LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019975.D
Acq On : 6 Dec 2015 20:16
Operator : UM/NP
Sample : G4587-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

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-BG120215.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	3.140	44	51	59	rBV	104765	229926	6.79%	1.400%
2	3.216	59	64	78	rVB	313263	500437	14.78%	3.048%
3	5.191	393	400	409	rBV	94841	144465	4.27%	0.880%
4	5.655	471	479	487	rBV	376968	614380	18.15%	3.742%
5	7.259	745	752	760	rVB	270724	450908	13.32%	2.746%
6	7.641	810	817	826	rVB	667525	1136777	33.58%	6.923%
7	8.111	891	897	904	rBV	137020	233114	6.89%	1.420%
8	8.440	945	953	961	rBV	579213	985634	29.12%	6.003%
9	9.280	1088	1096	1104	rBV	516856	906019	26.76%	5.518%
10	10.931	1370	1377	1384	rBV	202684	356267	10.52%	2.170%
11	13.369	1784	1792	1800	rBV	1499590	2297802	67.88%	13.994%
12	14.744	2018	2026	2034	rBV3	340549	574845	16.98%	3.501%
13	16.225	2271	2278	2288	rBV	1287952	1897662	56.06%	11.557%
14	16.953	2397	2402	2408	rBV2	20538	48355	1.43%	0.294%
15	17.482	2485	2492	2500	rBV	475883	701761	20.73%	4.274%
16	18.358	2636	2641	2646	rBV2	65714	94118	2.78%	0.573%
17	19.621	2852	2856	2862	rBV2	82965	119516	3.53%	0.728%
18	20.085	2929	2935	2943	rBV	2591496	3385284	100.00%	20.617%
19	21.383	3152	3156	3161	rBV5	29687	42532	1.26%	0.259%
20	21.754	3212	3219	3227	rBV	534699	891665	26.34%	5.430%
21	25.032	3767	3777	3790	rVB2	280221	808485	23.88%	4.924%

