LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

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-BG120215.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	2.979	19	24	44	rVB	1300899	1864346	100.00%	18.796%
2	5.171	392	397	404	rBV	71748	108544	5.82%	1.094%
3	5.647	471	478	489	rBV	320617	496198	26.62%	5.002%
4	7.251	743	751	762	rBV	343712	580589	31.14%	5.853%
5	7.627	807	815	824	rVB	331160	547666	29.38%	5.521%
6	8.097	888	895	902	rBV	65259	108869	5.84%	1.098%
7	8.426	943	951	958	rBV	231963	402496	21.59%	4.058%
8	9.266	1087	1094	1101	rVB	203922	353024	18.94%	3.559%
9	10.917	1368	1375	1383	rVB	88074	159173	8.54%	1.605%
10	13.355	1782	1790	1798	rBV	596976	923580	49.54%	9.311%
11	14.172	1923	1929	1935	rVB	80138	109366	5.87%	1.103%
12	14.730	2017	2024	2030	rVB2	157722	260155	13.95%	2.623%
13	15.559	2160	2165	2169	rBV	15205	19956	1.07%	0.201%
14	16.211	2266	2276	2288	rBV	611547	905449	48.57%	9.128%
15	16.416	2305	2311	2314	rBV	17663	24750	1.33%	0.250%
16	17.468	2484	2490	2496	rBV2	249935	360623	19.34%	3.636%
17	18.338	2634	2638	2647	rBV2	41293	56446	3.03%	0.569%
18	19.196	2778	2784	2791	rBV3	30854	48699	2.61%	0.491%
19	20.071	2927	2933	2938	rBV	1306693	1633093	87.60%	16.464%
20	20.829	3054	3062	3067	rBV6	9155	21131	1.13%	0.213%
21	21.364	3148	3153	3165	rVB2	57120	90894	4.88%	0.916%
22	21.740	3210	3217	3223	rVB	265277	437893	23.49%	4.415%
23	25.006	3761	3773	3786	rBV	143953	406093	21.78%	4.094%

