LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030818\
Data File : BG033046.D
Acq On : 8 Mar 2018 18:31
Operator : SJ/JU
Sample : J1831-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-1-4-BLUE-STONE-DGA

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-BG022118.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	3.347	5	10	18	rVB	33957	61370	1.95%	0.316%
2	3.518	33	39	49	rVV	47011	123015	3.91%	0.634%
3	3.612	49	55	67	rVB	78253	149739	4.77%	0.772%
4	5.820	424	431	440	rBV	35891	60172	1.91%	0.310%
5	6.326	510	517	529	rBV	926036	1621082	51.59%	8.357%
6	8.012	795	804	815	rBV	950833	1774121	56.46%	9.145%
7	8.423	865	874	884	rBV	939933	1703949	54.22%	8.784%
8	8.910	950	957	966	rVB	187204	339945	10.82%	1.752%
9	9.251	1006	1015	1024	rBV	682933	1263050	40.19%	6.511%
10	10.109	1152	1161	1174	rBV	569334	1074713	34.20%	5.540%
11	11.801	1440	1449	1459	rVB	268198	506523	16.12%	2.611%
12	14.156	1843	1850	1861	rBV	1530893	2403490	76.48%	12.390%
13	14.943	1974	1984	1990	rBV	106172	156912	4.99%	0.809%
14	15.525	2076	2083	2093	rVB2	399352	673827	21.44%	3.474%
15	16.294	2210	2214	2219	rVB	25717	31770	1.01%	0.164%
16	16.994	2327	2333	2350	rBV	1068930	1690064	53.78%	8.712%
17	17.146	2354	2359	2371	rVV	28514	51394	1.64%	0.265%
18	18.251	2538	2547	2556	rBV	467652	777755	24.75%	4.009%
19	19.050	2677	2683	2689	rBV2	70696	108943	3.47%	0.562%
20	20.771	2970	2976	2991	rBV	2329733	3142445	100.00%	16.199%
21	22.128	3201	3207	3221	rBV2	80037	204191	6.50%	1.053%
22	22.609	3281	3289	3304	rBV2	393765	772694	24.59%	3.983%
23	26.410	3923	3936	3950	rBV2	195629	707796	22.52%	3.649%

