LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016352.D
Acq On : 11 Apr 2015 13:27
Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

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-BG040615.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	13	17	27	rVV	130547	202789	10.67%	1.314%
2	2.866	27	30	36	rVV	86671	107140	5.64%	0.694%
3	2.913	36	38	44	rVB	17227	20475	1.08%	0.133%
4	4.206	254	258	264	rVB	28732	37230	1.96%	0.241%
5	4.805	355	360	371	rVB	118951	169872	8.94%	1.101%
6	5.281	435	441	452	rBV	817940	1141283	60.05%	7.396%
7	6.873	705	712	722	rBV	841803	1269232	66.79%	8.225%
8	7.226	765	772	782	rBV	835748	1281595	67.44%	8.305%
9	7.690	843	851	858	rBV	224735	347097	18.26%	2.249%
10	8.007	898	905	914	rVB	585855	904062	47.57%	5.859%
11	8.847	1040	1048	1057	rBV	470946	761232	40.06%	4.933%
12	10.475	1318	1325	1337	rBV	327650	544183	28.64%	3.526%
13	12.948	1739	1746	1759	rBV	1058068	1519687	79.97%	9.848%
14	13.788	1883	1889	1896	rBV	61687	88264	4.64%	0.572%
15	14.329	1972	1981	1990	rBV2	510654	770213	40.53%	4.991%
16	15.181	2122	2126	2132	rVB2	22234	27983	1.47%	0.181%
17	15.815	2228	2234	2251	rBV	739035	1072288	56.42%	6.949%
18	16.039	2268	2272	2282	rBV	25272	45303	2.38%	0.294%
19	17.067	2441	2447	2456	rBV2	639500	885072	46.57%	5.736%
20	17.190	2461	2468	2475	rVB5	10684	20725	1.09%	0.134%
21	17.966	2596	2600	2612	rBV2	53116	90818	4.78%	0.589%
22	19.247	2813	2818	2829	rBV5	21066	42930	2.26%	0.278%
23	19.693	2889	2894	2908	rBV	1502078	1900411	100.00%	12.315%
24	20.387	3006	3012	3017	rBV5	13548	23644	1.24%	0.153%
25	20.956	3105	3109	3121	rBV	183696	272168	14.32%	1.764%
26	21.244	3153	3158	3167	rBV	746071	886351	46.64%	5.744%
27	21.826	3254	3257	3261	rBV4	17455	24023	1.26%	0.156%
28	22.284	3331	3335	3341	rBV4	21356	34676	1.82%	0.225%
29	22.414	3354	3357	3362	rVB3	18667	26704	1.41%	0.173%
30	22.796	3418	3422	3429	rBV3	20259	31445	1.65%	0.204%
31	23.360	3516	3518	3526	rVB6	14682	23392	1.23%	0.152%
32	23.489	3532	3540	3549	rBV2	431713	859035	45.20%	5.567%

LSC Area Percent Report

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Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

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-BG040615.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

