LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051415\
Data File : BG017159.D
Acq On : 15 May 2015 3:47
Operator : TP/IZ
Sample : G2179-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT-106

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-BG051315.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	2.793	13	18	27	rBV	209569	354058	8.01%	1.562%
2	2.876	27	32	43	rVB	529003	685988	15.52%	3.026%
3	5.302	439	445	455	rBV	556737	780047	17.65%	3.441%
4	6.906	712	718	729	rVB	377559	576682	13.05%	2.544%
5	7.247	769	776	785	rBV	970224	1487941	33.66%	6.564%
6	7.705	846	854	861	rVB	222270	344548	7.79%	1.520%
7	8.028	902	909	916	rBV	765725	1201339	27.18%	5.299%
8	8.869	1042	1052	1060	rBV	738443	1190733	26.94%	5.253%
9	10.502	1322	1330	1337	rBV	315107	509354	11.52%	2.247%
10	12.711	1700	1706	1711	rBV2	52940	76188	1.72%	0.336%
11	12.981	1744	1752	1758	rBV	1842616	2699455	61.07%	11.908%
12	14.362	1980	1987	1996	rBV2	499697	755778	17.10%	3.334%
13	15.855	2233	2241	2248	rBV	1782786	2466128	55.79%	10.879%
14	17.106	2448	2454	2465	rBV2	680189	958052	21.67%	4.226%
15	18.011	2603	2608	2617	rBV	362923	500966	11.33%	2.210%
16	19.298	2822	2827	2833	rBV	244159	316130	7.15%	1.395%
17	19.744	2897	2903	2908	rBV	3494531	4420602	100.00%	19.501%
18	21.007	3114	3118	3122	rBV2	105611	136493	3.09%	0.602%
19	21.207	3148	3152	3158	rBV	868634	960736	21.73%	4.238%
20	21.289	3161	3166	3172	rBV	830701	1045801	23.66%	4.613%
21	22.476	3364	3368	3373	rVB	134066	189829	4.29%	0.837%
22	23.557	3545	3552	3561	rVB2	523094	1012142	22.90%	4.465%

Sum of corrected areas: 22668990