Sum of corrected areas: 19398960

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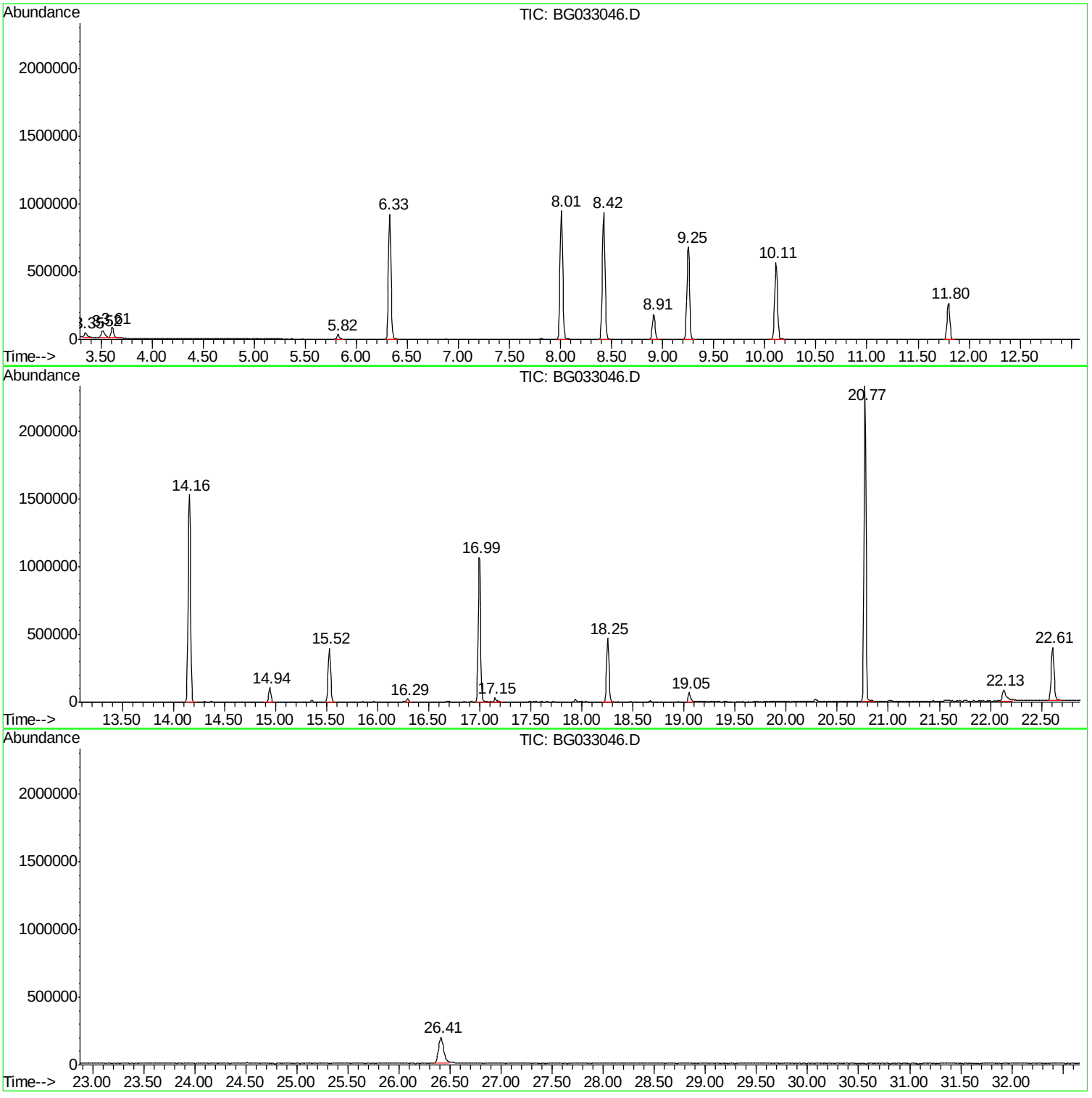
Instrument :
BNA_G
ClientSampleId :
1-1-4-BLUE-STONE-DGA

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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Data File : BG033046.D
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Sample : J1831-01
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ClientSampleId : 1-1-4-BLUE-STONE-DGA

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
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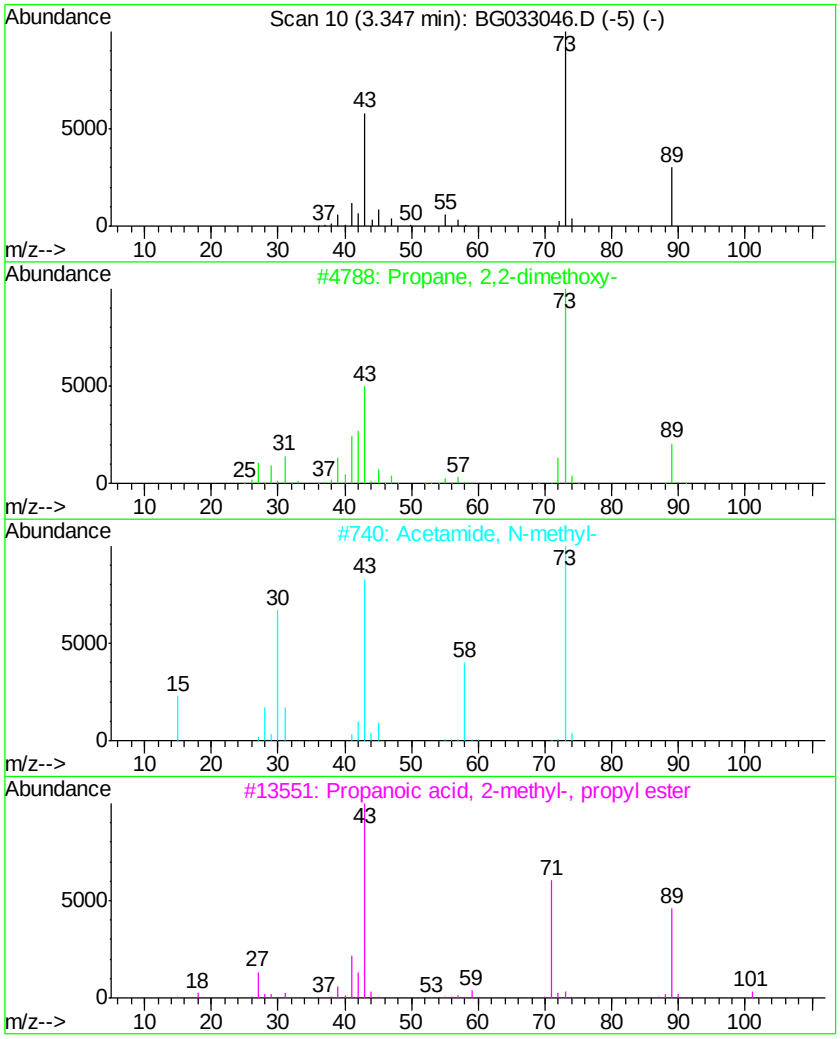
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

