LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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	2.788	12	17	36	rVV	2579655	3301965	100.00%	13.726%
2	2.923	36	40	49	rVV2	153232	275866	8.35%	1.147%
3	3.006	49	54	58	rVV	296910	400123	12.12%	1.663%
4	3.047	59	61	67	rVB2	35192	41312	1.25%	0.172%
5	4.921	374	380	388	rVB2	104316	166293	5.04%	0.691%
6	5.379	450	458	471	rBV	961835	1405611	42.57%	5.843%
7	6.966	721	728	735	rBV	1025605	1607174	48.67%	6.681%
8	7.330	784	790	797	rBV	966094	1517313	45.95%	6.307%
9	7.800	864	870	877	rBV	278316	436222	13.21%	1.813%
10	8.123	917	925	932	rBV	622690	1029481	31.18%	4.279%
11	8.958	1059	1067	1076	rBV	569229	961575	29.12%	3.997%
12	10.591	1338	1345	1352	rVB	399110	647913	19.62%	2.693%
13	13.059	1759	1765	1772	rVB	1429087	2069481	62.67%	8.603%
14	13.893	1902	1907	1912	rBV	72114	102686	3.11%	0.427%
15	14.439	1991	2000	2006	rBV2	583692	914890	27.71%	3.803%
16	15.920	2247	2252	2262	rBV	1210922	1745751	52.87%	7.257%
17	16.155	2289	2292	2301	rBV3	30510	44767	1.36%	0.186%
18	17.183	2461	2467	2473	rBV	827208	1147356	34.75%	4.769%
19	18.076	2613	2619	2628	rBV3	98544	157836	4.78%	0.656%
20	19.357	2832	2837	2844	rBV5	43433	68320	2.07%	0.284%
21	19.616	2873	2881	2887	rBV6	19478	36370	1.10%	0.151%
22	19.810	2908	2914	2925	rBV	2809839	3212793	97.30%	13.355%
23	21.073	3124	3129	3137	rBV	217046	312316	9.46%	1.298%
24	21.361	3172	3178	3184	rBV	950500	1201292	36.38%	4.994%
25	23.558	3548	3552	3558	rVB5	25000	47534	1.44%	0.198%
26	23.664	3563	3570	3581	rBV2	601093	1162423	35.20%	4.832%
27	24.340	3681	3685	3690	rVB6	27762	41589	1.26%	0.173%

