LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017936.D
Acq On : 17 Jul 2015 21:33
Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

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-BG071715.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	2.790	12	17	25	rVV4	30700	70903	1.38%	0.212%
2	2.867	25	30	35	rVV	488043	702608	13.69%	2.105%
3	4.153	244	249	254	rBV	39702	55589	1.08%	0.167%
4	4.735	342	348	357	rBV	869665	1219784	23.77%	3.654%
5	5.193	420	426	437	rBV	1718550	2401687	46.81%	7.195%
6	5.793	523	528	535	rVB	80624	117335	2.29%	0.352%
7	6.768	685	694	707	rBV	1696535	2590793	50.49%	7.761%
8	7.120	746	754	764	rBV	1760821	2720160	53.01%	8.149%
9	7.585	826	833	840	rVB	383939	604163	11.77%	1.810%
10	7.902	880	887	895	rBV	1211276	1924068	37.50%	5.764%
11	8.736	1022	1029	1037	rBV	966567	1581375	30.82%	4.737%
12	10.364	1299	1306	1314	rVB	537002	884734	17.24%	2.650%
13	12.855	1723	1730	1738	rBV	2336017	3510445	68.42%	10.517%
14	13.701	1868	1874	1881	rBV	313203	425671	8.30%	1.275%
15	14.241	1959	1966	1975	rBV2	771898	1193373	23.26%	3.575%
16	15.740	2211	2221	2238	rBV	1925443	2700982	52.64%	8.092%
17	16.774	2393	2397	2402	rBV2	44435	54133	1.06%	0.162%
18	16.991	2428	2434	2442	rBV	989530	1435156	27.97%	4.299%
19	17.397	2493	2503	2514	rBV	83913	145946	2.84%	0.437%
20	17.514	2519	2523	2530	rVB	53639	67278	1.31%	0.202%
21	17.914	2586	2591	2599	rBV2	51139	88233	1.72%	0.264%
