LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023968.D
Acq On : 8 Sep 2016 16:55
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-3-8-STONE-003

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-BG083116.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	2.946	13	18	36	rVB	3925546	6483004	100.00%	22.191%
2	5.155	389	394	402	rBV	166565	268971	4.15%	0.921%
3	5.637	470	476	489	rBV	870375	1491727	23.01%	5.106%
4	7.264	746	753	771	rBV	965444	1756136	27.09%	6.011%
5	7.622	807	814	826	rBV	943144	1624488	25.06%	5.561%
6	8.092	888	894	902	rVB	223714	371198	5.73%	1.271%
7	8.415	942	949	962	rVB	712783	1252148	19.31%	4.286%
8	9.273	1086	1095	1107	rBV	623719	1151631	17.76%	3.942%
9	10.924	1365	1376	1385	rBV	305353	555507	8.57%	1.901%
10	13.368	1785	1792	1800	rBV	1687667	2675084	41.26%	9.157%
11	14.202	1928	1934	1942	rBV	286149	439282	6.78%	1.504%
12	14.754	2022	2028	2040	rVB2	475523	793876	12.25%	2.717%
13	16.252	2276	2283	2301	rBV	1469696	2407291	37.13%	8.240%
14	16.440	2310	2315	2323	rBV4	42306	81218	1.25%	0.278%
15	17.521	2492	2499	2512	rBV	614785	1021476	15.76%	3.496%
16	18.390	2642	2647	2656	rBV3	60552	121736	1.88%	0.417%
17	20.123	2936	2942	2949	rVB	3375902	4314437	66.55%	14.768%
18	20.804	3055	3058	3062	rVB2	70250	87251	1.35%	0.299%
19	21.421	3160	3163	3167	rBV5	54604	88608	1.37%	0.303%
20	21.827	3226	3232	3240	rVB2	667042	1138927	17.57%	3.898%
21	25.187	3796	3804	3818	rVB3	348380	1090597	16.82%	3.733%

