LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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	5.632	392	399	410	rVB	284234	471899	10.20%	2.638%
2	7.212	659	668	680	rBV	199654	380607	8.22%	2.127%
3	7.588	724	732	739	rBV	537207	928172	20.06%	5.188%
4	8.053	803	811	818	rVB	173357	295411	6.38%	1.651%
5	8.376	859	866	876	rVB	786393	1390621	30.05%	7.773%
6	9.216	1000	1009	1017	rBV	640428	1142069	24.68%	6.384%
7	10.860	1280	1289	1297	rBV	197109	357981	7.74%	2.001%
8	13.298	1697	1704	1714	rBV	1784445	2812812	60.78%	15.723%
9	14.121	1839	1844	1851	rBV2	68919	99398	2.15%	0.556%
10	14.673	1932	1938	1946	rBV2	334544	543462	11.74%	3.038%
11	15.959	2152	2157	2164	rVB	67505	83045	1.79%	0.464%
12	16.159	2184	2191	2200	rBV	1025057	1515566	32.75%	8.471%
13	17.416	2396	2405	2413	rBV	472544	715734	15.47%	4.001%
14	18.297	2548	2555	2565	rBV2	92882	139531	3.02%	0.780%
15	19.566	2767	2771	2776	rBV2	61986	81918	1.77%	0.458%
16	20.025	2843	2849	2856	rBV	3573839	4627745	100.00%	25.867%
17	21.335	3065	3072	3080	rBV3	35168	82383	1.78%	0.460%
18	21.681	3124	3131	3141	rBV2	526641	898811	19.42%	5.024%
19	22.486	3262	3268	3273	rBV3	31821	59938	1.30%	0.335%
20	23.179	3378	3386	3392	rBV4	50434	96870	2.09%	0.541%
21	23.978	3517	3522	3531	rBV4	50695	113127	2.44%	0.632%
22	24.900	3670	3679	3694	rVB2	302110	942954	20.38%	5.271%
23	26.063	3868	3877	3887	rVB5	39896	110278	2.38%	0.616%