22	18.343	2658	2664	2673	rBV	319042	371281	7.24%	1.112%
23	19.641	2879	2885	2894	rBV	4016087	5131035	100.00%	15.372%
24	20.922	3098	3103	3109	rBV5	39178	67068	1.31%	0.201%
25	21.127	3131	3138	3143	rBV	50669	66197	1.29%	0.198%
26	21.192	3143	3149	3156	rBV	1334357	1650604	32.17%	4.945%
27	23.407	3518	3526	3536	rBV2	858427	1599464	31.17%	4.792%

Sum of corrected areas: 33380065

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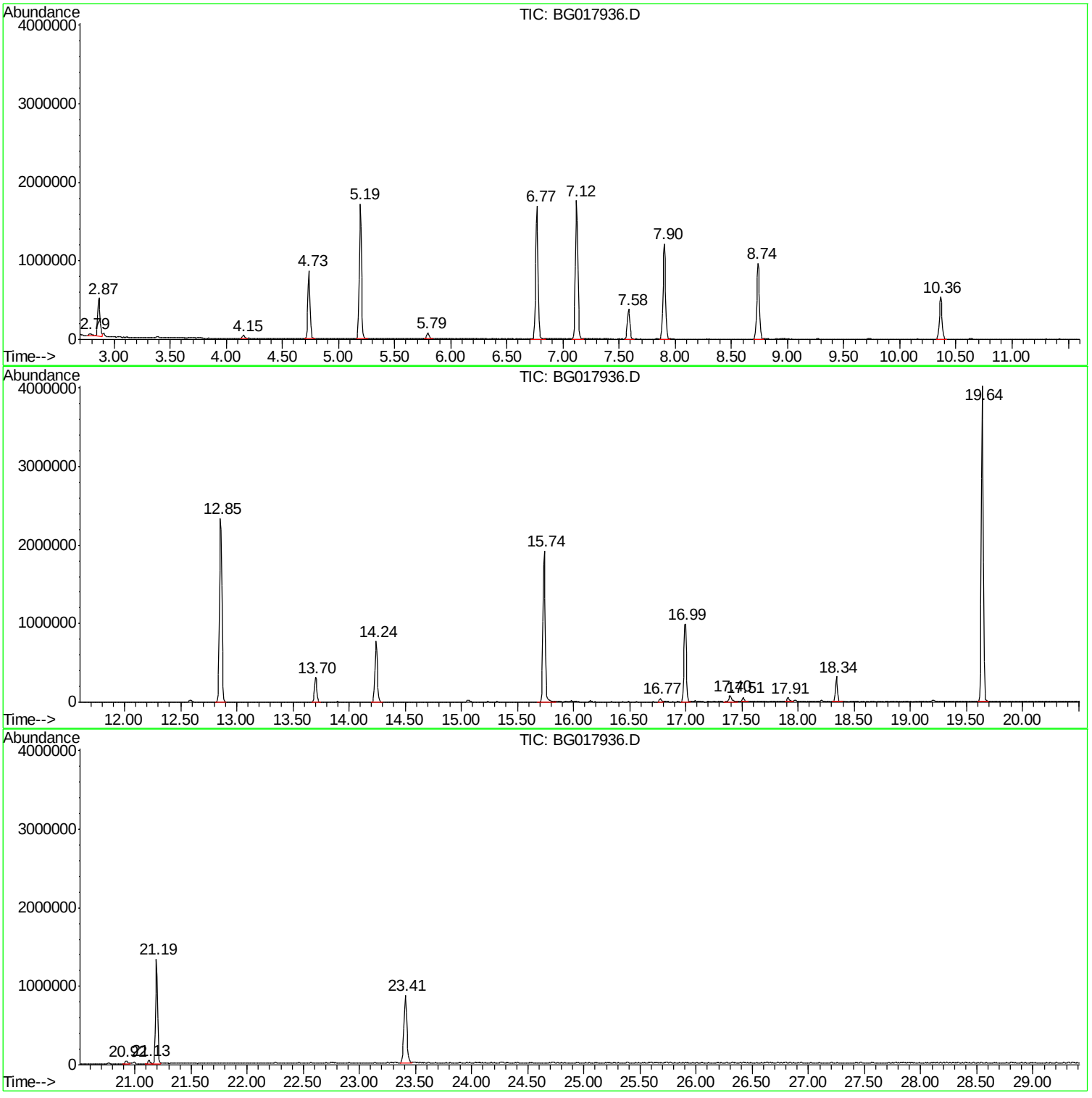
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017936.D
Acq On : 17 Jul 2015 21:33
Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

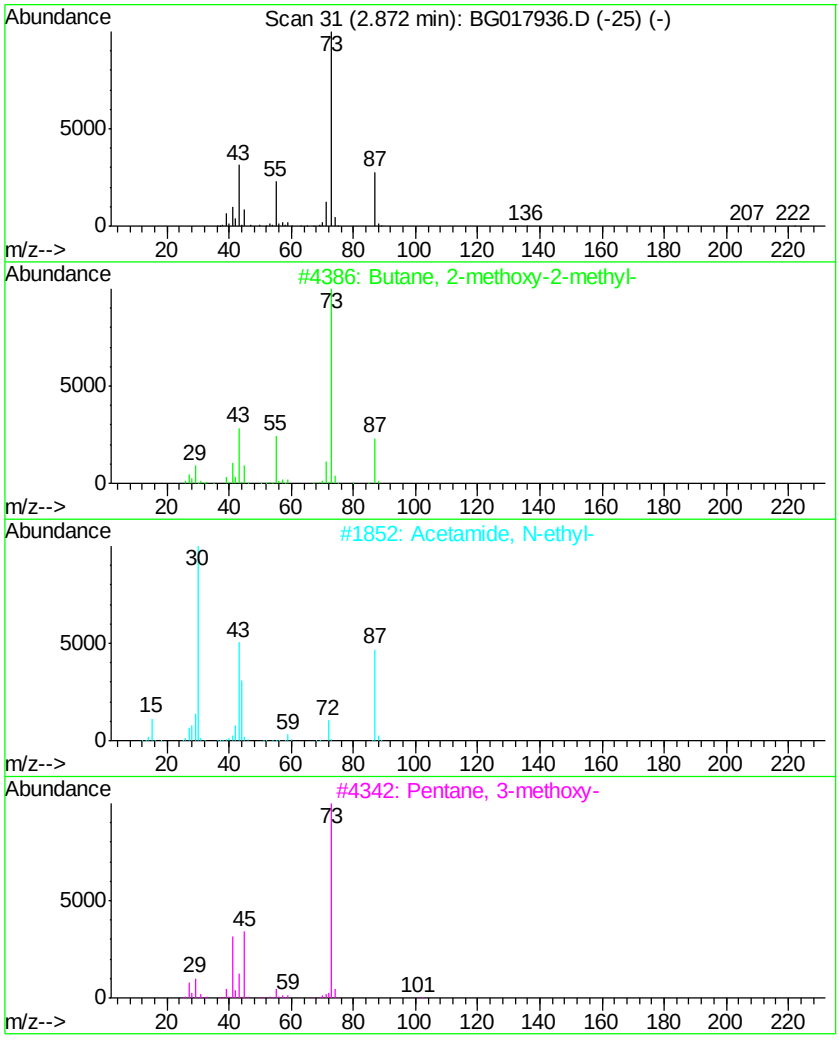
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