Sum of corrected areas: 16419952

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Operator : UM/NP
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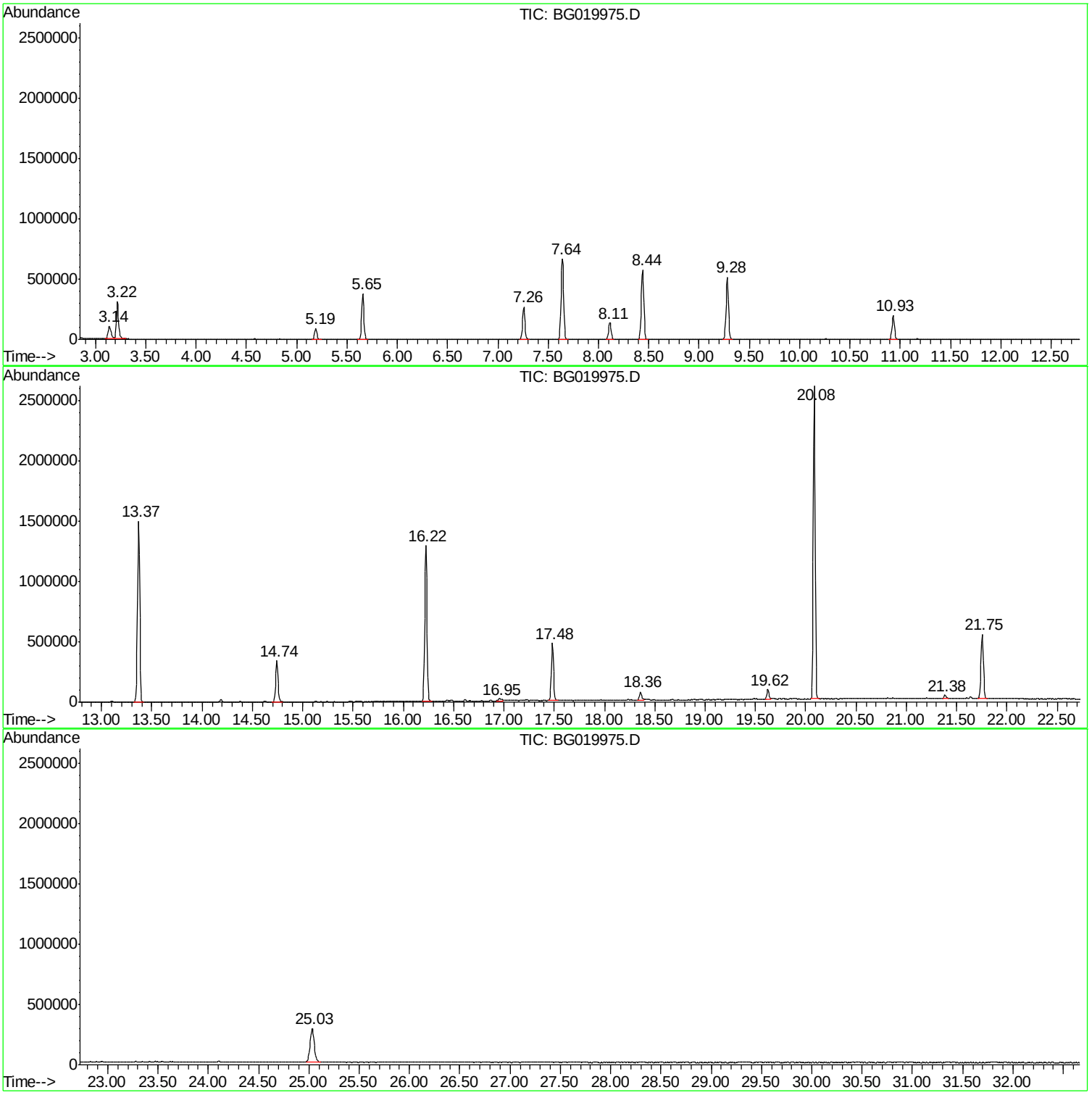
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