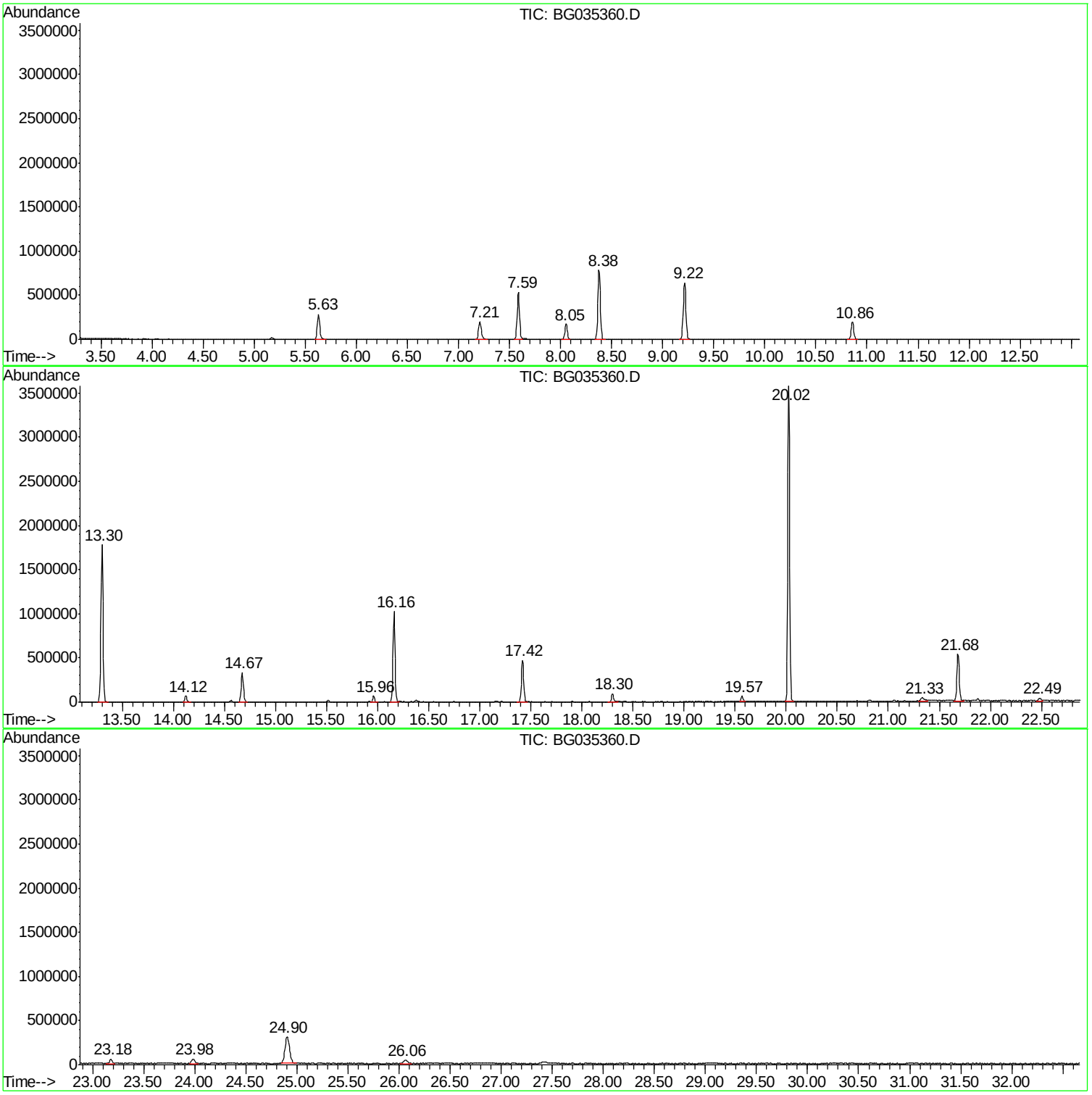
Sum of corrected areas: 17890332

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

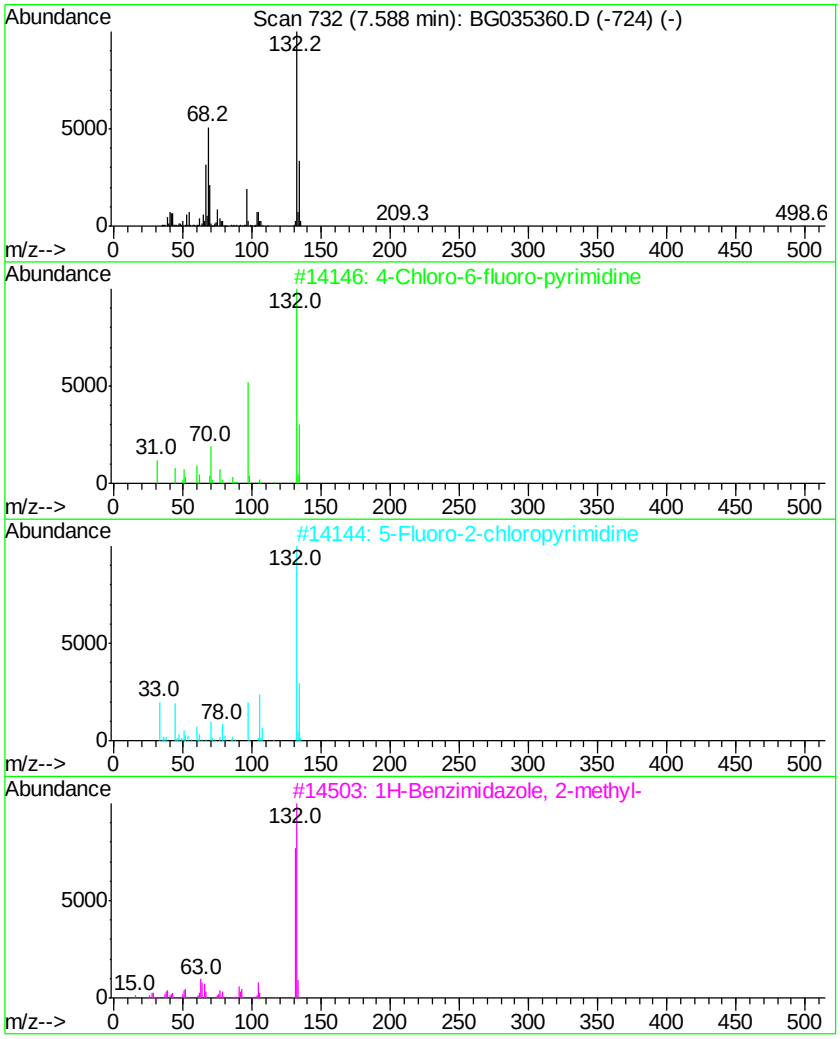
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