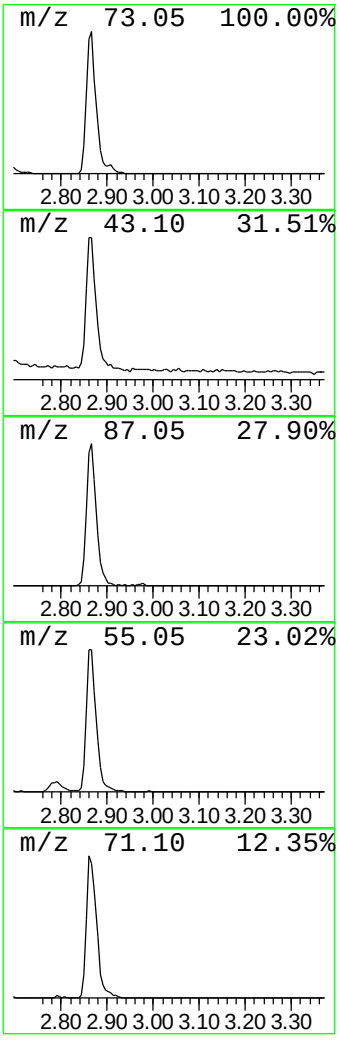
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	23.26 ng	702608	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





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Data File : BG017936.D
Acq On : 17 Jul 2015 21:33
Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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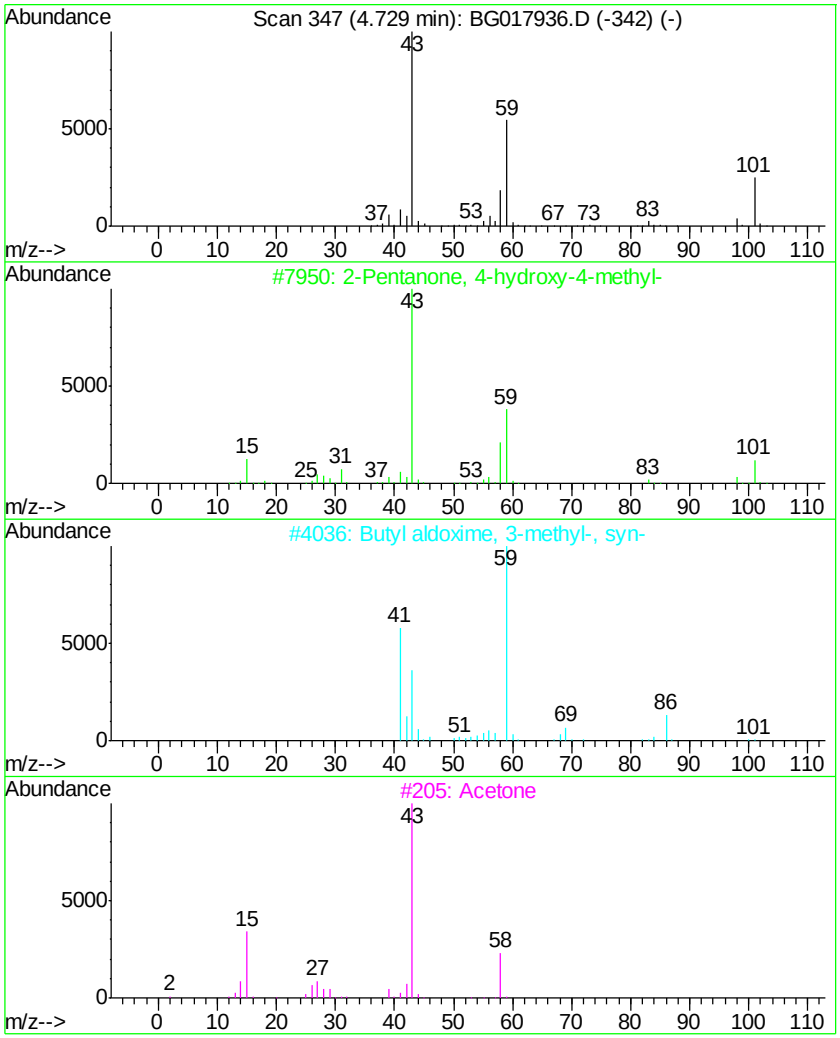
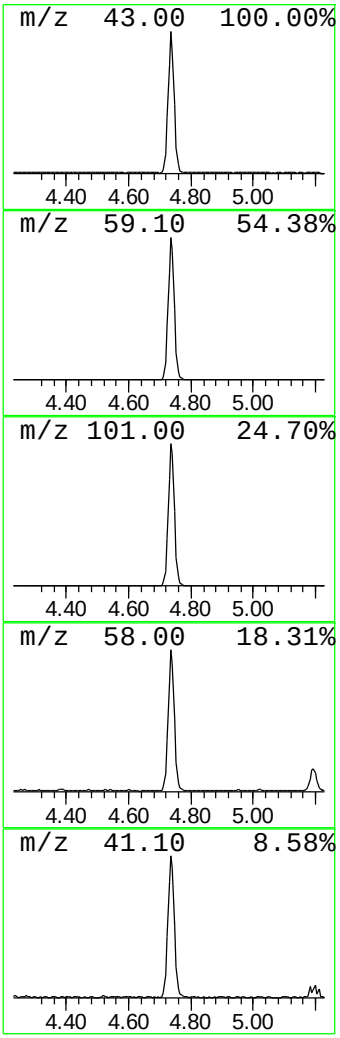
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	40.38 ng	1219780	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
3	Acetone	58	C3H6O	000067-64-1	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017936.D
