LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

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-BG060616.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	2.966	17	22	36	rVB	382218	607686	45.72%	7.522%
2	5.176	392	398	407	rVB3	14973	29129	2.19%	0.361%
3	5.657	472	480	494	rBV	243548	463429	34.87%	5.736%
4	7.267	746	754	771	rBV	265157	531033	39.96%	6.573%
5	7.637	809	817	829	rBV	288147	547508	41.19%	6.777%
6	8.108	888	897	906	rBV	69101	131005	9.86%	1.622%
7	8.431	944	952	961	rBV	210528	408380	30.73%	5.055%
8	9.283	1089	1097	1108	rBV	135132	300708	22.63%	3.722%
9	10.928	1369	1377	1388	rBV	100545	214187	16.12%	2.651%
10	13.360	1783	1791	1800	rBV	475977	826608	62.19%	10.231%
11	14.183	1925	1931	1939	rBV	87156	139986	10.53%	1.733%
12	14.741	2019	2026	2038	rBV2	187181	339047	25.51%	4.197%
13	16.227	2272	2279	2290	rBV	355610	597224	44.94%	7.392%
14	17.485	2486	2493	2506	rBV2	242151	432323	32.53%	5.351%
15	19.529	2834	2841	2847	rBV	10692	18868	1.42%	0.234%
16	19.753	2874	2879	2884	rBV	52711	64991	4.89%	0.804%
17	19.864	2895	2898	2901	rBV4	15147	21573	1.62%	0.267%
18	20.076	2928	2934	2955	rBV	905047	1329073	100.00%	16.450%
19	20.787	3052	3055	3061	rVB	39559	49603	3.73%	0.614%
20	20.851	3062	3066	3070	rBV5	12156	15677	1.18%	0.194%
21	21.368	3149	3154	3162	rVB4	26770	49669	3.74%	0.615%
22	21.756	3213	3220	3237	rBV	247564	486293	36.59%	6.019%
23	21.915	3243	3247	3252	rVB5	8879	14606	1.10%	0.181%
24	23.237	3467	3472	3478	rVB8	6976	15706	1.18%	0.194%
25	25.052	3769	3781	3794	rBV2	134684	444924	33.48%	5.507%

