LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040618\
Data File : BG033659.D
Acq On : 7 Apr 2018 10:32
Operator : SJ/JU
Sample : J2225-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

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-BG031918.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	3.481	26	33	42	rBV	148970	289290	7.62%	1.894%
2	3.564	42	47	63	rVB	124359	213247	5.62%	1.396%
3	5.767	417	422	435	rBV	35029	62311	1.64%	0.408%
4	6.284	504	510	526	rBV	134785	306817	8.08%	2.009%
5	7.976	791	798	808	rBV2	75225	207023	5.45%	1.356%
6	8.370	859	865	883	rBV	331796	722137	19.02%	4.729%
7	8.863	942	949	965	rBV2	86555	210820	5.55%	1.380%
8	9.192	997	1005	1021	rBV	505776	1004325	26.45%	6.576%
9	10.062	1145	1153	1173	rBV	400750	947556	24.96%	6.205%
10	11.742	1430	1439	1450	rBV	144681	323965	8.53%	2.121%
11	14.104	1834	1841	1861	rBV	1412844	2499823	65.84%	16.369%
12	14.892	1966	1975	1988	rBV	51475	91535	2.41%	0.599%
13	15.303	2039	2045	2053	rVB	39503	54853	1.44%	0.359%
14	15.473	2068	2074	2085	rBV2	321355	560315	14.76%	3.669%
15	16.237	2200	2204	2210	rBV	53529	71976	1.90%	0.471%
16	16.948	2318	2325	2337	rBV	739695	1288836	33.95%	8.439%
17	17.095	2345	2350	2357	rVB	49703	76046	2.00%	0.498%
18	18.205	2533	2539	2552	rBV	419724	717074	18.89%	4.695%
19	19.004	2669	2675	2681	rBV7	30711	51919	1.37%	0.340%
20	20.726	2962	2968	2981	rBV	2756464	3796576	100.00%	24.860%
21	22.077	3191	3198	3212	rBV3	74261	196888	5.19%	1.289%
22	22.553	3271	3279	3291	rBV	395181	800443	21.08%	5.241%
23	24.416	3591	3596	3603	rVB6	23023	51913	1.37%	0.340%
24	26.314	3908	3919	3936	rBV2	197879	725885	19.12%	4.753%

