LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(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-BG021116.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	38	42	57	rVB	253011	337137	35.27%	4.528%
2	3.241	63	68	77	rBV	23081	41016	4.29%	0.551%
3	3.317	77	81	85	rVB	8989	10397	1.09%	0.140%
4	5.315	414	421	433	rBV	53472	82127	8.59%	1.103%
5	5.796	496	503	512	rBV	286994	462050	48.33%	6.206%
6	7.406	769	777	786	rBV	318100	535393	56.01%	7.191%
7	7.788	835	842	851	rBV	332240	553075	57.86%	7.428%
8	8.258	915	922	930	rBV	58374	96284	10.07%	1.293%
9	8.587	970	978	985	rVB	223319	376181	39.35%	5.052%
10	9.432	1114	1122	1132	rBV	188539	331497	34.68%	4.452%
11	9.521	1132	1137	1148	rVB2	6349	10505	1.10%	0.141%
12	11.083	1396	1403	1415	rVB	97452	177045	18.52%	2.378%
13	13.498	1807	1814	1822	rBV	550626	841789	88.06%	11.306%
14	14.314	1946	1953	1959	rBV	99391	143598	15.02%	1.929%
15	14.737	2021	2025	2030	rBV	18023	22913	2.40%	0.308%
16	14.872	2042	2048	2056	rVB2	189388	301678	31.56%	4.052%
17	15.683	2182	2186	2191	rVB	27782	35867	3.75%	0.482%
18	16.088	2245	2255	2259	rBV3	7941	20135	2.11%	0.270%
19	16.352	2294	2300	2309	rVB2	464625	671717	70.27%	9.022%
20	16.540	2328	2332	2344	rBV	28868	50886	5.32%	0.683%
21	17.334	2461	2467	2471	rBV	15049	19547	2.04%	0.263%
22	17.610	2507	2514	2519	rBV2	217781	338928	35.45%	4.552%
23	17.645	2519	2520	2527	rVB	8957	11020	1.15%	0.148%
24	17.956	2569	2573	2580	rBV2	14164	20849	2.18%	0.280%
25	19.307	2798	2803	2809	rBV2	12223	17485	1.83%	0.235%
26	19.636	2855	2859	2866	rVB	12487	16559	1.73%	0.222%
27	20.001	2914	2921	2926	rVB	9881	17225	1.80%	0.231%
28	20.189	2947	2953	2959	rBV	745234	955960	100.00%	12.839%
29	21.311	3140	3144	3149	rBV	9418	13127	1.37%	0.176%
30	21.487	3169	3174	3184	rBV2	39776	64793	6.78%	0.870%
31	21.880	3234	3241	3248	rBV	225725	374480	39.17%	5.030%
32	22.709	3374	3382	3391	rBV8	9021	31188	3.26%	0.419%
33	24.259	3639	3646	3653	rVB3	23130	45826	4.79%	0.615%
34	25.252	3805	3815	3832	rVB2	123145	360373	37.70%	4.840%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(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-BG021116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	25.799	3904	3908	3917	rVB7	4494	11314	1.18%	0.152%
36	26.451	4009	4019	4030	rVB4	14574	45593	4.77%	0.612%

Sum of corrected areas: 7445557

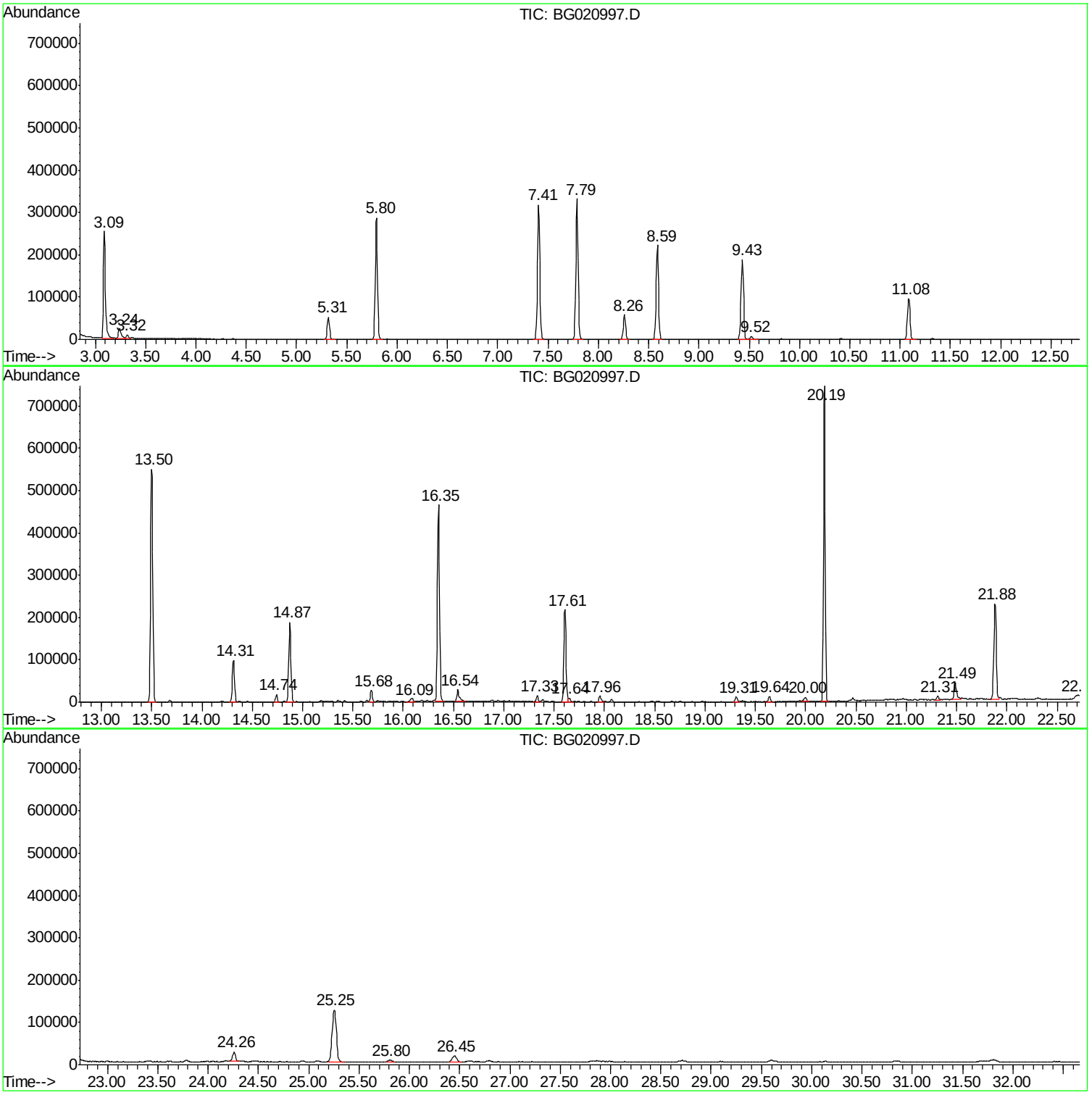
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