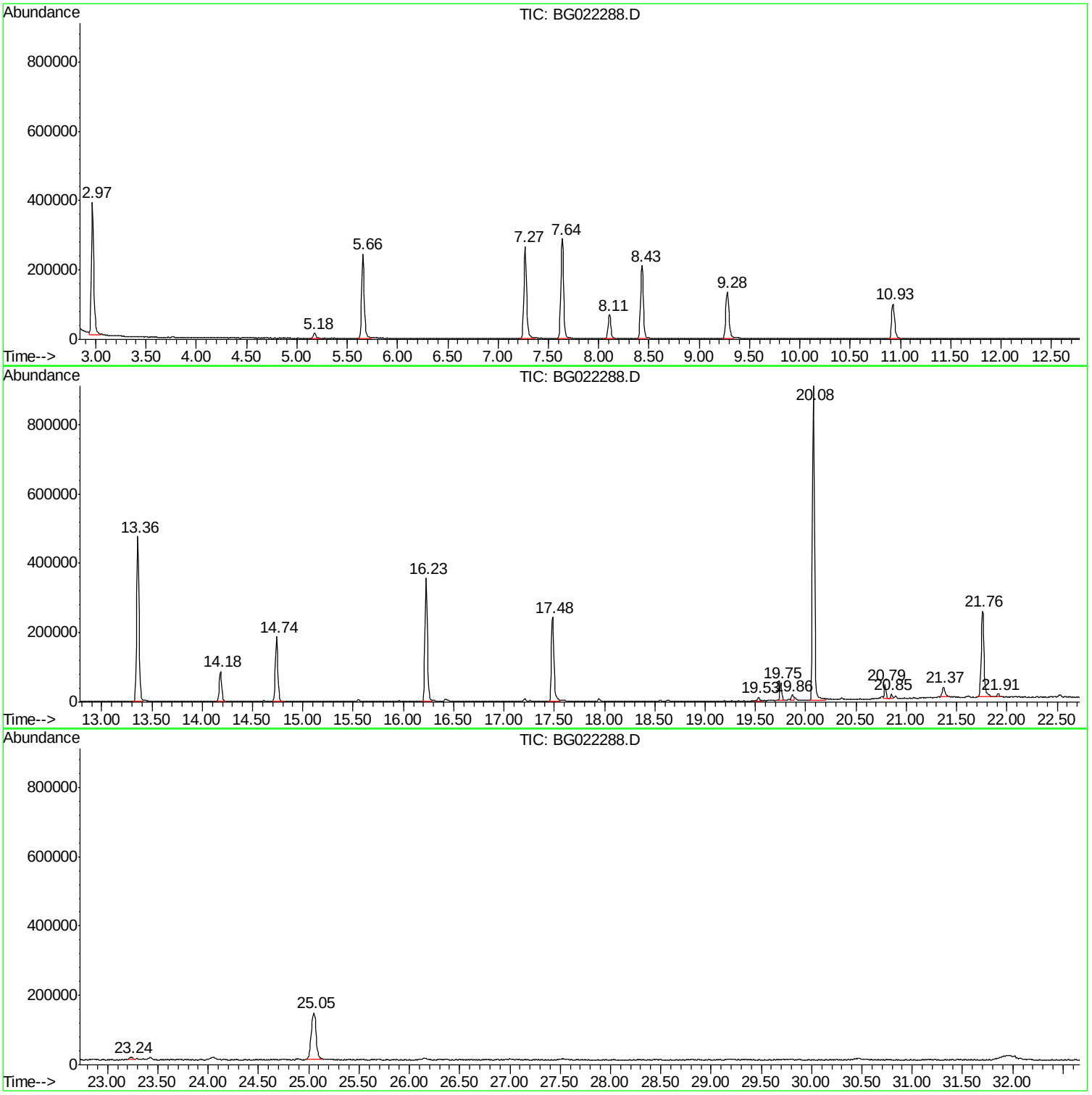
Sum of corrected areas: 8079236

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

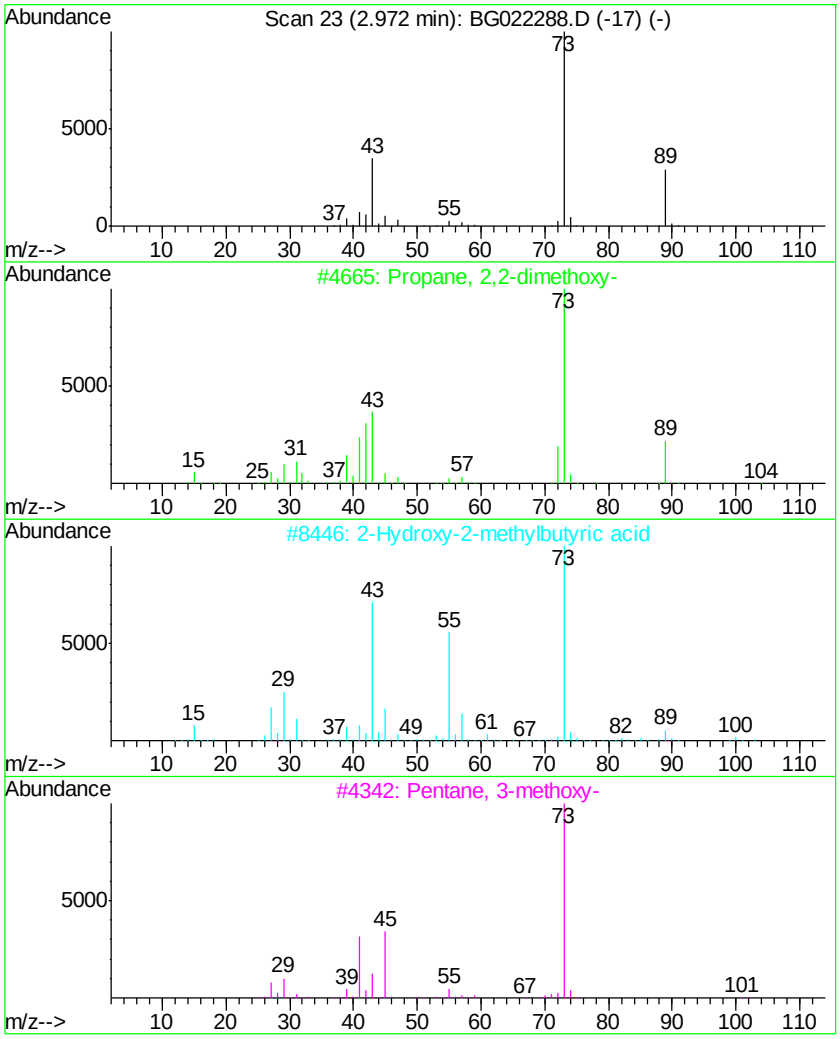
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