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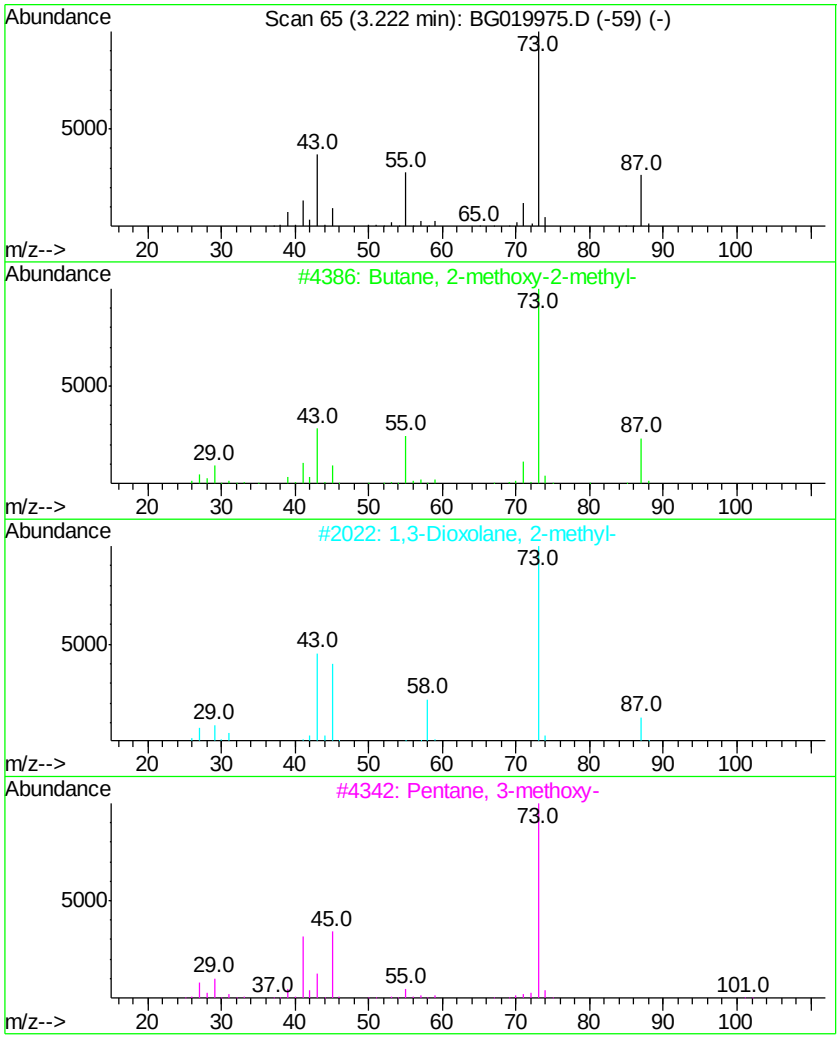
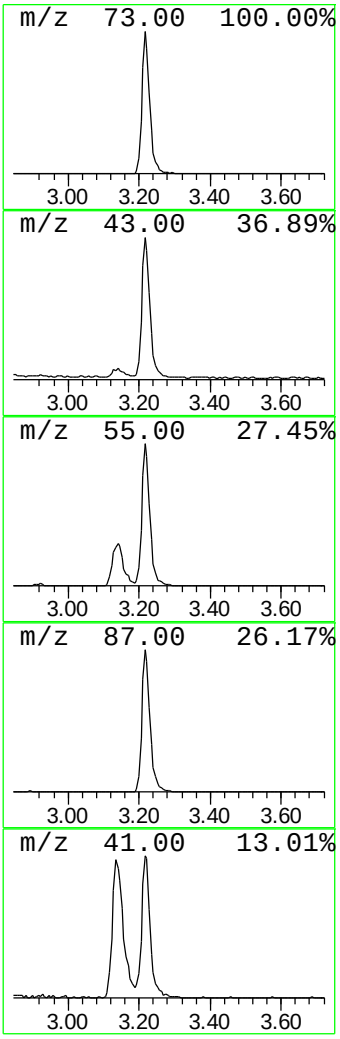
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	42.94 ng	500437	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