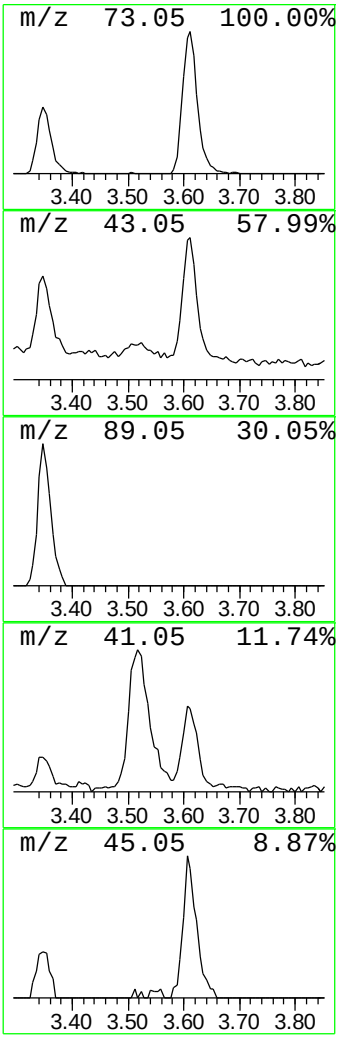
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.35	3.61 ng	61370	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	43
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-1-4-BLUE-STONE-DGA