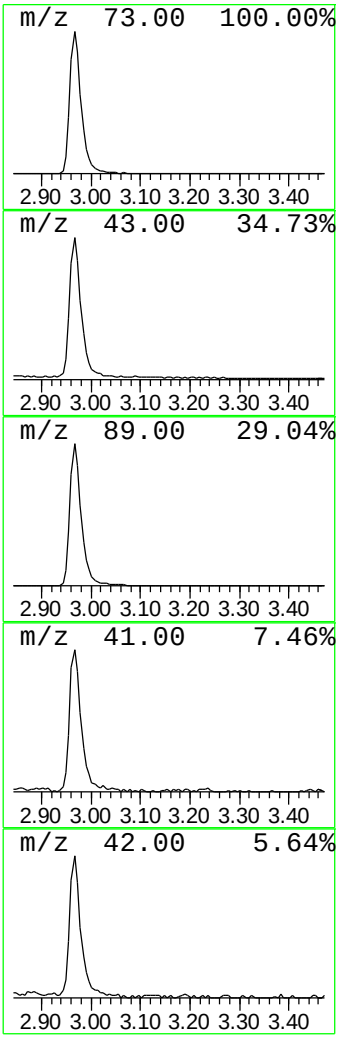
****

Peak Number 1 unknown2.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.97	92.77 ng	607686	1,4-Dichlorobenzene-d4	8.11

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	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	7
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

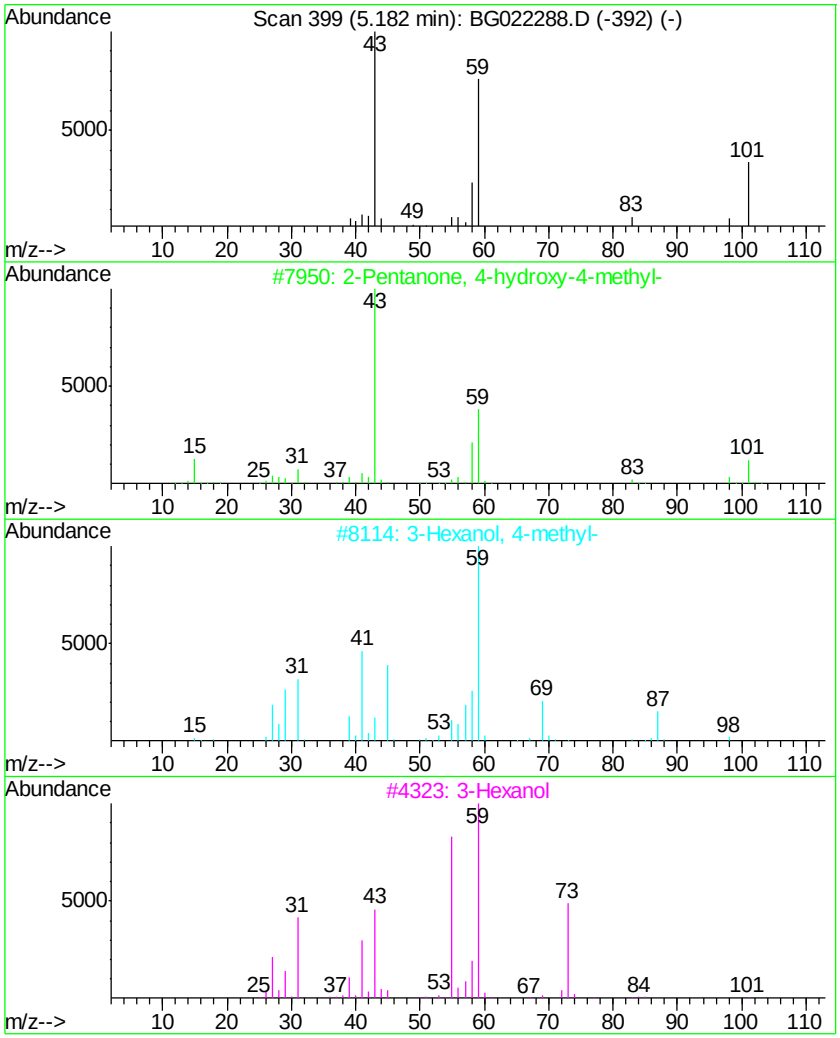
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

