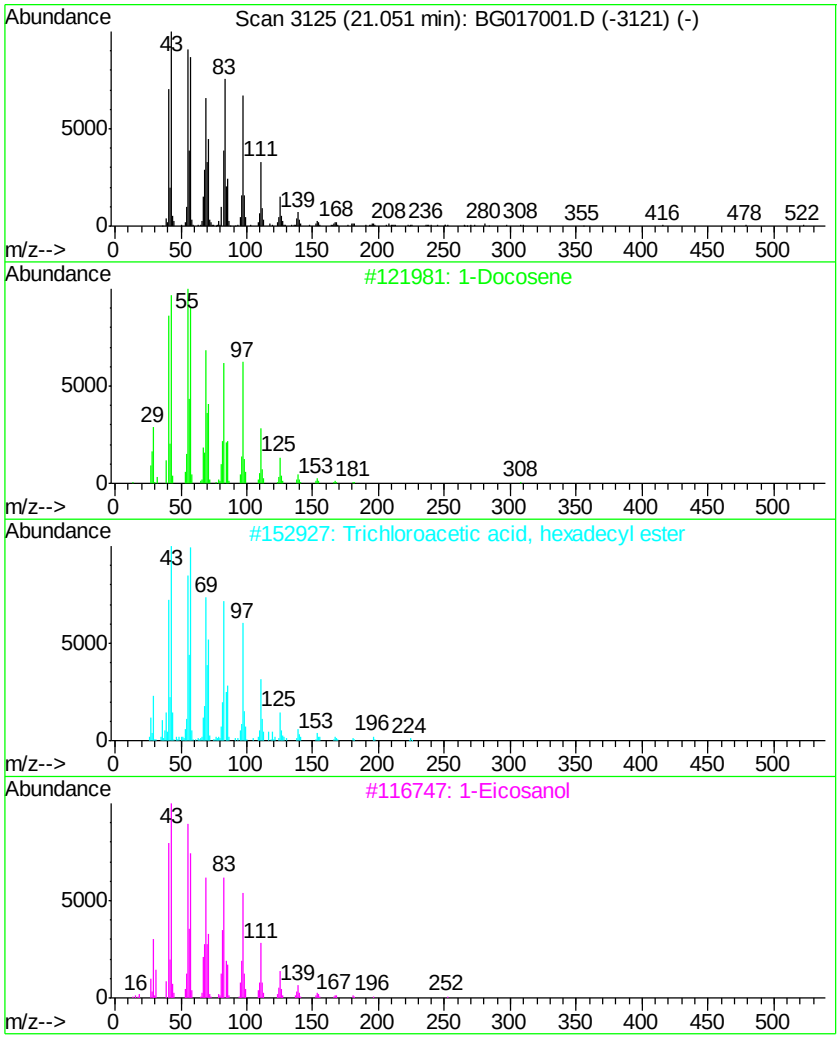
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

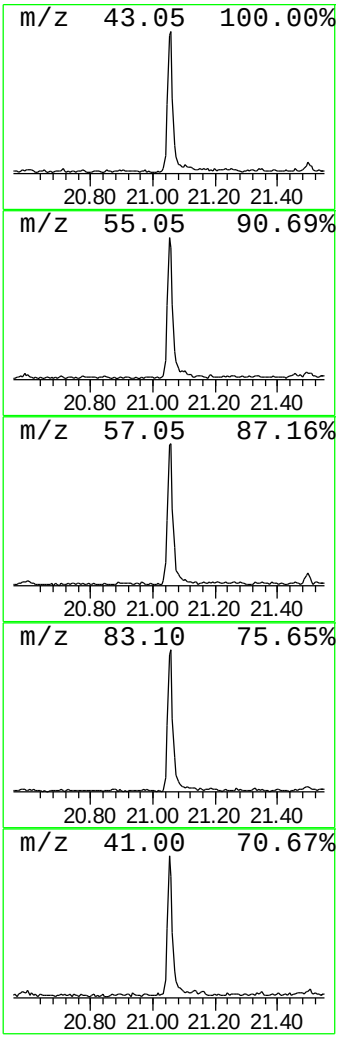
****

Peak Number 9 1-Docosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	10.19 ng	552119	Chrysene-d12	21.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	1-Eicosanol	298	C20H42O	000629-96-9	91
4	Acetic acid, trifluoro-, hexadec...	338	C18H33F3O2	006222-03-3	91
5	1-Docosanol	326	C22H46O	000661-19-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050915\
Data File : BG017001.D
Acq On : 9 May 2015 22:07
Operator : TP/IZ
Sample : G2151-18
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TU021-SB-10-6.5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG050515.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
unknown2.78	2.78	313.5	ng	5513500	1	7.79	351764	20.0
Butane, 2-methoxy...	2.99	11.6	ng	203487	1	7.79	351764	20.0
2-Pentanone, 4-hy...	4.91	7.5	ng	132673	1	7.79	351764	20.0
unknown7.32	7.32	110.5	ng	1943020	1	7.79	351764	20.0
Phenol, 4-(1,1,3,...	15.43	4.3	ng	169851	3	14.43	792183	20.0
n-Hexadecanoic acid	18.07	5.6	ng	287212	4	17.17	1017870	20.0
1-Docosene	21.05	10.2	ng	552119	5	21.34	1083810	20.0