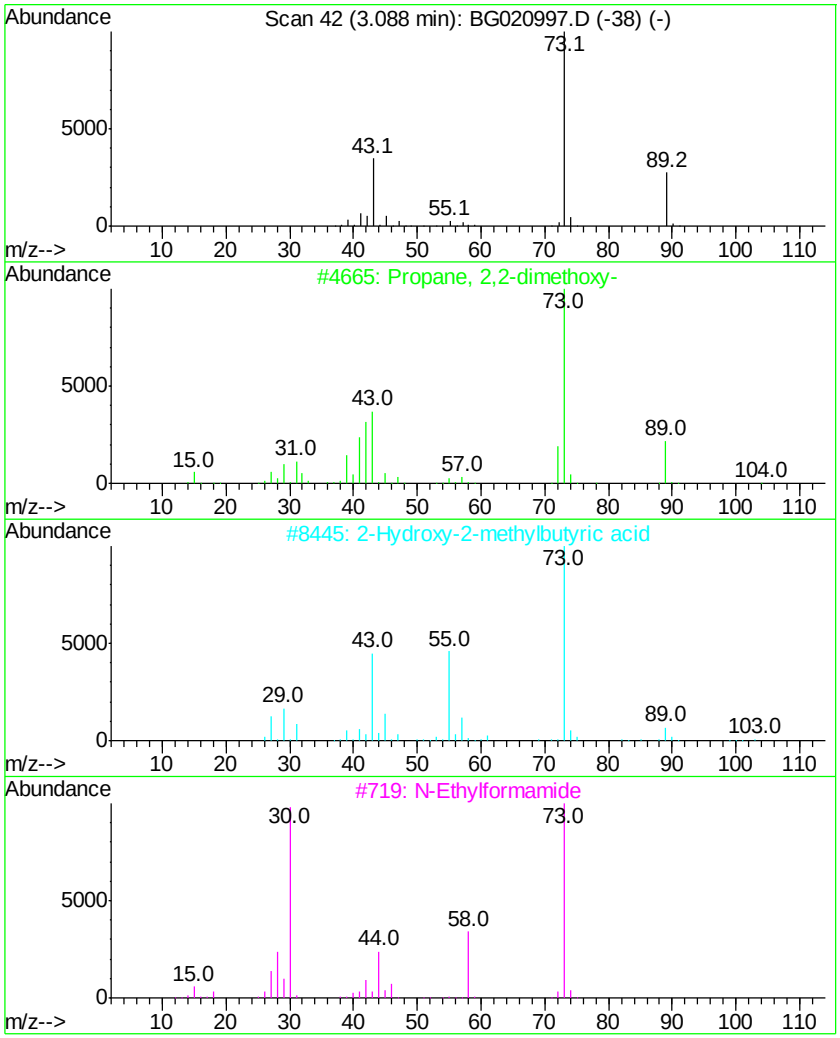
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

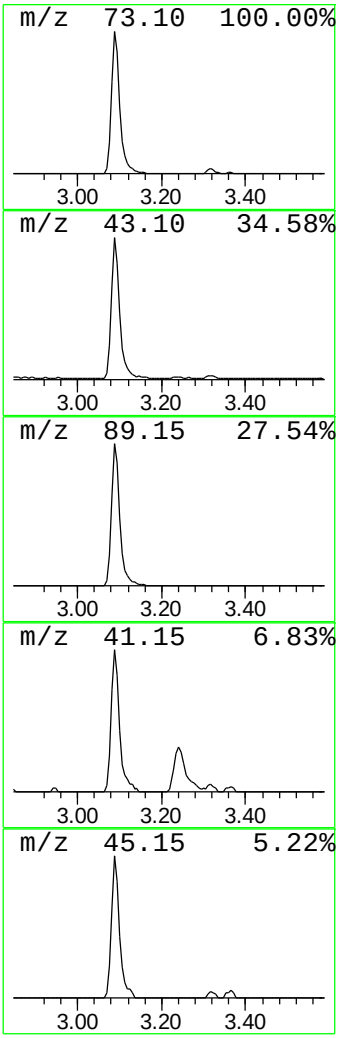
****

Peak Number 1 unknown3.09 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	70.03 ng	337137	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	45
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

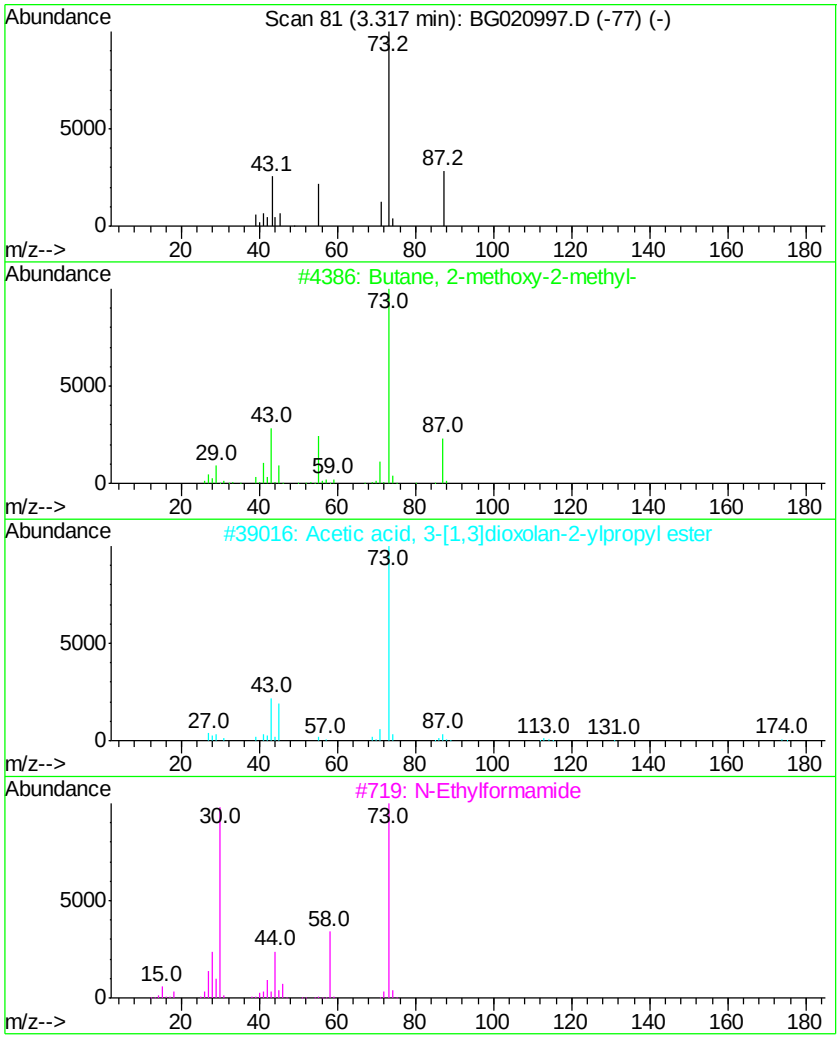
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