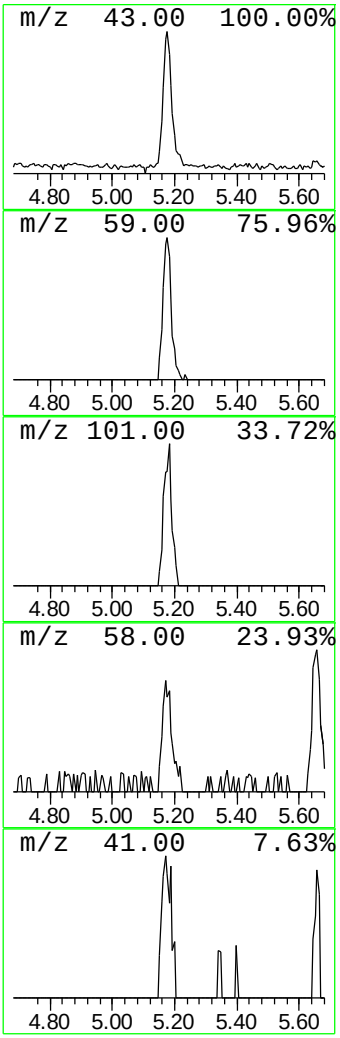
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	4.45 ng	29129	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
3	3-Hexanol	102	C6H14O	000623-37-0	25
4	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

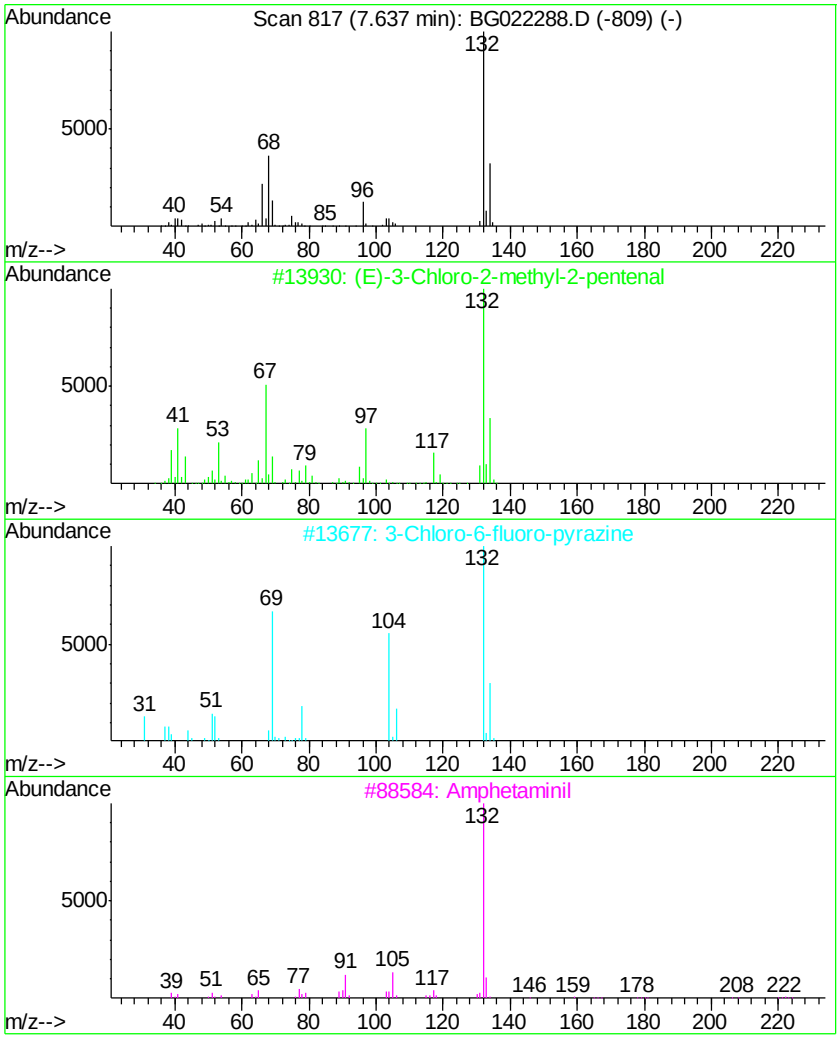
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