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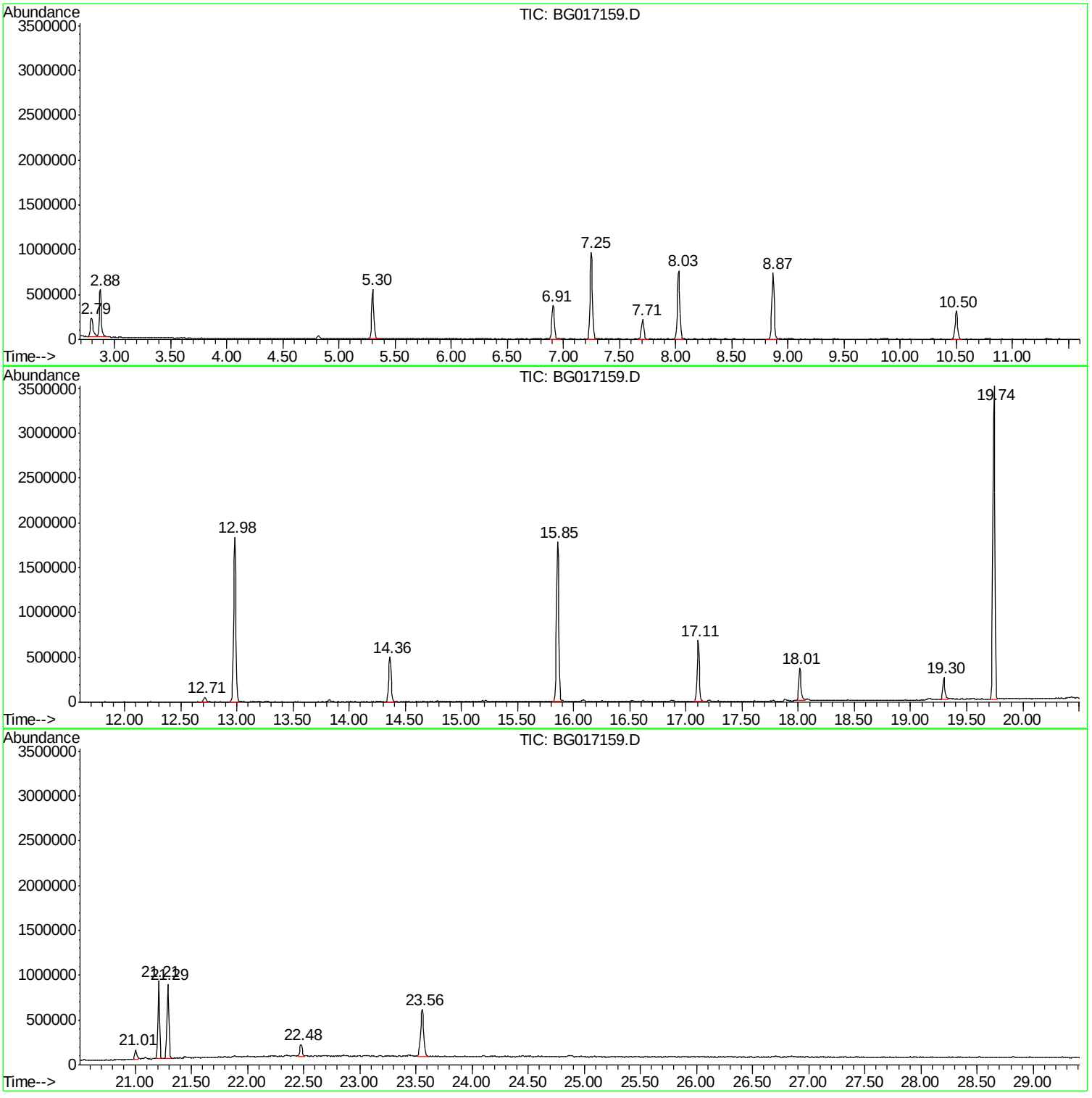
Instrument :
BNA_G
ClientSampleId :
RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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Operator : TP/IZ
Sample : G2179-04
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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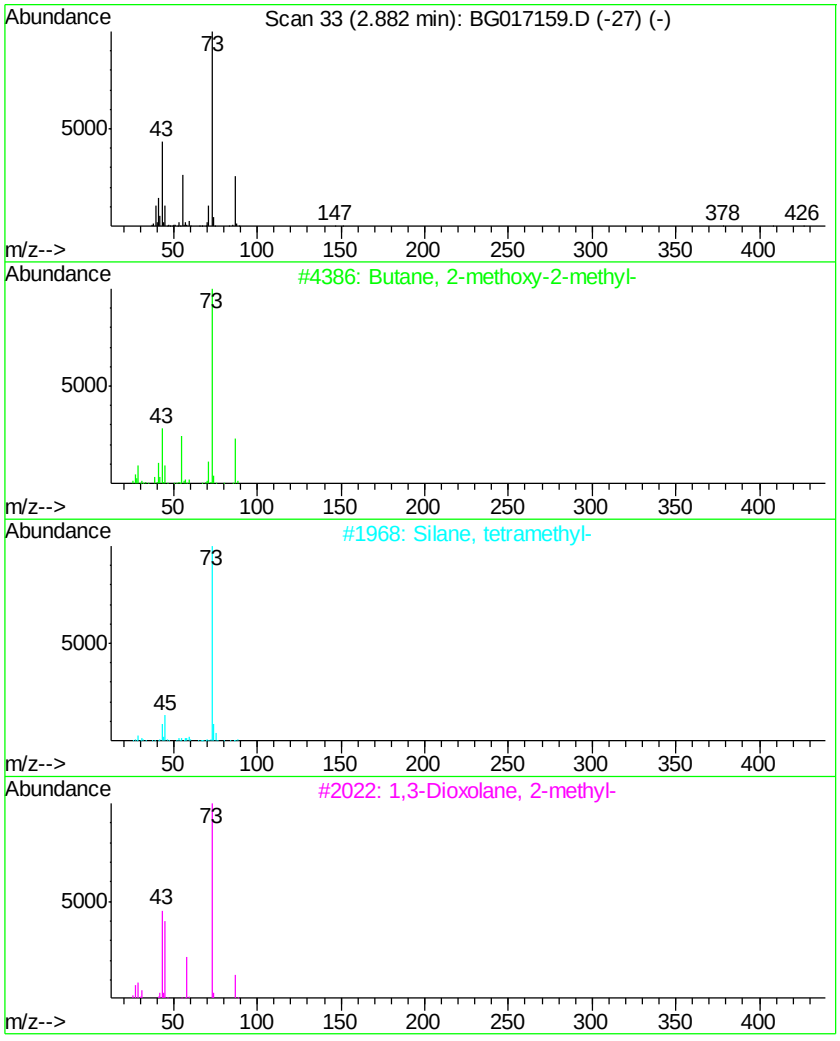
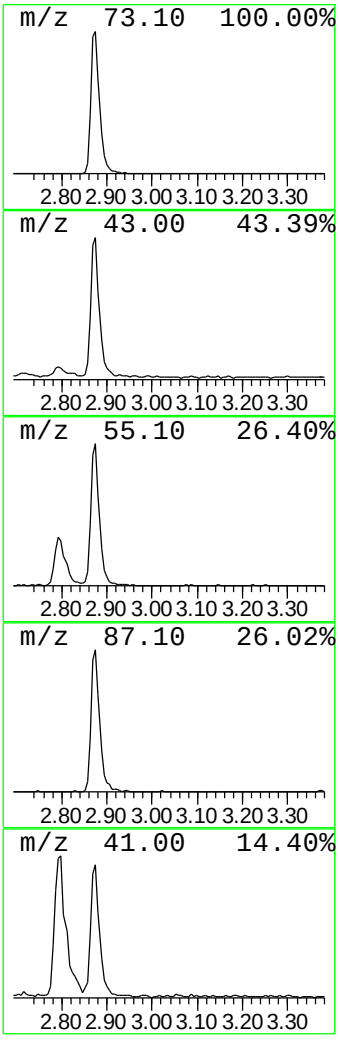
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	39.82 ng	685988	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	23
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Propane, 1-ethoxy-	88	C5H12O	000628-32-0	9





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Operator : TP/IZ