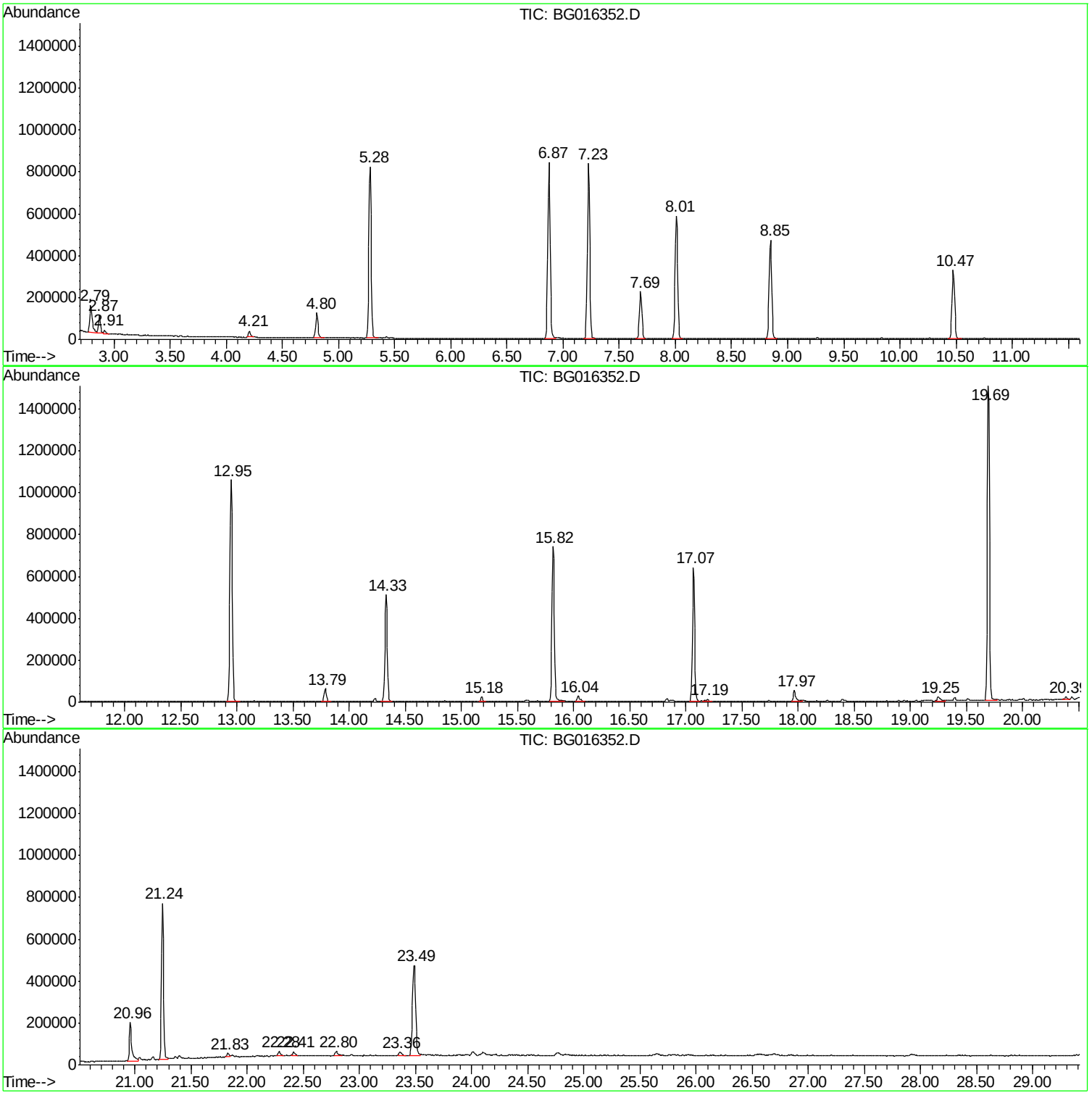
Sum of corrected areas: 15431322

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016352.D
Acq On : 11 Apr 2015 13:27
Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016352.D
Acq On : 11 Apr 2015 13:27
Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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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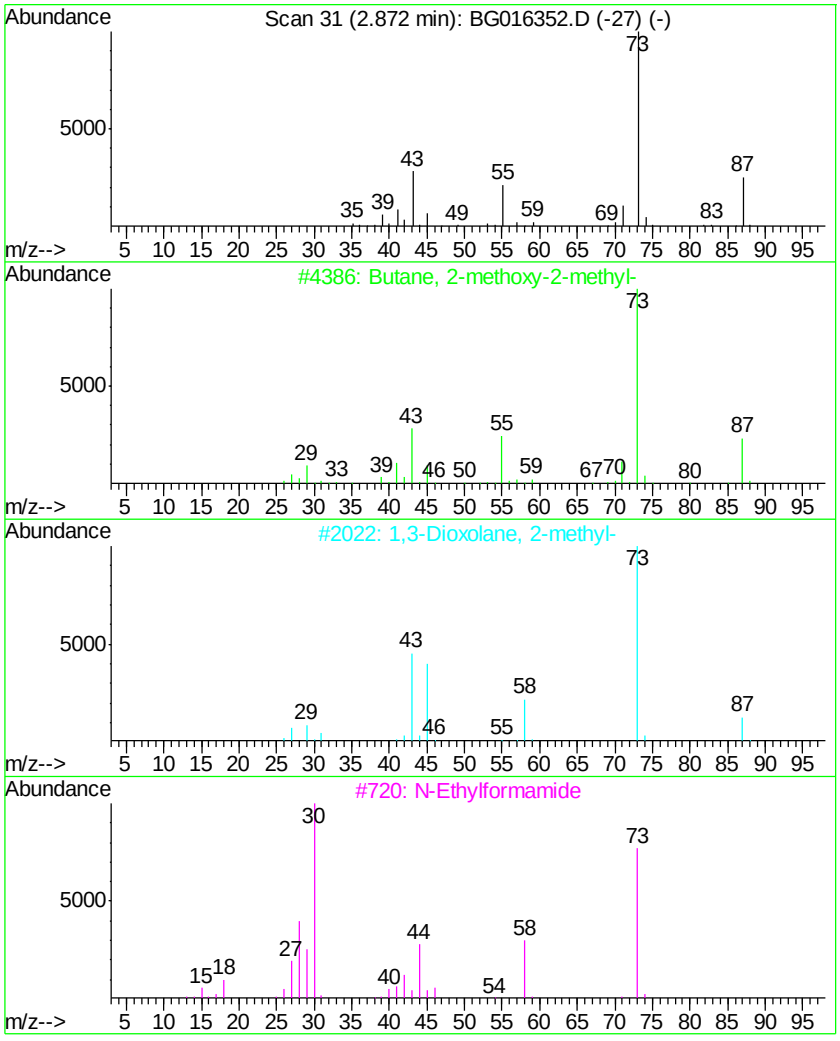