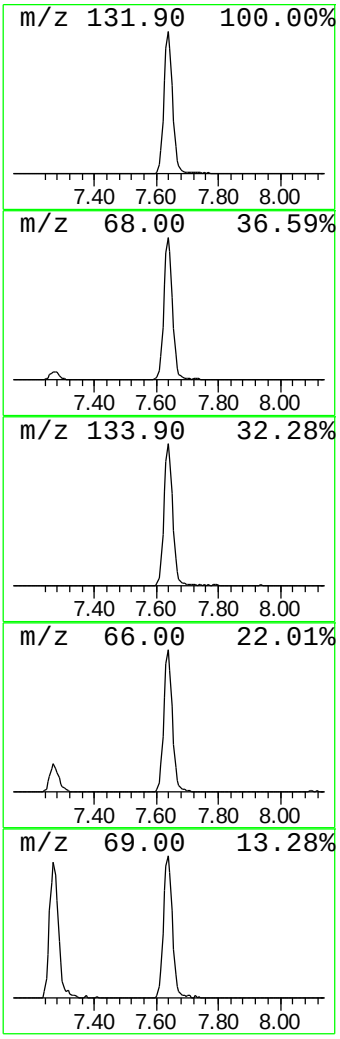
****

Peak Number 3 unknown7.64 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	83.59 ng	547508	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	38
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

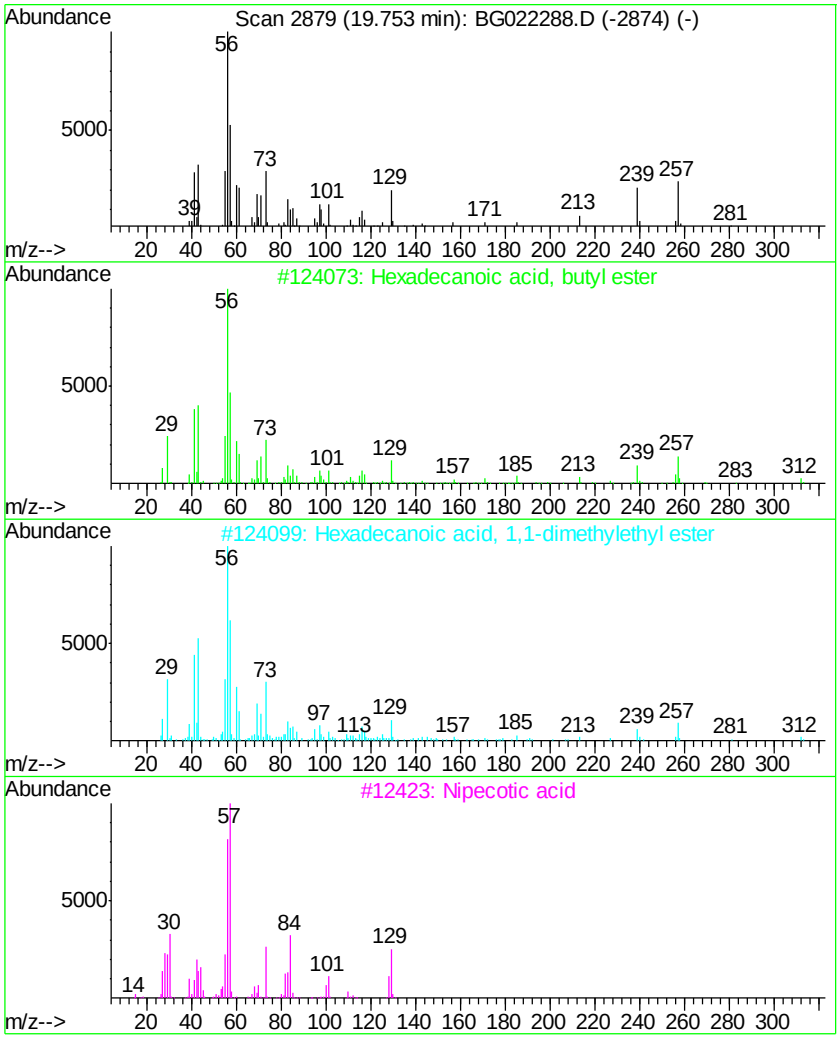
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