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.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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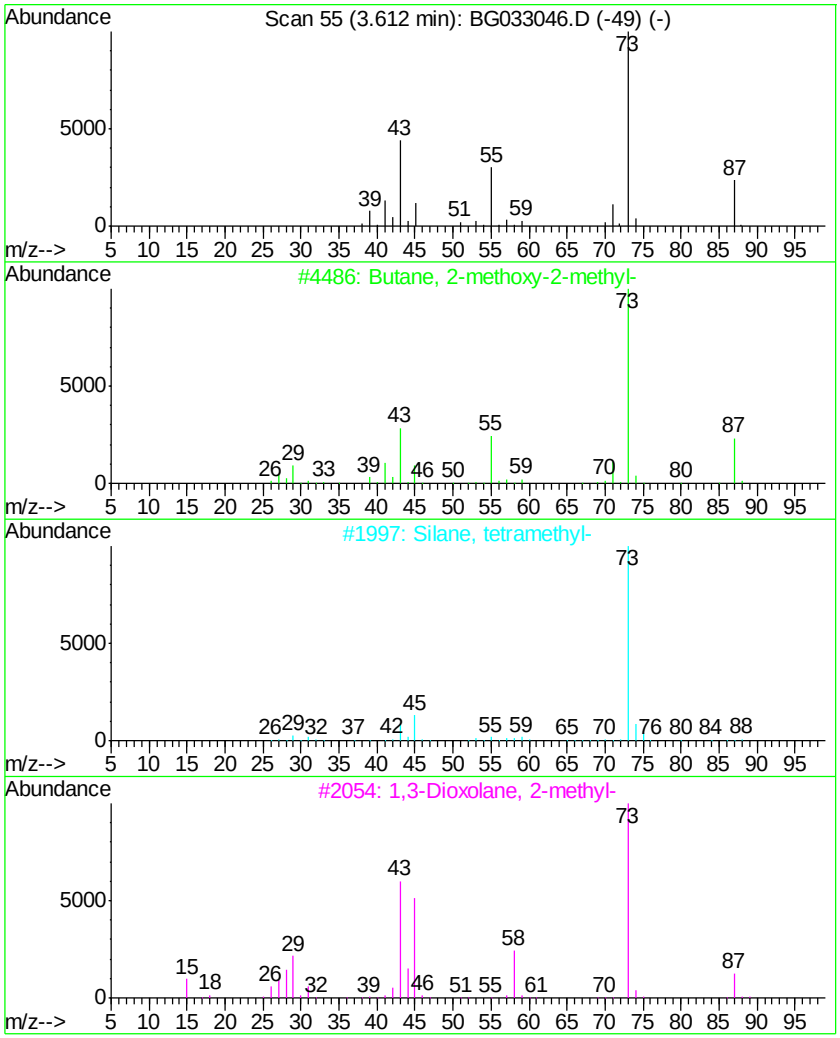
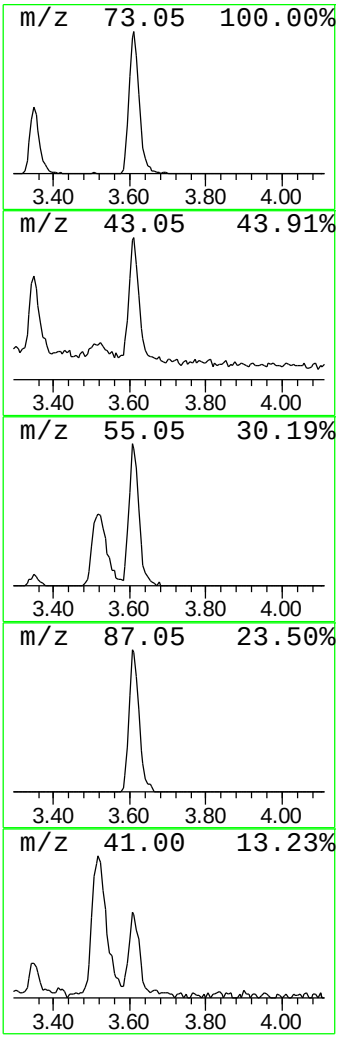
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.61	8.81 ng	149739	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





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Data File : BG033046.D
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Sample : J1831-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 1-1-4-BLUE-STONE-DGA

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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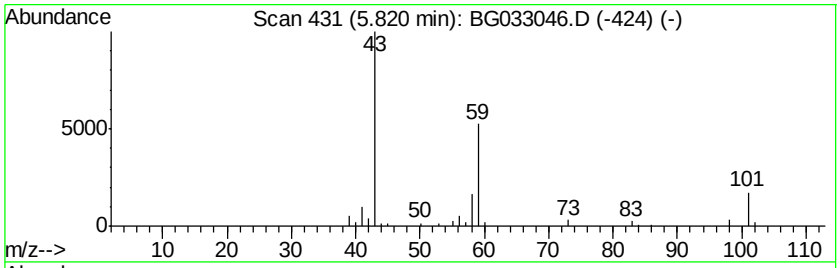
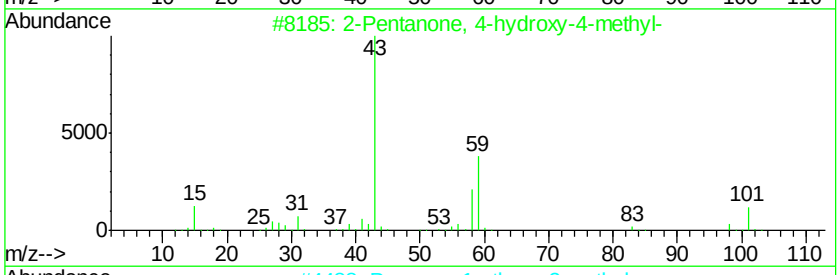
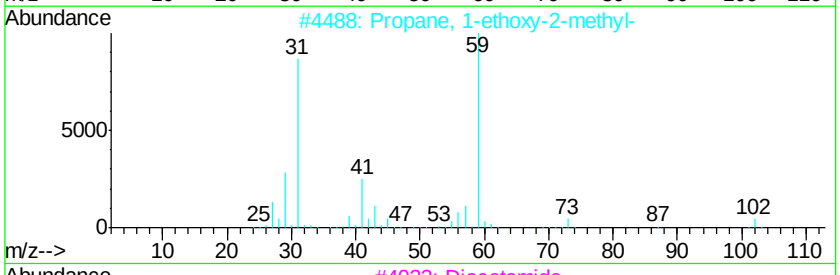
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

