LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

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-BG091217.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	4.844	209	214	220	rBV2	35703	54794	1.70%	0.400%
2	5.438	307	315	323	rBV	80347	132176	4.10%	0.965%
3	5.902	386	394	406	rBV	558546	921329	28.61%	6.724%
4	7.488	653	664	679	rBV	532393	1024171	31.80%	7.474%
5	7.864	720	728	738	rBV	541026	929020	28.85%	6.780%
6	8.328	801	807	815	rBV	93062	160252	4.98%	1.170%
7	8.658	854	863	872	rBV	362665	674174	20.93%	4.920%
8	9.498	999	1006	1019	rBV	310280	587824	18.25%	4.290%
9	11.149	1281	1287	1297	rVB	113280	218747	6.79%	1.596%
10	13.564	1688	1698	1705	rBV	969635	1536842	47.72%	11.216%
11	14.380	1831	1837	1846	rBV	75978	122589	3.81%	0.895%
12	14.938	1922	1932	1943	rBV3	206011	356378	11.07%	2.601%
13	16.431	2179	2186	2196	rBV	971488	1587618	49.29%	11.586%
14	17.694	2395	2401	2408	rBV2	365743	557396	17.31%	4.068%
15	18.540	2540	2545	2552	rBV3	49097	89536	2.78%	0.653%
16	20.279	2835	2841	2847	rBV	2405074	3220654	100.00%	23.504%
17	21.589	3060	3064	3076	rVB8	36335	82531	2.56%	0.602%
18	22.024	3129	3138	3148	rBV	383833	712319	22.12%	5.198%
19	25.326	3691	3700	3707	rBV7	21072	64020	1.99%	0.467%
20	25.526	3724	3734	3747	rVB2	207373	670048	20.80%	4.890%

Sum of corrected areas: 13702418

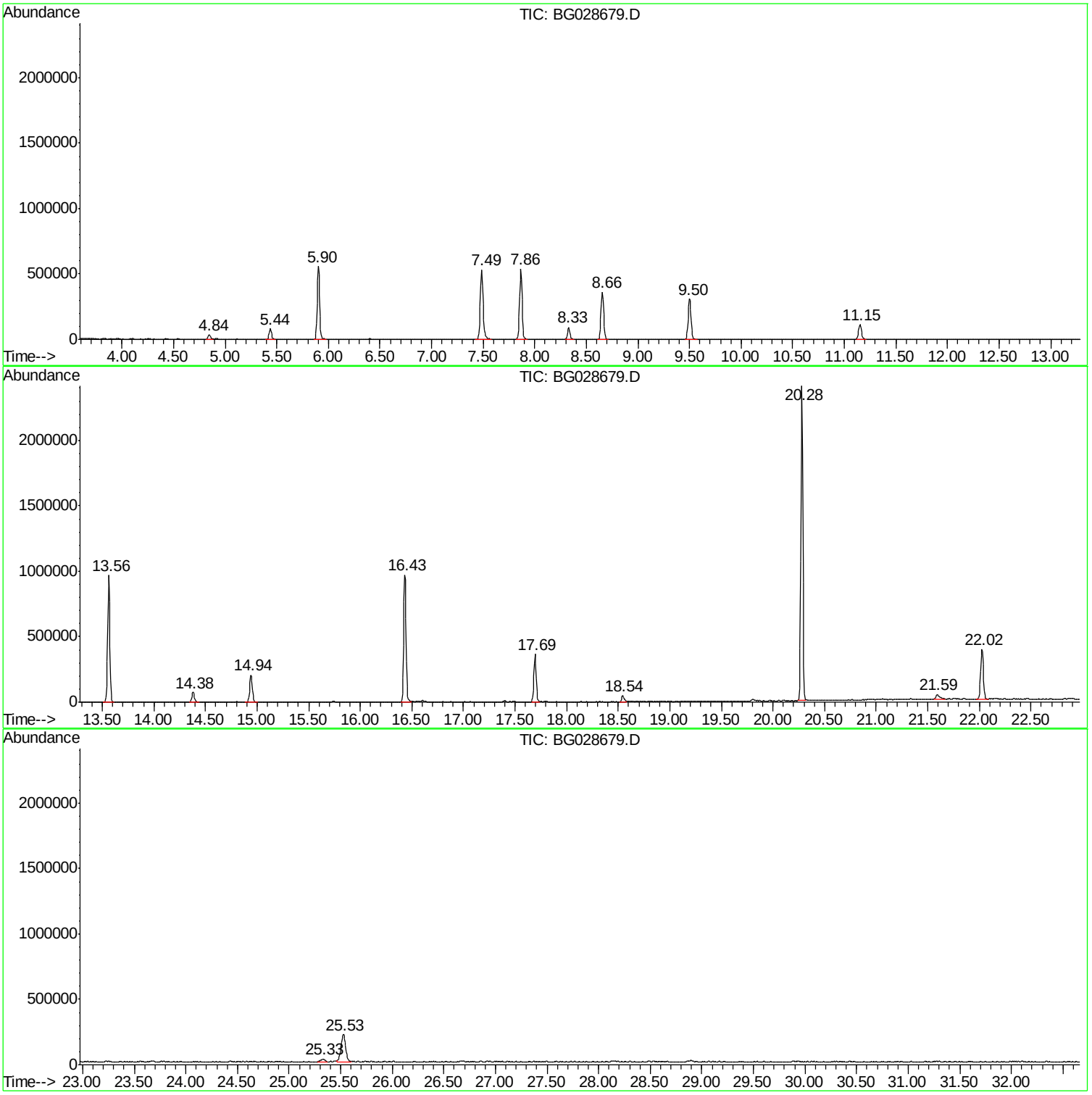
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