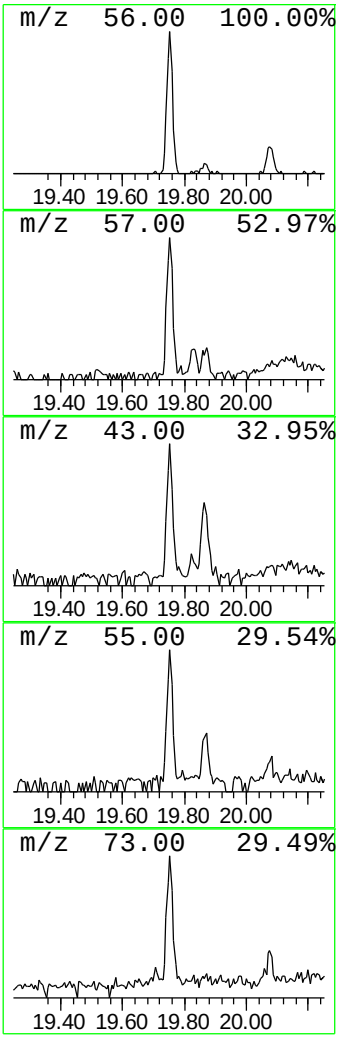
****

Peak Number 5 Hexadecanoic acid, butyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.75	2.67 ng	64991	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	58
3	Nipecotic acid	129	C6H11NO2	000498-95-3	37
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32
5	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	25