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Sample : G4587-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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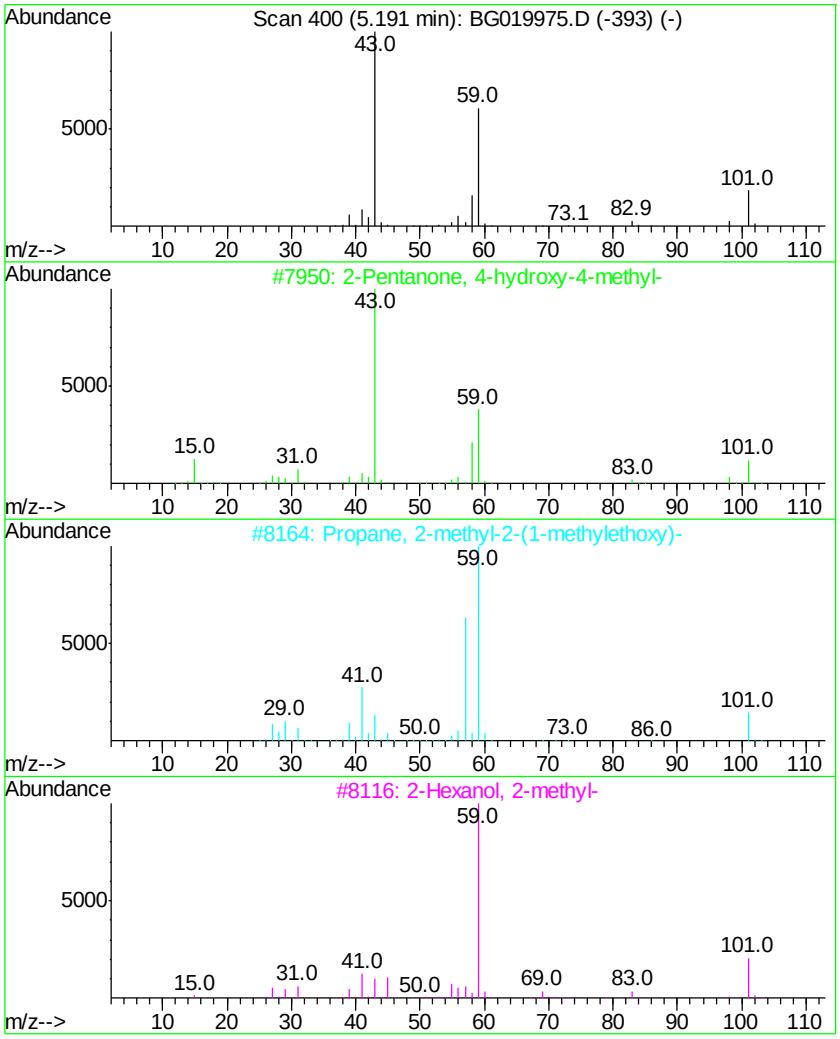
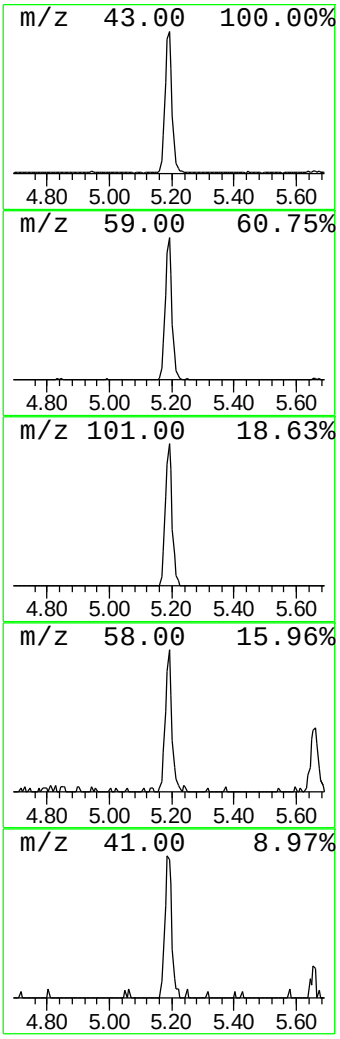
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	12.39 ng	144465	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	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23