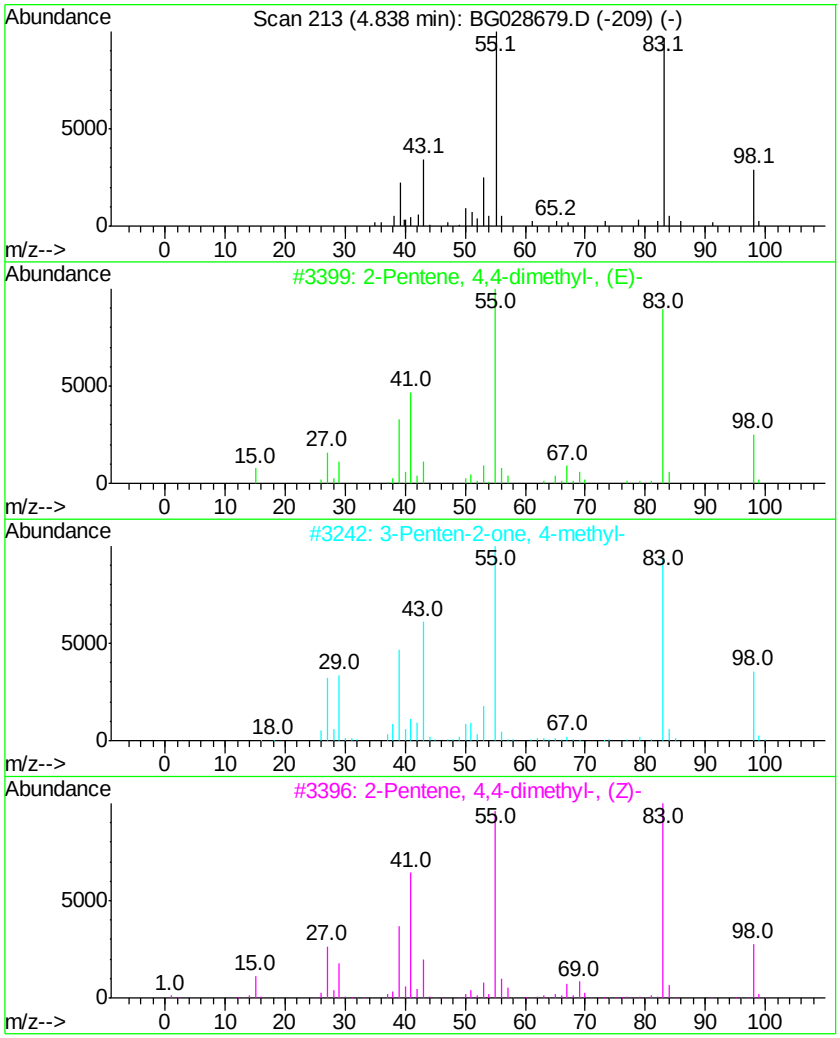
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