Sum of corrected areas: 15271573

LSC Report - Integrated Chromatogram

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Misc :
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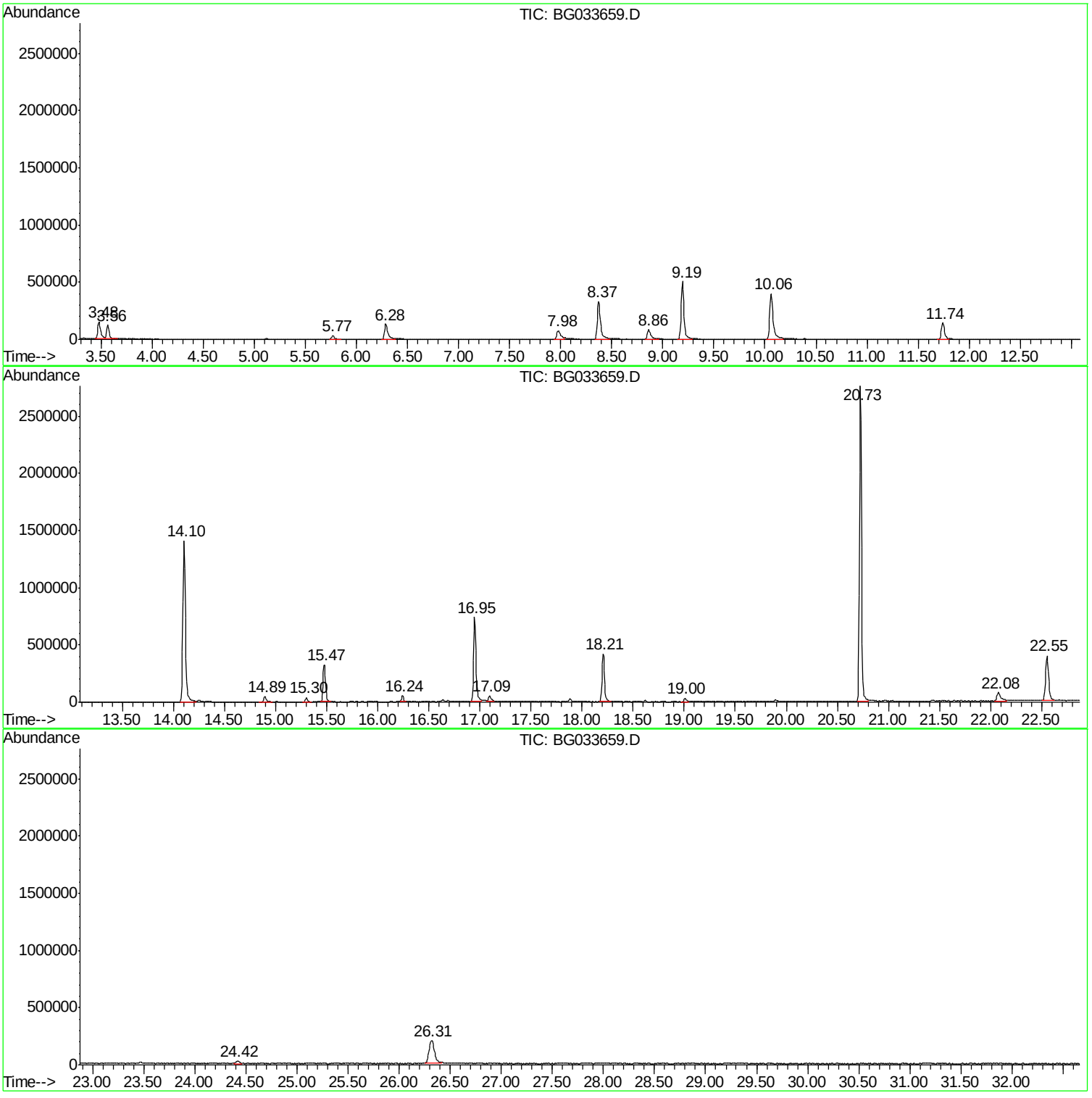
Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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\BG040618\
Data File : BG033659.D
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Operator : SJ/JU
Sample : J2225-04
Misc :
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Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

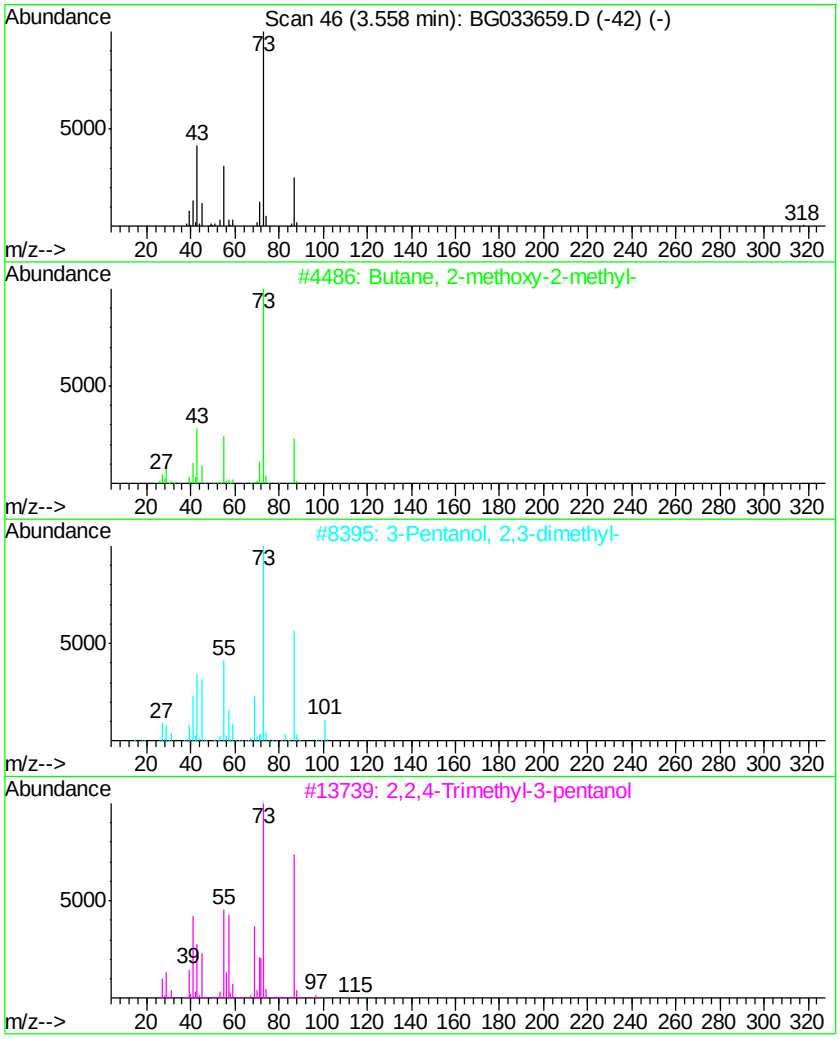
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