Sum of corrected areas: 29214593

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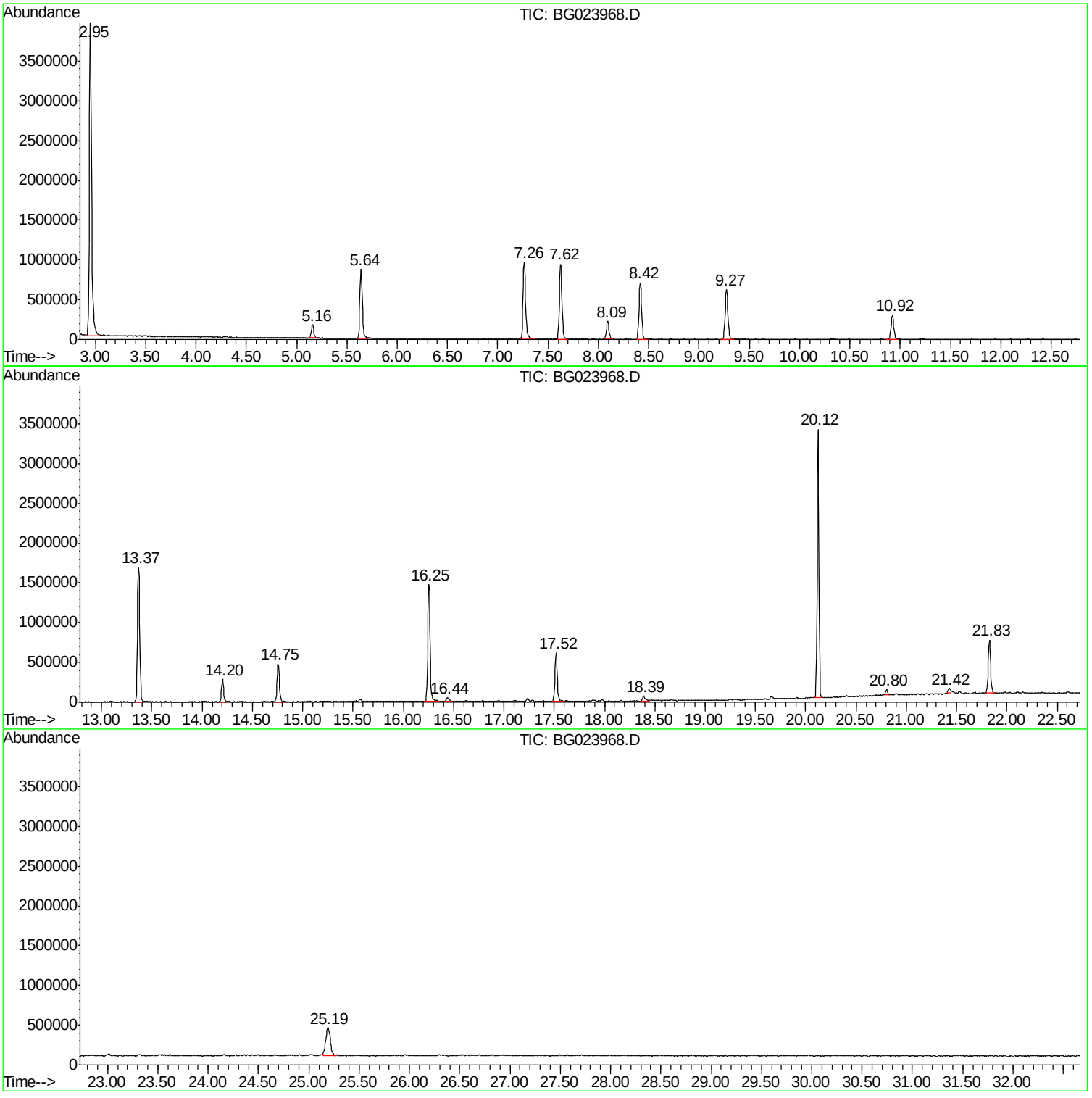
Instrument :
BNA_G
ClientSampleId :
TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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:\HPCHEM1\BNA_G\DATA\BG090816\
Data File : BG023968.D
Acq On : 8 Sep 2016 16:55
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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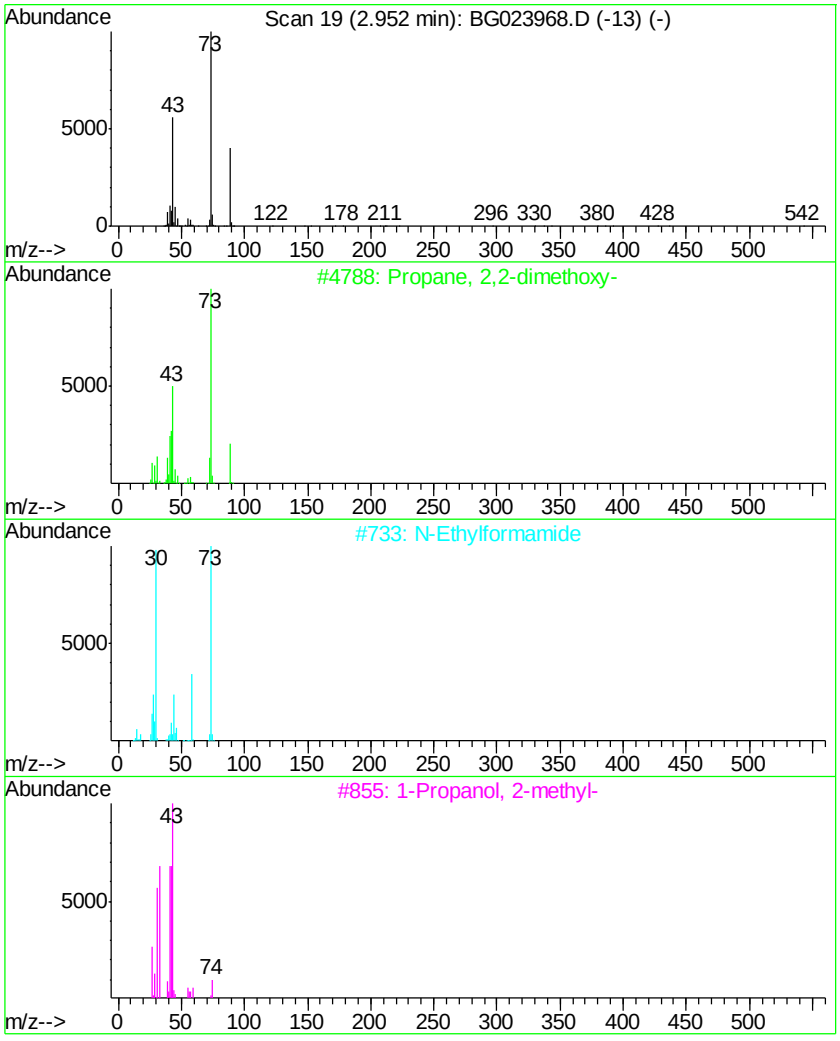
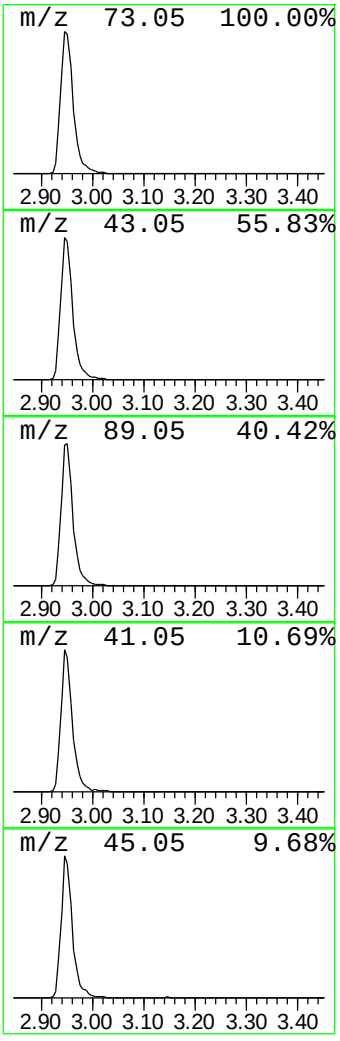
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	349.30 ng	6483000	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
5	1,3-Dioxolane, 2-(3-bromo-5,5,5-...	352	C10H16BrCl3O2	1000115-31-4	9