Acq On : 17 Jul 2015 21:33
Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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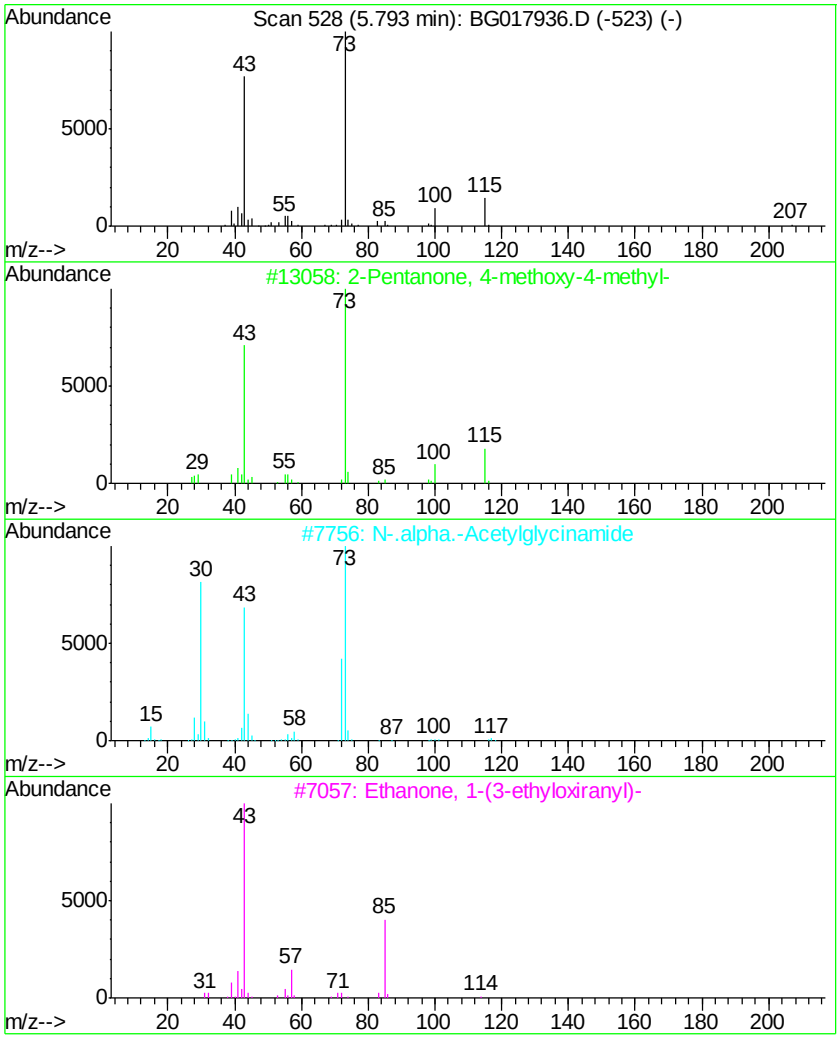
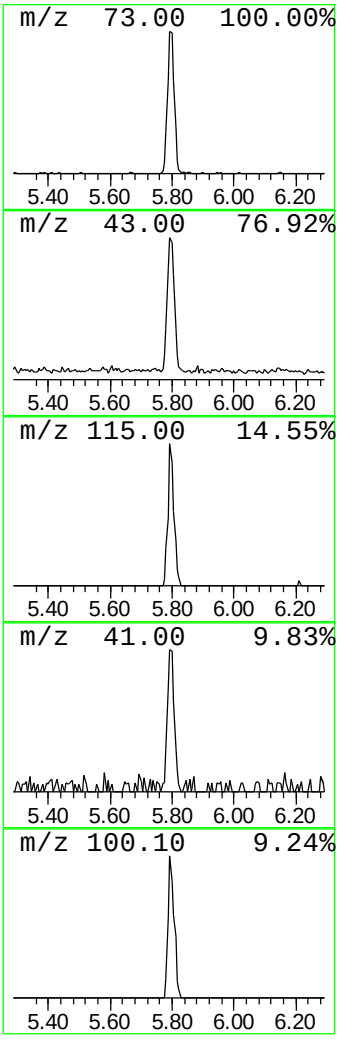
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	3.88 ng	117335	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	25
3	Ethanone, 1-(3-ethyloxiranyl)-	114	C6H10O2	017257-81-7	10
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
5	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
Data File : BG017936.D
Acq On : 17 Jul 2015 21:33
Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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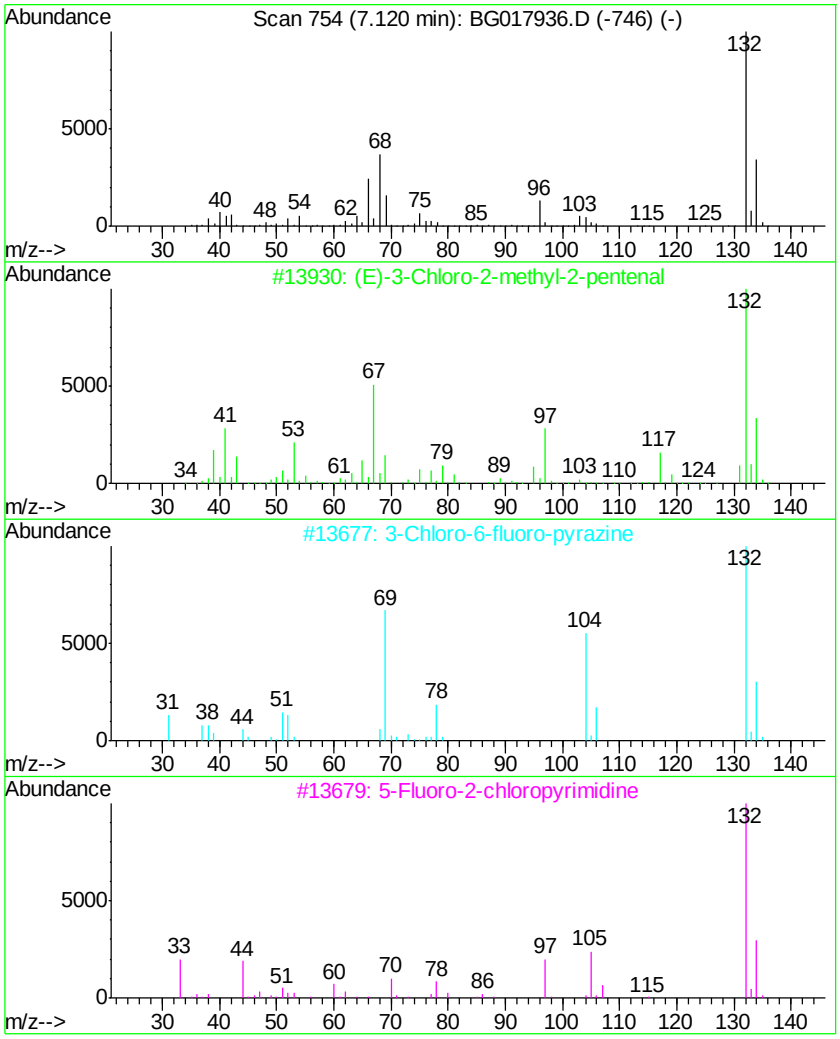