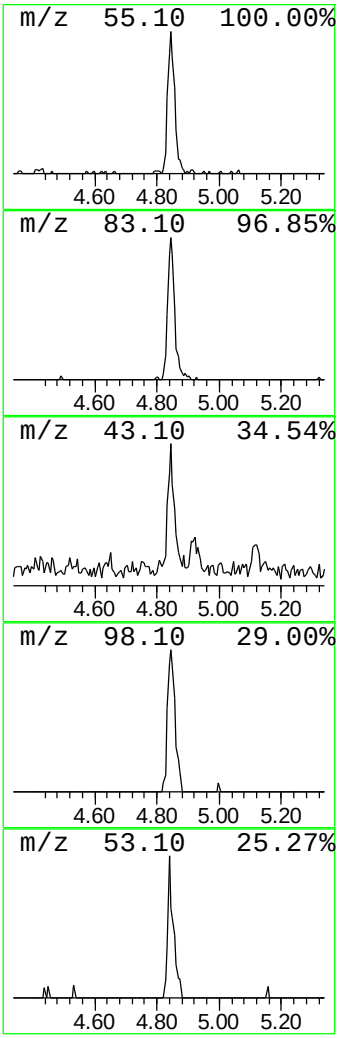
****

Peak Number 1 2-Pentene, 4,4-dimethyl-, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	6.84 ng	54794	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
3	2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	78





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

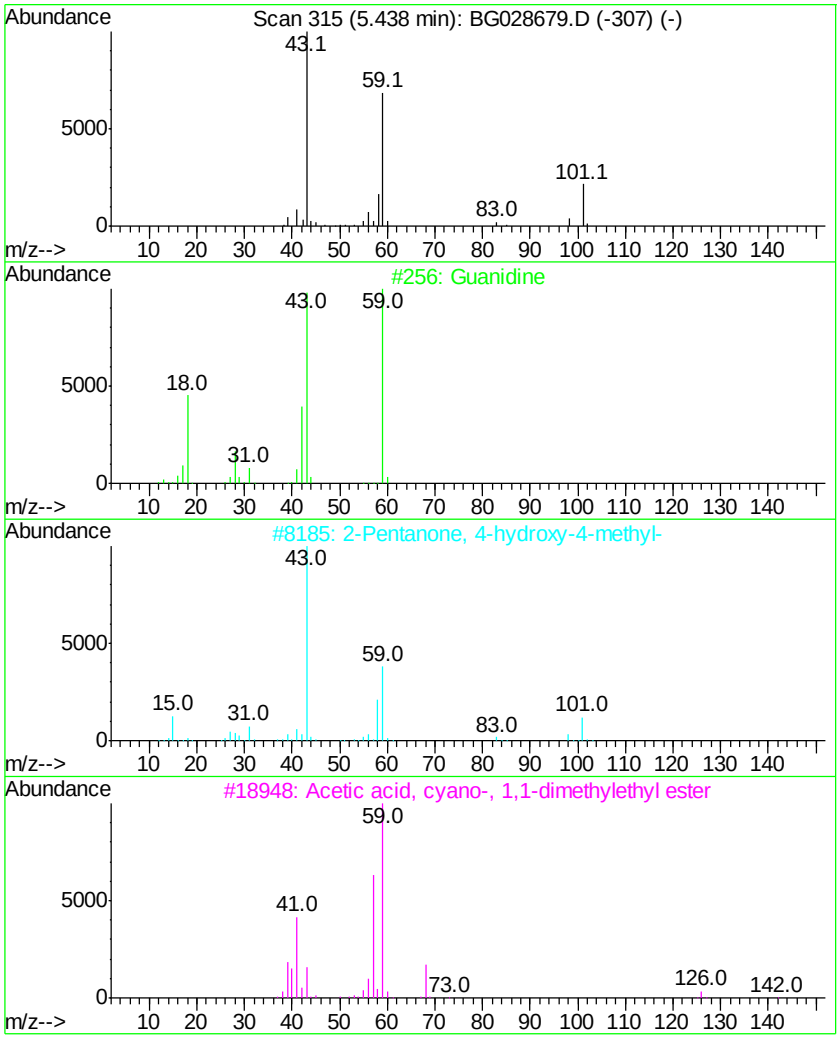
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

