LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093016\
Data File : BG024168.D
Acq On : 30 Sep 2016 20:39
Operator : UM/SJ
Sample : H4998-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

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-BG092316.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	2.894	5	9	26	rVB	3225652	4644372	100.00%	18.469%
2	5.097	380	384	391	rVB	151146	216391	4.66%	0.860%
3	5.578	461	466	478	rBV	649322	1135107	24.44%	4.514%
4	7.200	737	742	757	rBV	724356	1377929	29.67%	5.479%
5	7.564	798	804	821	rVB	723359	1293043	27.84%	5.142%
6	8.034	878	884	891	rBV2	145107	265420	5.71%	1.055%
7	8.357	932	939	950	rBV	510801	930584	20.04%	3.701%
8	9.215	1078	1085	1096	rBV	453408	893149	19.23%	3.552%
9	10.865	1359	1366	1377	rBV	202060	400773	8.63%	1.594%
10	13.315	1776	1783	1794	rBV	1295523	2082957	44.85%	8.283%
11	14.149	1918	1925	1938	rBV	665231	1045293	22.51%	4.157%
12	14.707	2013	2020	2027	rBV	420907	653720	14.08%	2.600%
13	16.211	2268	2276	2294	rBV	1247115	2134680	45.96%	8.489%
14	17.474	2485	2491	2505	rBV	601084	961448	20.70%	3.823%
15	17.827	2546	2551	2560	rBV2	54345	112900	2.43%	0.449%
16	18.344	2634	2639	2647	rBV2	98572	161997	3.49%	0.644%
17	19.195	2778	2784	2796	rBV	195874	436113	9.39%	1.734%
18	19.612	2852	2855	2862	rBV4	68168	106288	2.29%	0.423%
19	20.082	2929	2935	2945	rBV	3138491	3896038	83.89%	15.493%
20	20.705	3035	3041	3043	rBV5	33454	55835	1.20%	0.222%
21	21.375	3151	3155	3159	rBV7	28737	55078	1.19%	0.219%