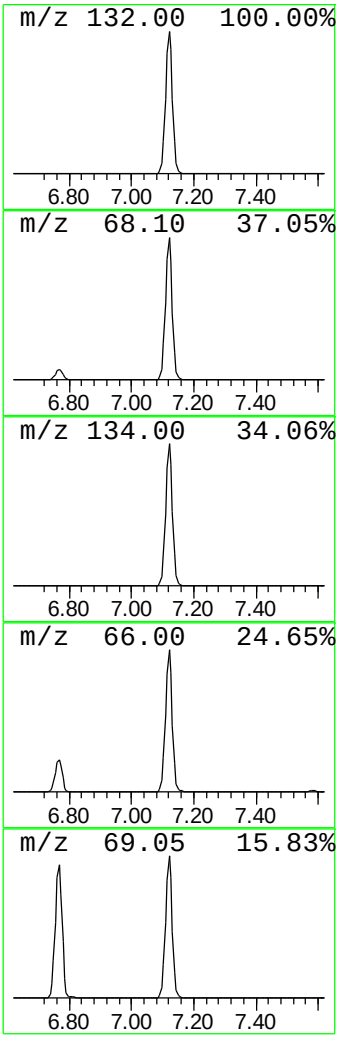
Peak Number 5 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	90.05 ng	2720160	1,4-Dichlorobenzene-d4	7.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	35
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	25
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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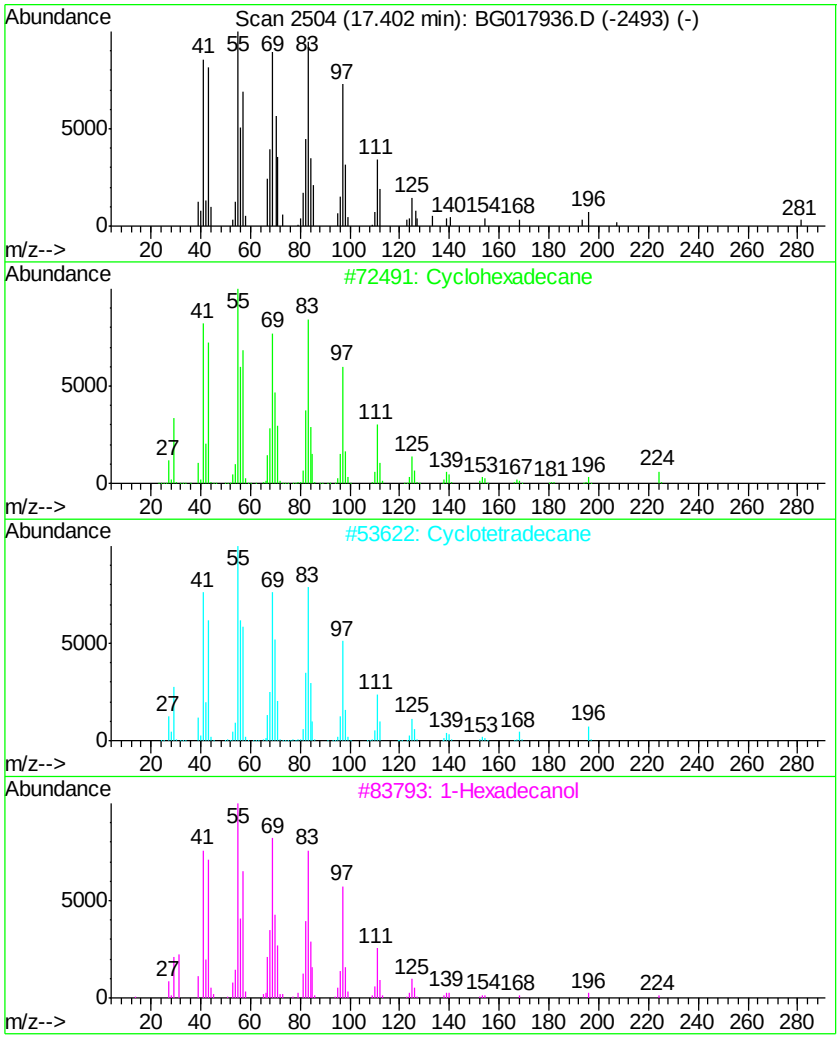
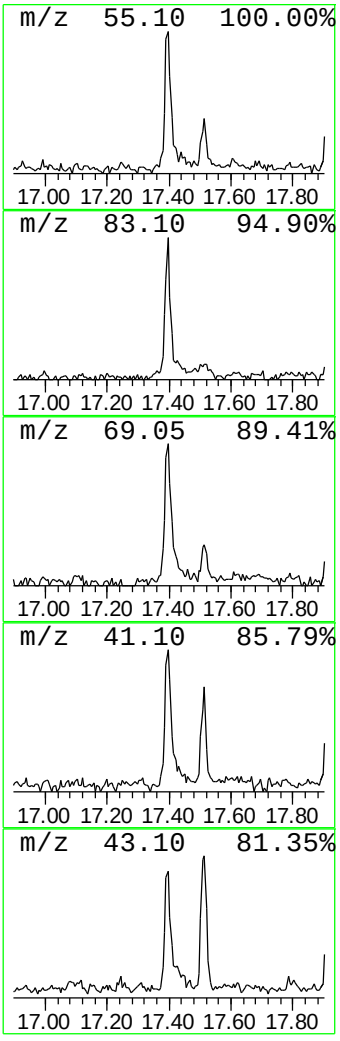
Peak Number 7 Cyclohexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	2.03 ng	145946	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Cyclotetradecane	196	C14H28	000295-17-0	95