Sum of corrected areas: 24056252

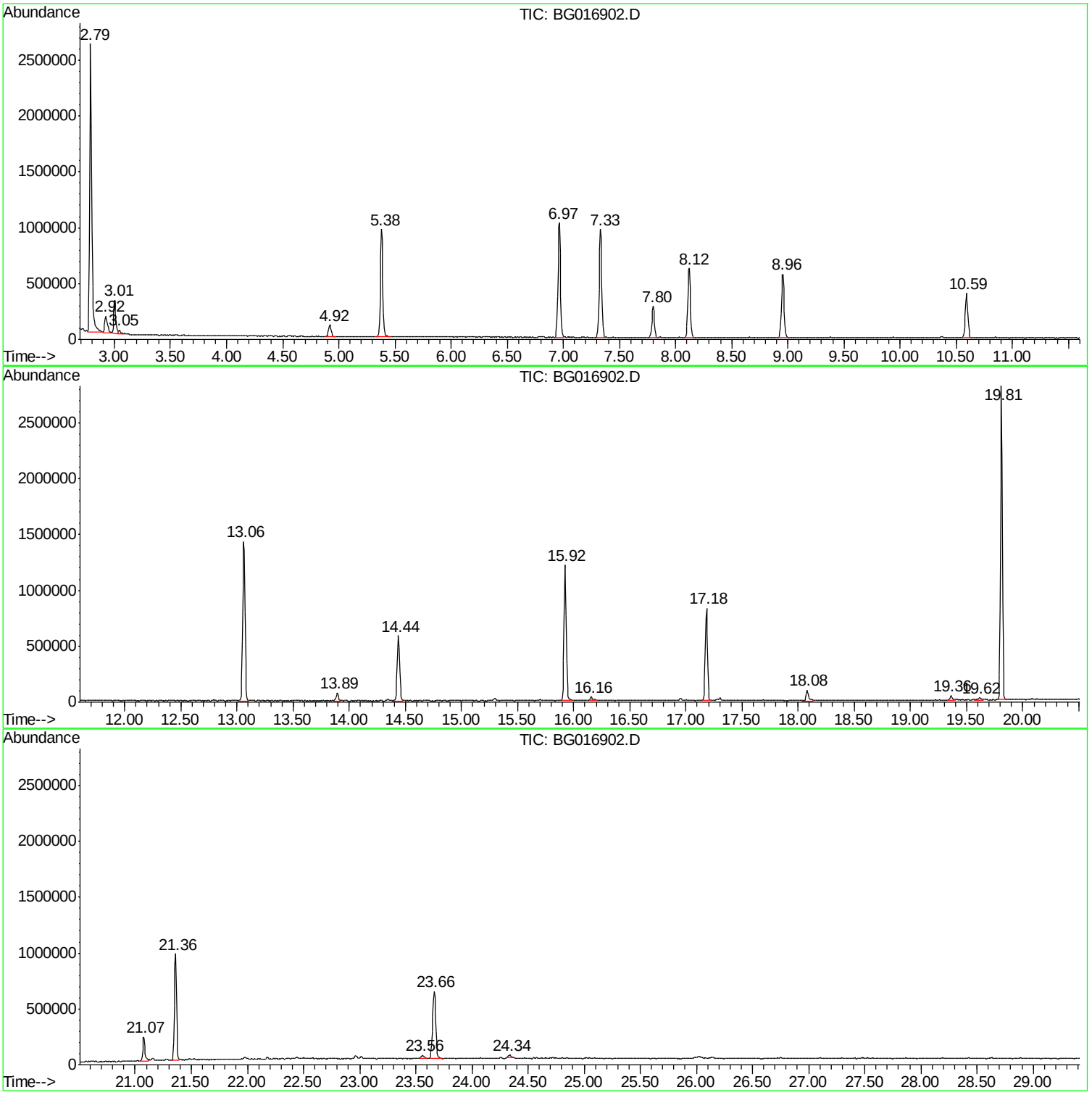
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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

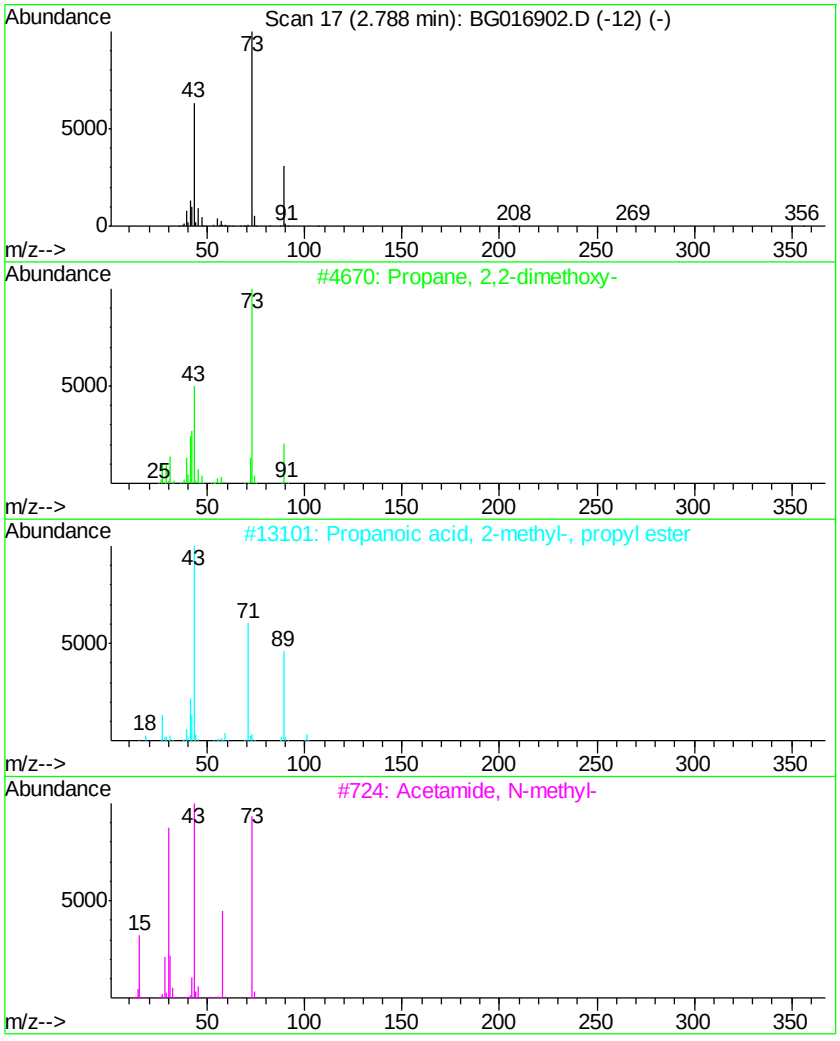
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