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Operator : UM/NP
Sample : G4587-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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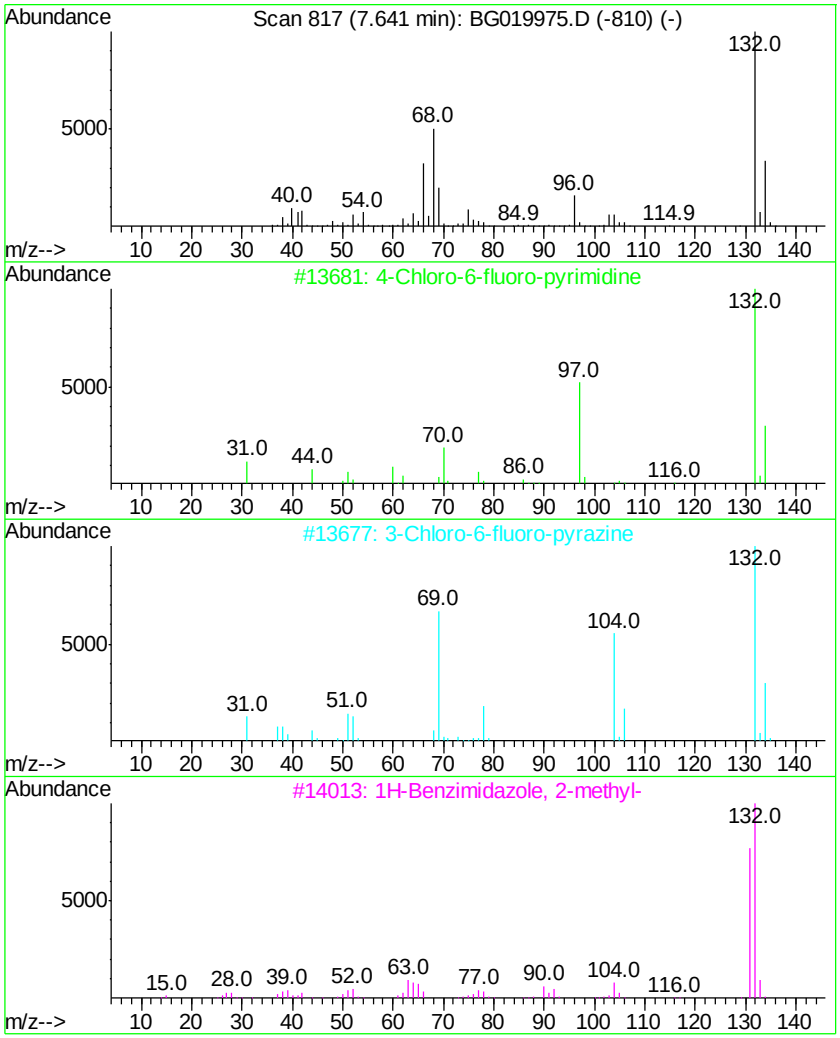
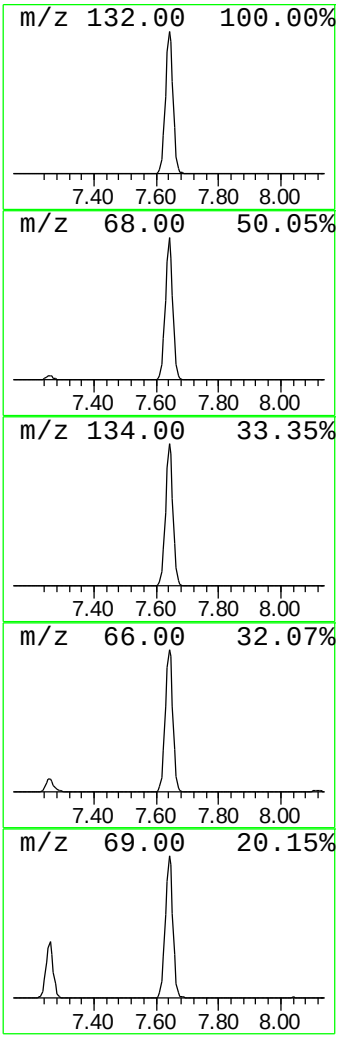
Peak Number 4 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	97.53 ng	1136780	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	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	