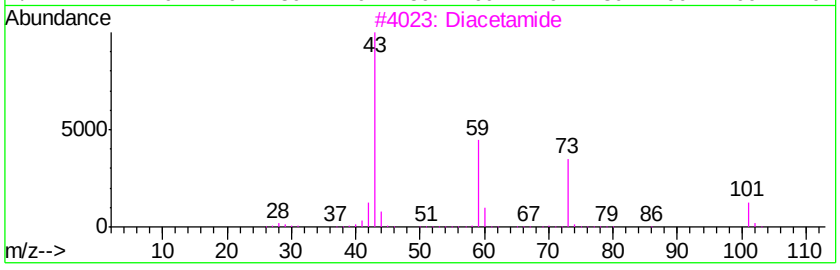
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	3.54 ng	60172	1,4-Dichlorobenzene-d4	8.91

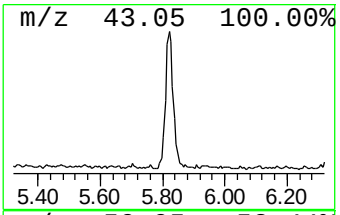
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	43
3	Diacetamide	101	C4H7NO2	000625-77-4	36
4	n-Propyl t-butyl ether	116	C7H16O	1000334-81-9	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25

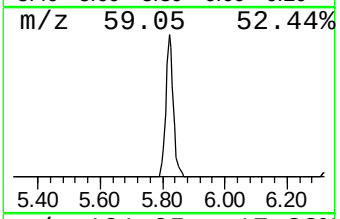


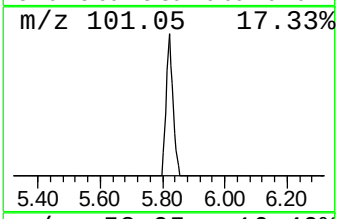


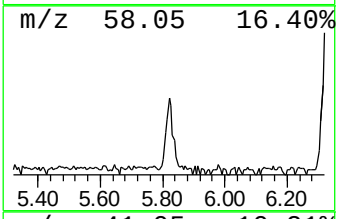


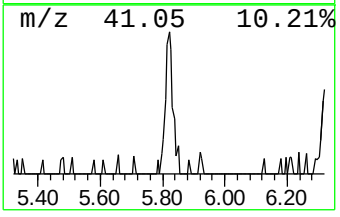












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Instrument : BNA_G
ClientSampleId : 1-1-4-BLUE-STONE-DGA