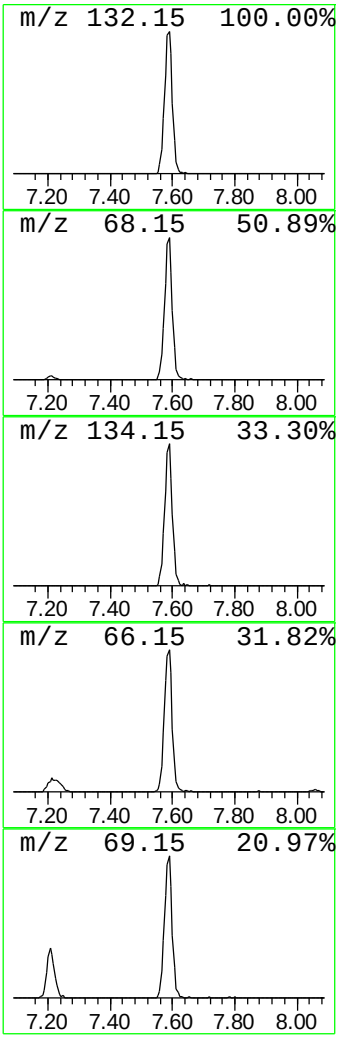
****

Peak Number 1 unknown7.59 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	62.84 ng	928172	1,4-Dichlorobenzene-d4	8.05

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	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	14





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

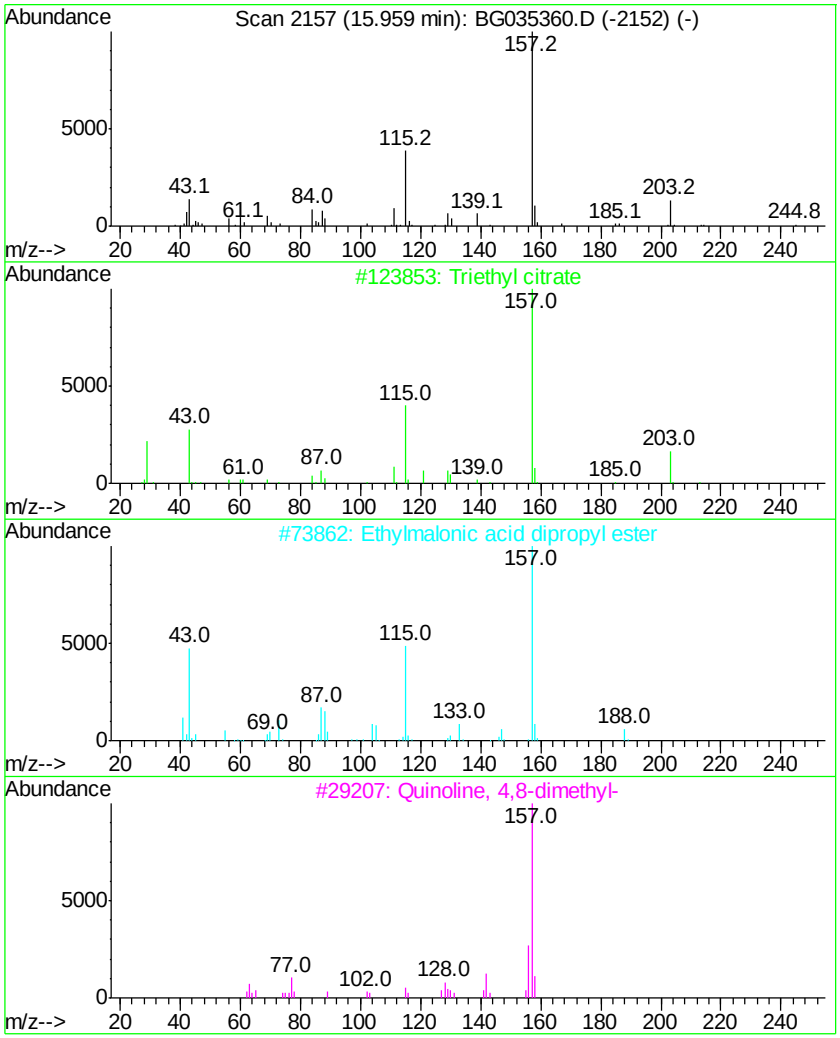
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