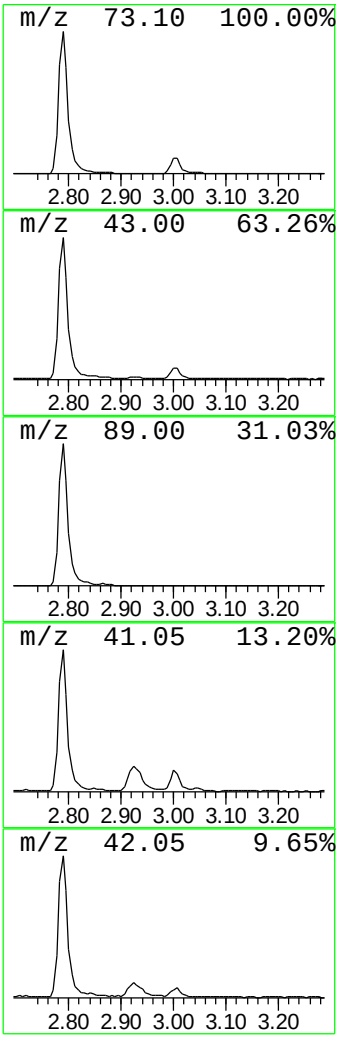
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	151.39 ng	3301970	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	64
2	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	7





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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

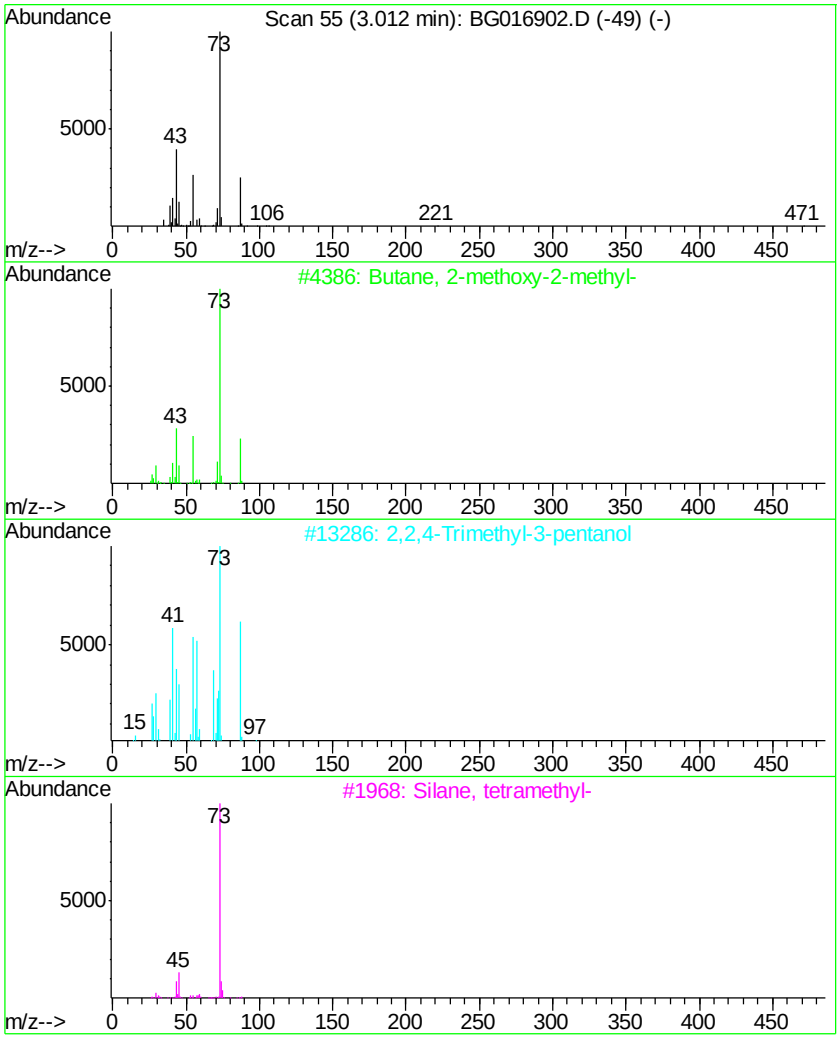
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