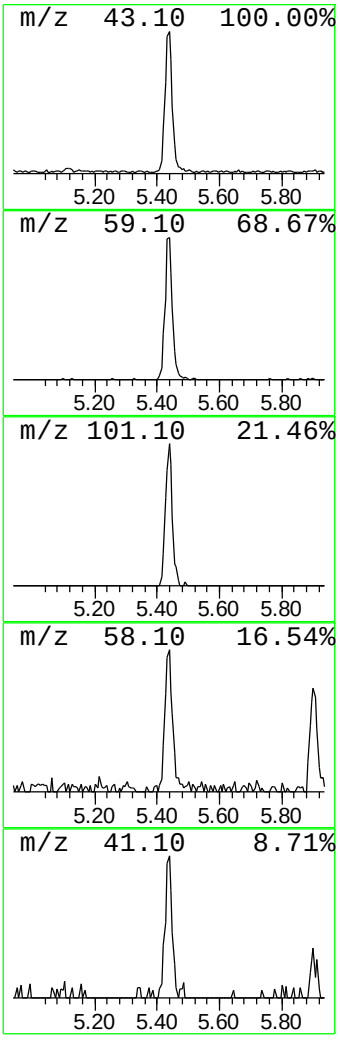
****

Peak Number 2 unknown5.44 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.44	16.50 ng	132176	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Guanidine	59	CH5N3	000113-00-8	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	12
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

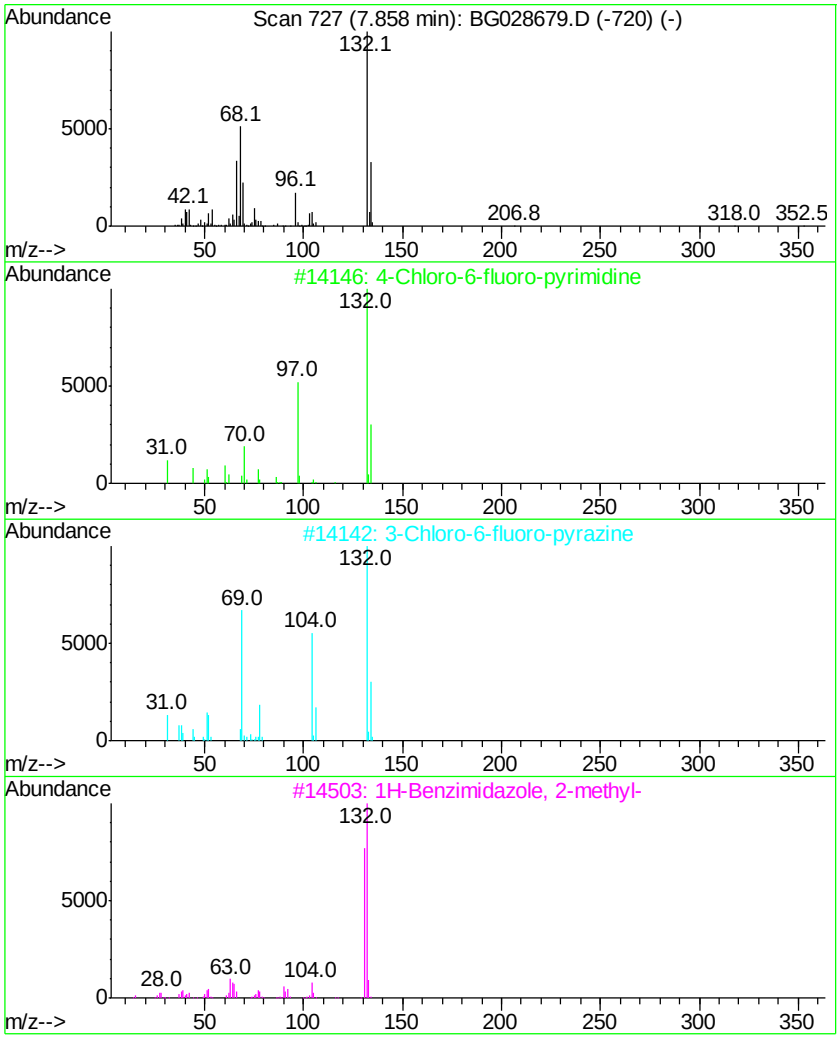
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