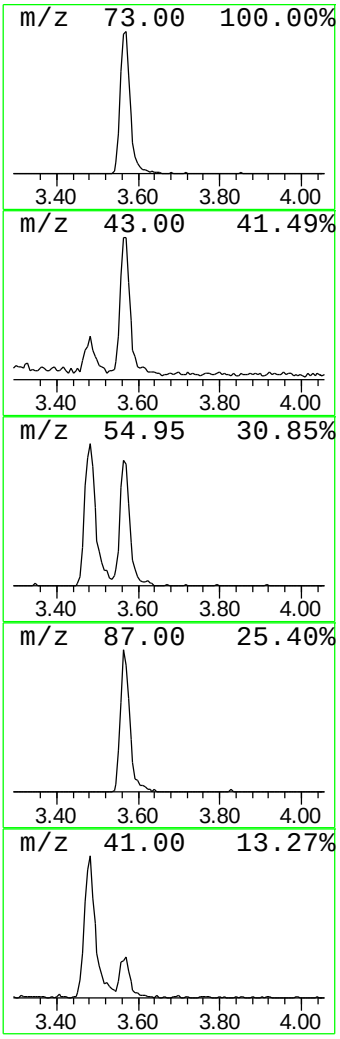
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.56	20.23 ng	213247	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 2,3-dimethyl-	116	C7H16O	000595-41-5	53
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	38
5	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36