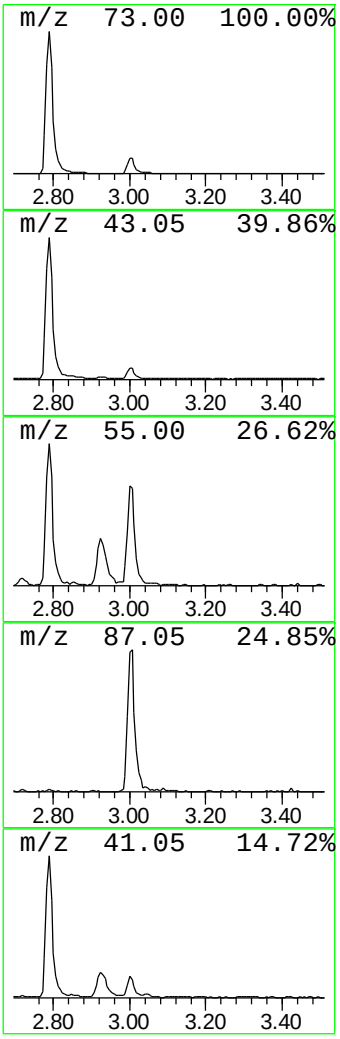
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	18.34 ng	400123	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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

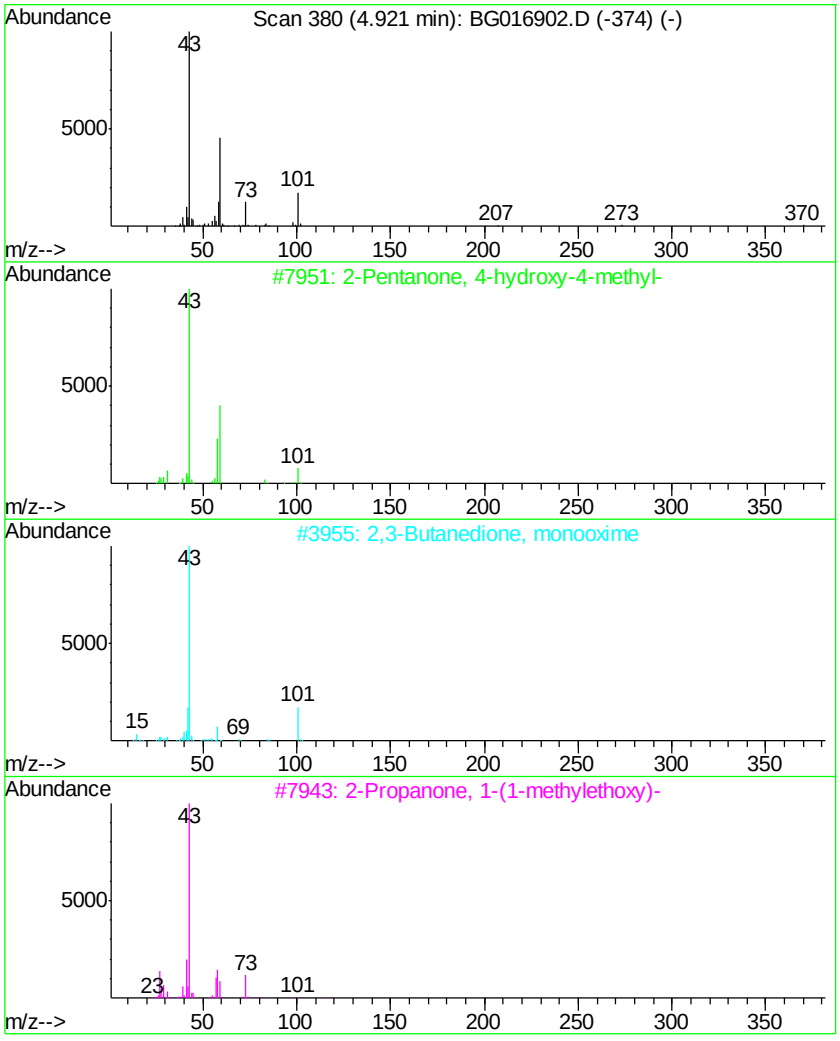
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