Sample : G2179-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.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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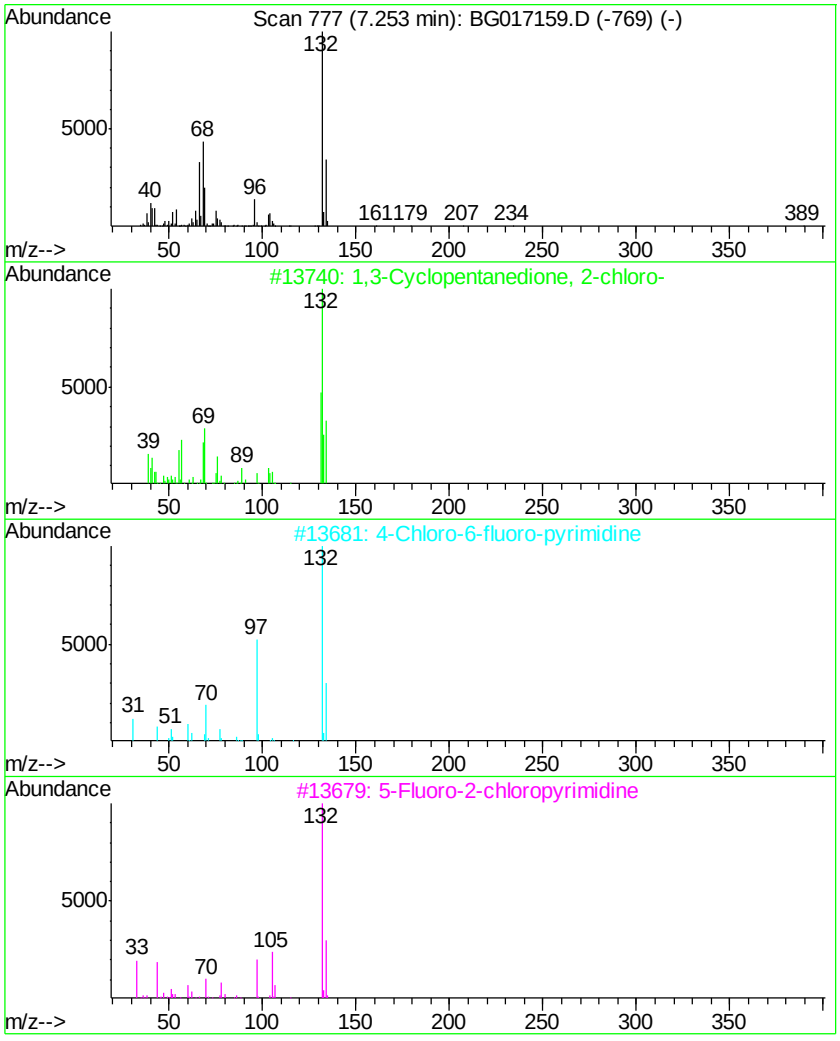
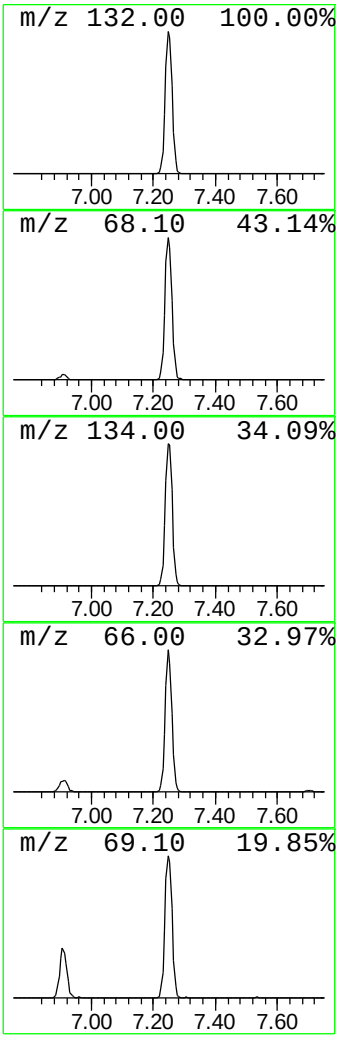
Peak Number 3 unknown7.25 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	86.37 ng	1487940	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	35
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	22
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22





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Operator : TP/IZ
Sample : G2179-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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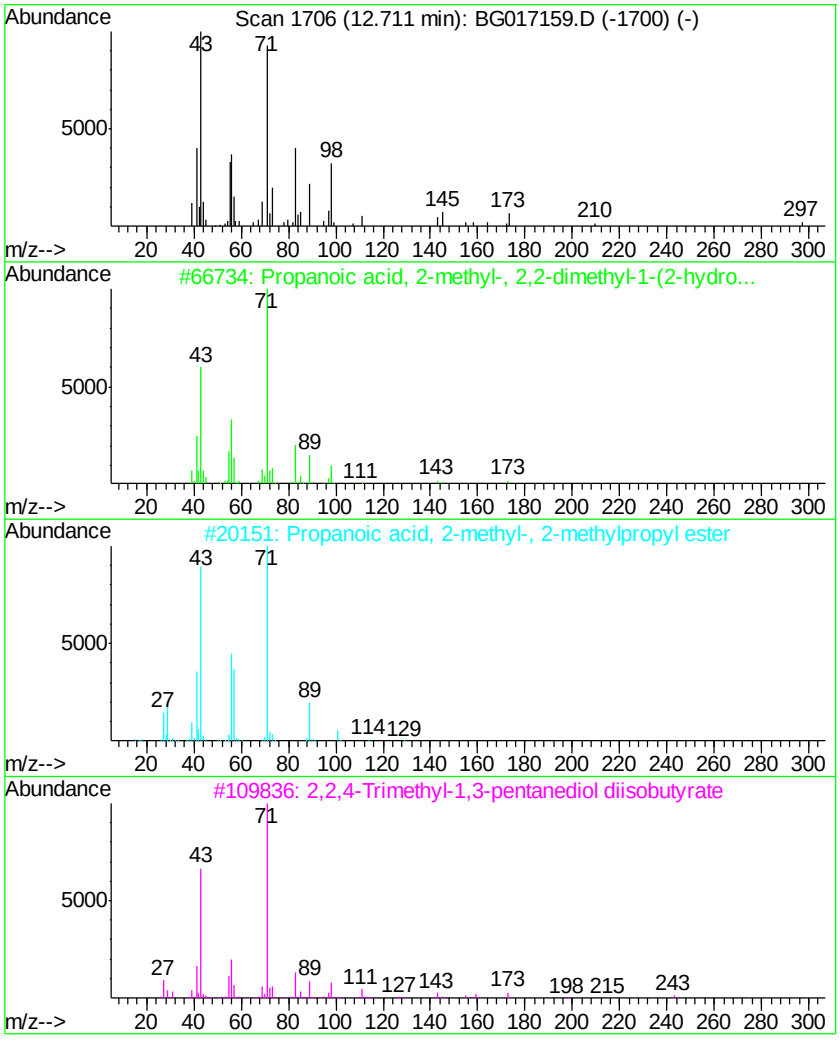
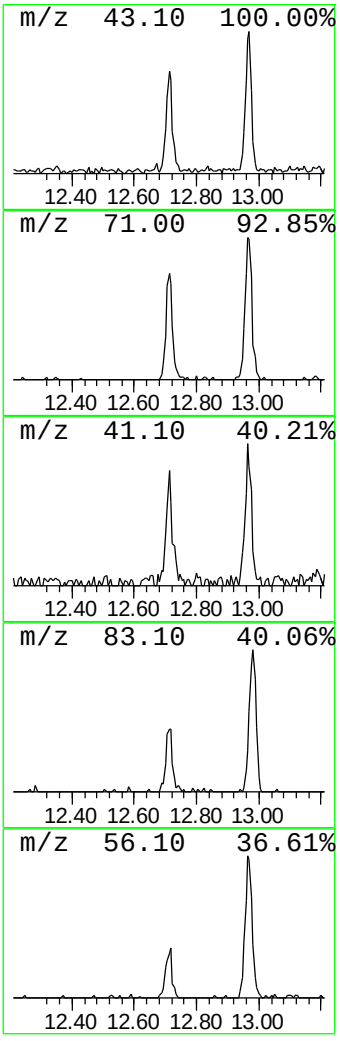