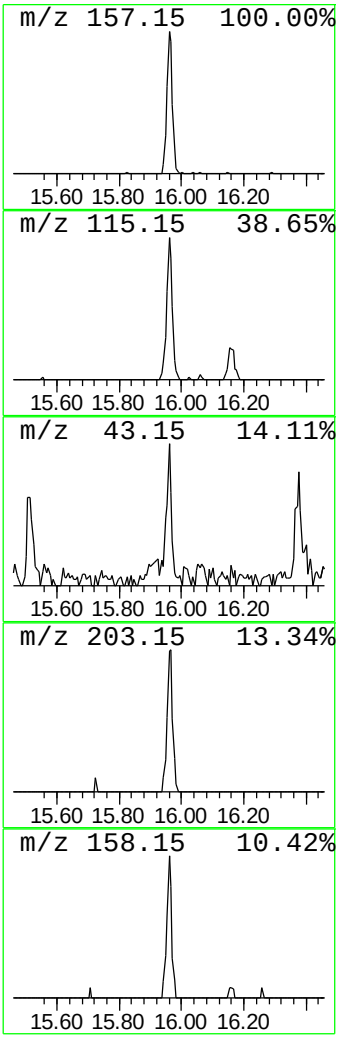
****

Peak Number 3 Triethyl citrate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	3.06 ng	83045	Acenaphthene-d10	14.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triethyl citrate	276	C12H20O7	000077-93-0	90
2	Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	50
3	Quinoline, 4,8-dimethyl-	157	C11H11N	013362-80-6	49
4	Adipic acid, isobutyl 3-(2-metho...	358	C20H38O5	1000324-28-7	33
5	Piperazine-1-carboxylic acid, 4-...	362	C14H19ClN2O5S	1000303-80-2	28





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

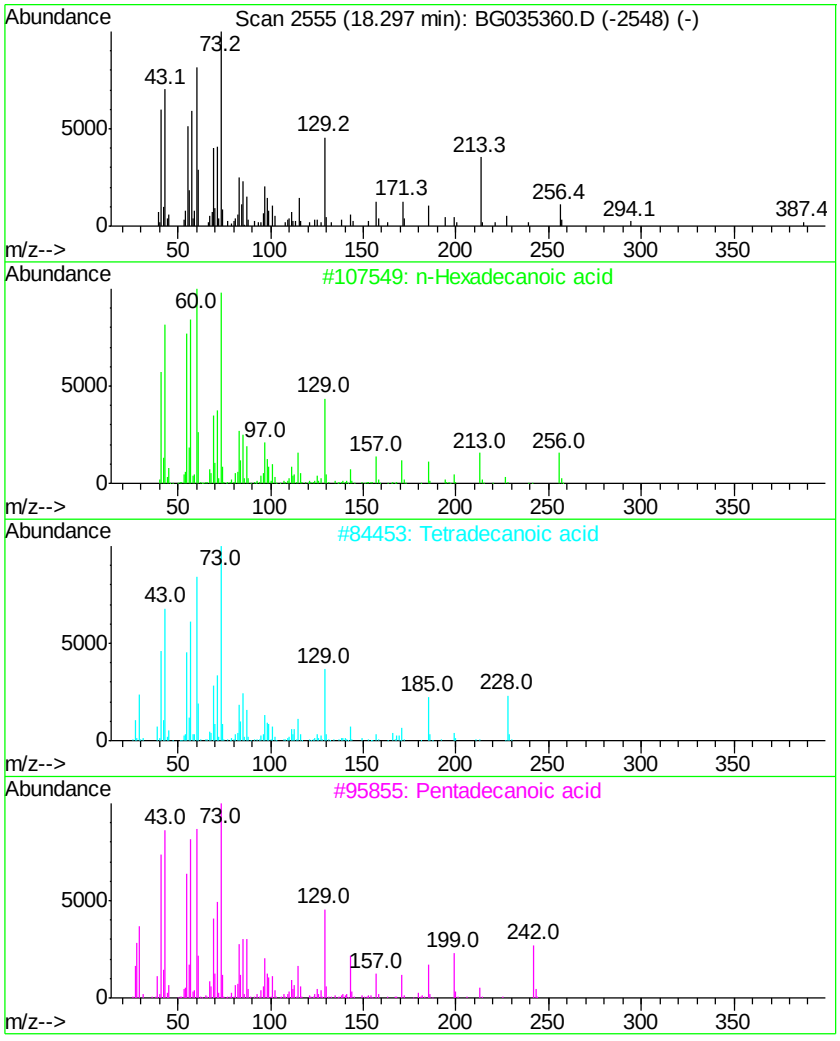
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