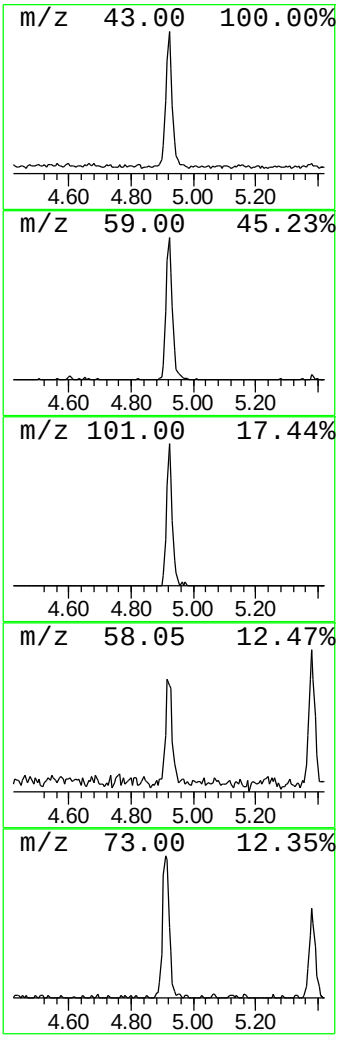
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.92	7.62 ng	166293	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	16
4	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	9
5	Acetamide, N-(aminocarbonyl)-	102	C3H6N2O2	000591-07-1	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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

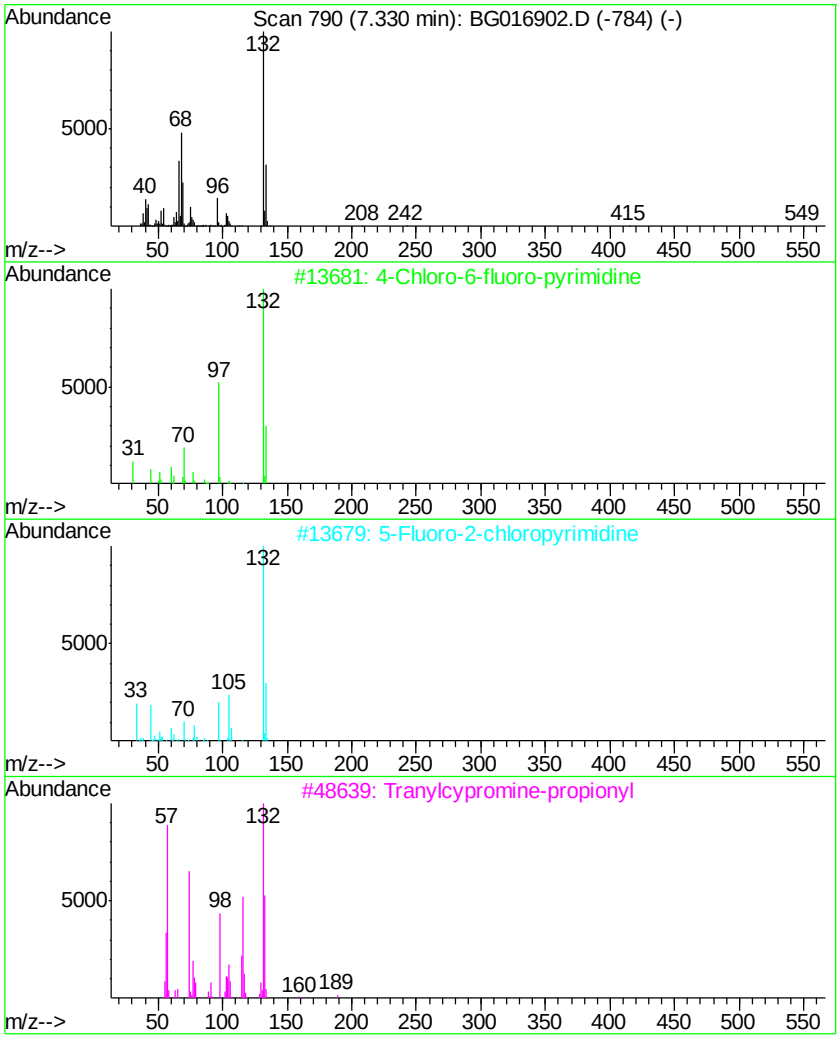
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