Peak Number 5 unknown12.71 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.71	2.02 ng	76188	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	47
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	43
3	2,2,4-Trimethyl-1,3-pentanediol ...	286	C16H30O4	006846-50-0	43
4	Butyric acid, 2-tridecyl ester	270	C17H34O2	055193-07-2	38
5	Pentane, 2,2'-oxybis-	158	C10H22O	056762-00-6	35





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Operator : TP/IZ
Sample : G2179-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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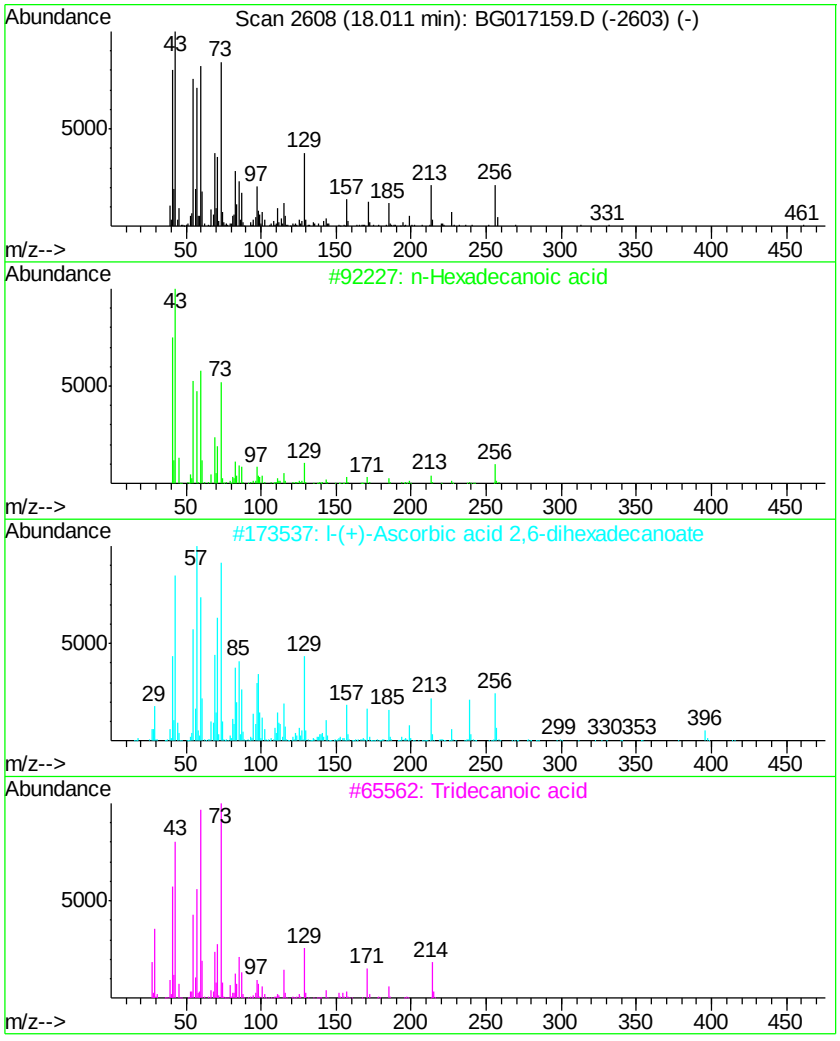
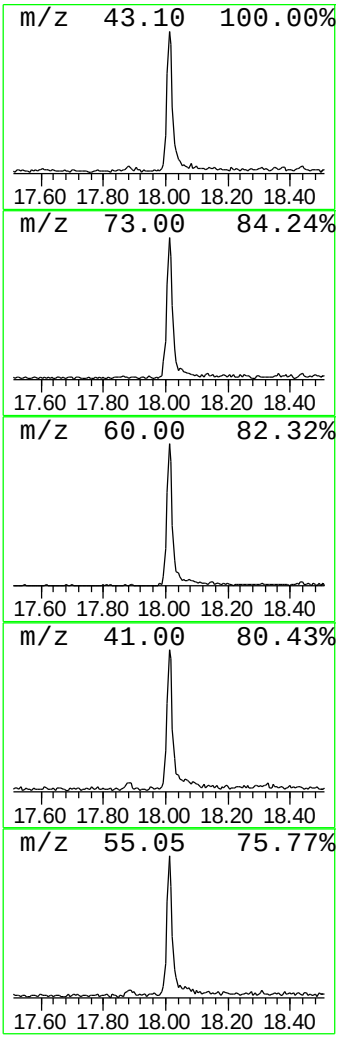
Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	10.46 ng	500966	Phenanthrene-d10	17.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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Data File : BG017159.D