Library Search Compound Report

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Operator : SJ/JU
Sample : J2225-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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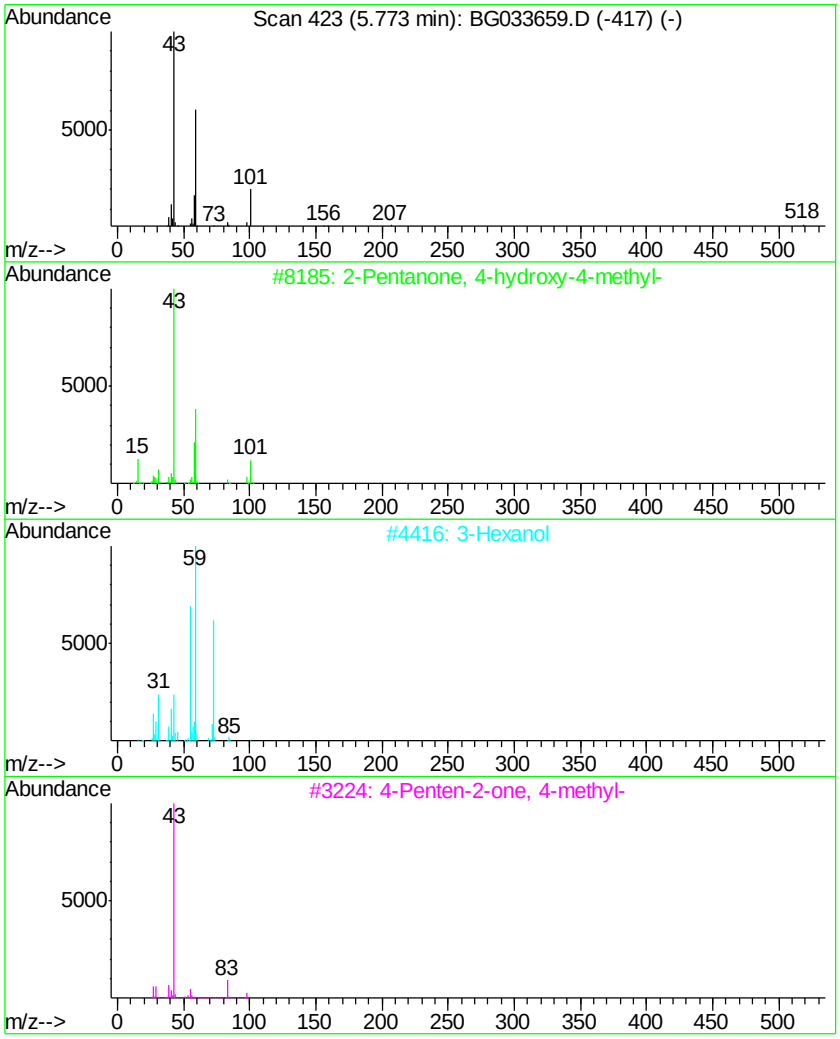
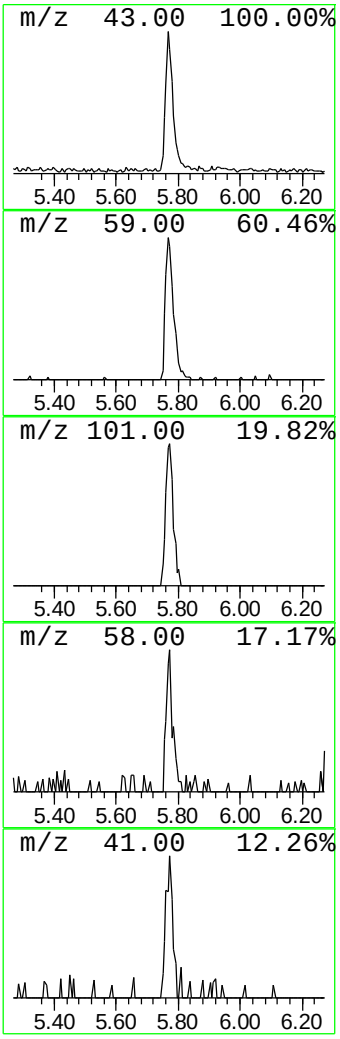
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	5.91 ng	62311	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol	102	C6H14O	000623-37-0	23
3	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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Data File : BG033659.D