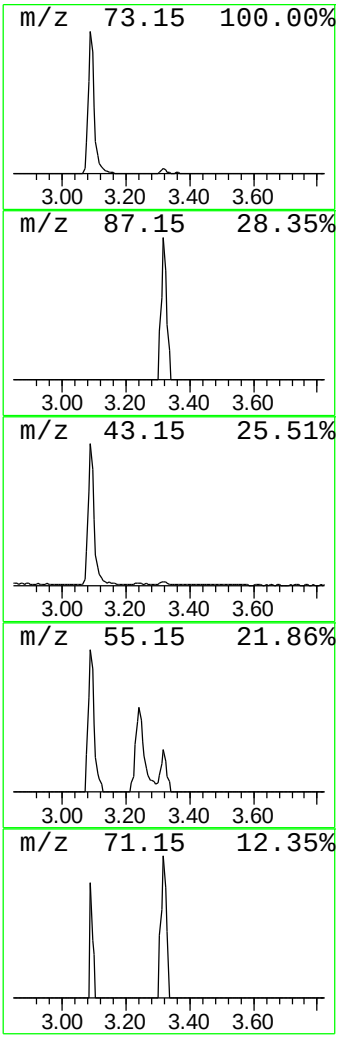
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.32	2.16 ng	10397	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Acetic acid, 3-[1,3]dioxolan-2-y...	174	C8H14O4	1000186-02-3	28
3	N-Ethylformamide	73	C3H7NO	000627-45-2	7
4	1,3-Dioxolane	74	C3H6O2	000646-06-0	7
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	5





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

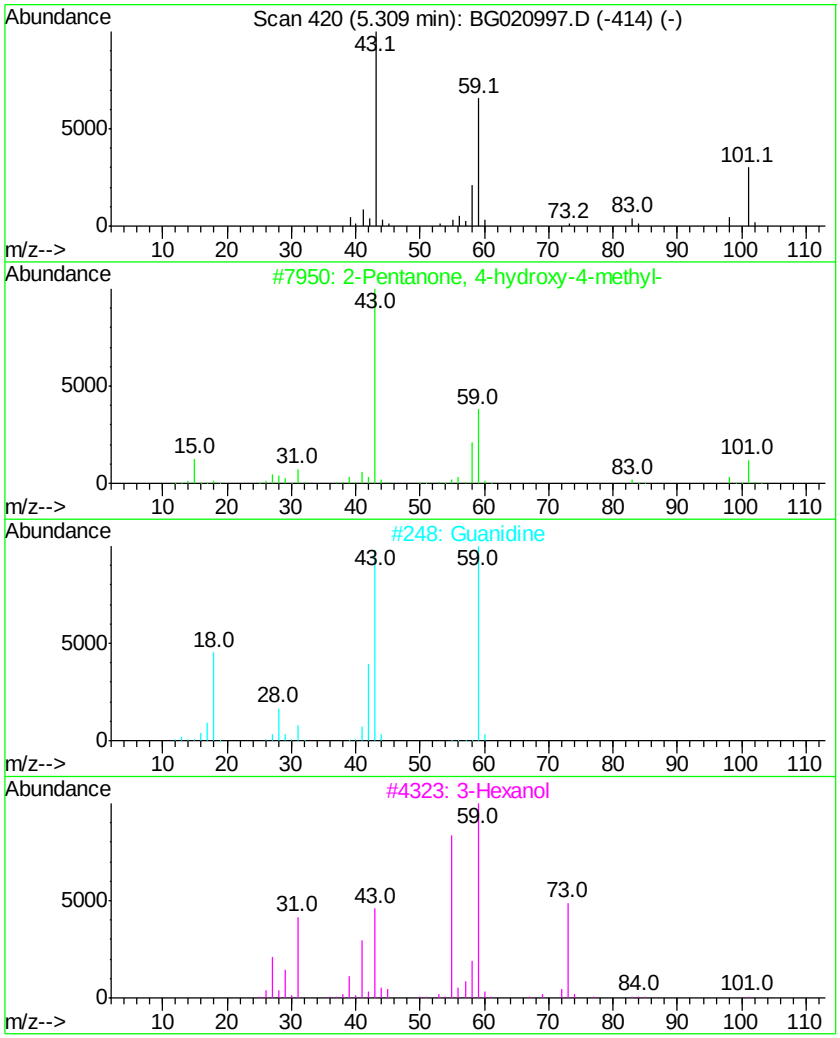
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

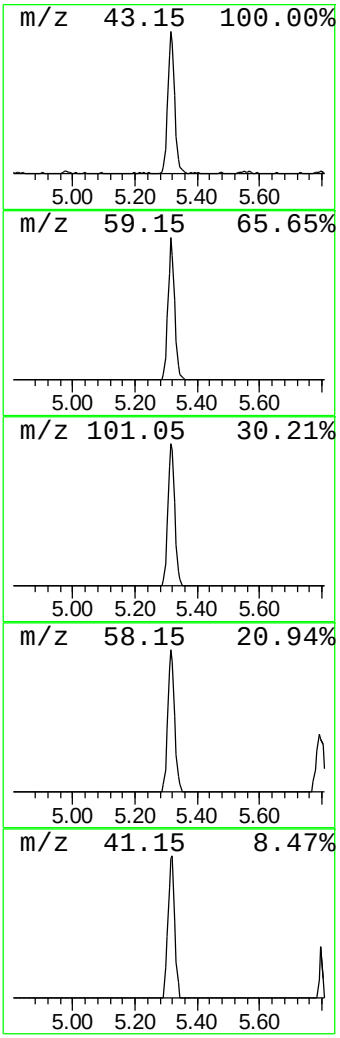
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.31	17.06 ng	82127	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Guanidine	59	CH5N3	000113-00-8	47
3	3-Hexanol	102	C6H14O	000623-37-0	36
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