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Sample : G2179-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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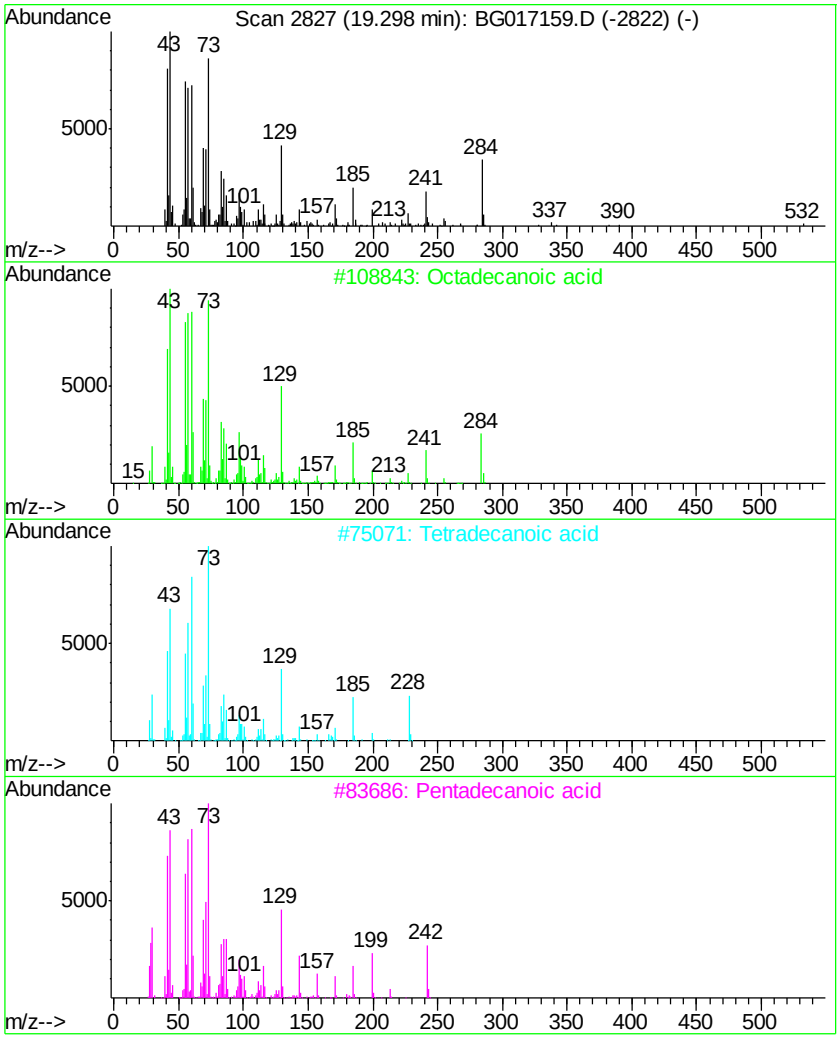
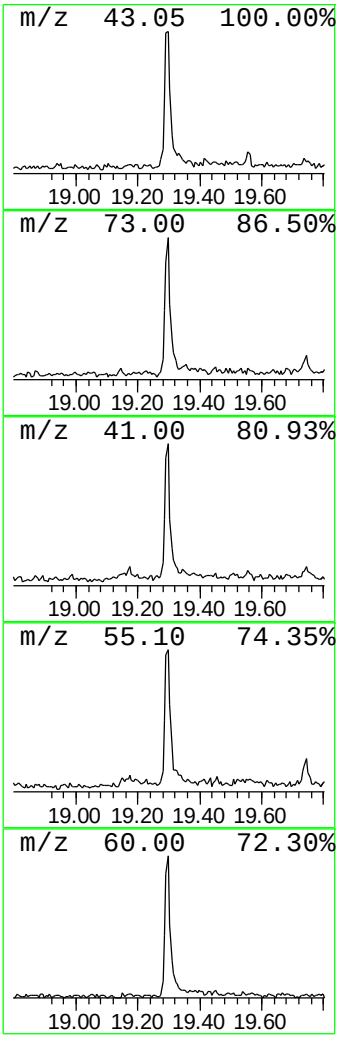
Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	6.05 ng	316130	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	50





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ClientSampleId : RAV-GT-106

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG051315.M
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TIC Library : C:\DATABASE\NIST02.L
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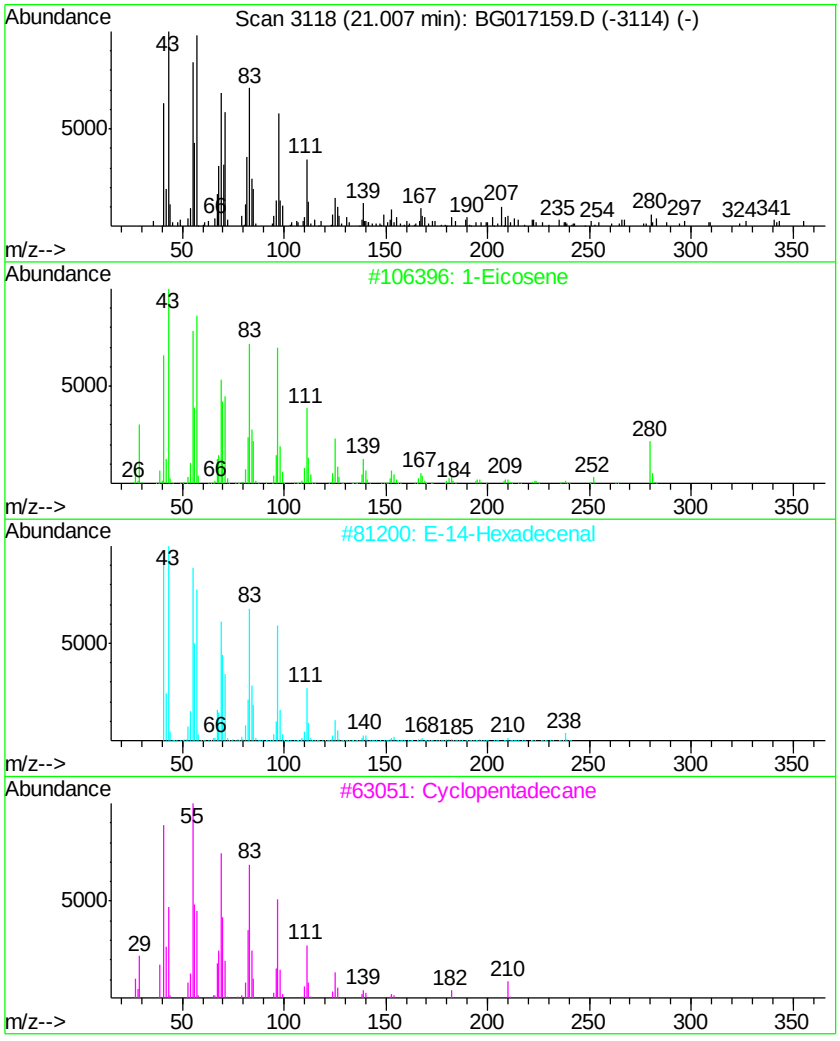