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BNA_G
ClientSampleId :
TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
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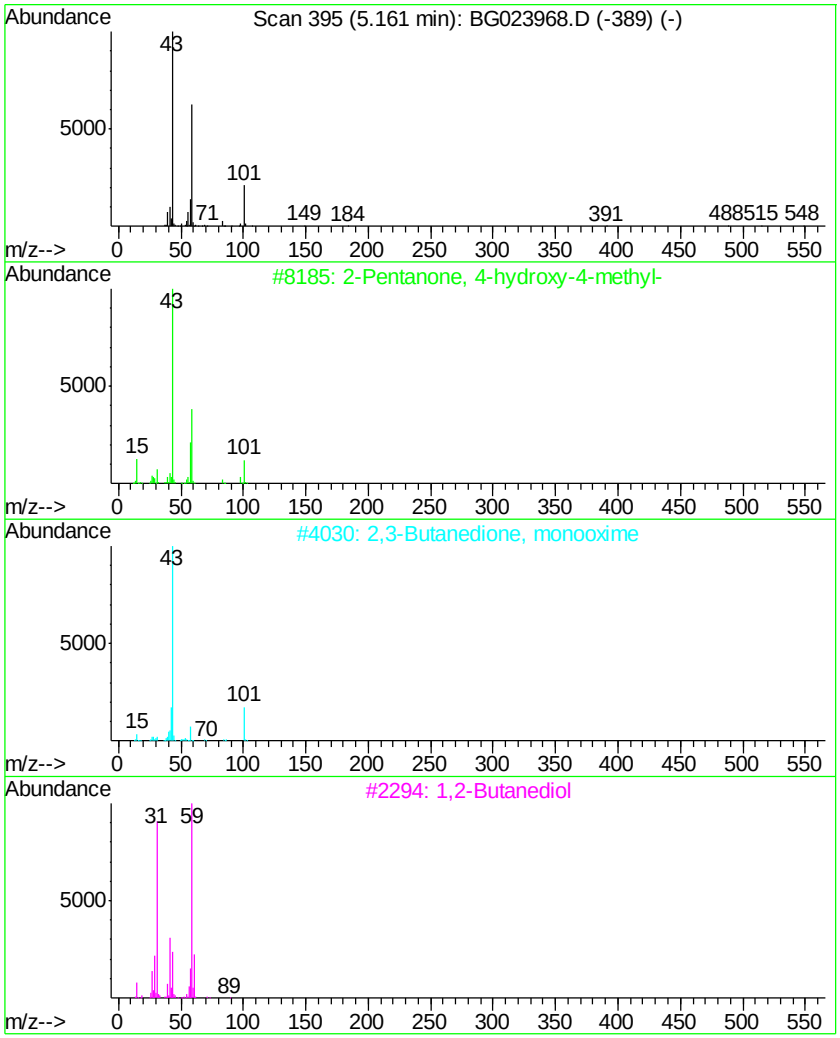
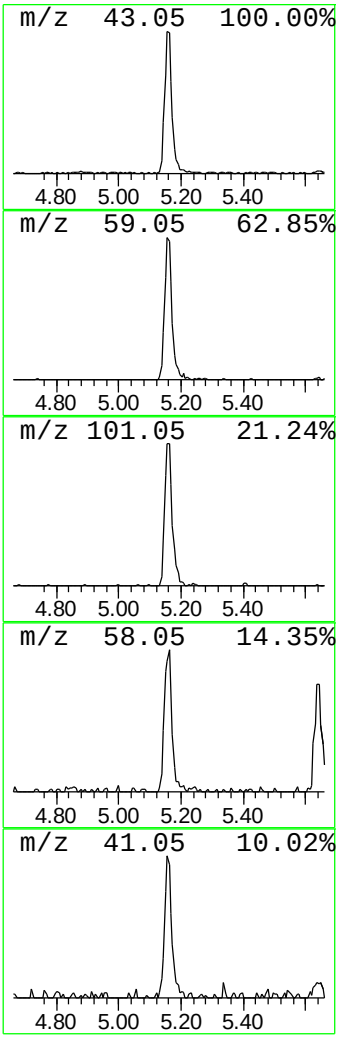
Peak Number 2 unknown5.16 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	14.49 ng	268971	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
3	1,2-Butanediol	90	C4H10O2	000584-03-2	17
4	Silane, trimethyl-	74	C3H10Si	000993-07-7	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	12





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Data File : BG023968.D
Acq On : 8 Sep 2016 16:55
