LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023411.D
Acq On : 3 Aug 2016 1:01
Operator : UM/SJ
Sample : H4288-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0

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-BG080116.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	2.996	22	27	46	rVB	3693637	6452570	56.40%	10.208%
2	3.143	47	52	59	rBV	104544	181608	1.59%	0.287%
3	5.187	394	400	412	rVB	544003	877120	7.67%	1.388%
4	5.663	473	481	495	rBV	2114373	3522714	30.79%	5.573%
5	7.278	747	756	772	rBV	2460535	4381606	38.30%	6.932%
6	7.648	809	819	830	rBV	2226526	3889380	33.99%	6.153%
7	8.118	892	899	906	rBV	339060	612686	5.35%	0.969%
8	8.447	947	955	963	rBV	1401829	2486696	21.73%	3.934%
9	9.293	1091	1099	1112	rBV	1394740	2548188	22.27%	4.031%
10	10.950	1373	1381	1390	rBV	573053	1032149	9.02%	1.633%
11	13.399	1790	1798	1806	rBV	3969946	6380708	55.77%	10.094%
12	14.222	1932	1938	1944	rBV	798500	1156645	10.11%	1.830%
13	14.780	2027	2033	2044	rVB3	1087130	1780472	15.56%	2.817%
14	15.602	2168	2173	2179	rVB2	91660	120333	1.05%	0.190%
15	16.278	2281	2288	2299	rBV	4841056	7386584	64.56%	11.685%
16	16.472	2316	2321	2330	rVB	98451	178133	1.56%	0.282%
17	17.541	2497	2503	2514	rBV2	1696170	2706190	23.65%	4.281%
18	18.410	2647	2651	2660	rBV	311615	491732	4.30%	0.778%
19	19.679	2863	2867	2875	rBV3	126151	201126	1.76%	0.318%
20	19.826	2887	2892	2897	rBV3	121022	149121	1.30%	0.236%
21	20.155	2941	2948	2956	rBV	8042256	11441553	100.00%	18.100%