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

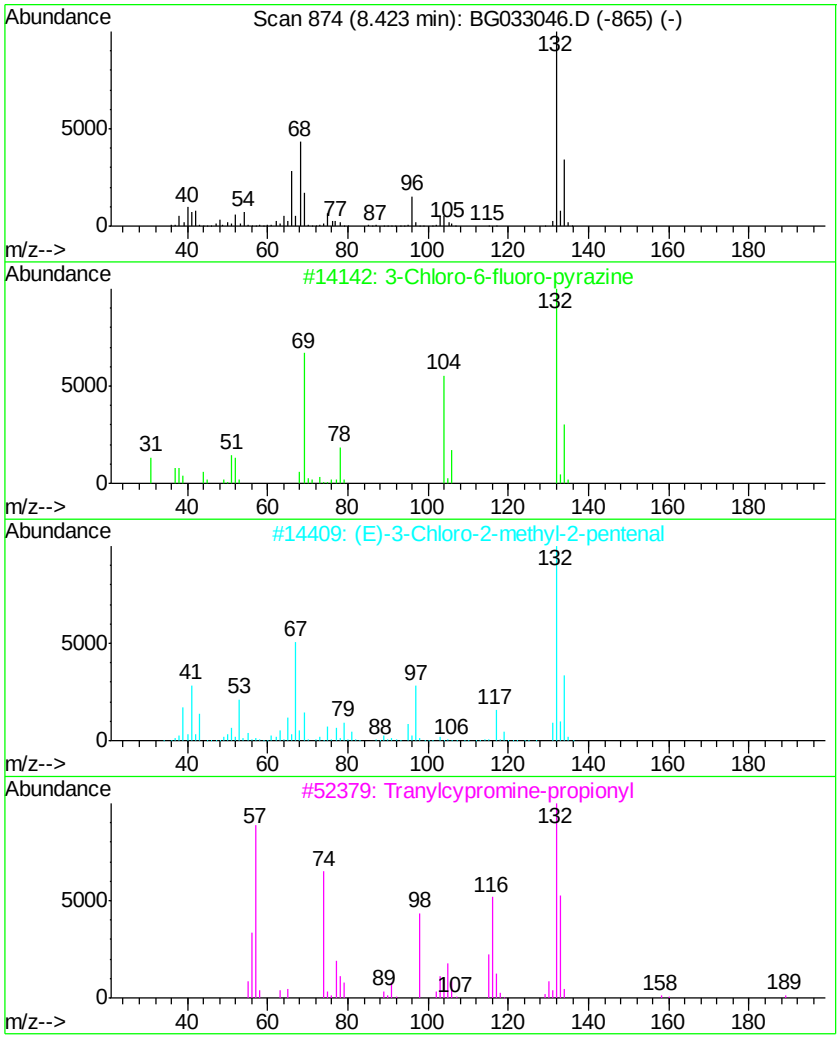
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

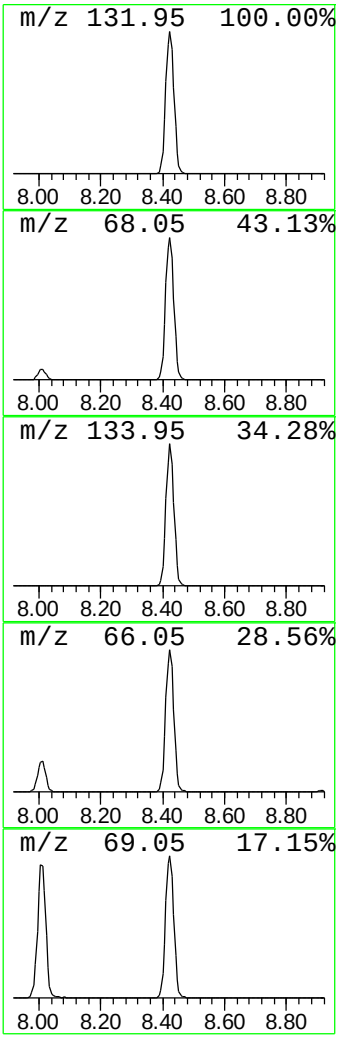
****

Peak Number 5 unknown8.42 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.42	100.25 ng	1703950	1,4-Dichlorobenzene-d4	8.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