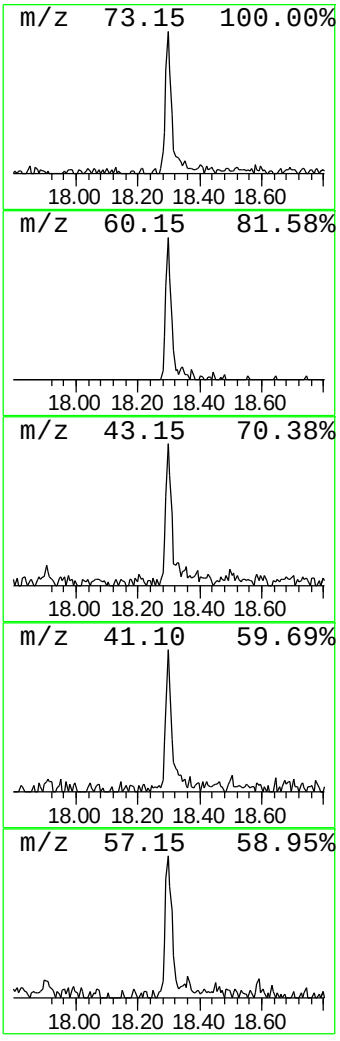
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.30	3.90 ng	139531	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	62
5	Octadecanoic acid	284	C18H36O2	000057-11-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

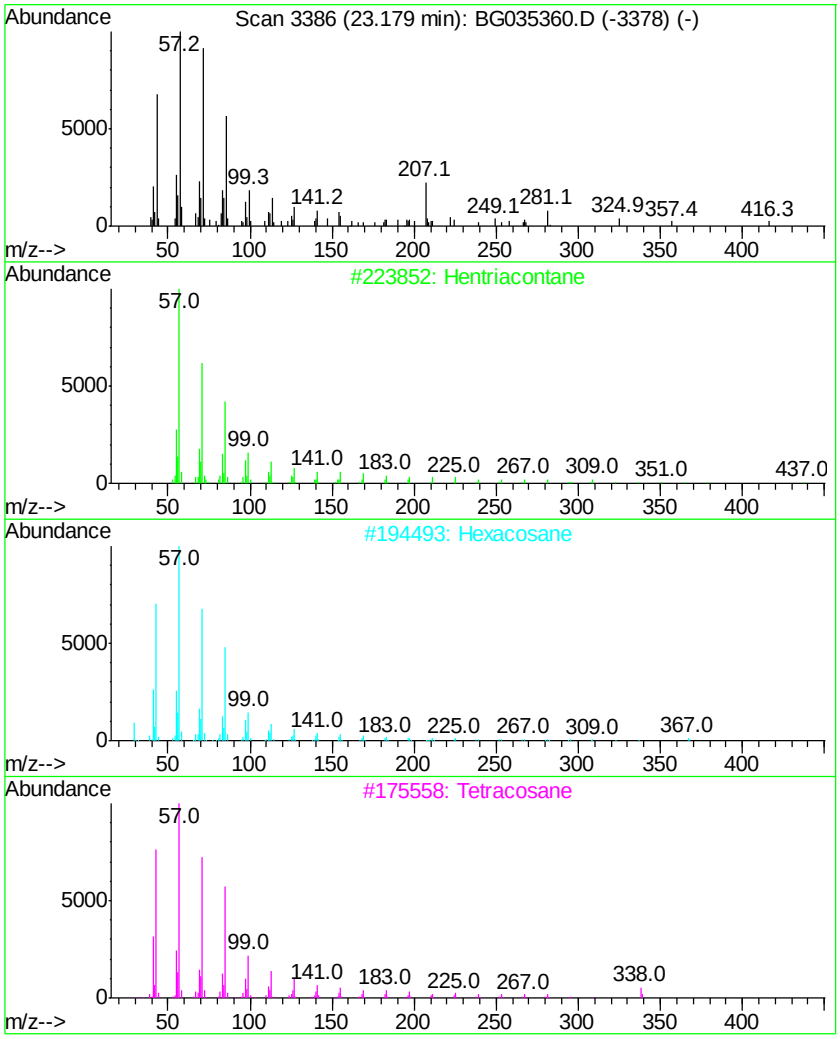
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