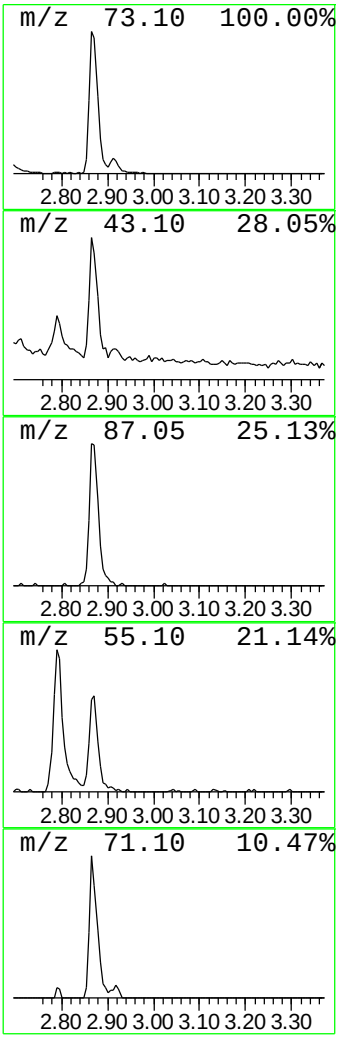
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.87	6.17 ng	107140	1,4-Dichlorobenzene-d4	7.69

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	12
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016352.D
Acq On : 11 Apr 2015 13:27
Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