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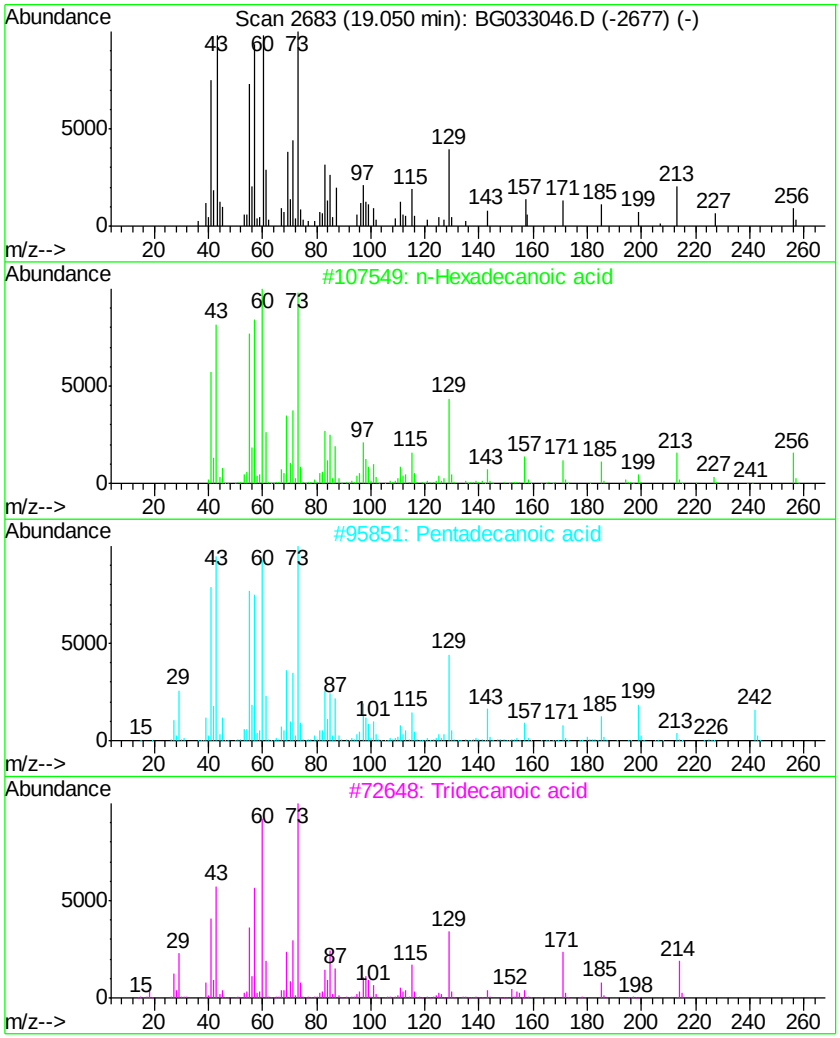
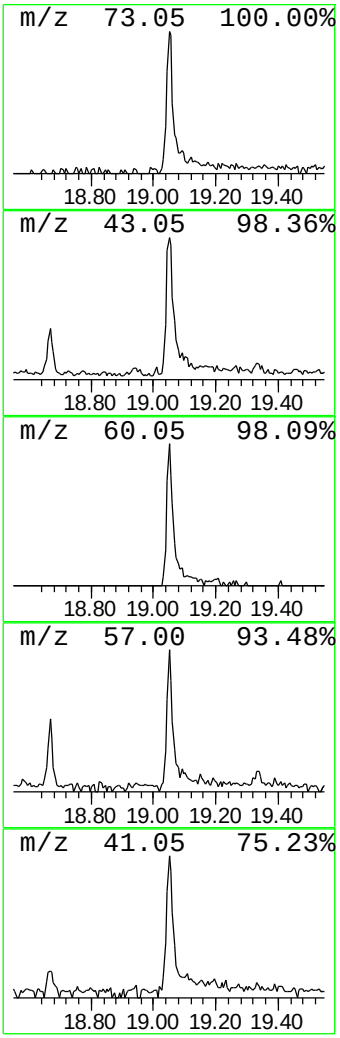
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.05	2.80 ng	108943	Phenanthrene-d10	18.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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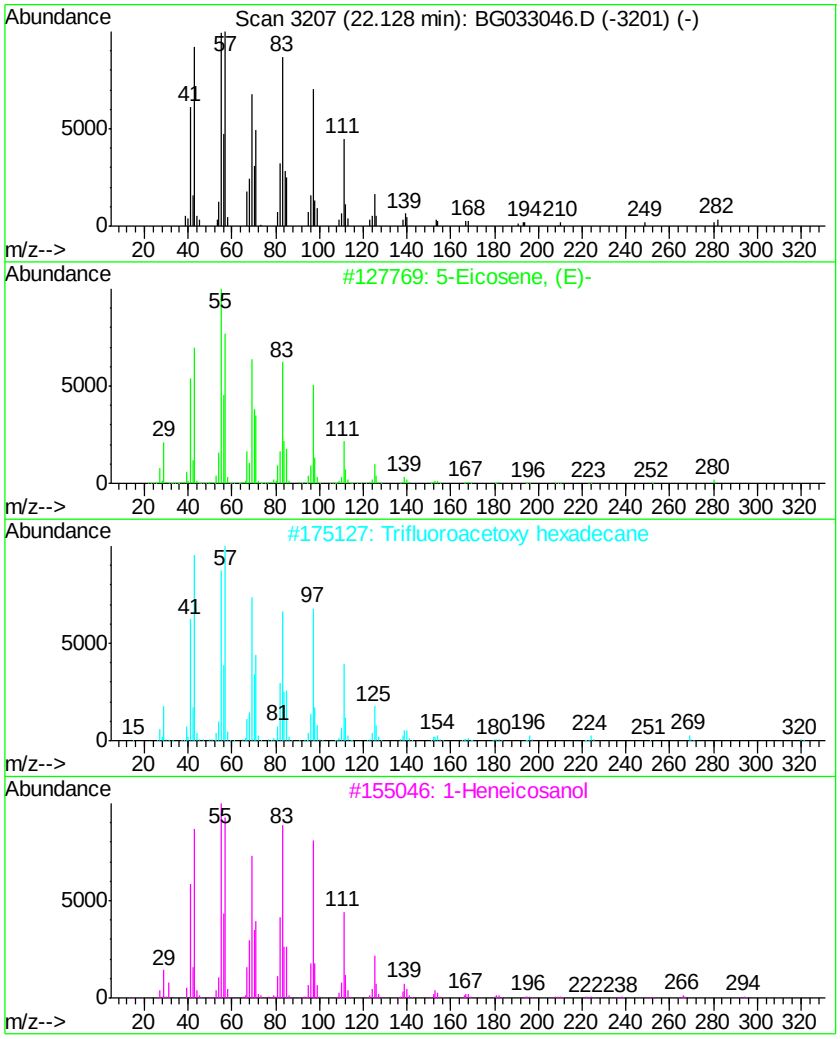
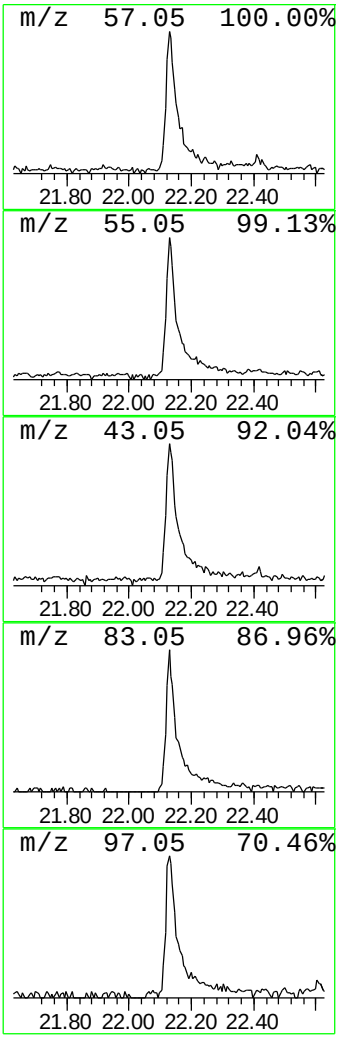
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.13	5.29 ng	204191	Chrysene-d12	22.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.35	3.6	ng	61370	1	8.91	339945	20.0
Butane, 2-methoxy...	3.61	8.8	ng	149739	1	8.91	339945	20.0
2-Pentanone, 4-hy...	5.82	3.5	ng	60172	1	8.91	339945	20.0
unknown8.42	8.42	100.3	ng	1703950	1	8.91	339945	20.0
n-Hexadecanoic acid	19.05	2.8	ng	108943	4	18.26	777755	20.0
5-Eicosene, (E)-	22.13	5.3	ng	204191	5	22.61	772694	20.0