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	1-Heptadecanol	256	C17H36O	001454-85-9	91
5	1-Pentadecanol	228	C15H32O	000629-76-5	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
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Operator : TP/UM
Sample : G2967-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-02-I1-I2-I3-I4

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.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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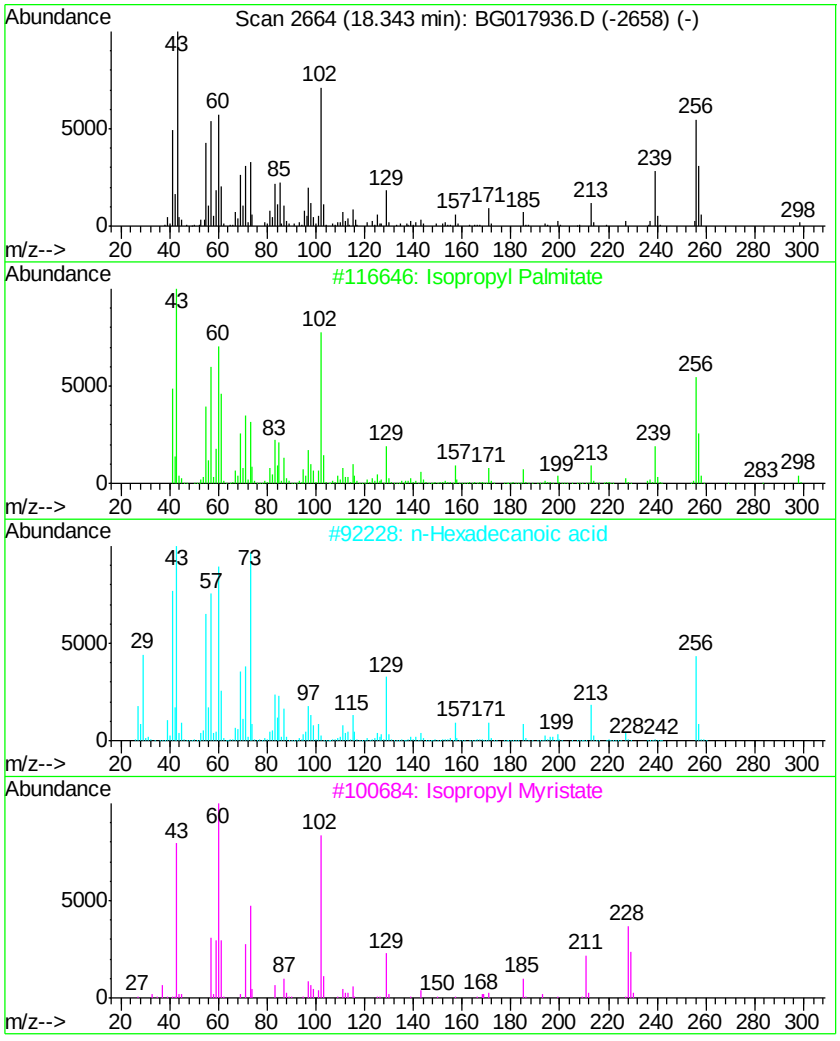
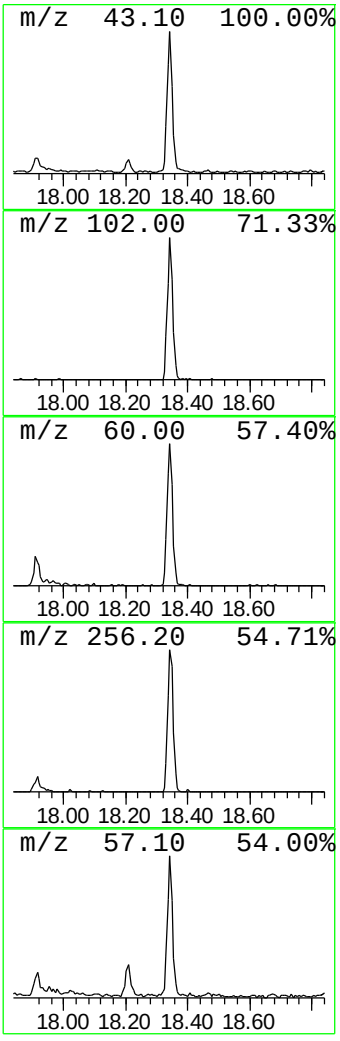
Peak Number 8 Isopropyl Palmitate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.17 ng	371281	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Palmitate	298	C19H38O2	000142-91-6	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	38
3	Isopropyl Myristate	270	C17H34O2	000110-27-0	38
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	35
5	N-Cyclooct-4-enylacetamide	167	C10H17NO	170952-69-9	25





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
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...	2.87	23.3	ng	702608	1	7.58	604163	20.0
2-Pentanone, 4-hy...	4.73	40.4	ng	1219780	1	7.58	604163	20.0
2-Pentanone, 4-me...	5.79	3.9	ng	117335	1	7.58	604163	20.0
unknown7.12	7.12	90.0	ng	2720160	1	7.58	604163	20.0
Cyclohexadecane	17.40	2.0	ng	145946	4	16.99	1435160	20.0
Isopropyl Palmitate	18.34	5.2	ng	371281	4	16.99	1435160	20.0