22	21.465	3166	3171	3180	rBV	58325	149272	1.30%	0.236%
23	21.859	3231	3238	3246	rVB	1494802	2585641	22.60%	4.090%
24	25.236	3802	3813	3825	rBV2	846875	2499853	21.85%	3.955%

Sum of corrected areas: 63212080

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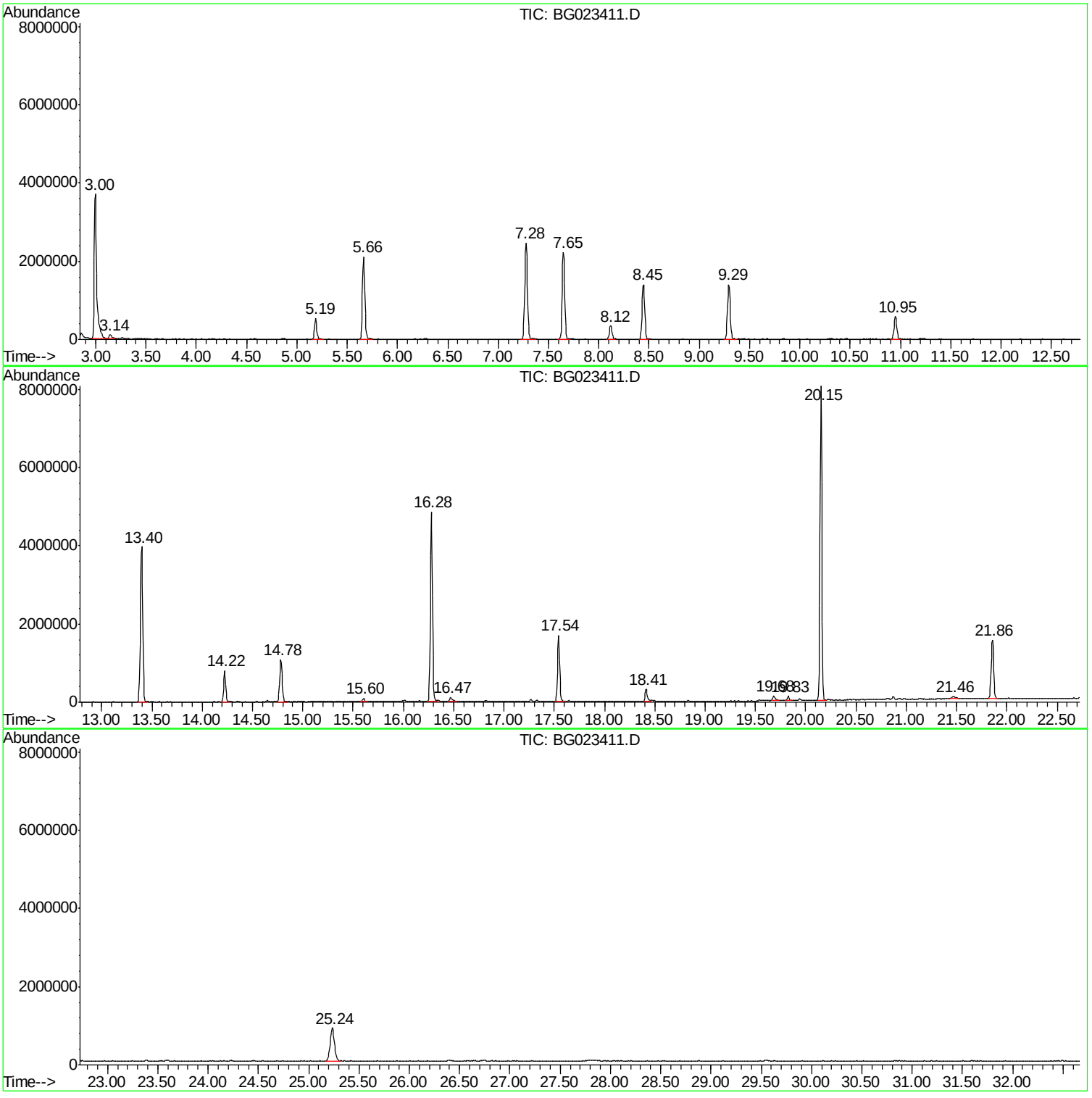
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080216\
Data File : BG023411.D
Acq On : 3 Aug 2016 1:01
Operator : UM/SJ
Sample : H4288-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.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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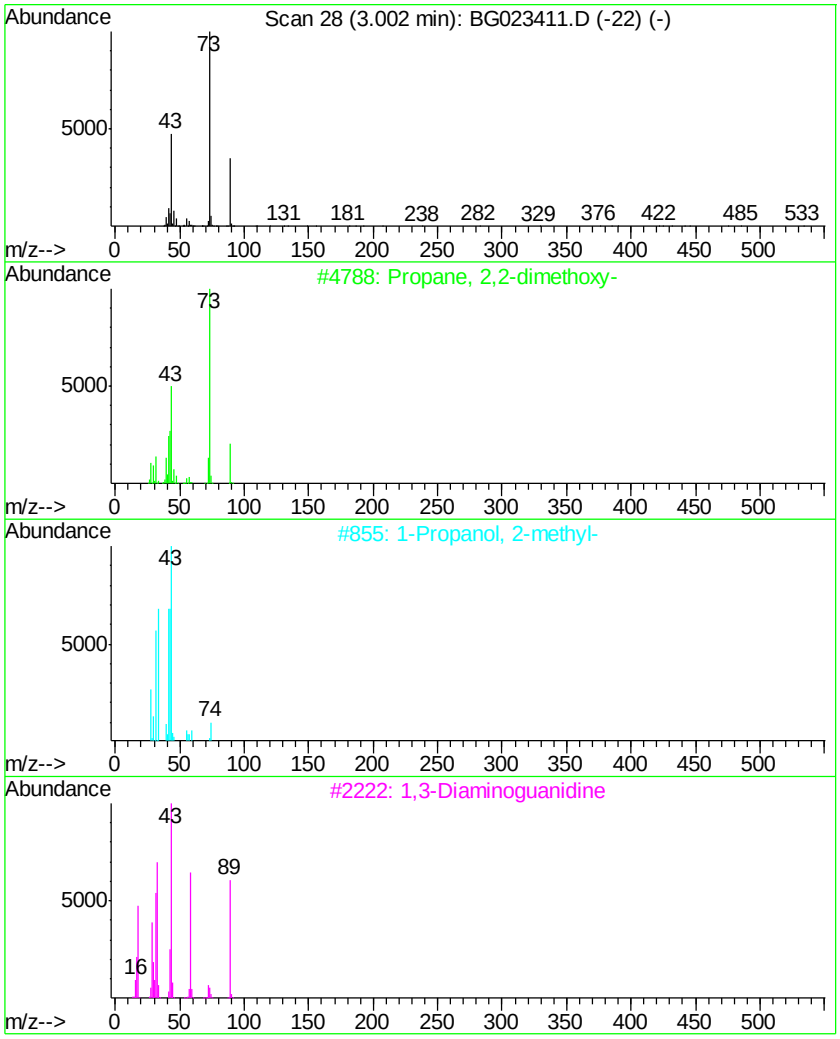
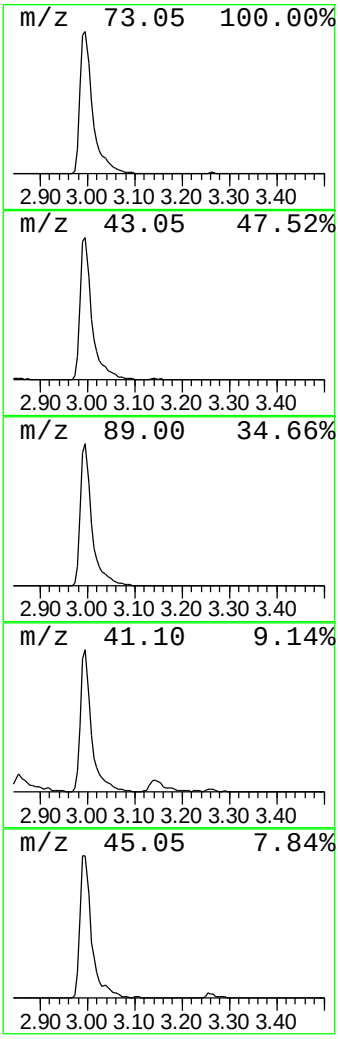