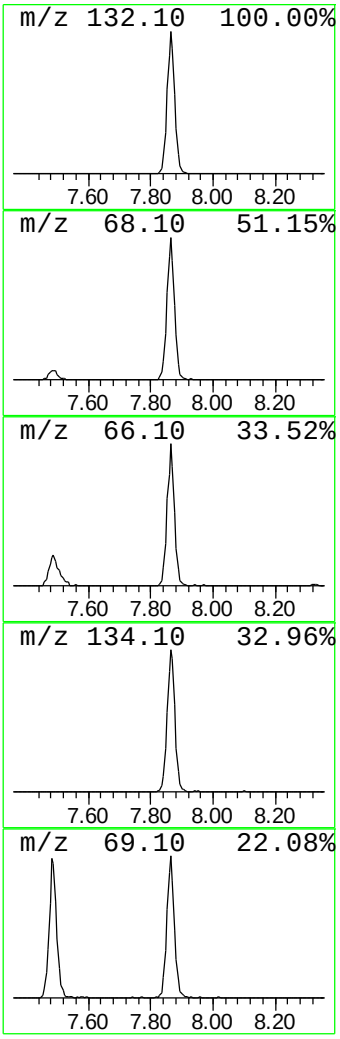
****

Peak Number 3 unknown7.86 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	115.95 ng	929020	1,4-Dichlorobenzene-d4	8.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

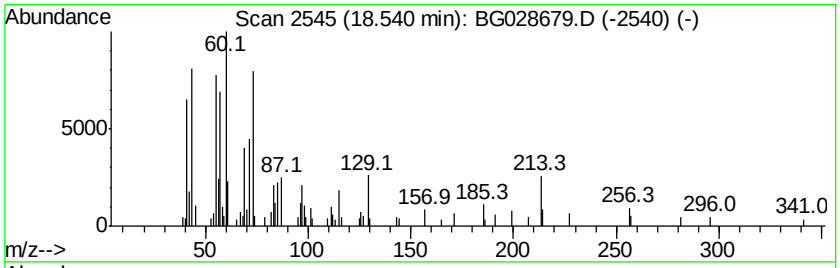
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