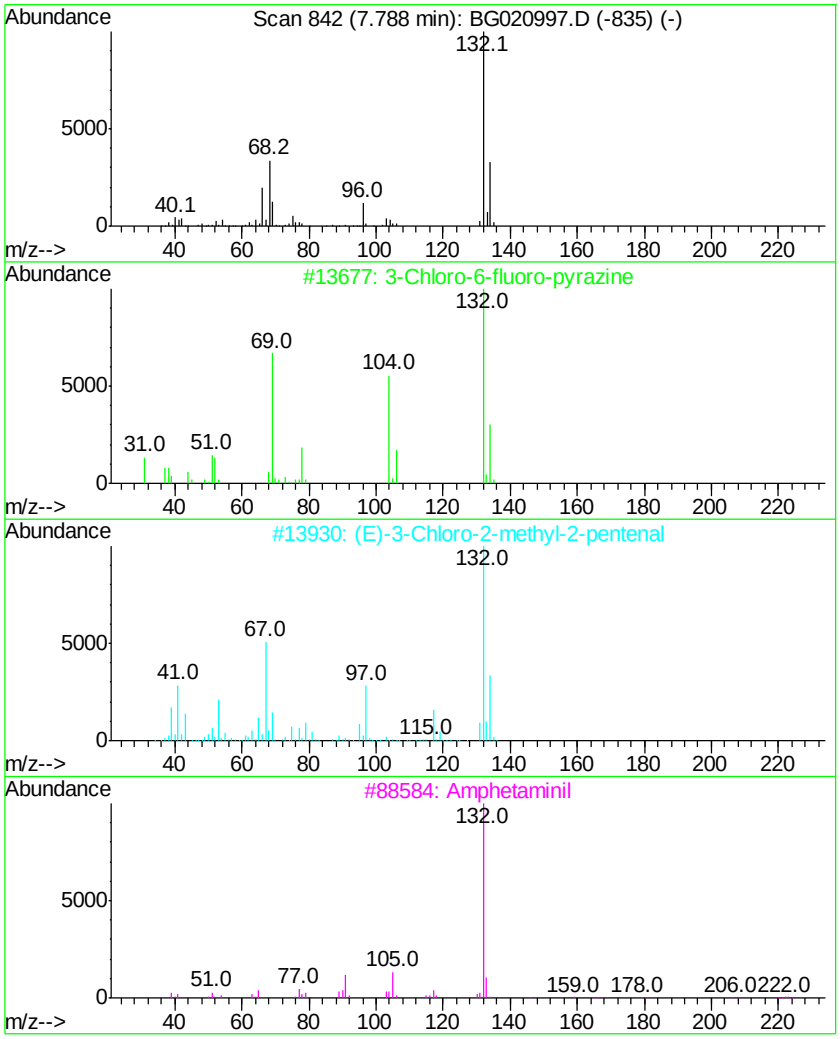
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

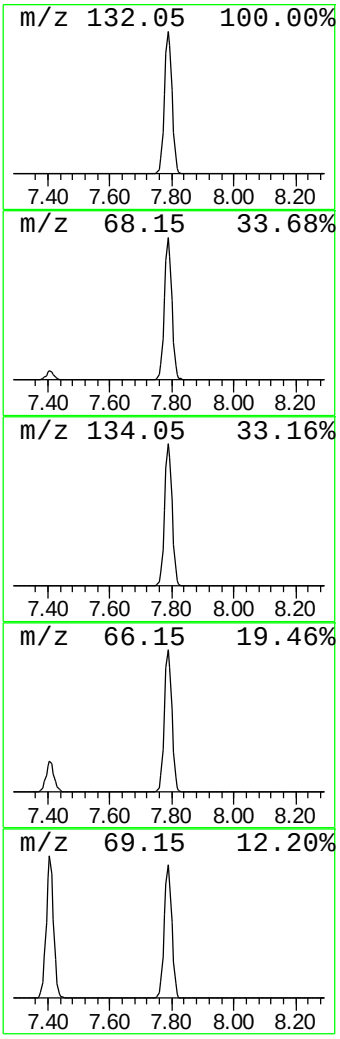
****

Peak Number 5 unknown7.79 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	114.88 ng	553075	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5	Xenon	132	Xe	007440-63-3	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

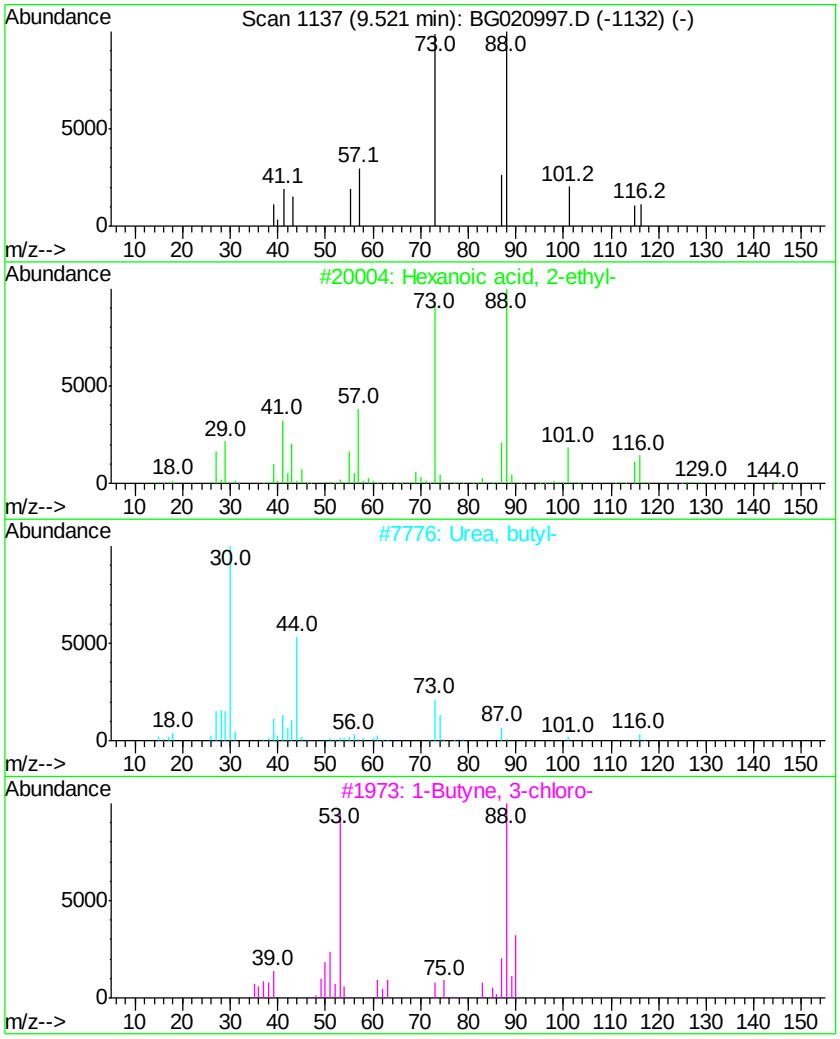
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