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

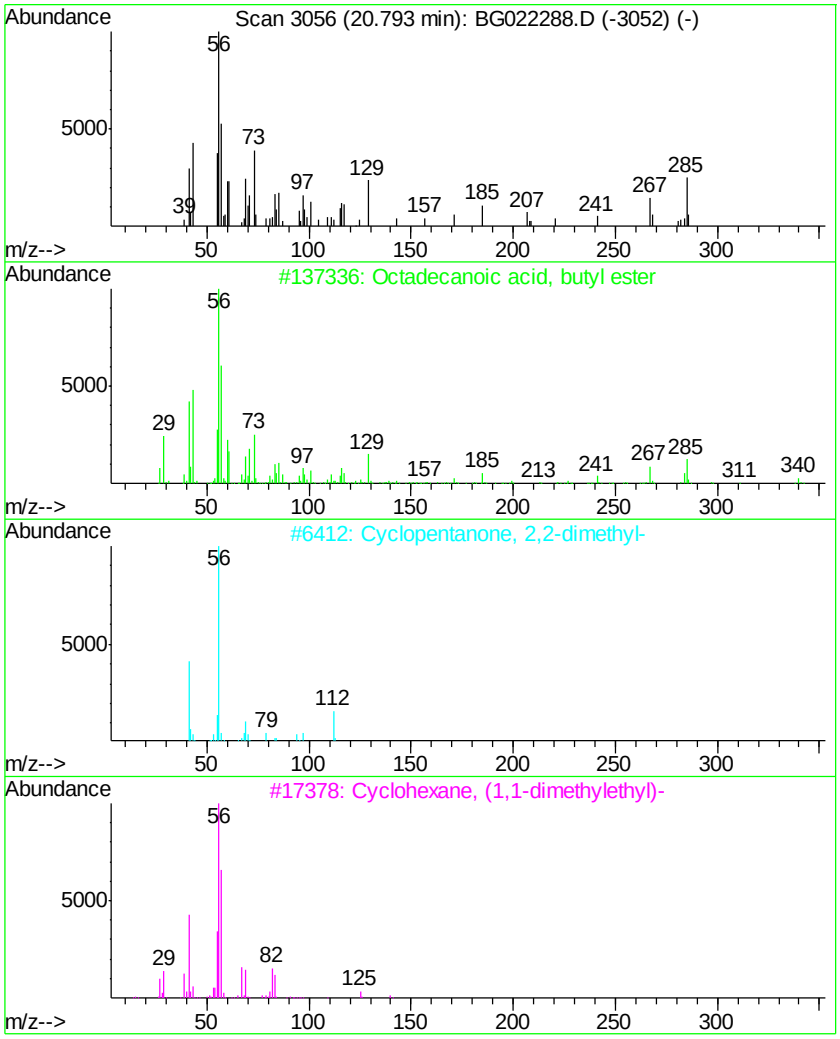
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

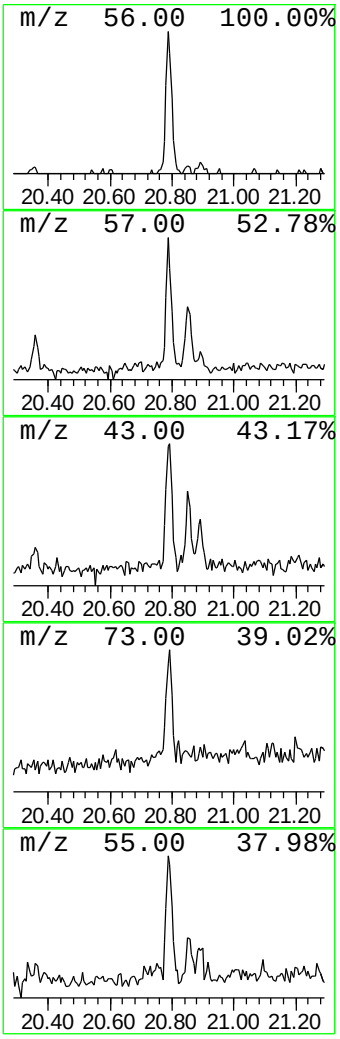
****

Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	2.04 ng	49603	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	83
2	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	30
3	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	27
4	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	27
5	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	27