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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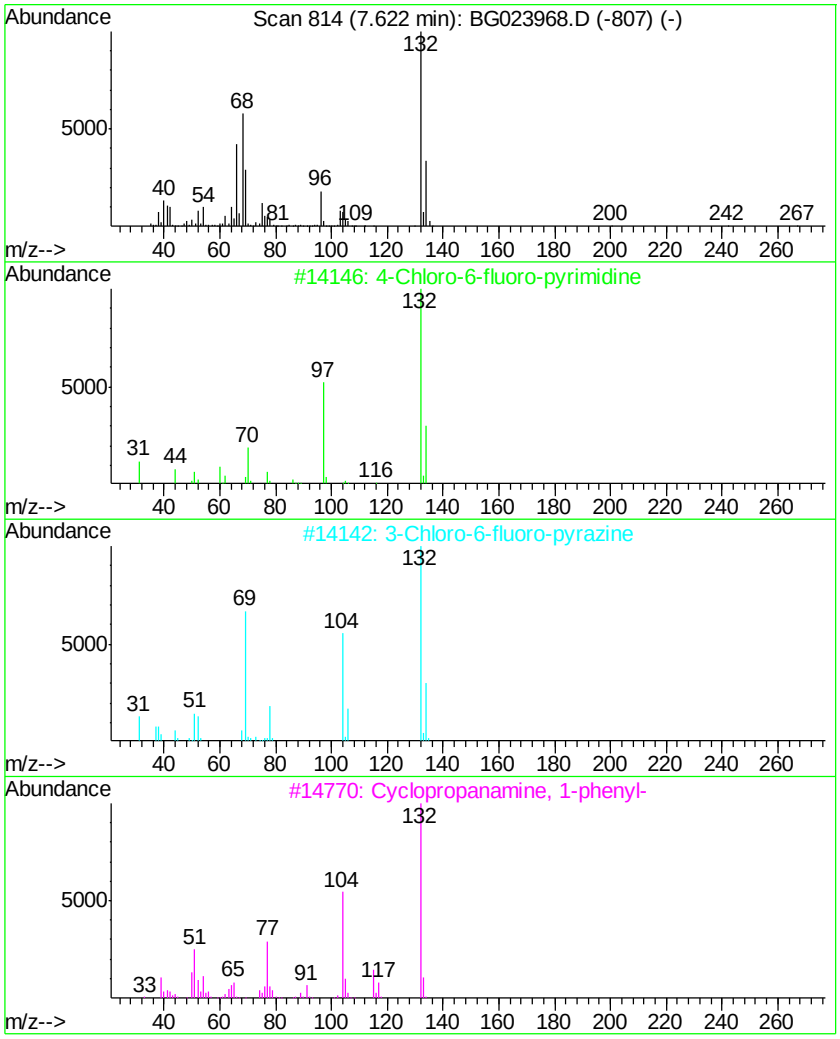
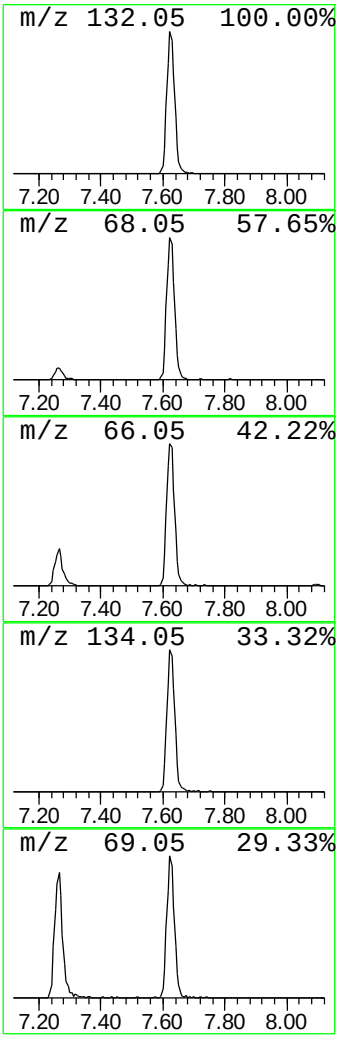
Peak Number 3 unknown7.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	87.53 ng	1624490	1,4-Dichlorobenzene-d4	8.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	10
3	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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Acq On : 8 Sep 2016 16:55
Operator : UM/SJ
Sample : H4728-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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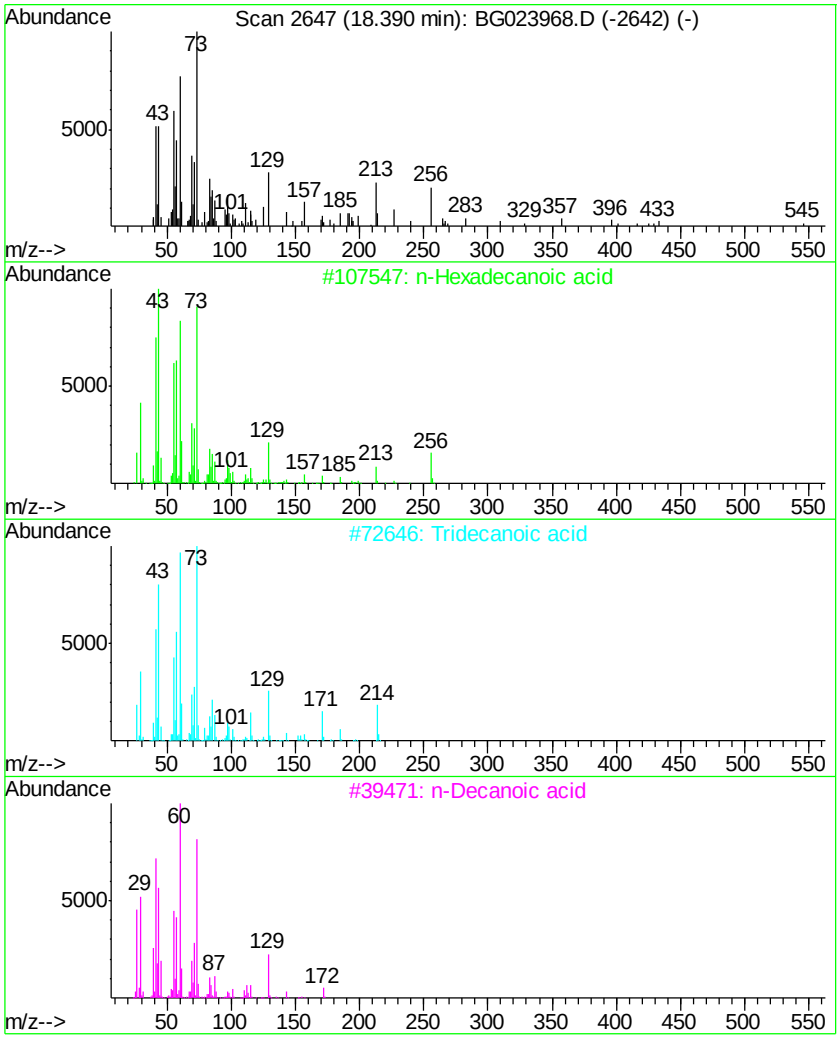
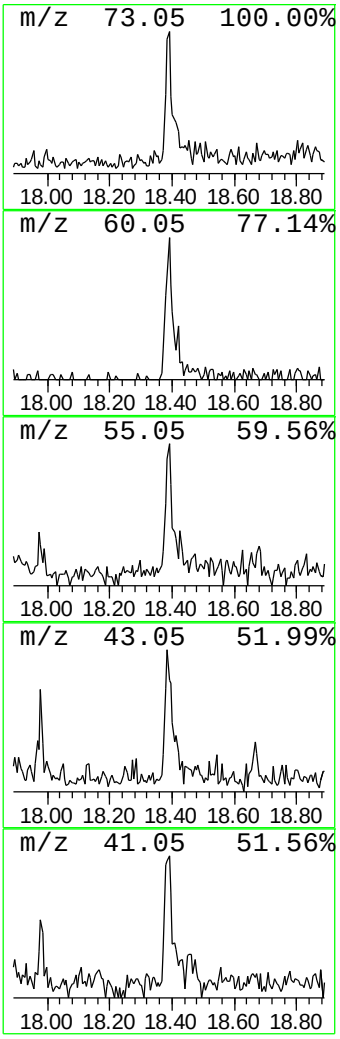
Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.38 ng	121736	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	62
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG090816\
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Operator : UM/SJ
Sample : H4728-02
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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TILCON-MH-3-8-STONE-003

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.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
Propane, 2,2-dime...	2.95	349.3	ng	6483000	1	8.09	371198	20.0
unknown5.16	5.16	14.5	ng	268971	1	8.09	371198	20.0
unknown7.62	7.62	87.5	ng	1624490	1	8.09	371198	20.0
n-Hexadecanoic acid	18.39	2.4	ng	121736	4	17.52	1021480	20.0