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	210.63 ng	6452570	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Misc :
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Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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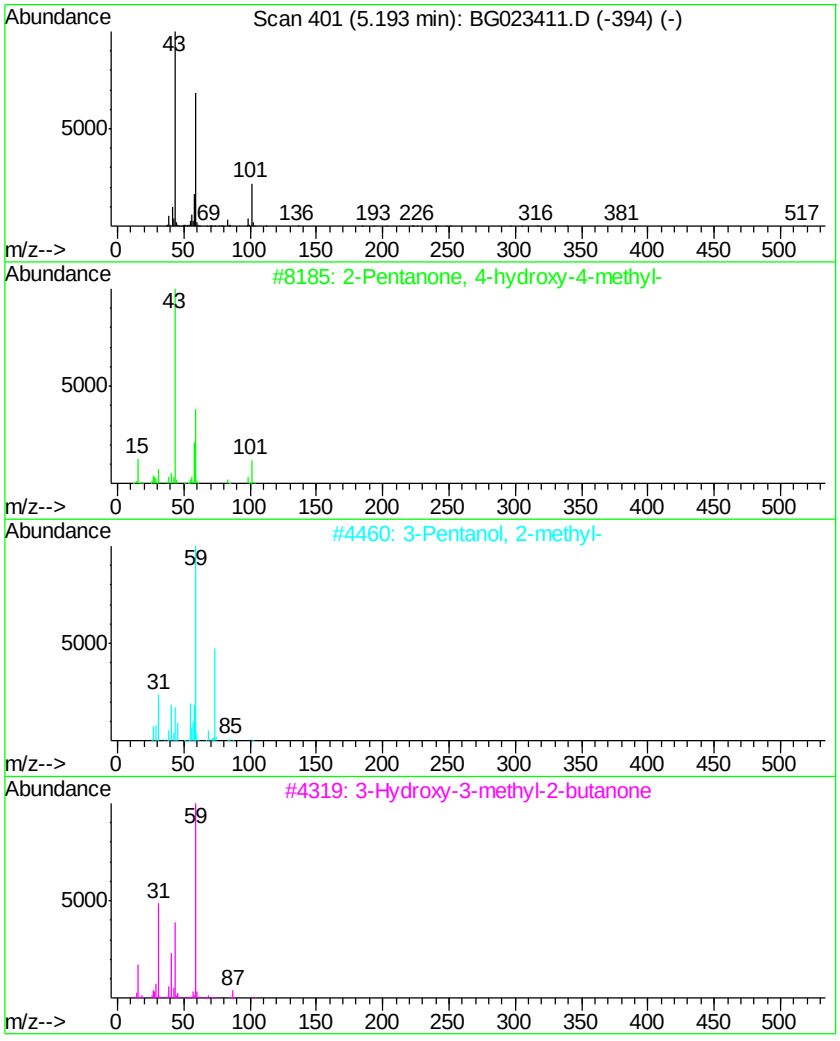
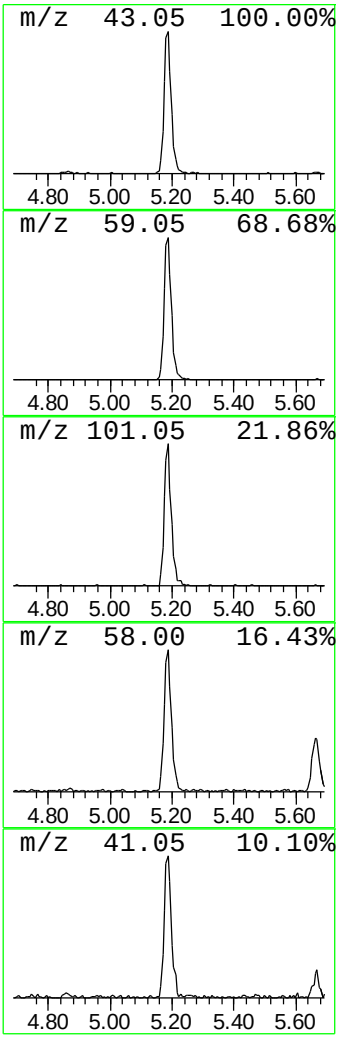
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	28.63 ng	877120	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	47
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25
5	1,2-Butanediol	90	C4H10O2	000584-03-2	23





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Operator : UM/SJ