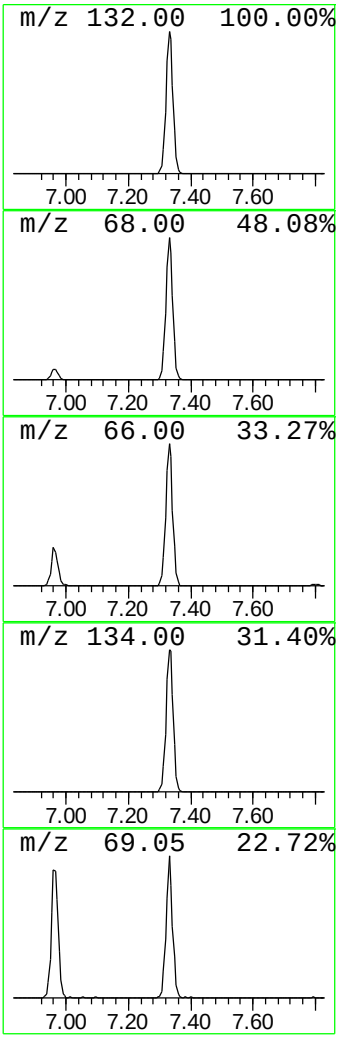
****

Peak Number 5 unknown7.33 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.33	69.57 ng	1517310	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	16





Data Path : Z:\HPCHEM1\BNA G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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

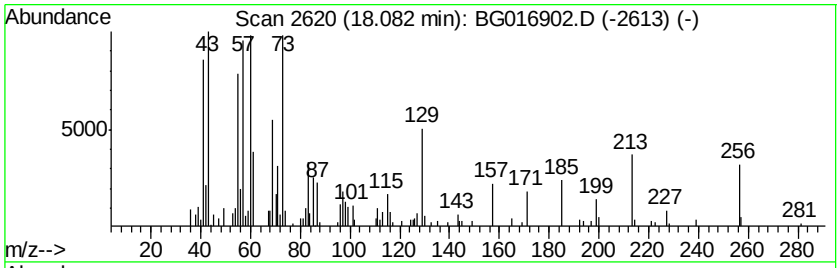
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

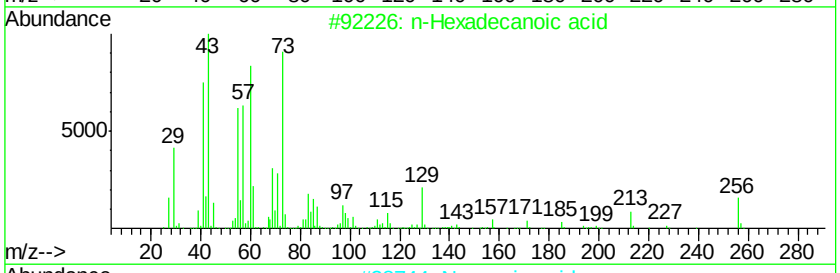
****

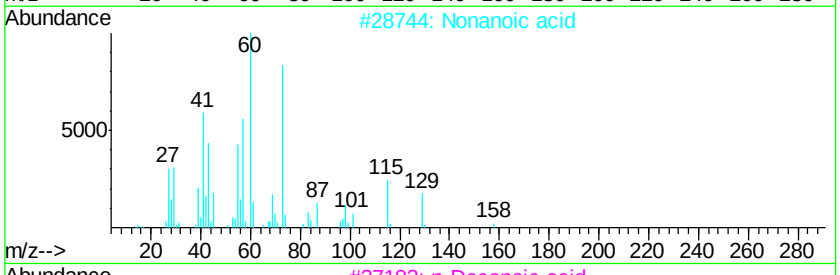
Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