22	21.780	3217	3224	3235	rBV	645422	1171352	25.22%	4.658%
23	25.111	3779	3791	3805	rBV2	341947	1117005	24.05%	4.442%

Sum of corrected areas: 25147472

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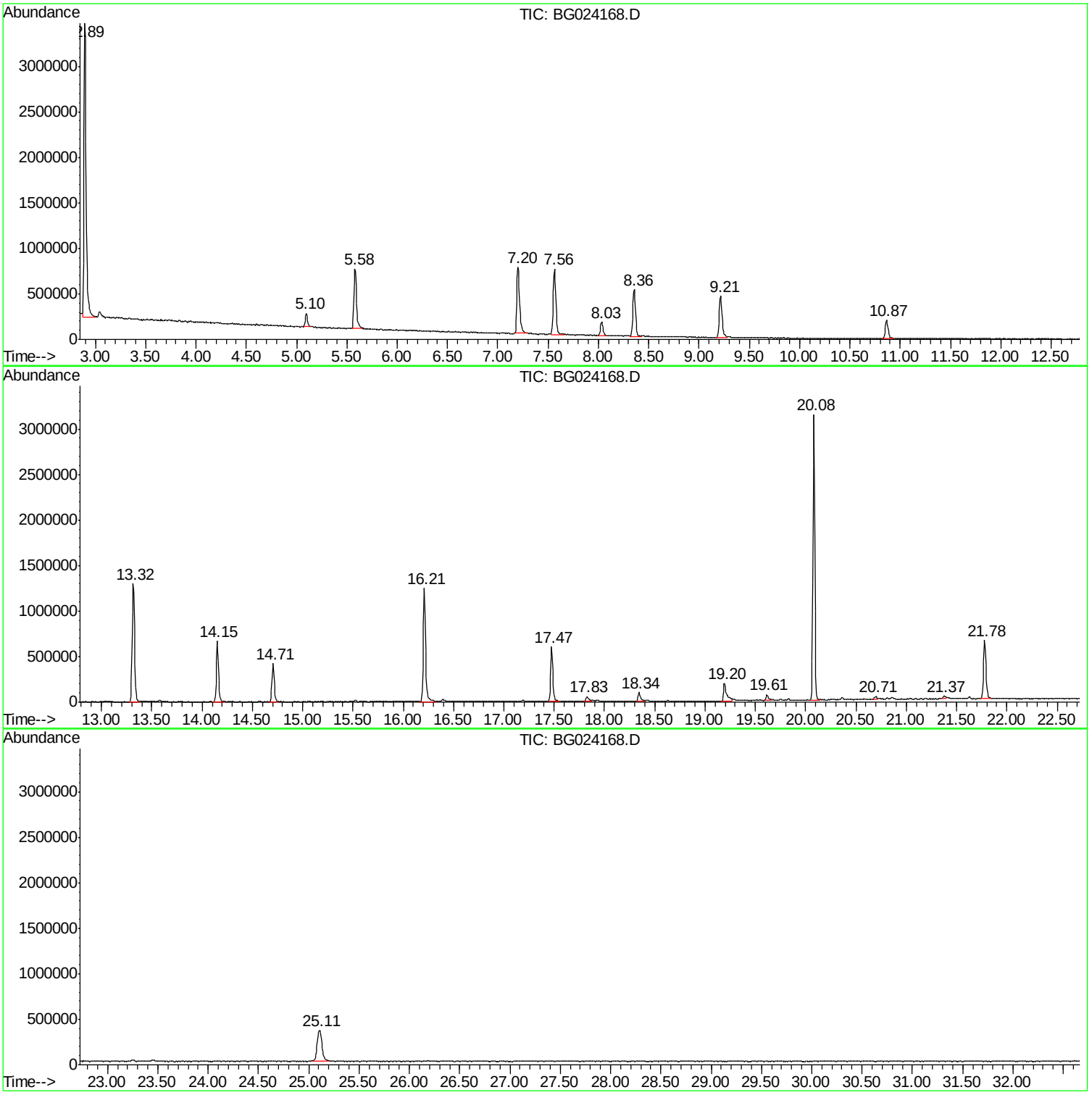
ClientSampleId :
SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.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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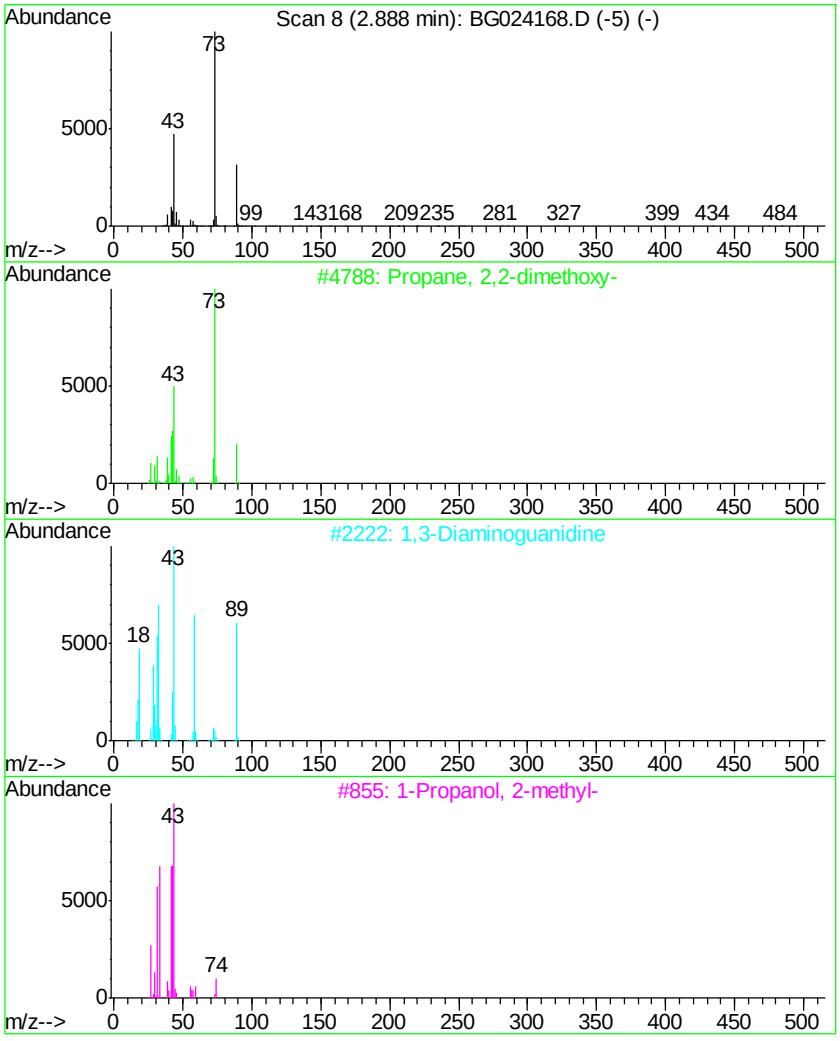
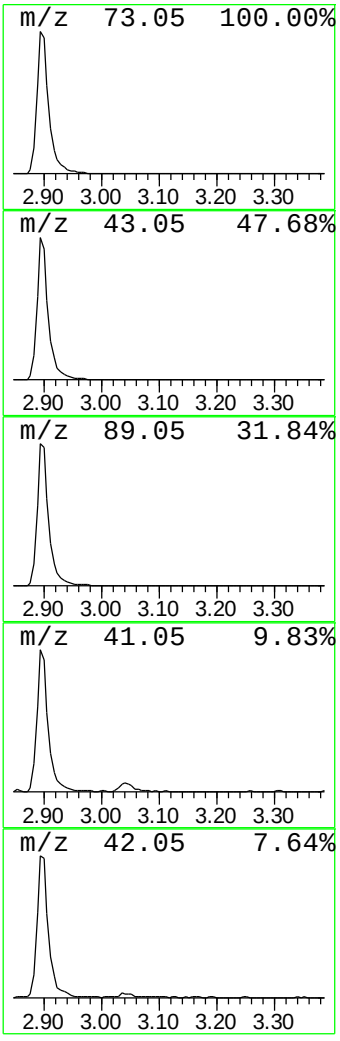
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	349.96 ng	4644370	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoguanidine	89	CH7N5	004364-78-7	17
3	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9