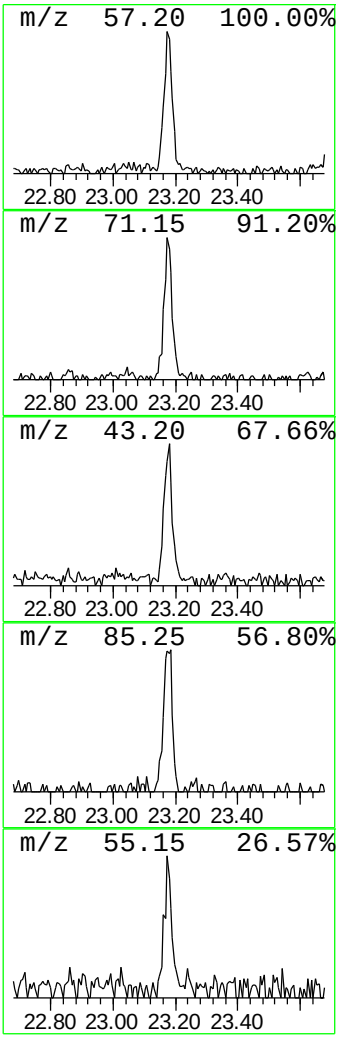
****

Peak Number 5 Hentriacontane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.18	2.16 ng	96870	Chrysene-d12	21.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	76
2	Hexacosane	366	C26H54	000630-01-3	70
3	Tetracosane	338	C24H50	000646-31-1	68
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	68
5	Heptacosane	380	C27H56	000593-49-7	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