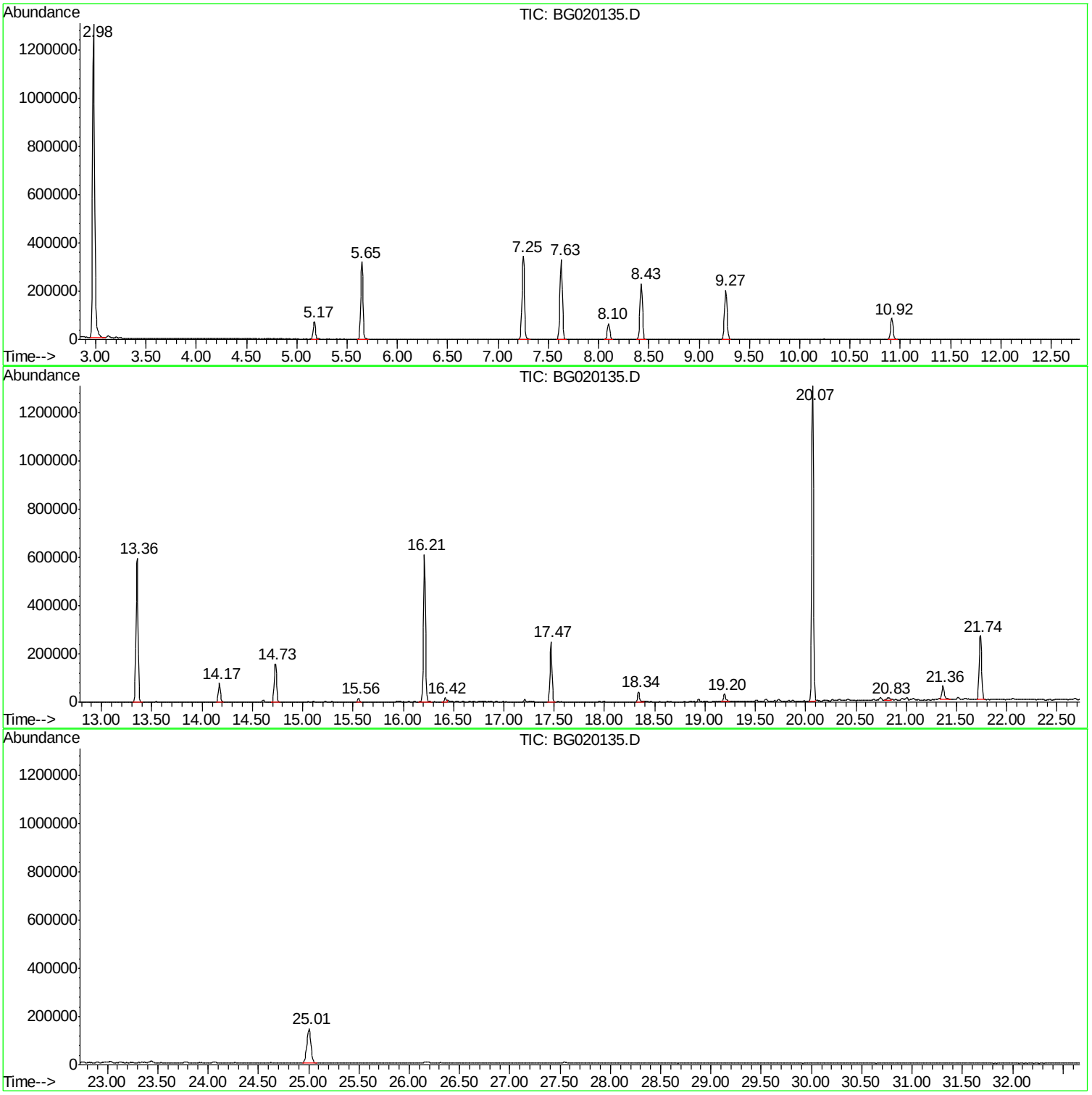
Sum of corrected areas: 9919033

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

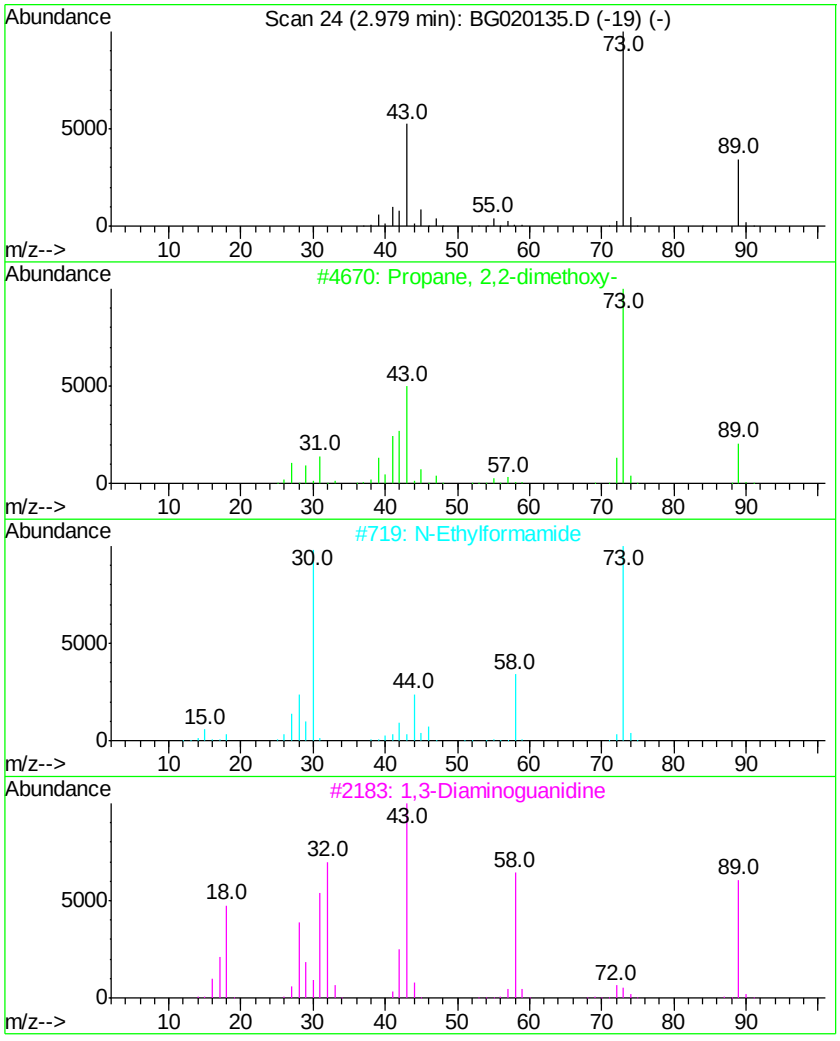
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