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Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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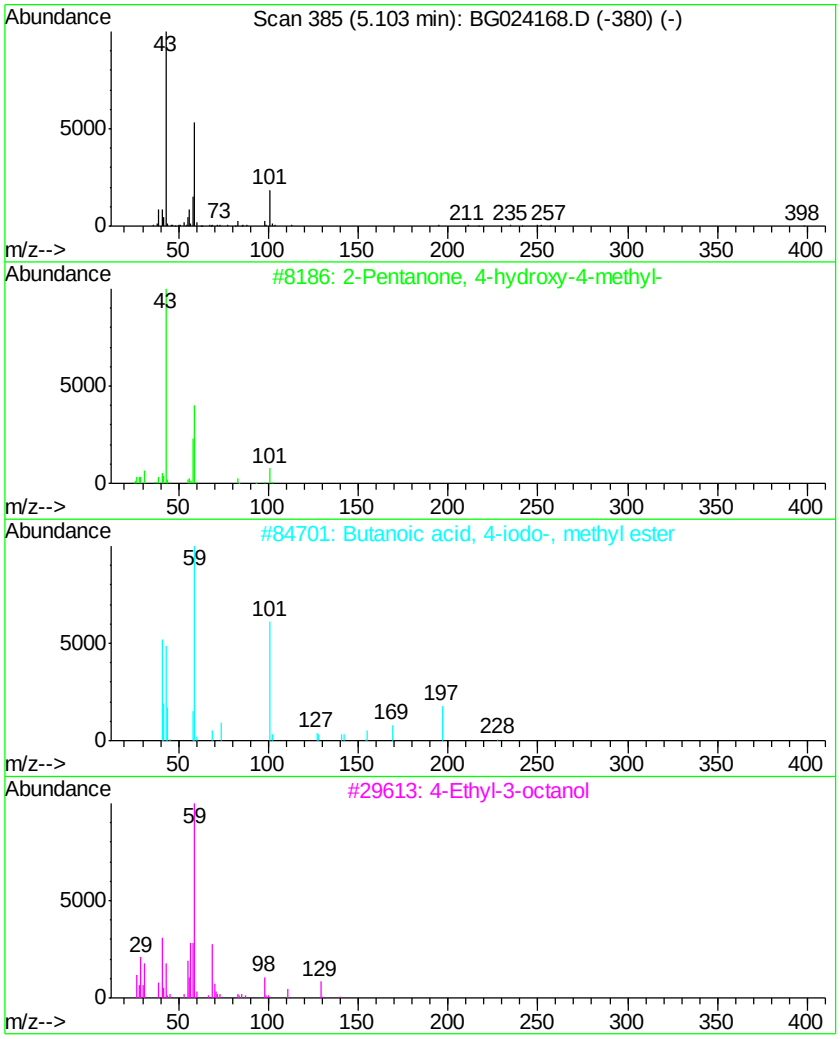
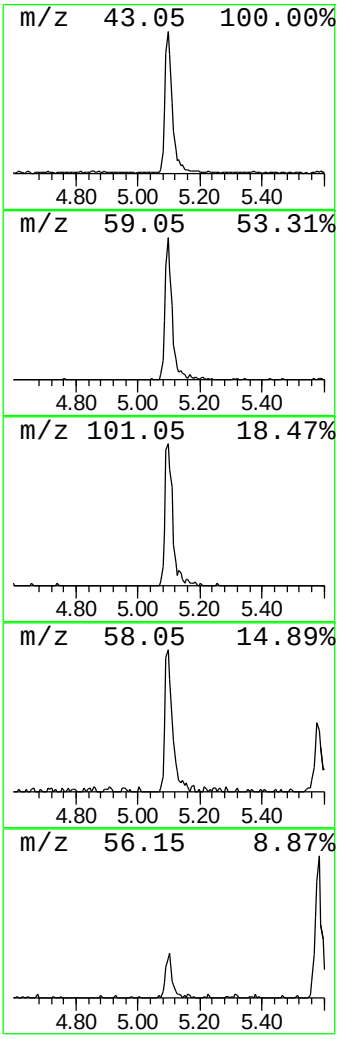
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	16.31 ng	216391	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Butanoic acid, 4-iodo-, methyl e...	228	C5H9IO2	014273-85-9	25
3	4-Ethyl-3-octanol	158	C10H22O	019781-26-1	23
4	2,2,3,3,5,8,11-Heptamethyl-4,7,1...	348	C18H40O4Si	1000367-07-2	23
5	Butanedioic acid, diazo-, dimeth...	172	C6H8N2O4	055514-36-8	23





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Operator : UM/SJ
Sample : H4998-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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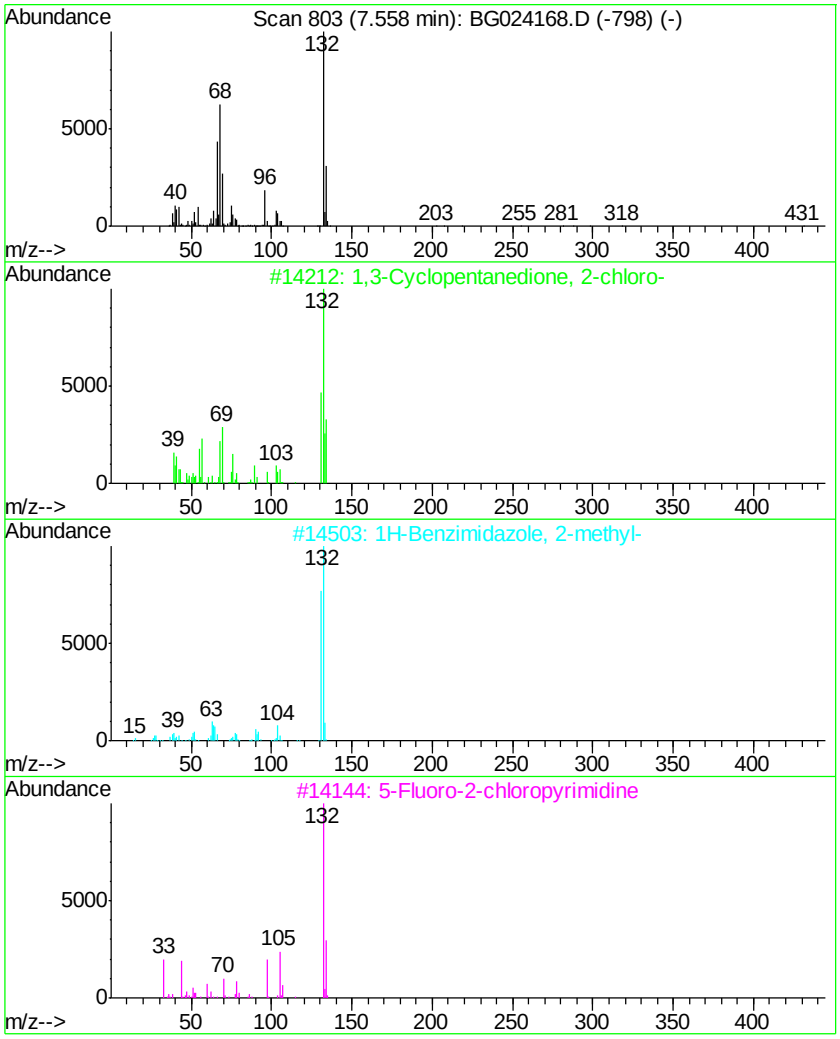