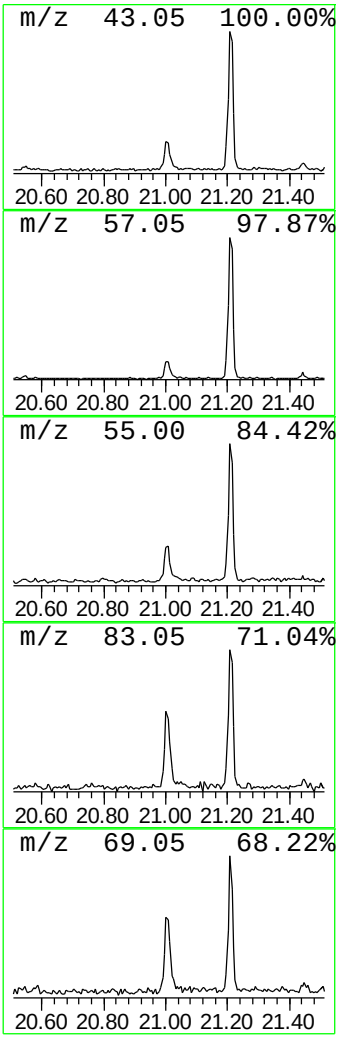
Peak Number 8 1-Eicosene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.01	2.61 ng	136493	Chrysene-d12	21.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	99
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	98
3	Cyclopentadecane	210	C15H30	000295-48-7	97
4	Cycloeicosane	280	C20H40	000296-56-0	97
5	1-Nonadecene	266	C19H38	018435-45-5	97





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ClientSampleId : RAV-GT-106

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

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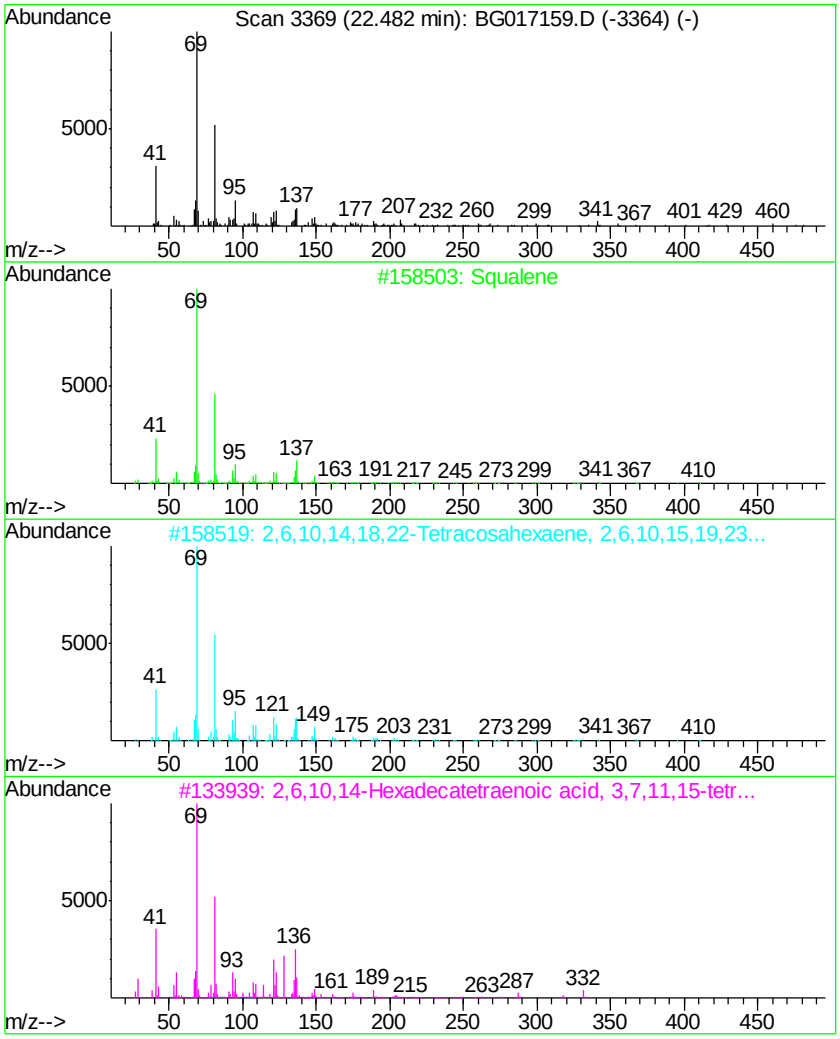
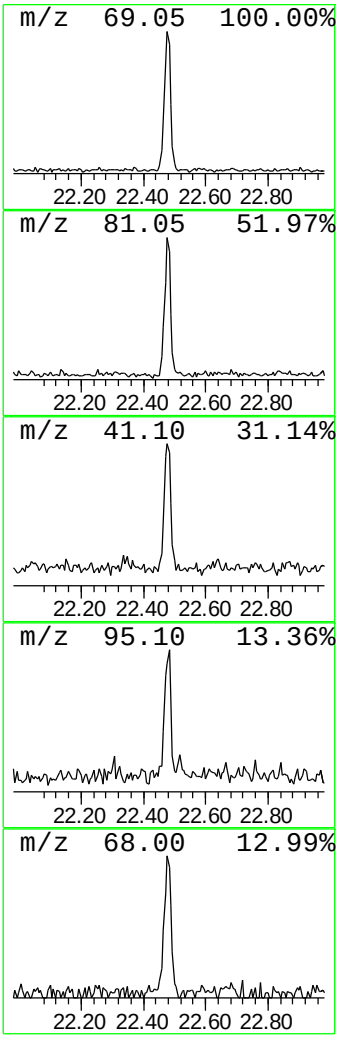
Peak Number 9 Squalene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.48	3.75 ng	189829	Perylene-d12	23.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	98
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	93
3	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	72
4	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	64
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	64





Tentatively Identified Compound (LSC) summary

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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...	2.88	39.8	ng	685988	1	7.71	344548	20.0
unknown7.25	7.25	86.4	ng	1487940	1	7.71	344548	20.0
unknown12.71	12.71	2.0	ng	76188	3	14.36	755778	20.0
n-Hexadecanoic acid	18.01	10.5	ng	500966	4	17.11	958052	20.0
Octadecanoic acid	19.30	6.0	ng	316130	5	21.29	1045800	20.0
1-Eicosene	21.01	2.6	ng	136493	5	21.29	1045800	20.0
Squalene	22.48	3.8	ng	189829	6	23.56	1012140	20.0