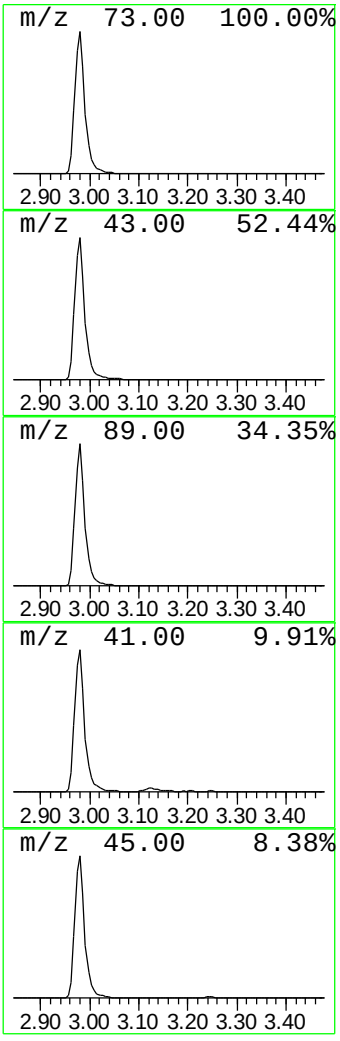
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	342.49 ng	1864350	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

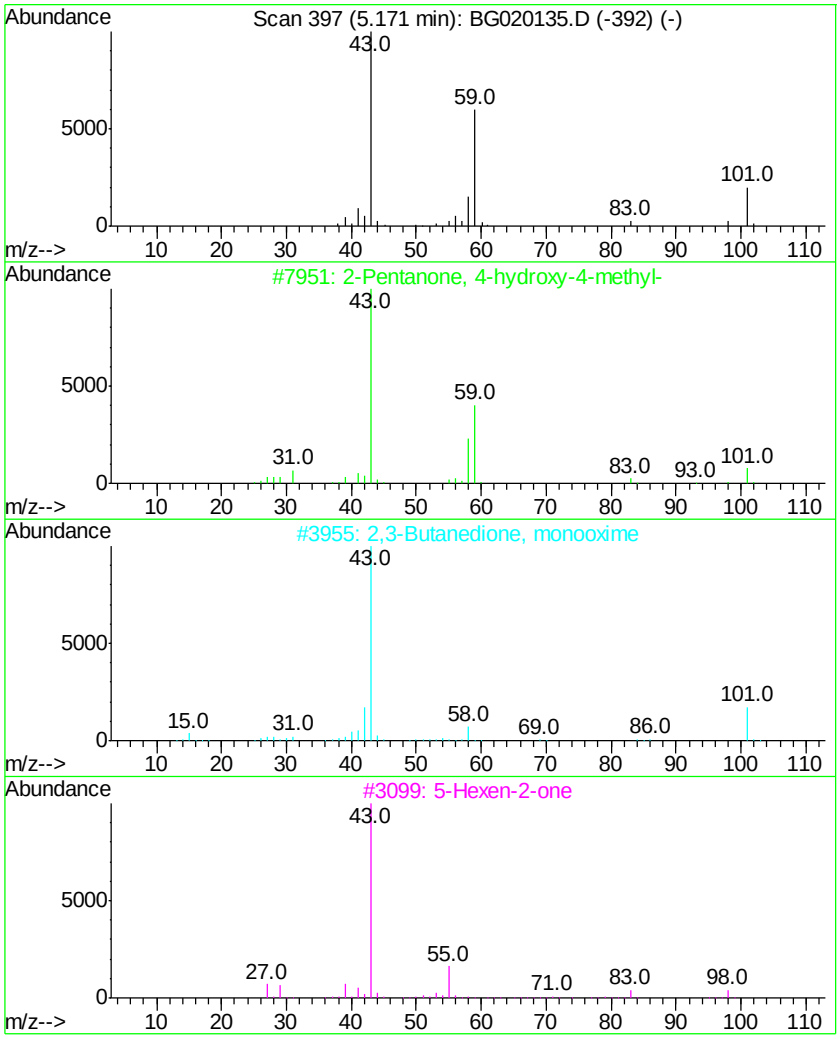
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