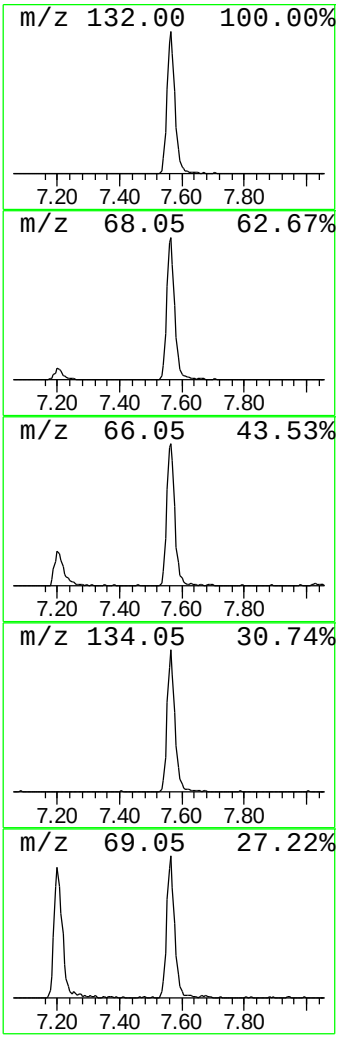
Peak Number 3 unknown7.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	97.43 ng	1293040	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14





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Operator : UM/SJ
Sample : H4998-01
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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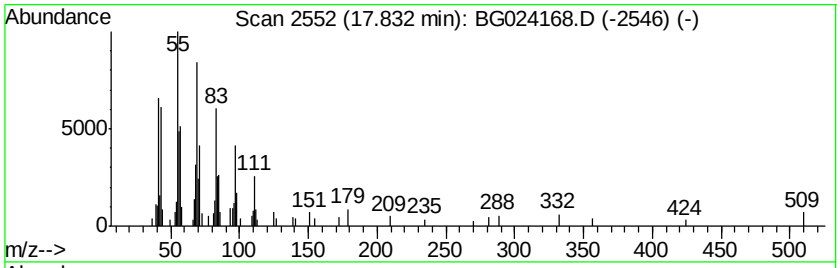
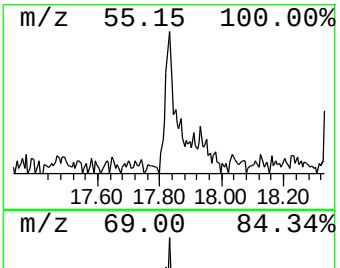
Peak Number 5 Cetene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	2.35 ng	112900	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	90
2	Cyclohexadecane	224	C16H32	000295-65-8	86