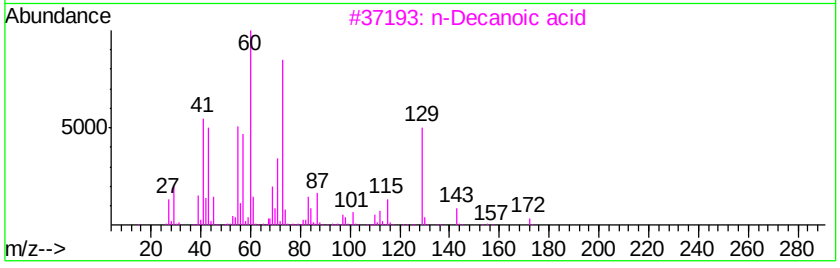
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	2.75 ng	157836	Phenanthrene-d10	17.18

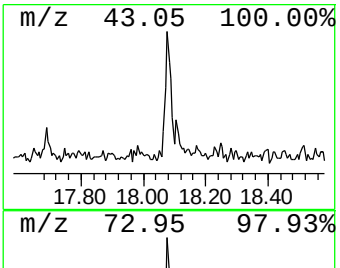
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Nonanoic acid	158	C9H18O2	000112-05-0	38
3	n-Decanoic acid	172	C10H20O2	000334-48-5	30
4	Tetratetracontane	619	C44H90	007098-22-8	11
5	Tritetracontane	605	C43H88	007098-21-7	11

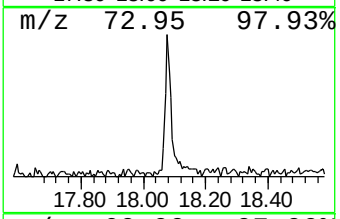


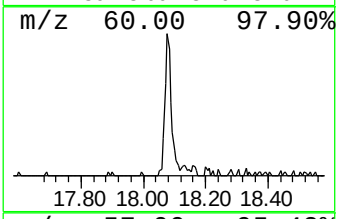


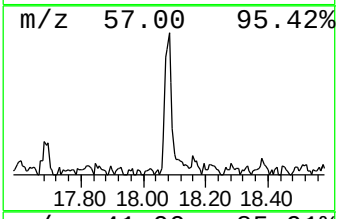


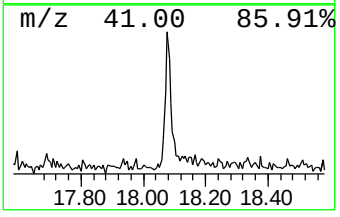












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Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
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Instrument : BNA_G
ClientSampleId : 11

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

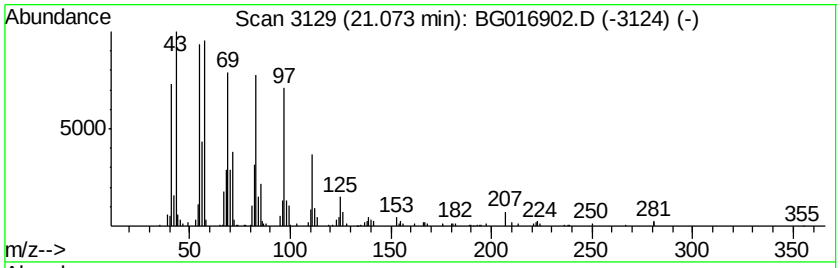
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