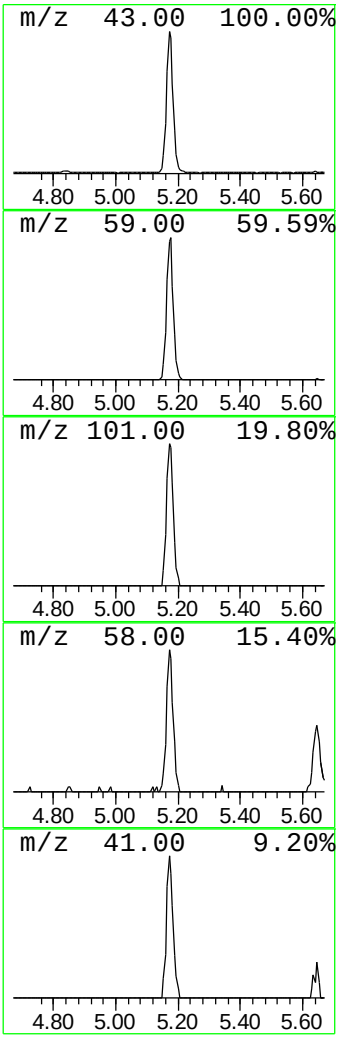
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	19.94 ng	108544	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

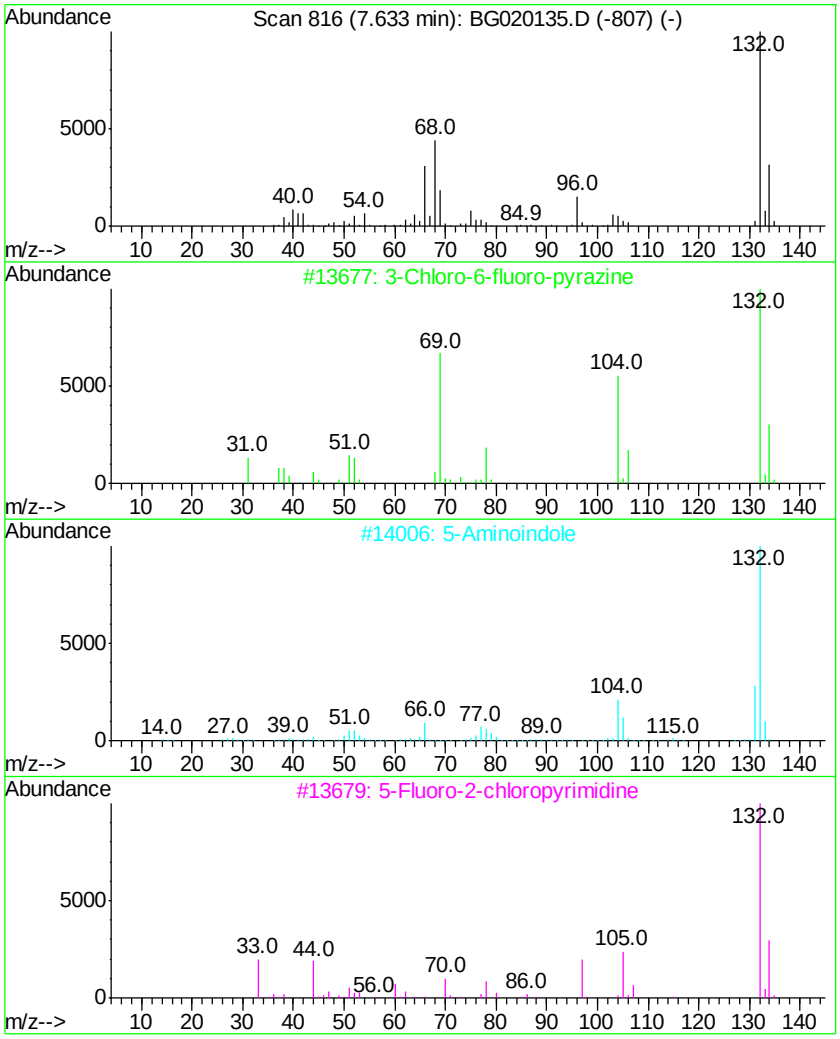
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