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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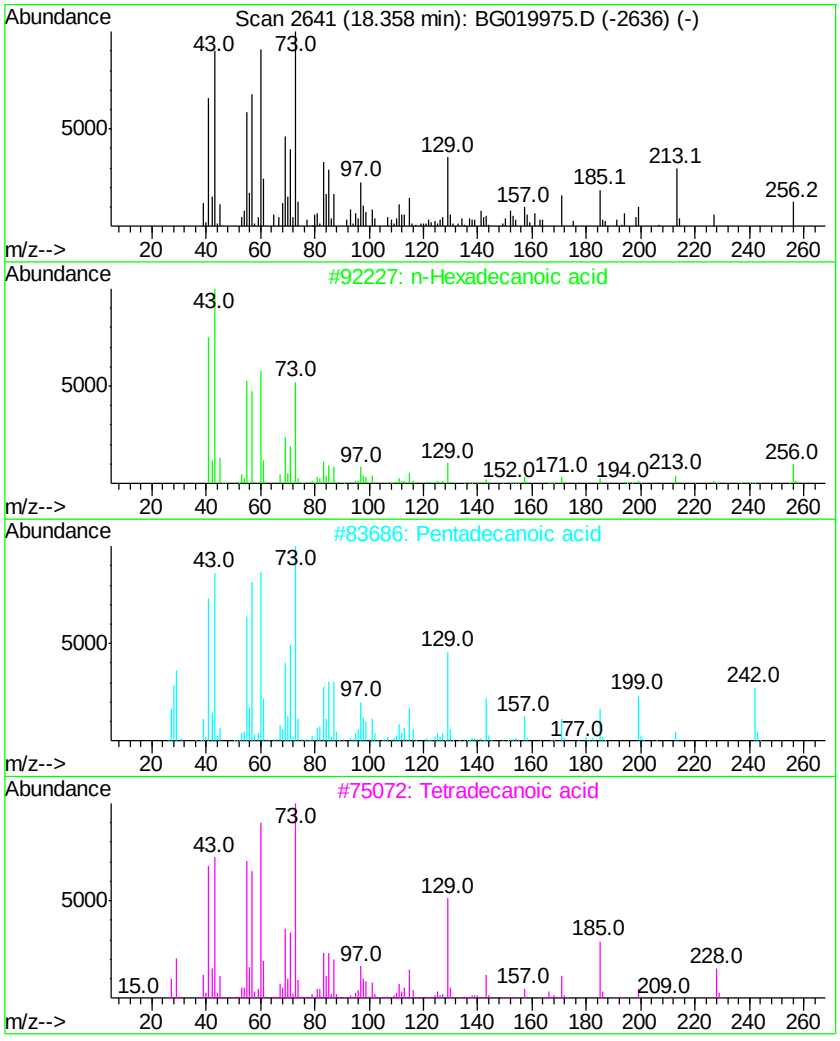
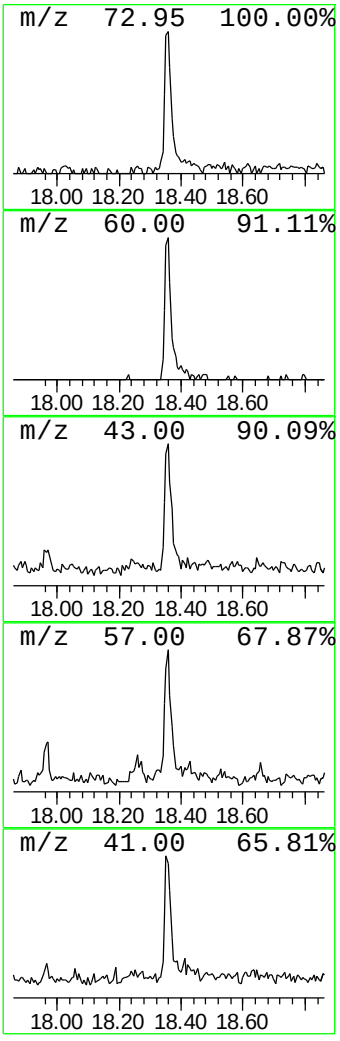
Peak Number 6 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	2.68 ng	94118	Phenanthrene-d10	17.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120615\
Data File : BG019975.D
Acq On : 6 Dec 2015 20:16
Operator : UM/NP
Sample : G4587-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-02