Acq On : 7 Apr 2018 10:32
Operator : SJ/JU
Sample : J2225-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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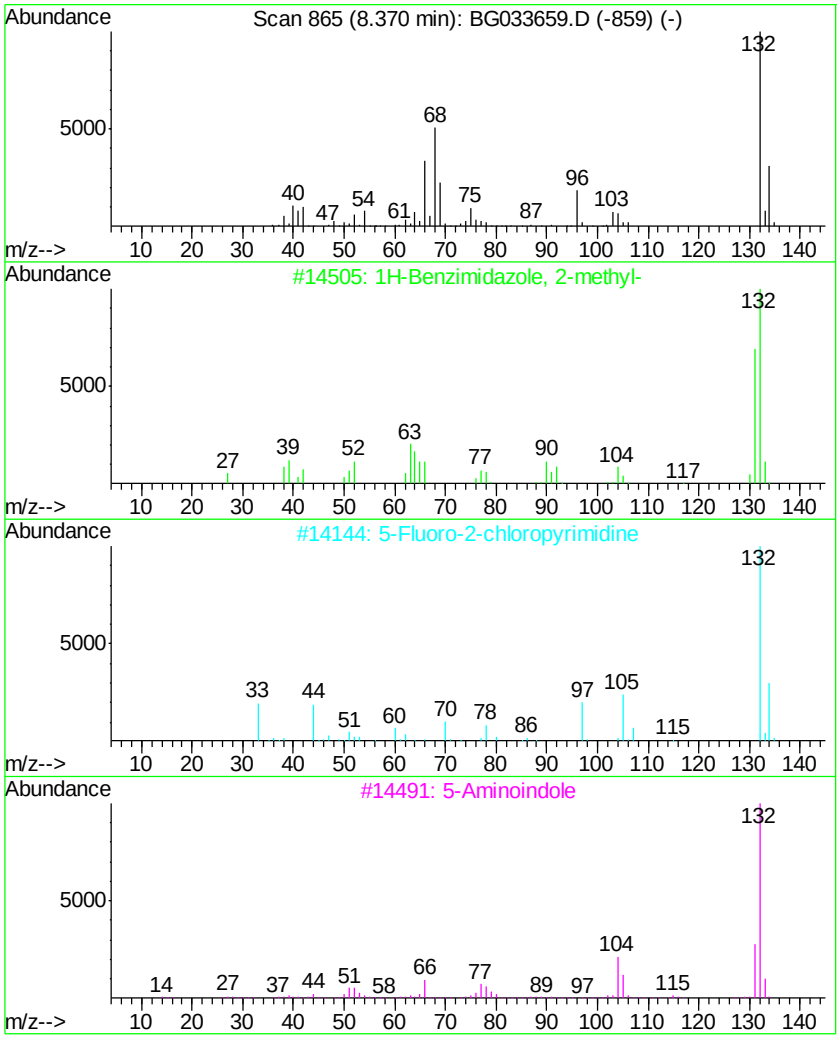
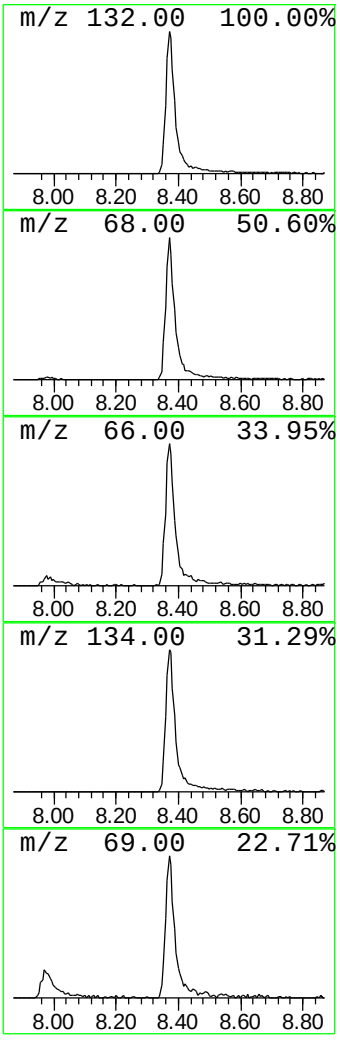
Peak Number 4 unknown8.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	68.51 ng	722137	1,4-Dichlorobenzene-d4	8.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	12
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	1H-Tetrazaborole, 5-chloro-4,5-d...	132	C2H6BClN4	021960-49-6	12
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	10