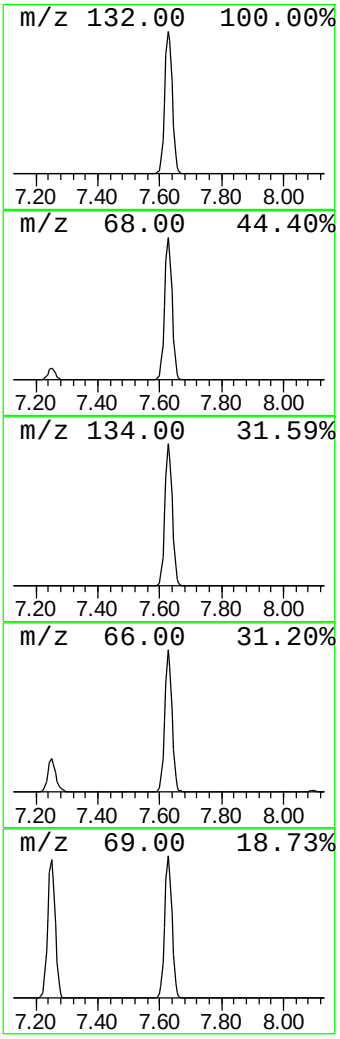
****

Peak Number 3 unknown7.63 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.63	100.61 ng	547666	1,4-Dichlorobenzene-d4	8.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