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

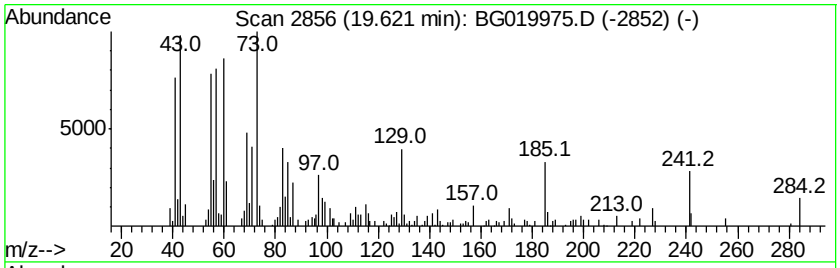
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

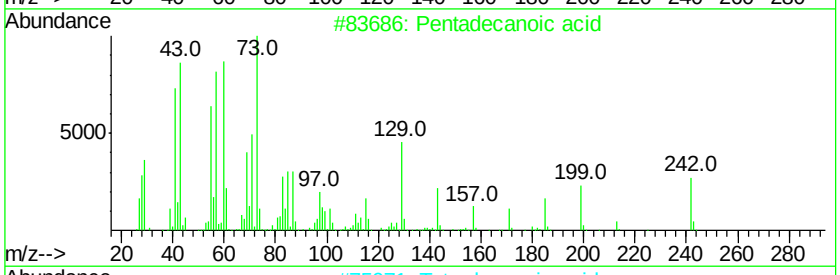
****

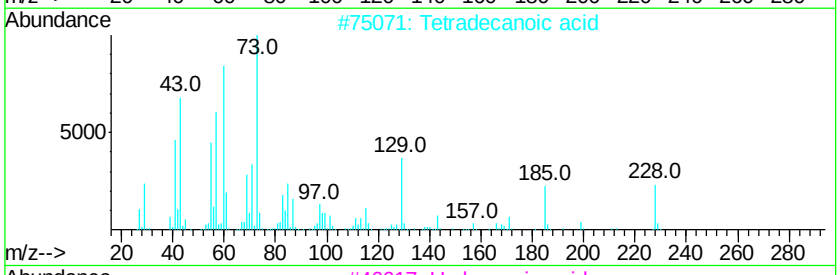
Peak Number 7 Pentadecanoic acid Concentration Rank 7

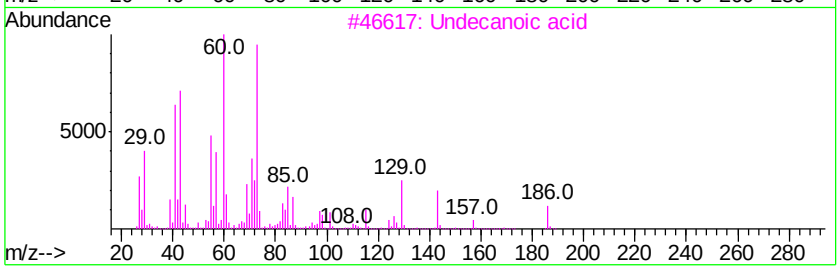
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.68 ng	119516	Chrysene-d12	21.75

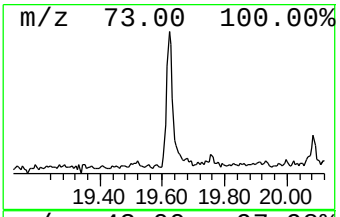
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	Undecanoic acid	186	C11H22O2	000112-37-8	58
4	Dodecanoic acid	200	C12H24O2	000143-07-7	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	50

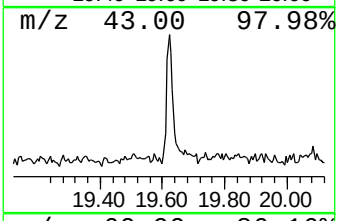


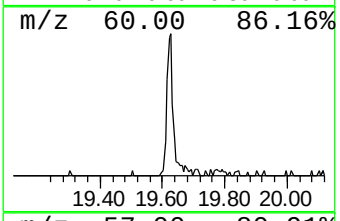


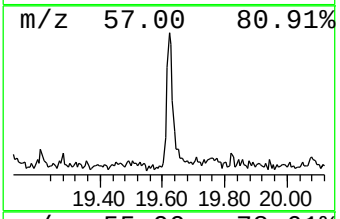


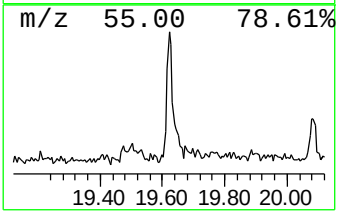












Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.22	42.9	ng	500437	1	8.12	233114	20.0
2-Pentanone, 4-hy...	5.19	12.4	ng	144465	1	8.12	233114	20.0
unknown7.64	7.64	97.5	ng	1136780	1	8.12	233114	20.0
n-Hexadecanoic acid	18.36	2.7	ng	94118	4	17.48	701761	20.0
Pentadecanoic acid	19.62	2.7	ng	119516	5	21.75	891665	20.0