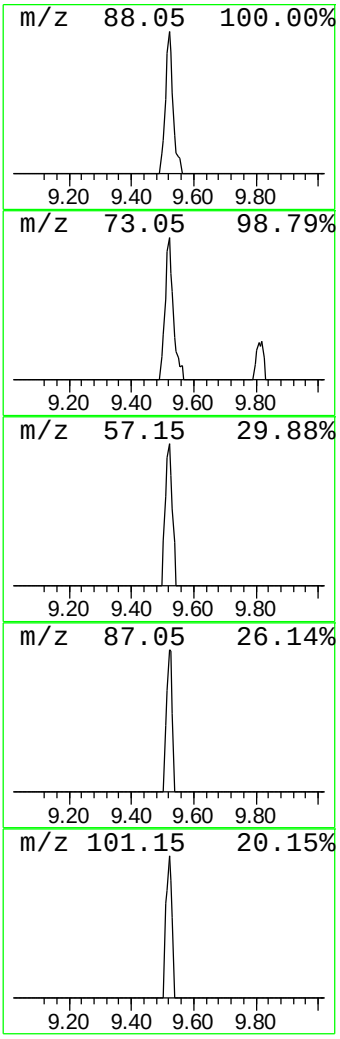
****

Peak Number 7 Hexanoic acid, 2-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.52	2.18 ng	10505	1,4-Dichlorobenzene-d4	8.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
2	Urea, butyl-	116	C5H12N2O	000592-31-4	5
3	1-Butyne, 3-chloro-	88	C4H5Cl	021020-24-6	5
4	Sulfide, allyl methyl	88	C4H8S	010152-76-8	5
5	Urea, ethyl-	88	C3H8N2O	000625-52-5	4





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

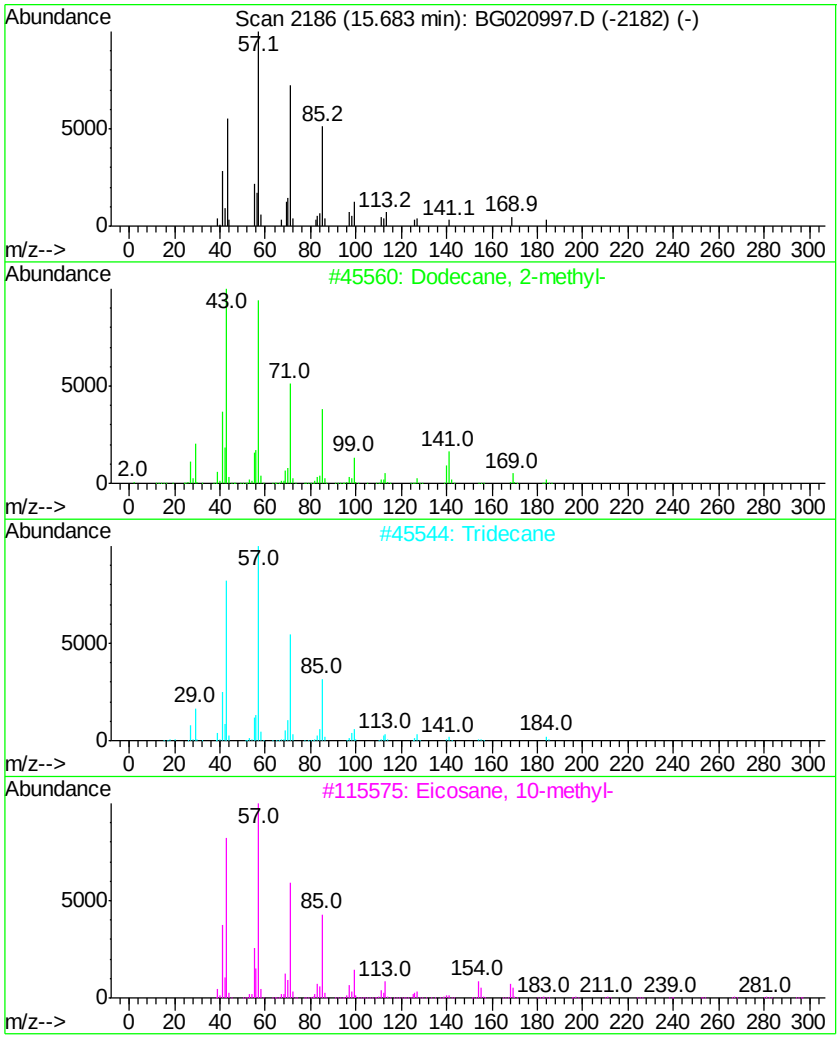
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