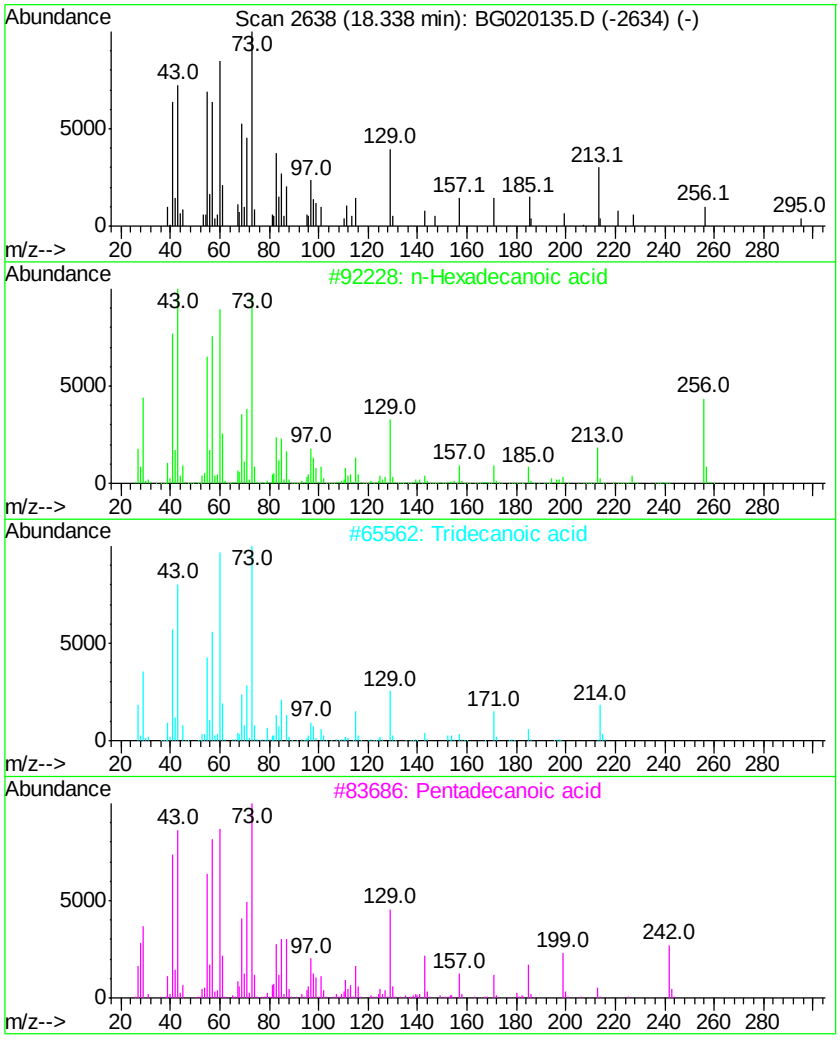
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

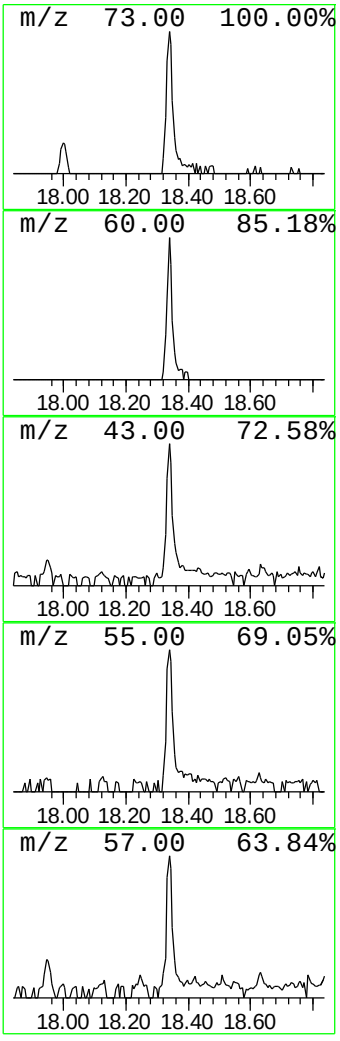
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.13 ng	56446	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Undecanoic acid	186	C11H22O2	000112-37-8	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