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Sample : J2225-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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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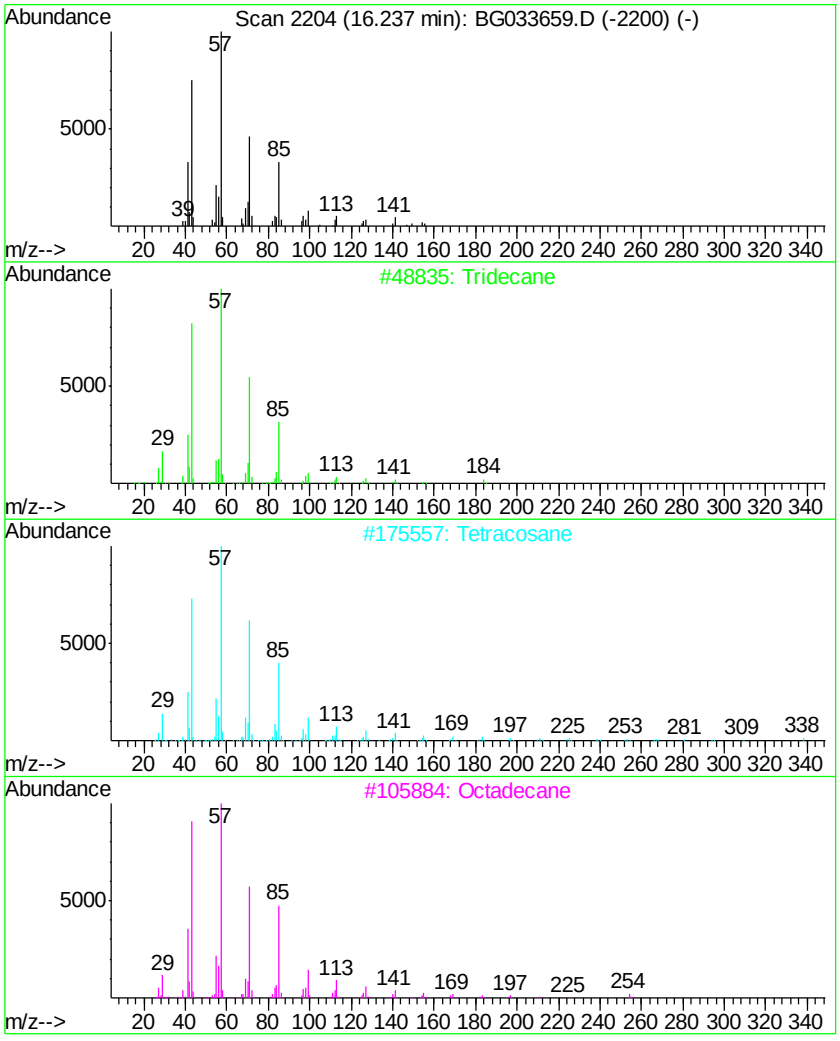
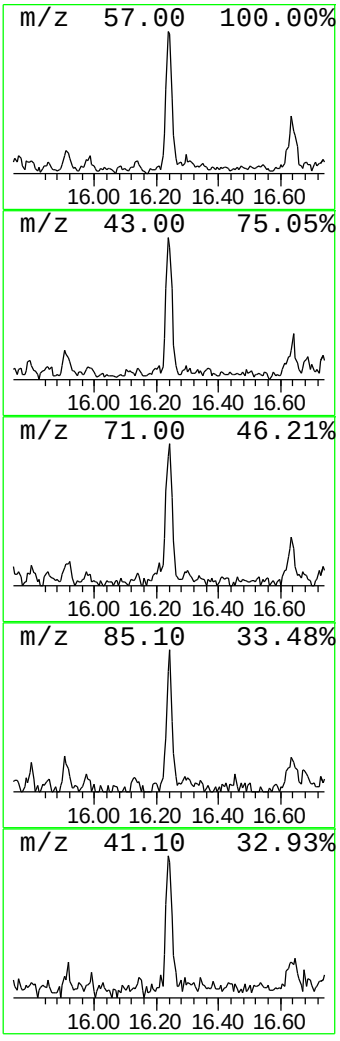
Peak Number 6 Tridecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.57 ng	71976	Acenaphthene-d10	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetracosane	338	C24H50	000646-31-1	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Heptacosane	380	C27H56	000593-49-7	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Sample : J2225-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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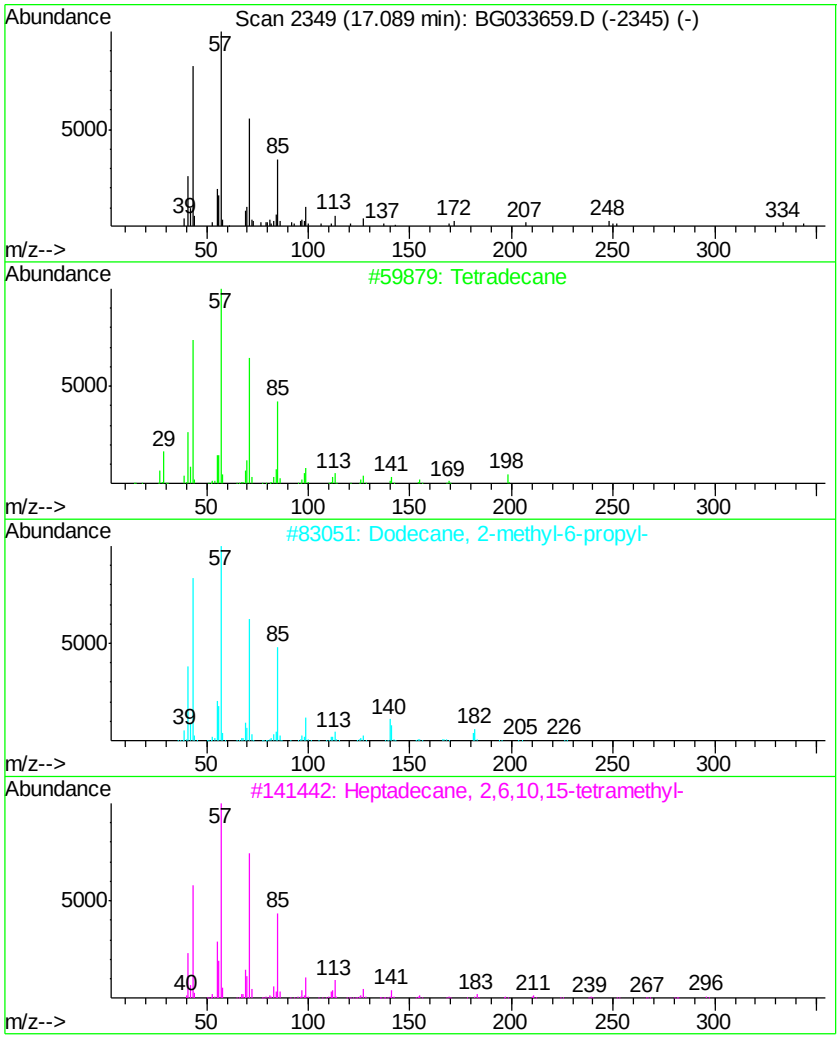
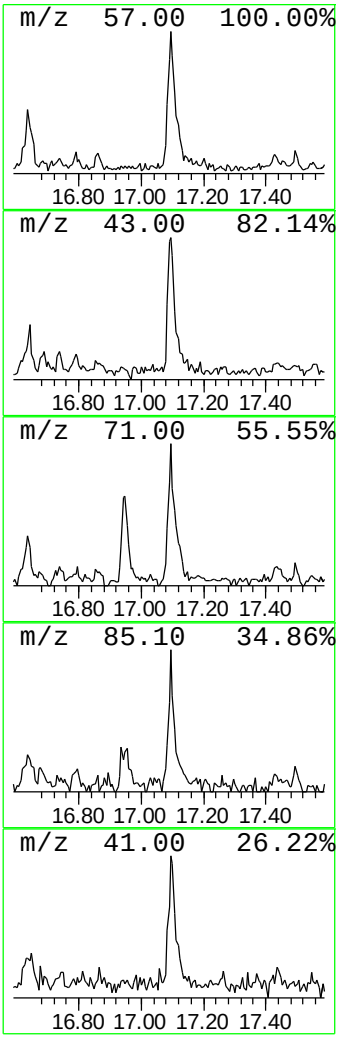
****