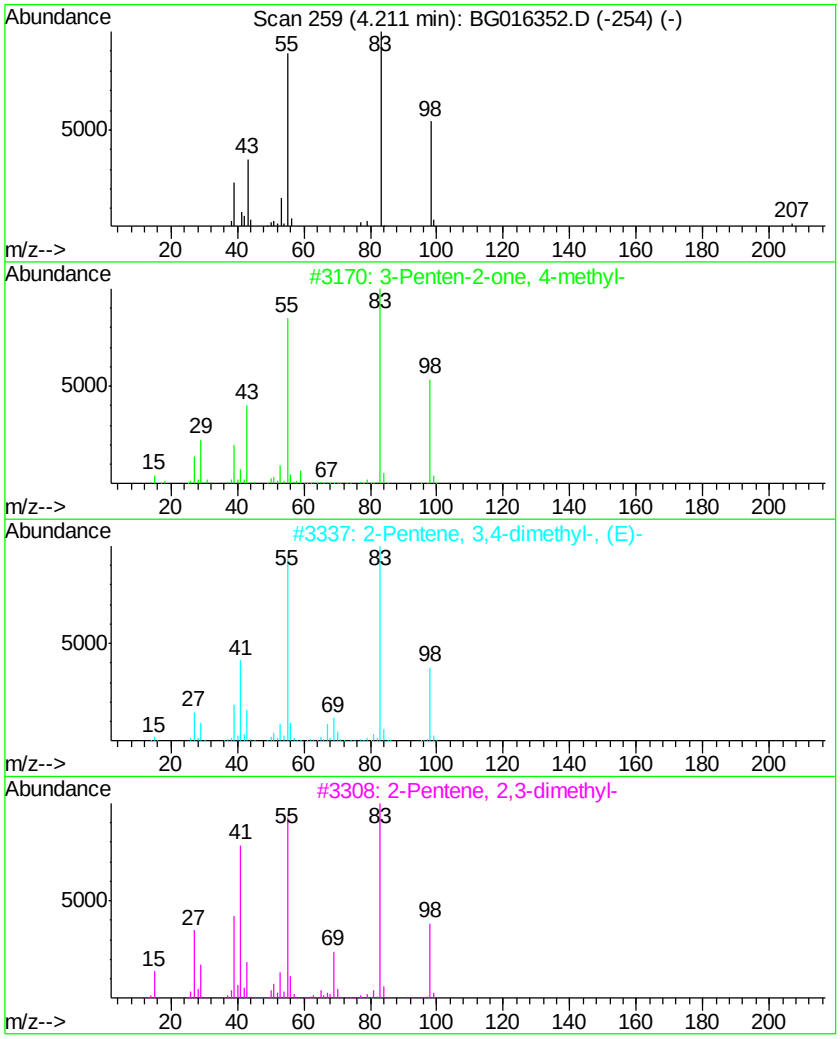
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

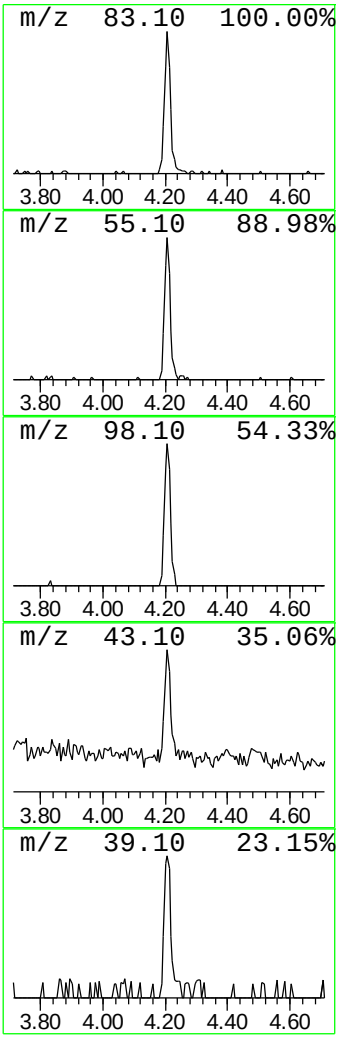
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	2.15 ng	37230	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	87
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
3	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	80
4	Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78
5	3-Hexen-2-one	98	C6H10O	000763-93-9	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
Data File : BG016352.D
Acq On : 11 Apr 2015 13:27
Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