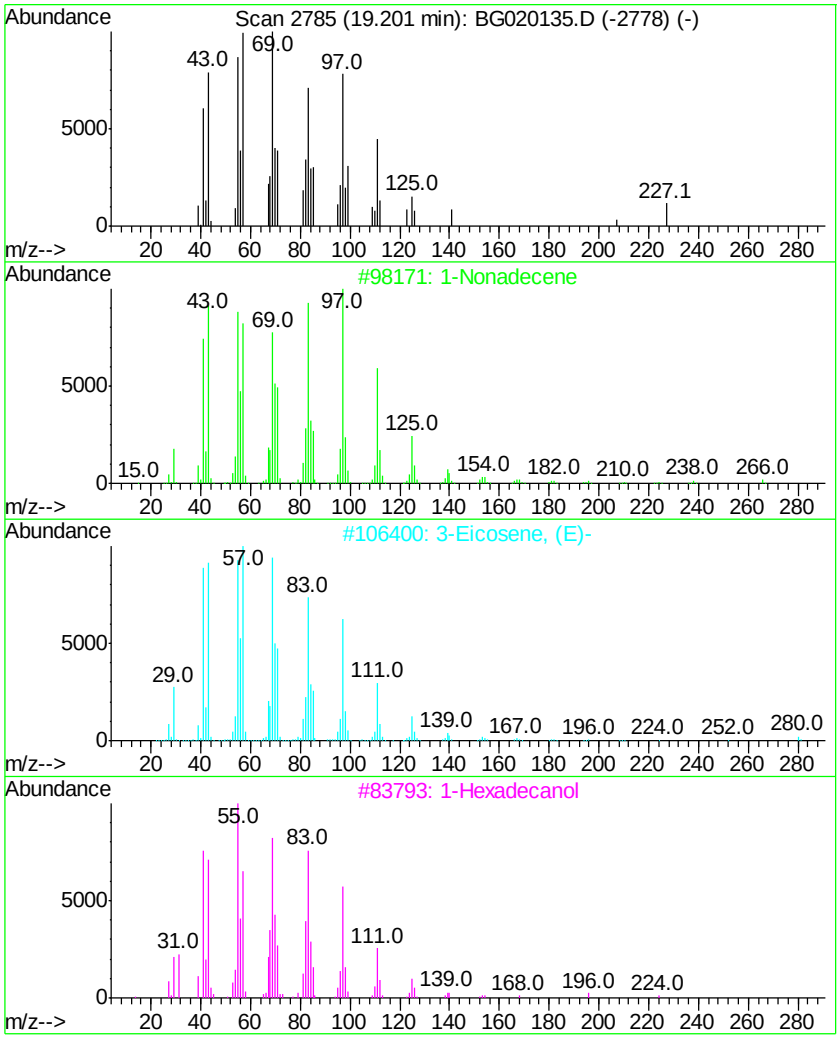
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

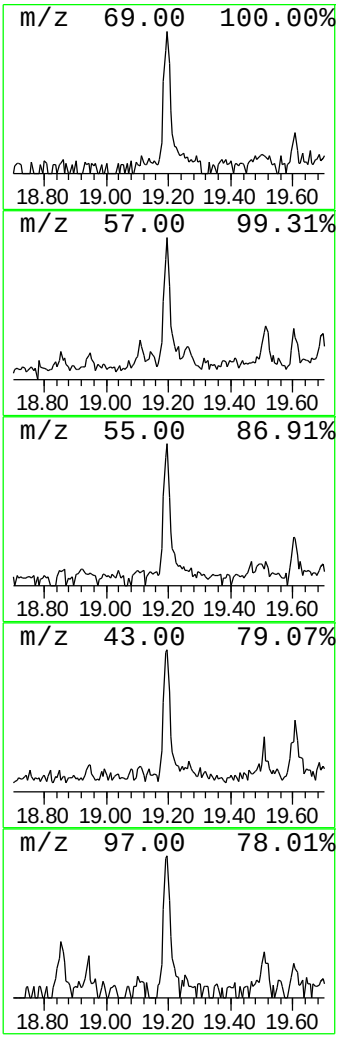
****

Peak Number 6 1-Nonadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	2.70 ng	48699	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