Peak Number 7 Tetradecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.09	2.12 ng	76046	Phenanthrene-d10	18.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
4	Pentadecane	212	C15H32	000629-62-9	59
5	Hexadecane	226	C16H34	000544-76-3	58





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Misc :
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Instrument : BNA_G
ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.M
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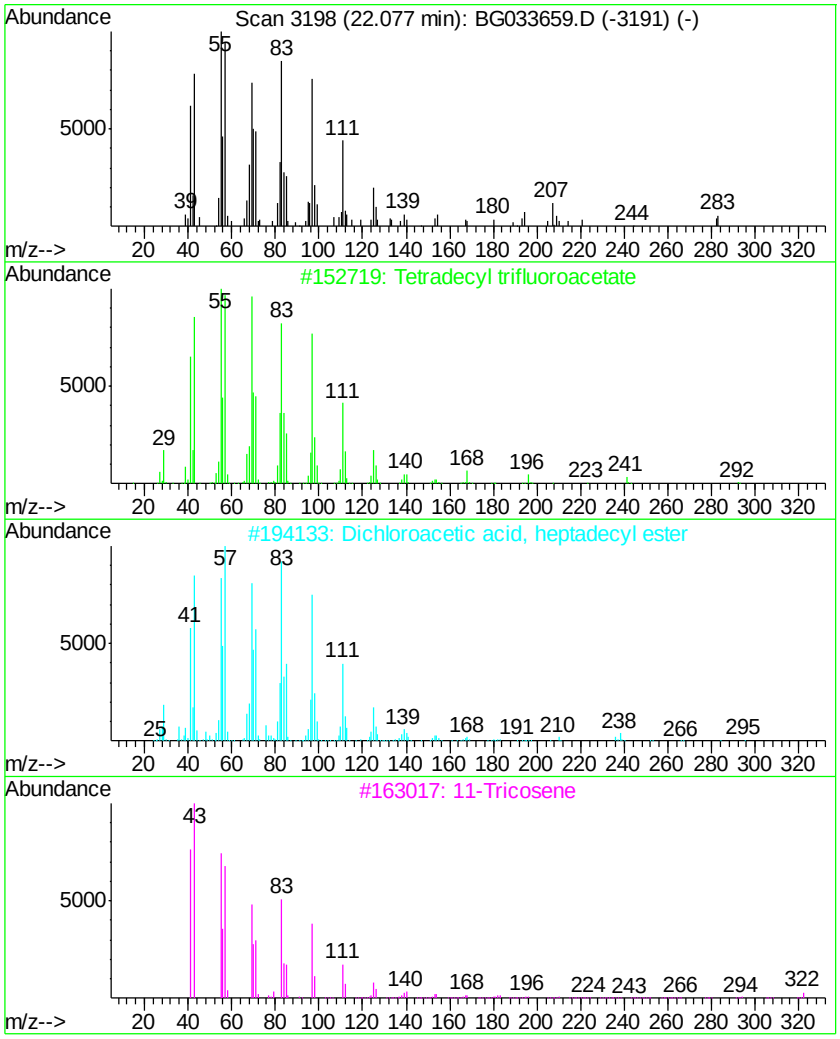
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