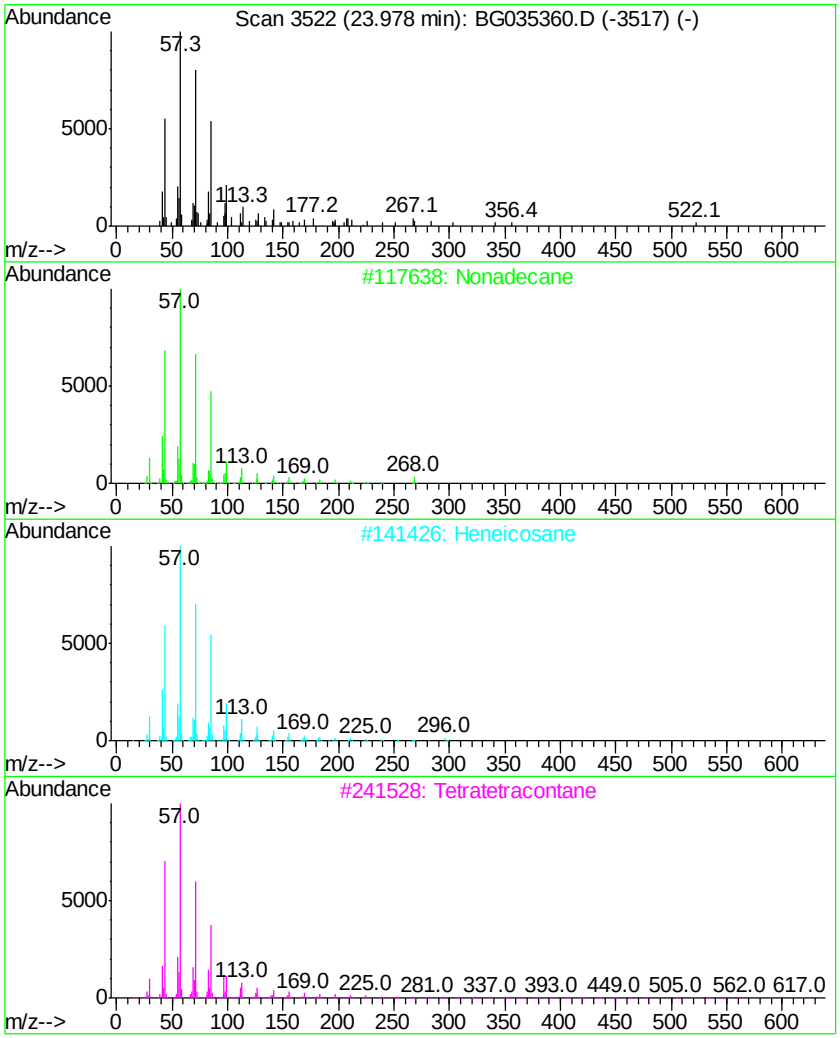
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

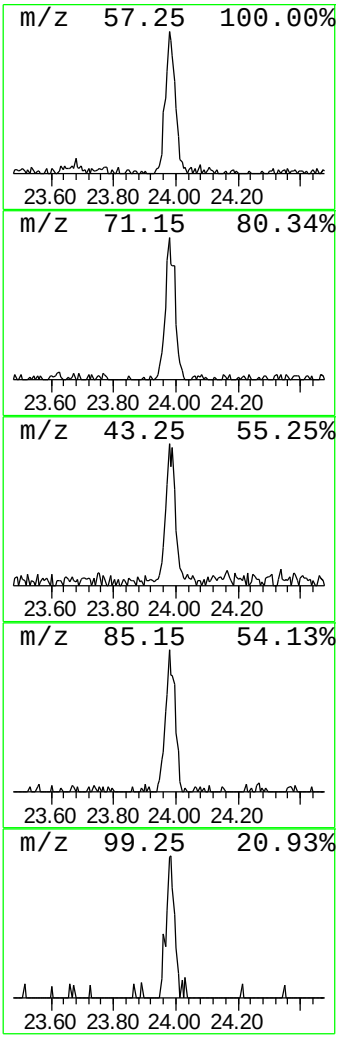
****

Peak Number 6 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.98	2.40 ng	113127	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	87
3	Tetratetracontane	619	C44H90	007098-22-8	87
4	2-methyloctacosane	408	C29H60	1000376-72-8	87
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	86