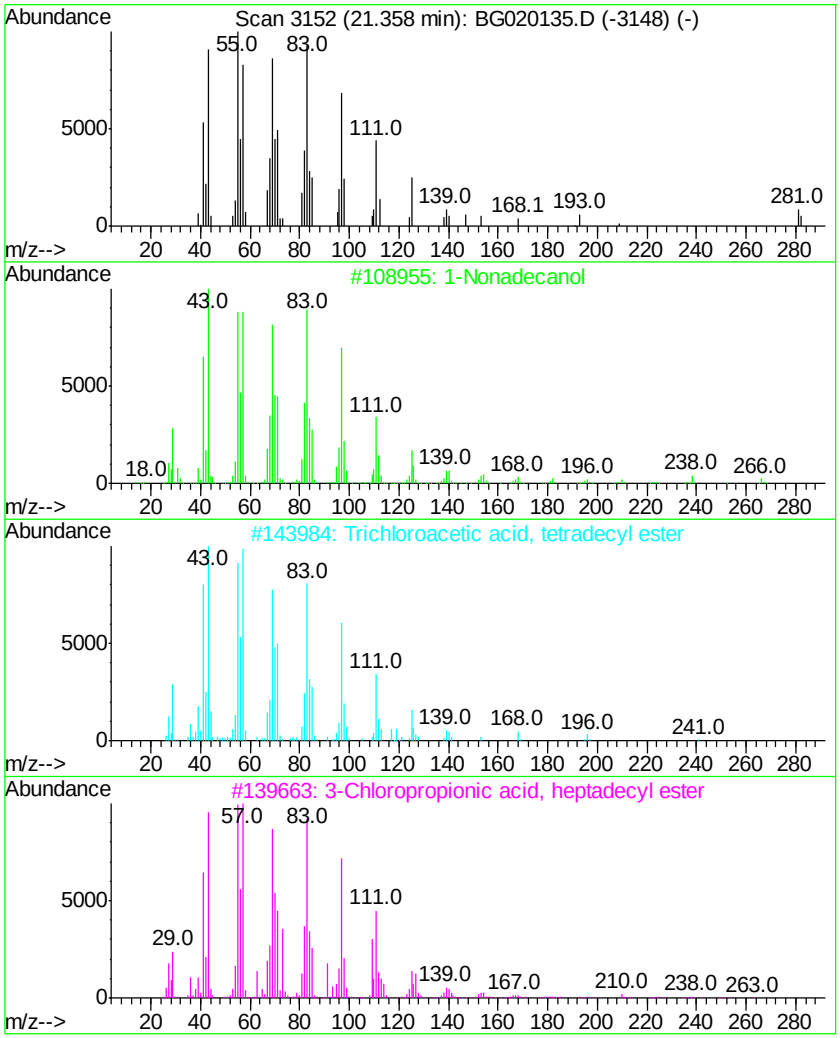
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

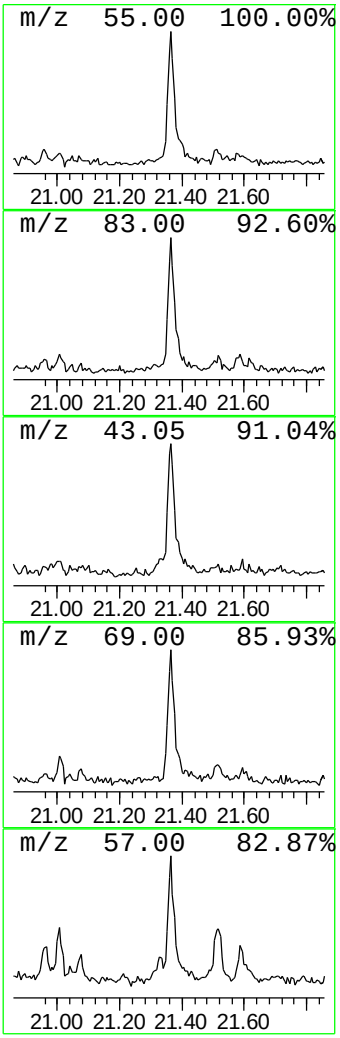
****

Peak Number 7 1-Nonadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.36	4.15 ng	90894	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecanol	284	C19H40O	001454-84-8	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121215\
Data File : BG020135.D
Acq On : 12 Dec 2015 9:46
Operator : UM/SJ
Sample : G4772-03
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VITALE-FILL-SOURCE-5A

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.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...	2.98	342.5	ng	1864350	1	8.10	108869	20.0
2-Pentanone, 4-hy...	5.17	19.9	ng	108544	1	8.10	108869	20.0
unknown7.63	7.63	100.6	ng	547666	1	8.10	108869	20.0
n-Hexadecanoic acid	18.34	3.1	ng	56446	4	17.47	360623	20.0
1-Nonadecene	19.20	2.7	ng	48699	4	17.47	360623	20.0
1-Nonadecanol	21.36	4.2	ng	90894	5	21.74	437893	20.0