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

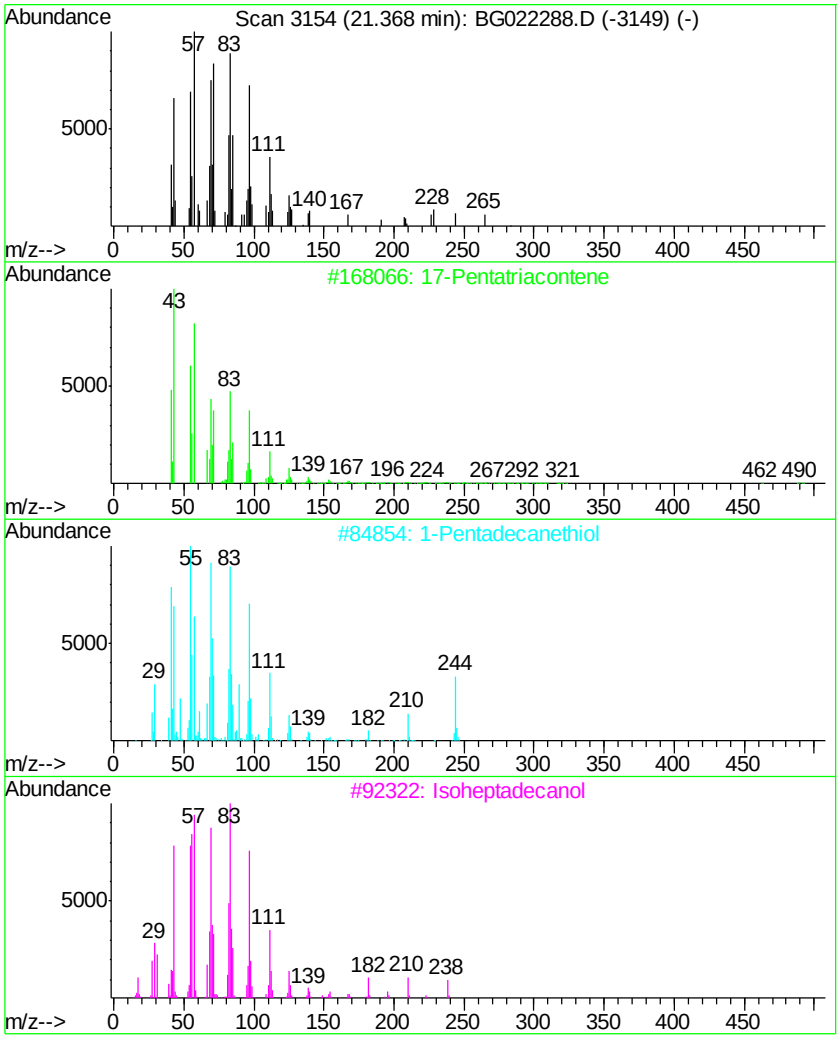
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

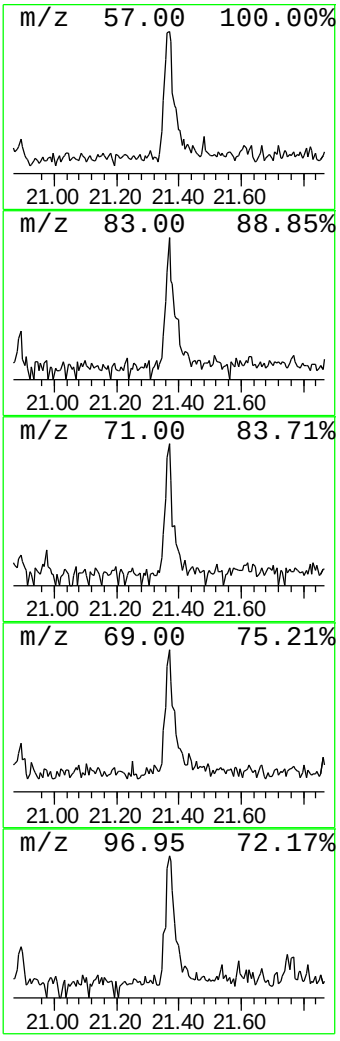
****

Peak Number 7 17-Pentatriacontene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.04 ng	49669	Chrysene-d12	21.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	86
2	1-Pentadecanethiol	244	C15H32S	025276-70-4	76
3	Isoheptadecanol	256	C17H36O	057289-07-3	76
4	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	64
5	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061016\
Data File : BG022288.D
Acq On : 10 Jun 2016 15:03
Operator : UM/SJ
Sample : H3438-12
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-07-COMP

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.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
unknown2.97	2.97	92.8	ng	607686	1	8.11	131005	20.0
2-Pentanone, 4-hy...	5.18	4.5	ng	29129	1	8.11	131005	20.0
unknown7.64	7.64	83.6	ng	547508	1	8.11	131005	20.0
Hexadecanoic acid...	19.75	2.7	ng	64991	5	21.76	486293	20.0
Octadecanoic acid...	20.79	2.0	ng	49603	5	21.76	486293	20.0
17-Pentatriacontene	21.37	2.0	ng	49669	5	21.76	486293	20.0