3	Chloroacetic acid, dodecyl ester	262	C14H27ClO2	006316-04-7	86
4	7-Heptadecene, 1-chloro-	272	C17H33Cl	056554-78-0	76
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	72





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Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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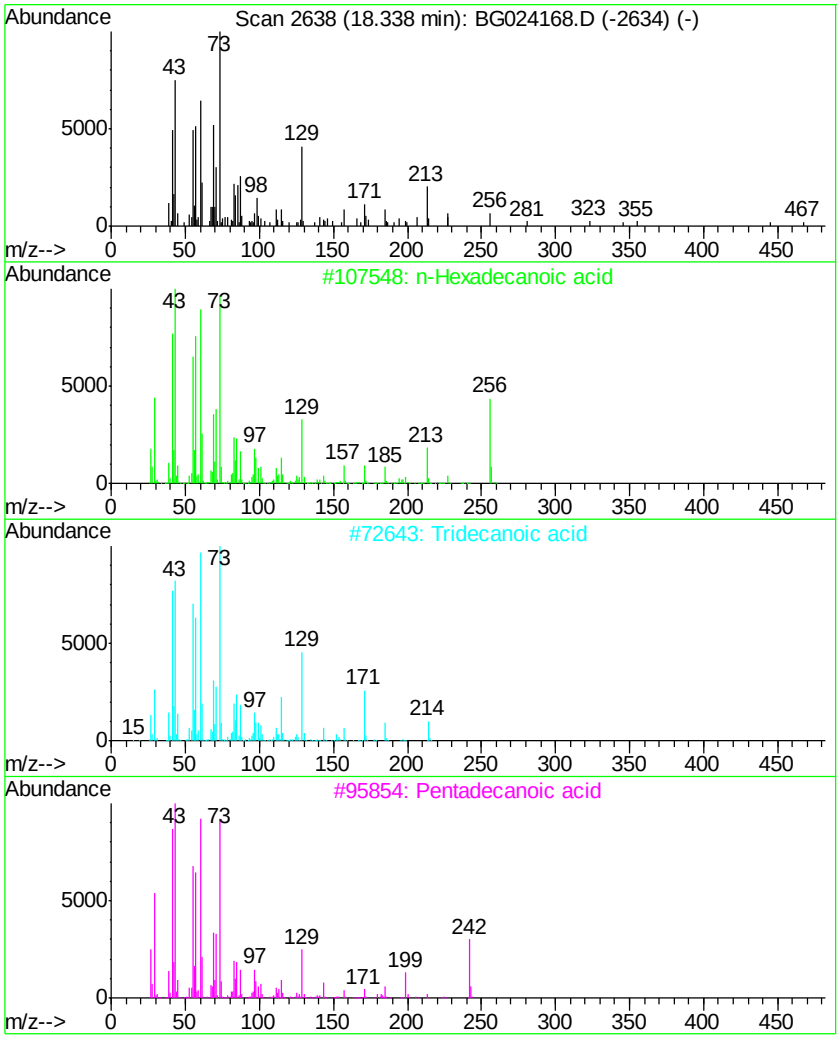
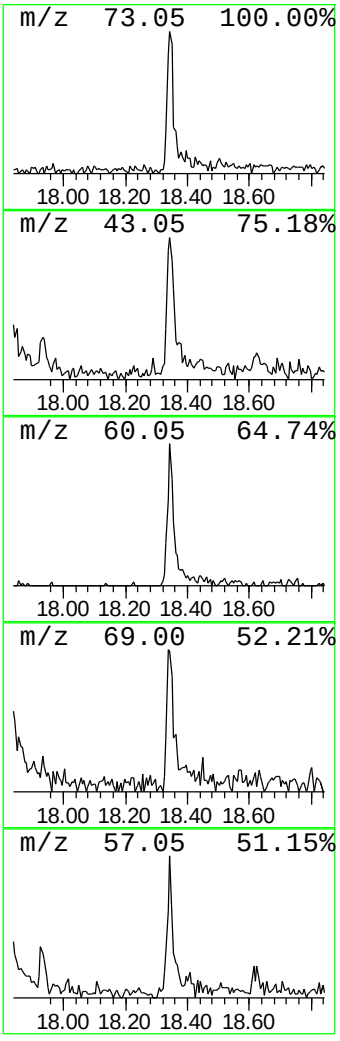
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	3.37 ng	161997	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	n-Decanoic acid	172	C10H20O2	000334-48-5	55





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Instrument : BNA_G
ClientSampleId : SUP-B044-1-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