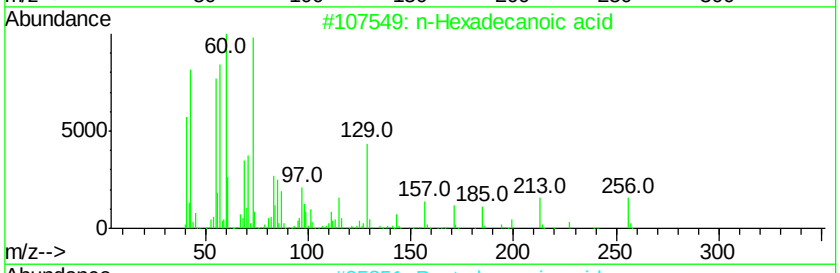
****

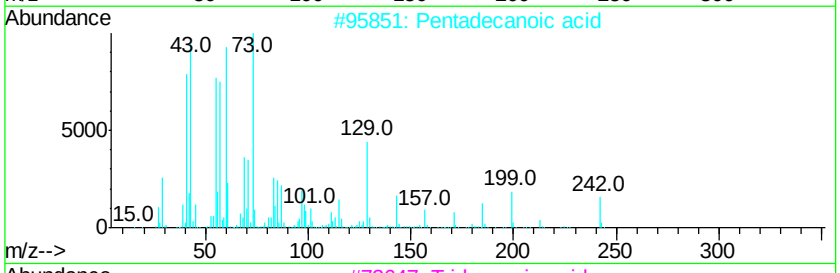
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

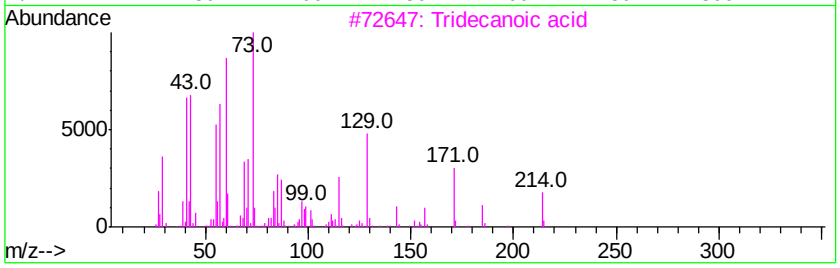
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.21 ng	89536	Phenanthrene-d10	17.69

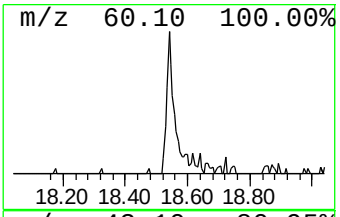
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Maltose	342	C12H22O11	000069-79-4	43