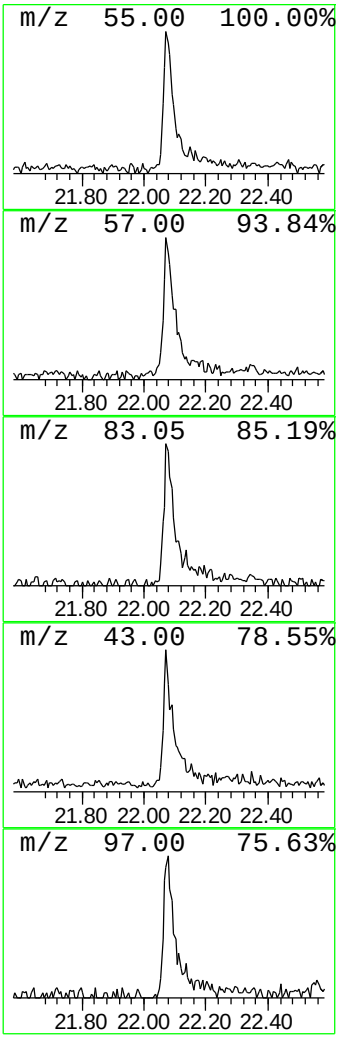
****

Peak Number 8 Tetradecyl trifluoroacetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.08	4.92 ng	196888	Chrysene-d12	22.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
3	11-Tricosene	322	C23H46	052078-56-5	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91





Tentatively Identified Compound (LSC) summary

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ClientSampleId : 040218-DBRI-F-D-M

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG031918.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
Butane, 2-methoxy...	3.56	20.2	ng	213247	1	8.86	210820	20.0
2-Pentanone, 4-hy...	5.77	5.9	ng	62311	1	8.86	210820	20.0
unknown8.37	8.37	68.5	ng	722137	1	8.86	210820	20.0
Tridecane	16.24	2.6	ng	71976	3	15.47	560315	20.0
Tetradecane	17.09	2.1	ng	76046	4	18.21	717074	20.0
Tetradecyl triflu...	22.08	4.9	ng	196888	5	22.55	800443	20.0