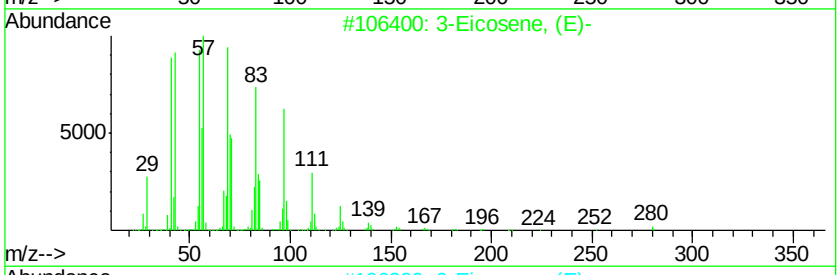
****

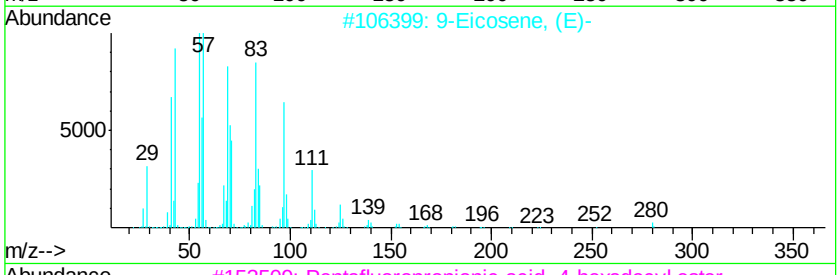
Peak Number 8 3-Eicosene, (E)- Concentration Rank 7

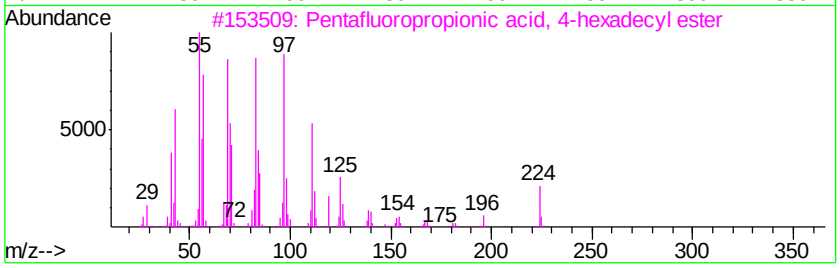
R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	5.20 ng	312316	Chrysene-d12	21.36

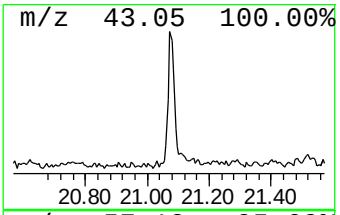
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	Pentafluoropropionic acid, 4-hex...	388	C19H33F5O2	1000283-04-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	89

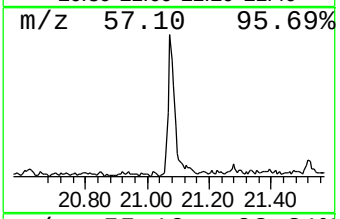


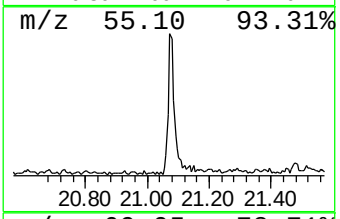


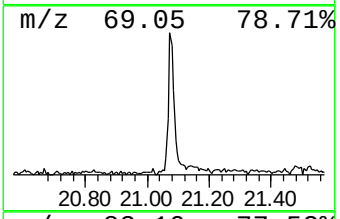


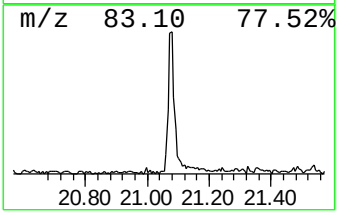












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG050615\
Data File : BG016902.D
Acq On : 6 May 2015 16:44
Operator : TP/IZ
Sample : G2084-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 11

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
Propane, 2,2-dime...	2.79	151.4	ng	3301970	1	7.80	436222	20.0
Butane, 2-methoxy...	3.01	18.3	ng	400123	1	7.80	436222	20.0
2-Pentanone, 4-hy...	4.92	7.6	ng	166293	1	7.80	436222	20.0
unknown7.33	7.33	69.6	ng	1517310	1	7.80	436222	20.0
n-Hexadecanoic acid	18.08	2.8	ng	157836	4	17.18	1147360	20.0
3-Eicosene, (E)-	21.07	5.2	ng	312316	5	21.36	1201290	20.0