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

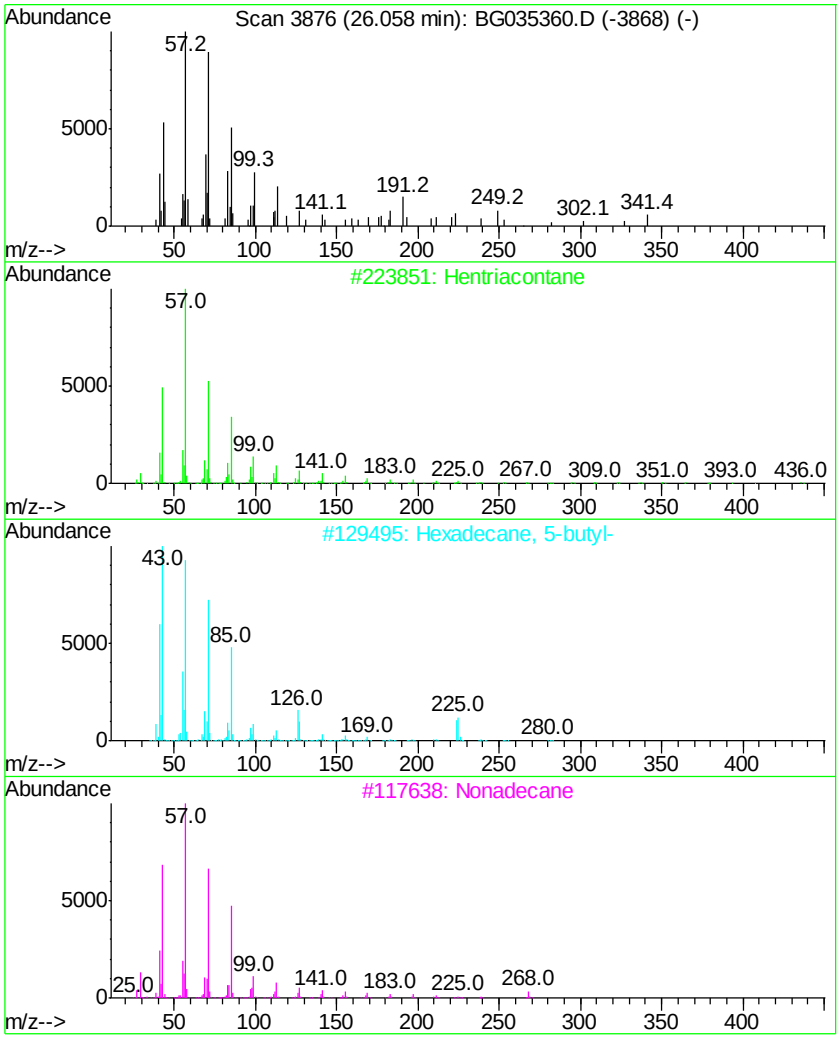
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

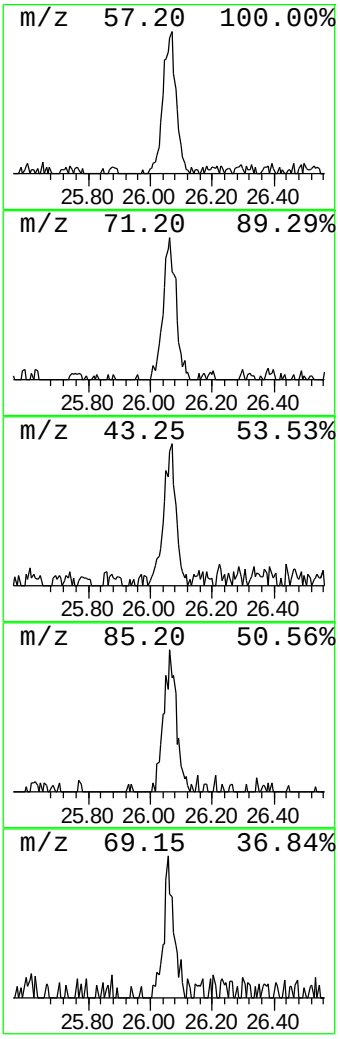
****

Peak Number 7 Hentriacontane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.06	2.34 ng	110278	Perylene-d12	24.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hentriacontane	437	C31H64	000630-04-6	64
2	Hexadecane, 5-butyl-	282	C20H42	006912-07-8	62
3	Nonadecane	268	C19H40	000629-92-5	58
4	Hexadecane	226	C16H34	000544-76-3	58
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	58





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
Data File : BG035360.D
Acq On : 23 Jun 2018 9:41
Operator : JU/SJ
Sample : J3587-08
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 061818-TPIC-F-U-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.59	7.59	62.8	ng	928172	1	8.05	295411	20.0
Triethyl citrate	15.96	3.1	ng	83045	3	14.67	543462	20.0
n-Hexadecanoic acid	18.30	3.9	ng	139531	4	17.42	715734	20.0
Hentriacontane	23.18	2.2	ng	96870	5	21.68	898811	20.0
Nonadecane	23.98	2.4	ng	113127	6	24.91	942954	20.0
Hentriacontane	26.06	2.3	ng	110278	6	24.91	942954	20.0