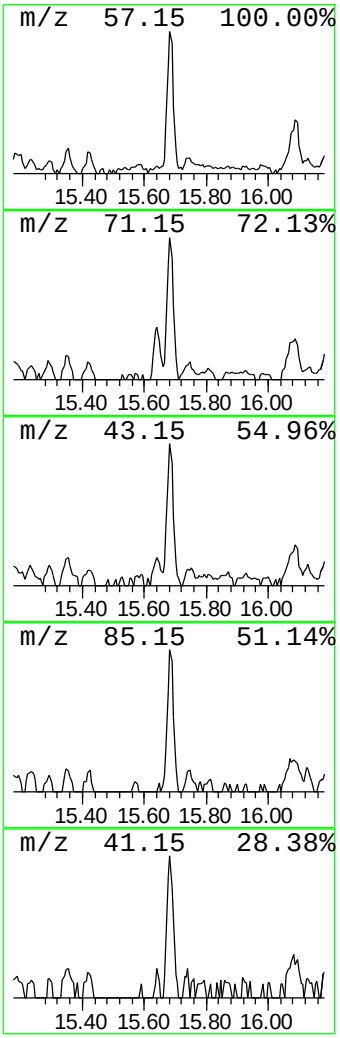
****

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	2.38 ng	35867	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	91
2	Tridecane	184	C13H28	000629-50-5	89
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Pentadecane	212	C15H32	000629-62-9	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

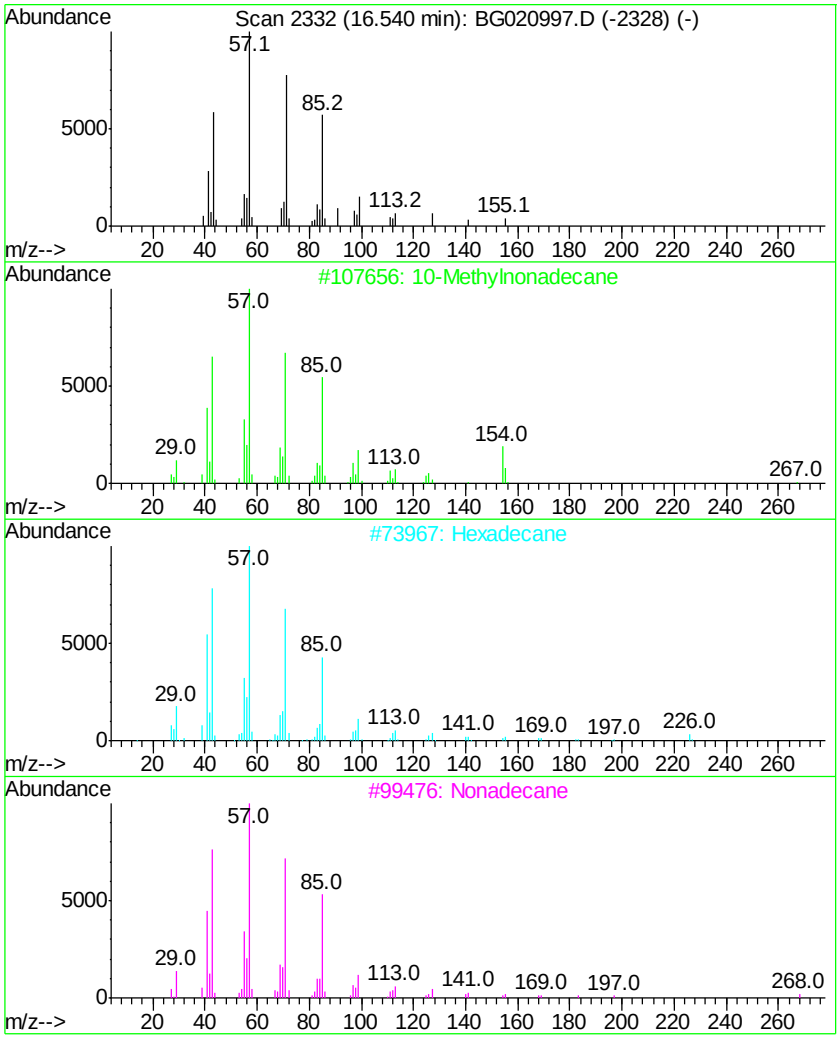
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

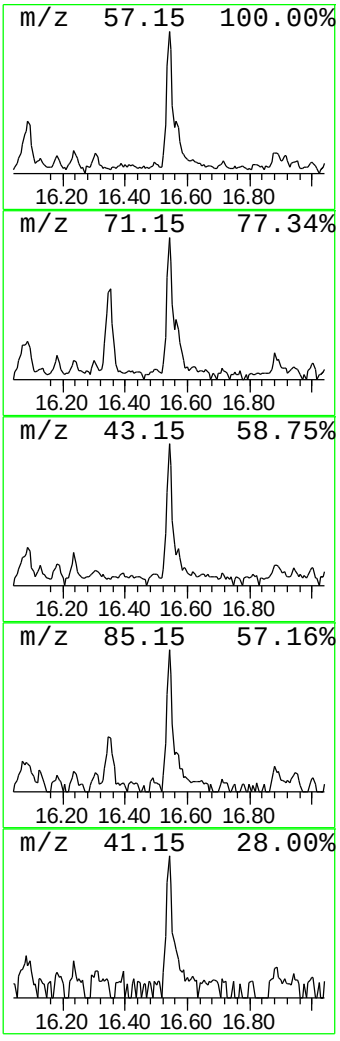
****

Peak Number 9 10-Methylnonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.54	3.00 ng	50886	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Methylnonadecane	282	C20H42	056862-62-5	86
2	Hexadecane	226	C16H34	000544-76-3	83
3	Nonadecane	268	C19H40	000629-92-5	83
4	Heptadecane	240	C17H36	000629-78-7	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