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TIC Library : C:\DATABASE\NIST11.L
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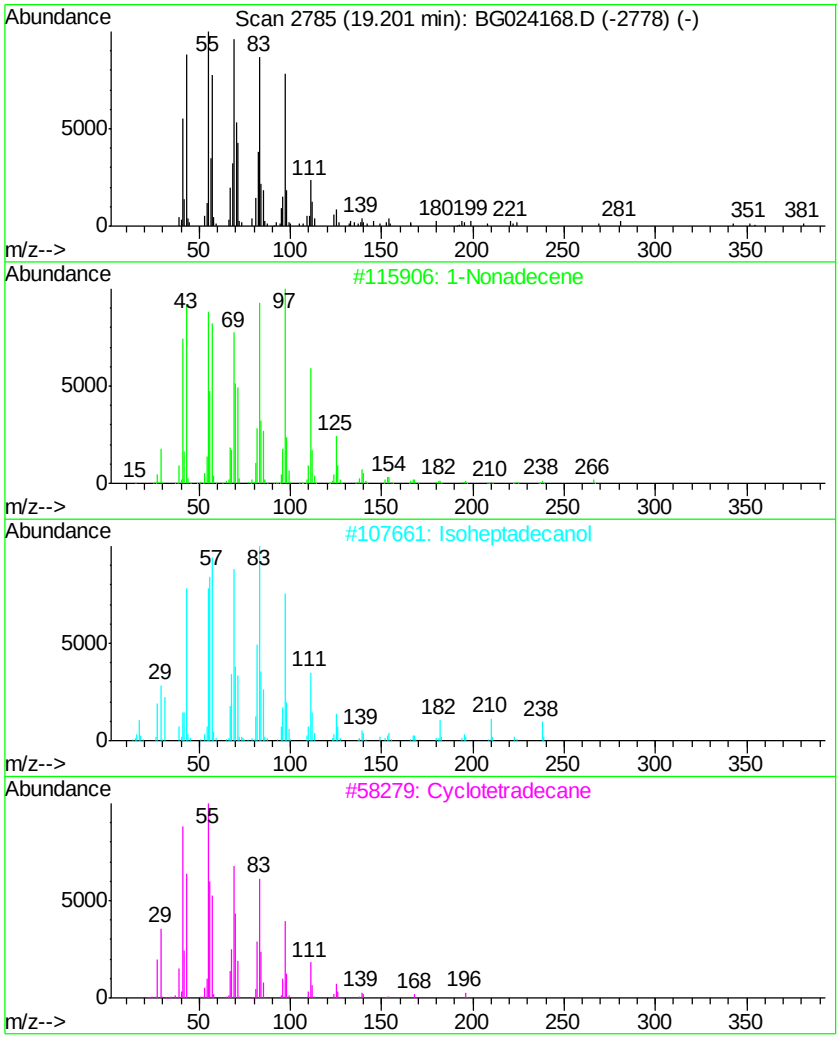
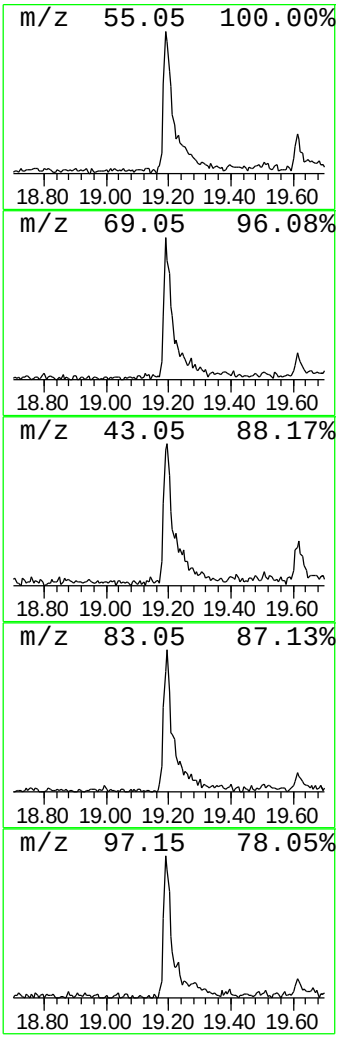
Peak Number 7 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	9.07 ng	436113	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	91
2	Isoheptadecanol	256	C17H36O	057289-07-3	91
3	Cyclotetradecane	196	C14H28	000295-17-0	90
4	11-Tricosene	322	C23H46	052078-56-5	87
5	n-Heptadecanol-1	256	C17H36O	001454-85-9	87





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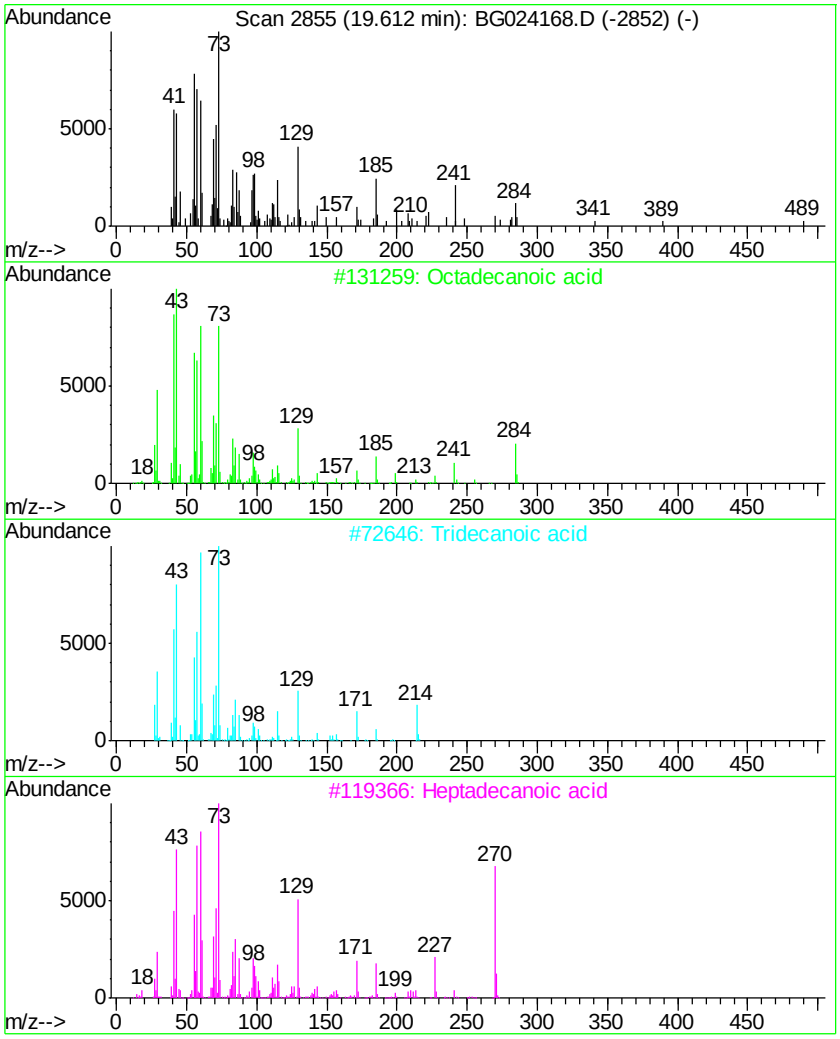
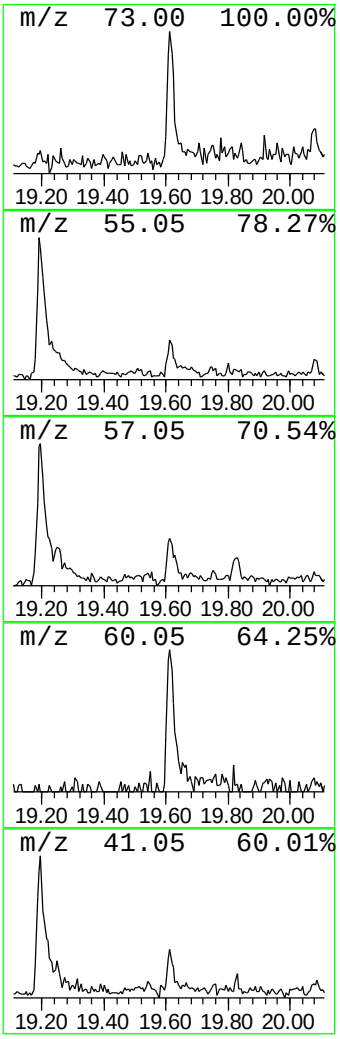
Peak Number 8 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.61	2.21 ng	106288	Phenanthrene-d10	17.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	83
3	Heptadecanoic acid	270	C17H34O2	000506-12-7	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52





Tentatively Identified Compound (LSC) summary

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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...	2.89	350.0	ng	4644370	1	8.03	265420	20.0
2-Pentanone, 4-hy...	5.10	16.3	ng	216391	1	8.03	265420	20.0
unknown7.56	7.56	97.4	ng	1293040	1	8.03	265420	20.0
Cetene	17.83	2.4	ng	112900	4	17.47	961448	20.0
n-Hexadecanoic acid	18.34	3.4	ng	161997	4	17.47	961448	20.0
1-Nonadecene	19.20	9.1	ng	436113	4	17.47	961448	20.0
Octadecanoic acid	19.61	2.2	ng	106288	4	17.47	961448	20.0