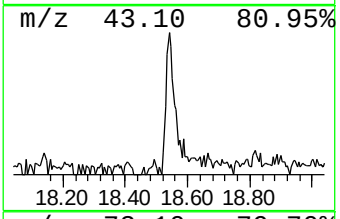


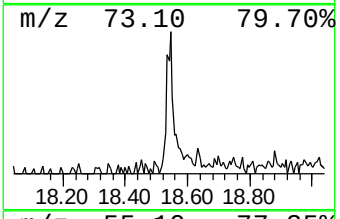


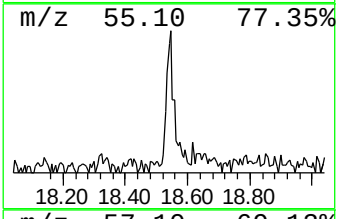


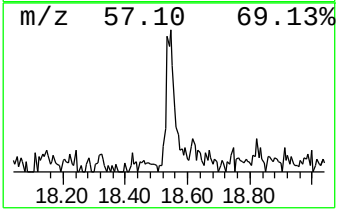












Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

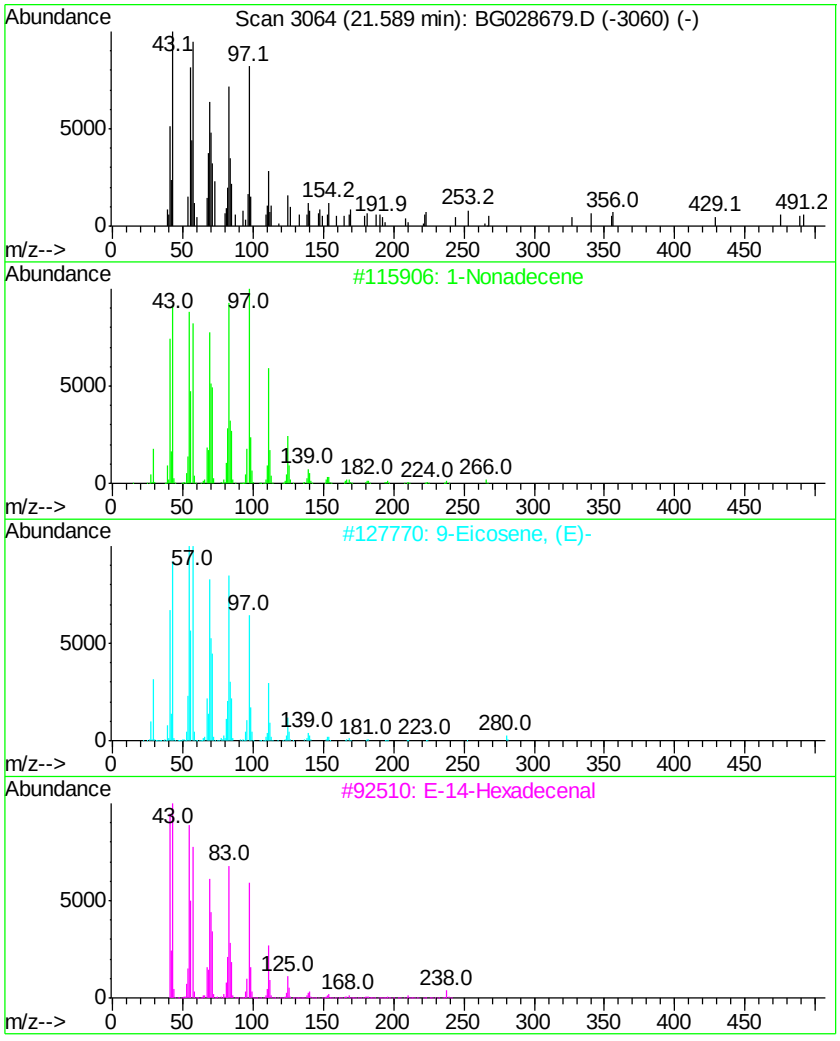
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

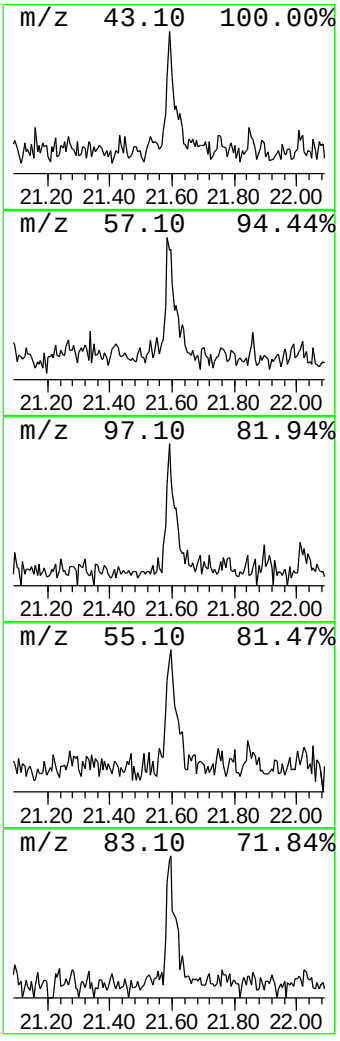
****

Peak Number 6 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.32 ng	82531	Chrysene-d12	22.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	62
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	60
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	60
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	60
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	53





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG091217\
Data File : BG028679.D
Acq On : 12 Sep 2017 21:10
Operator : SJ/JU
Sample : I5123-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EP-13

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091217.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
2-Pentene, 4,4-di...	4.84	6.8	ng	54794	1	8.33	160252	20.0
unknown5.44	5.44	16.5	ng	132176	1	8.33	160252	20.0
unknown7.86	7.86	116.0	ng	929020	1	8.33	160252	20.0
n-Hexadecanoic acid	18.54	3.2	ng	89536	4	17.69	557396	20.0
1-Nonadecene	21.59	2.3	ng	82531	5	22.02	712319	20.0