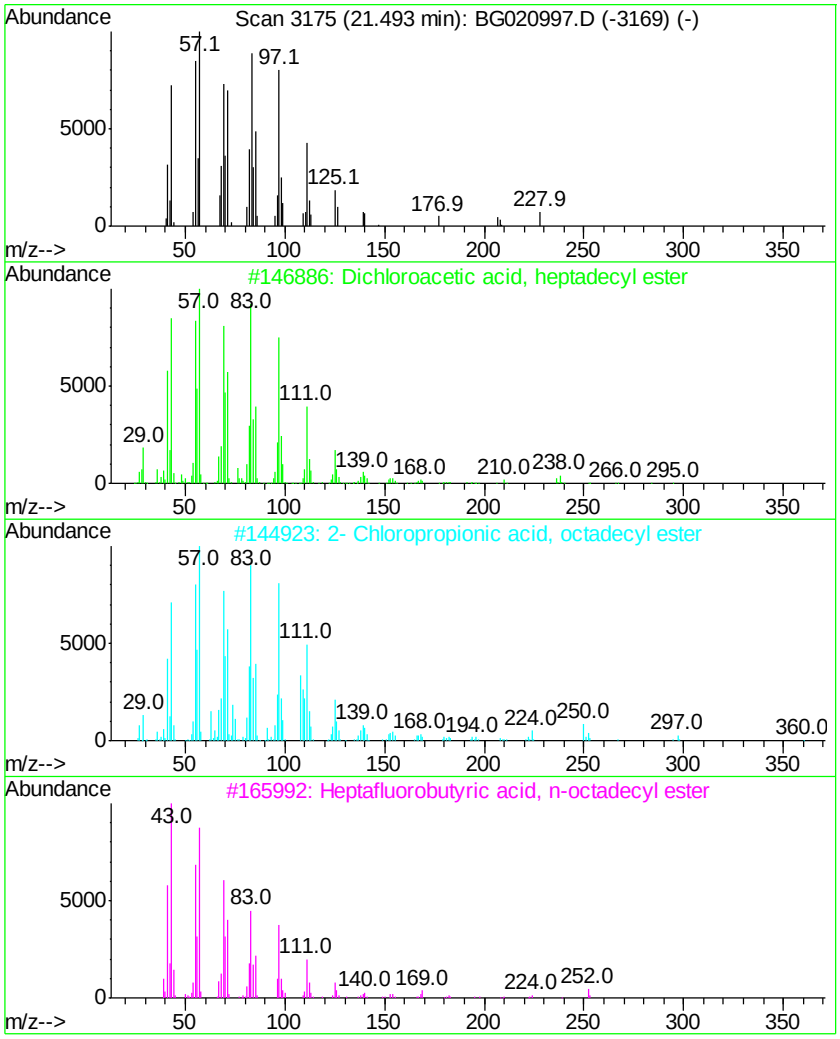
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

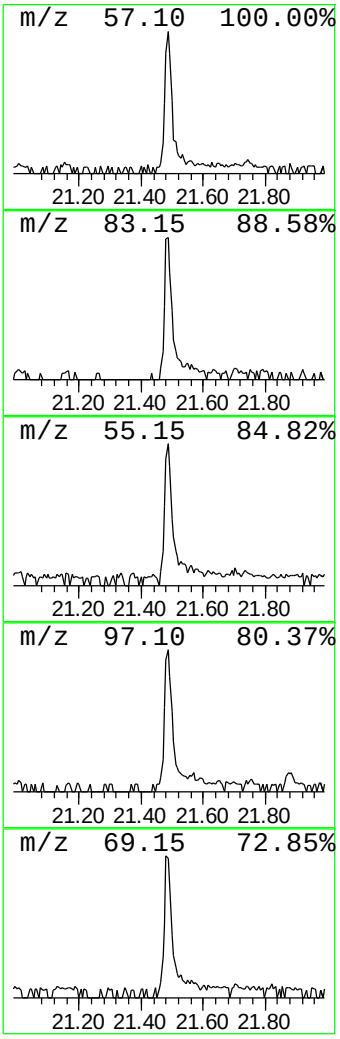
****

Peak Number 10 Dichloroacetic acid, heptad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.49	3.46 ng	64793	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

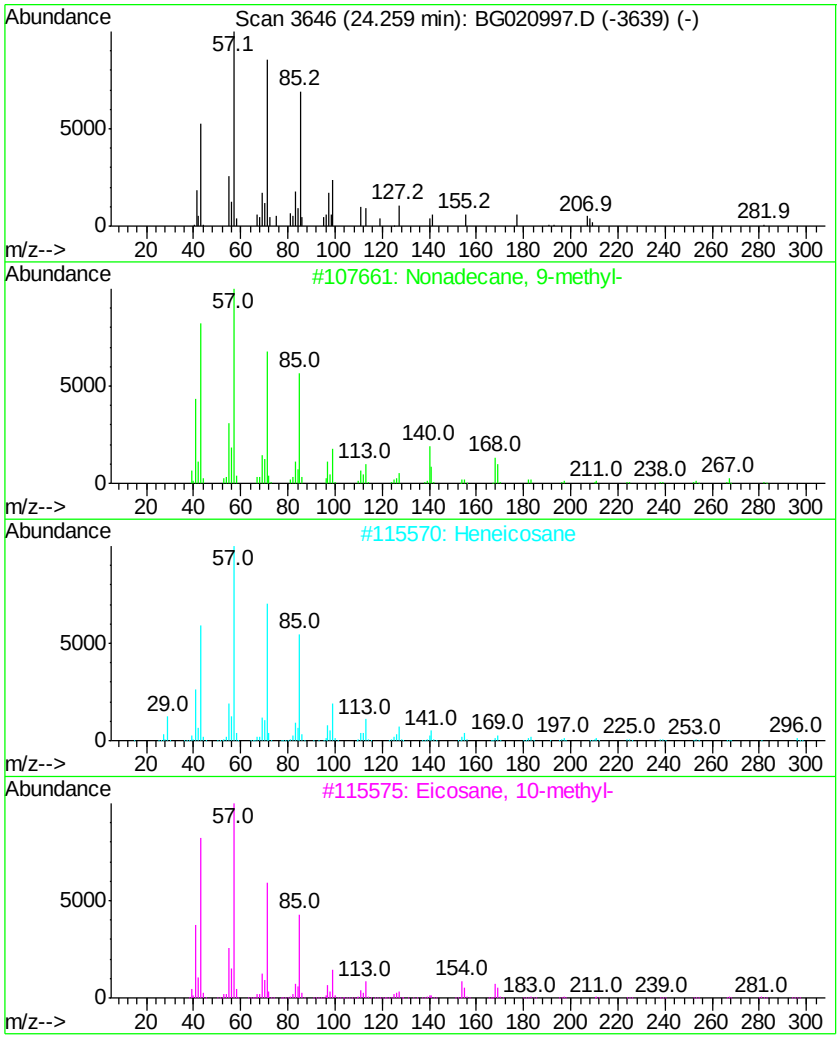
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