Sample : H4288-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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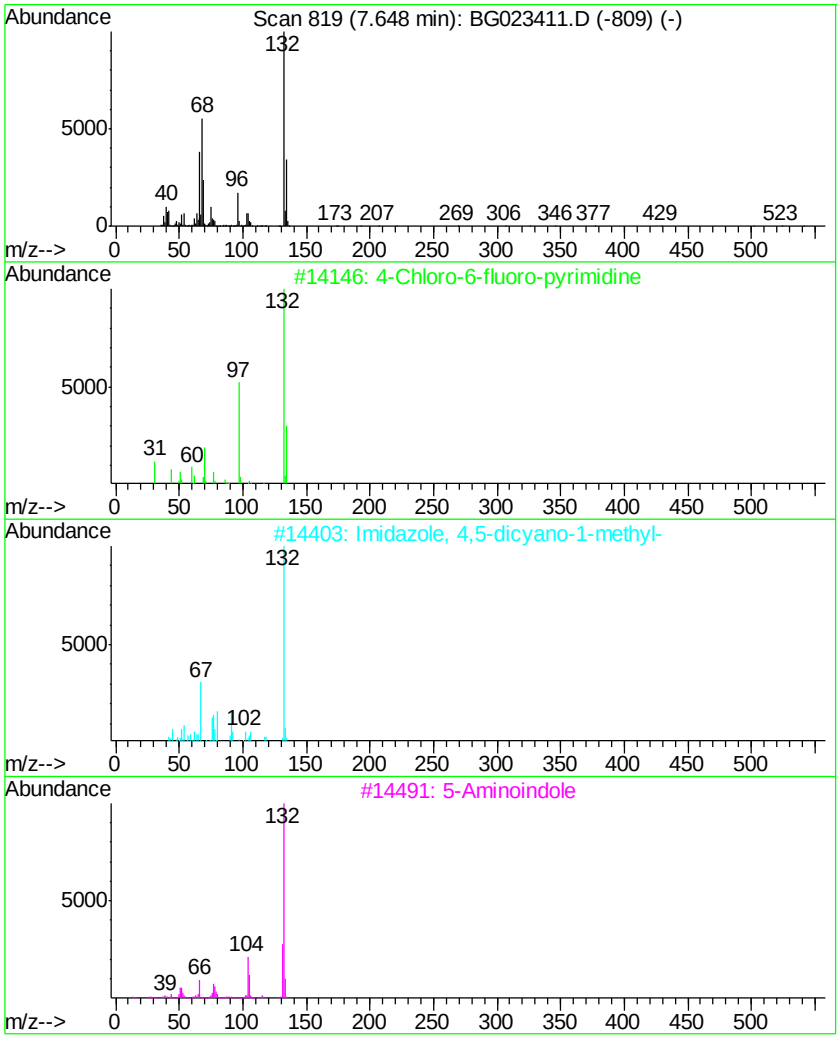
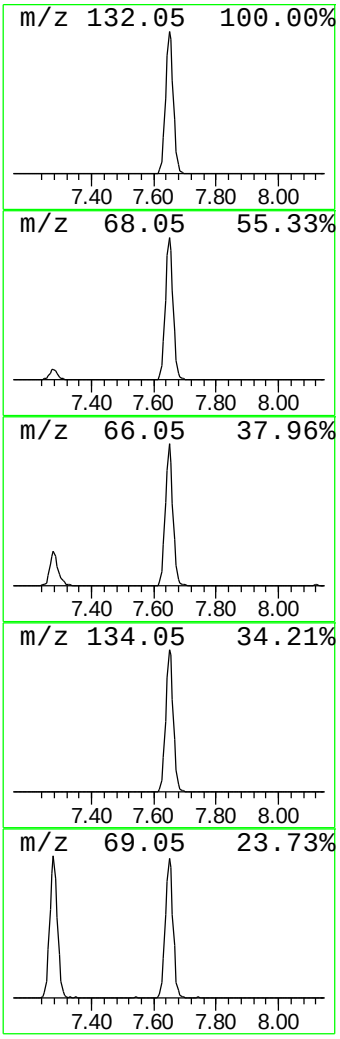
Peak Number 4 unknown7.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	126.96 ng	3889380	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
3	5-Aminoindole	132	C8H8N2	005192-03-0	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





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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-65-14.0-15.0

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG080116.M
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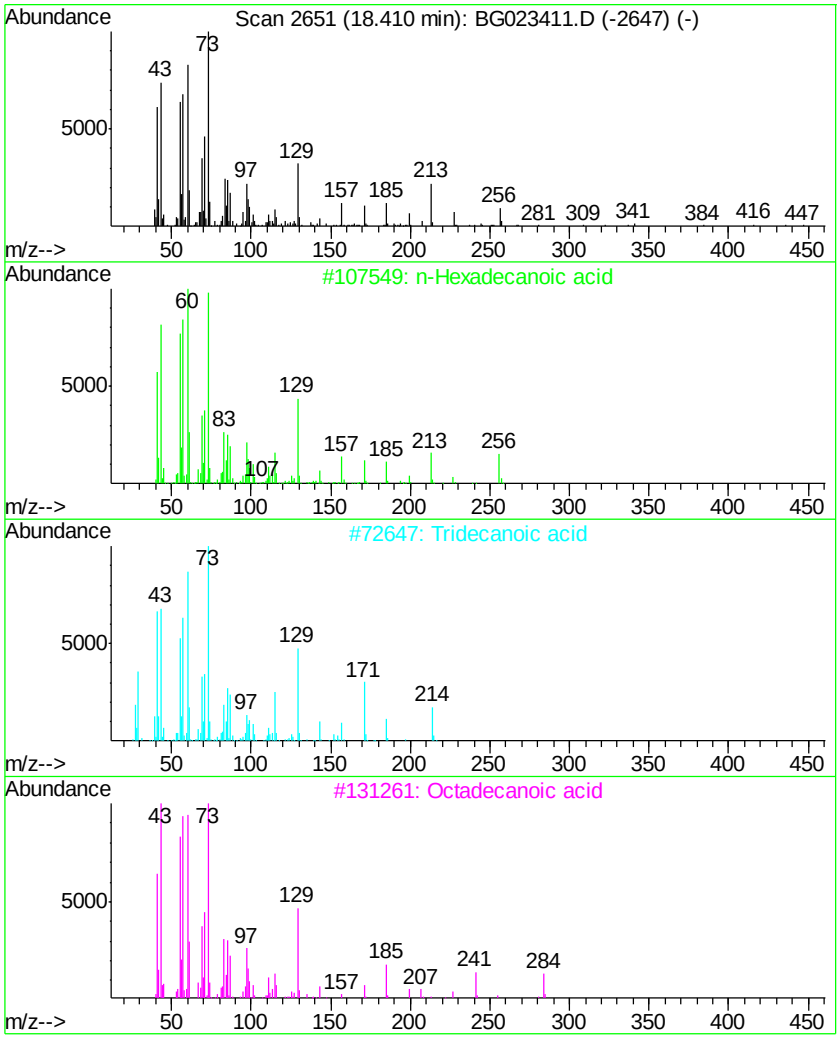
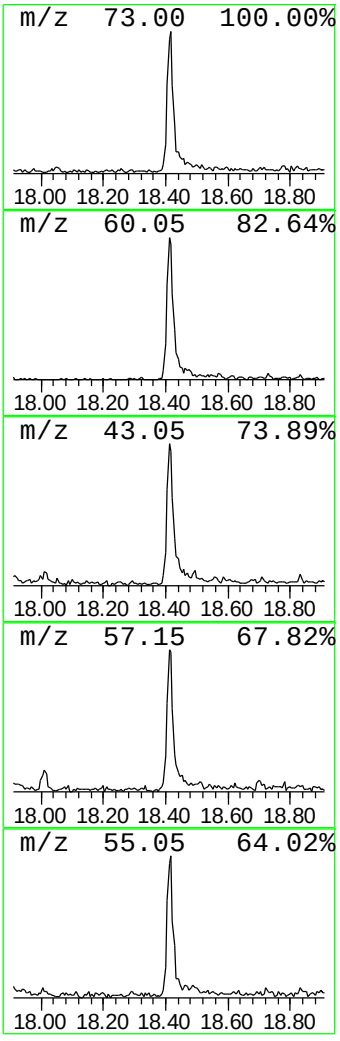
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.63 ng	491732	Phenanthrene-d10	17.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Octadecanoic acid	284	C18H36O2	000057-11-4	68
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	47





Tentatively Identified Compound (LSC) summary

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ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
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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...	3.00	210.6	ng	6452570	1	8.12	612686	20.0
2-Pentanone, 4-hy...	5.19	28.6	ng	877120	1	8.12	612686	20.0
unknown7.65	7.65	127.0	ng	3889380	1	8.12	612686	20.0
n-Hexadecanoic acid	18.41	3.6	ng	491732	4	17.54	2706190	20.0