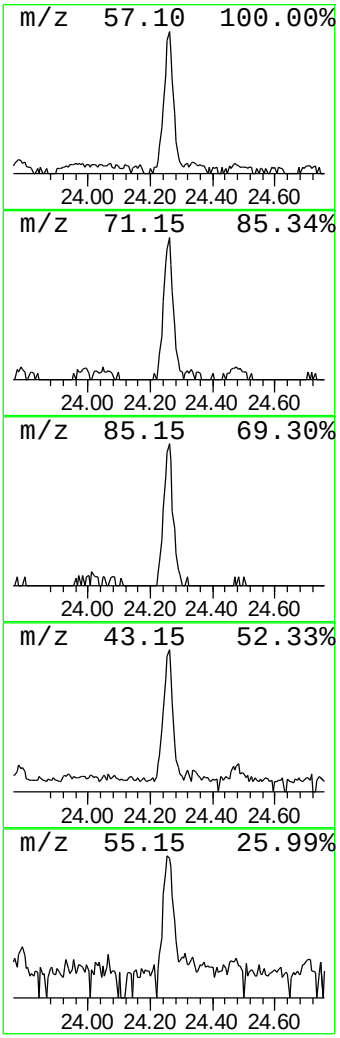
****

Peak Number 11 Nonadecane, 9-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.26	2.54 ng	45826	Perylene-d12	25.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	93
2	Heneicosane	296	C21H44	000629-94-7	86
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4	Tetratriacontane	479	C34H70	014167-59-0	86
5	Nonadecane	268	C19H40	000629-92-5	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

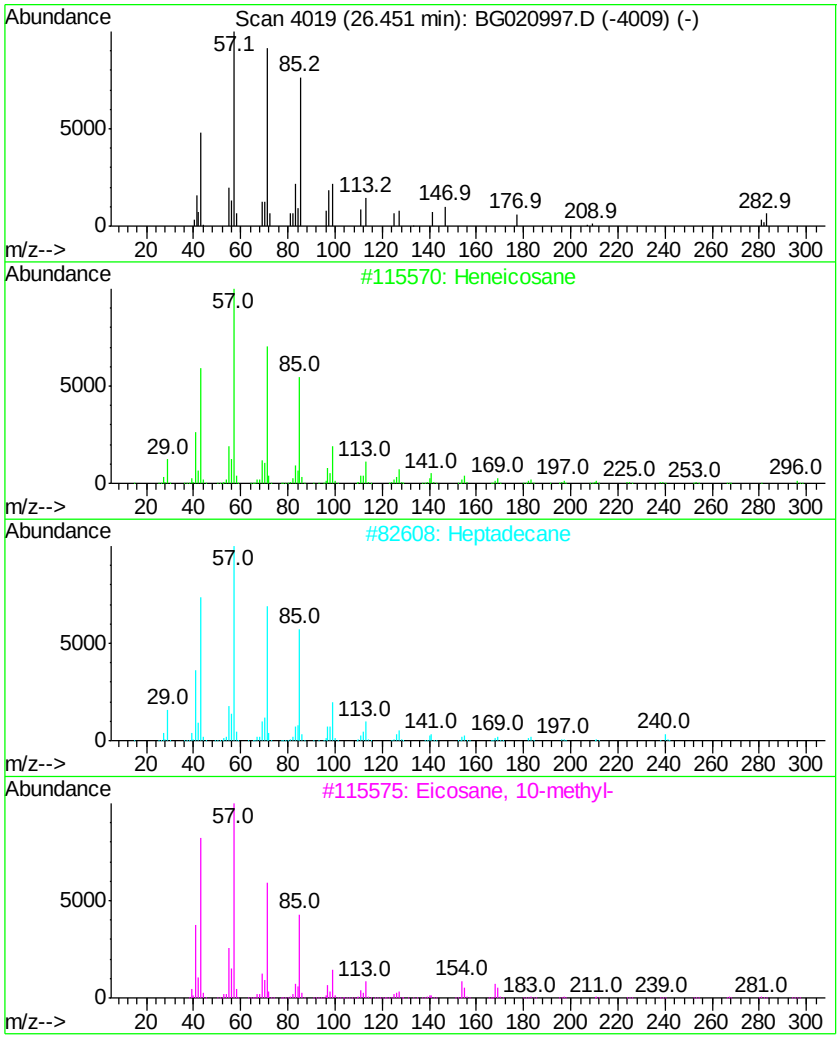
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

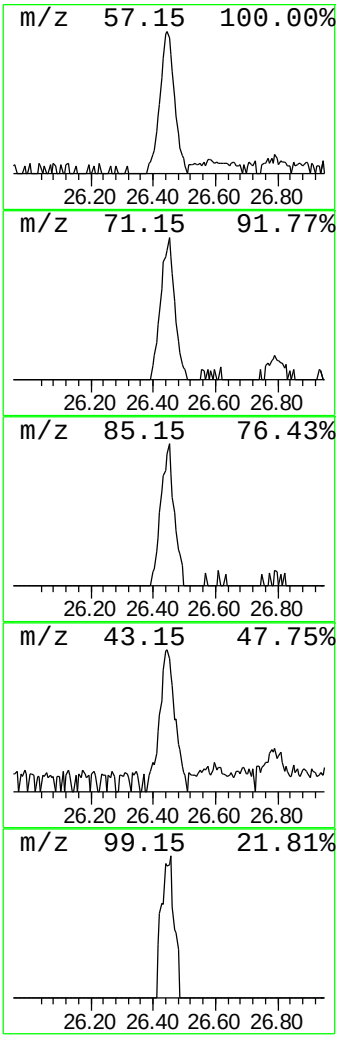
****

Peak Number 12 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.45	2.53 ng	45593	Perylene-d12	25.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	80
2	Heptadecane	240	C17H36	000629-78-7	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Tetratriacontane	479	C34H70	014167-59-0	68
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021916\
Data File : BG020997.D
Acq On : 20 Feb 2016 7:23
Operator : SJ/UM
Sample : H1520-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 40053(0-2)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021116.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
unknown3.09	3.09	70.0	ng	337137	1	8.26	96284	20.0
Butane, 2-methoxy...	3.32	2.2	ng	10397	1	8.26	96284	20.0
2-Pentanone, 4-hy...	5.31	17.1	ng	82127	1	8.26	96284	20.0
unknown7.79	7.79	114.9	ng	553075	1	8.26	96284	20.0
Hexanoic acid, 2-...	9.52	2.2	ng	10505	1	8.26	96284	20.0
Dodecane, 2-methyl-	15.68	2.4	ng	35867	3	14.87	301678	20.0
10-Methylnonadecane	16.54	3.0	ng	50886	4	17.61	338928	20.0
Dichloroacetic ac...	21.49	3.5	ng	64793	5	21.89	374480	20.0
Nonadecane, 9-met...	24.26	2.5	ng	45826	6	25.25	360373	20.0
Heneicosane	26.45	2.5	ng	45593	6	25.25	360373	20.0