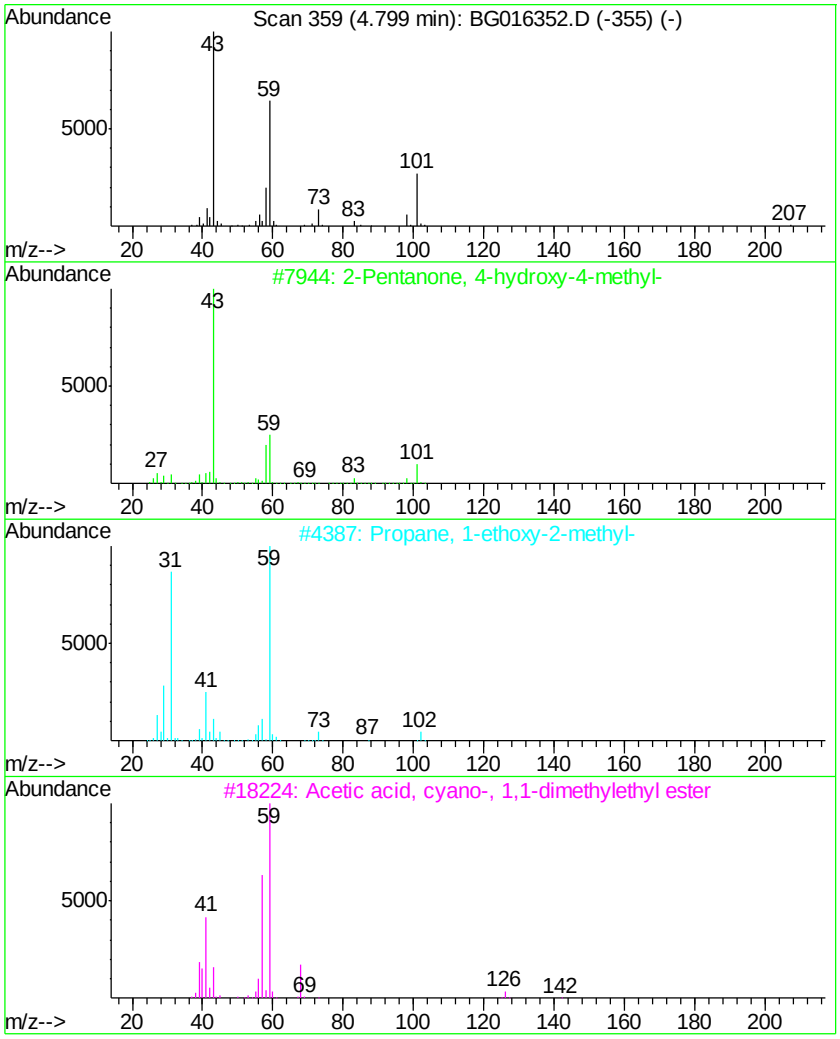
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

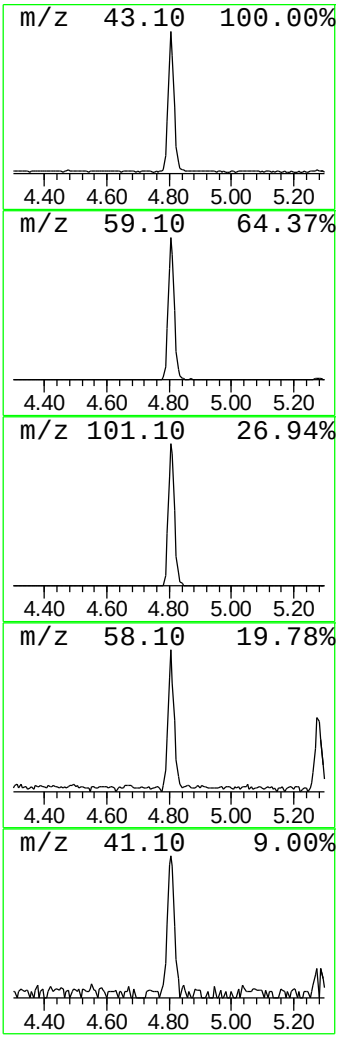
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	9.79 ng	169872	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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Data File : BG016352.D
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Operator : TP/IZ
Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
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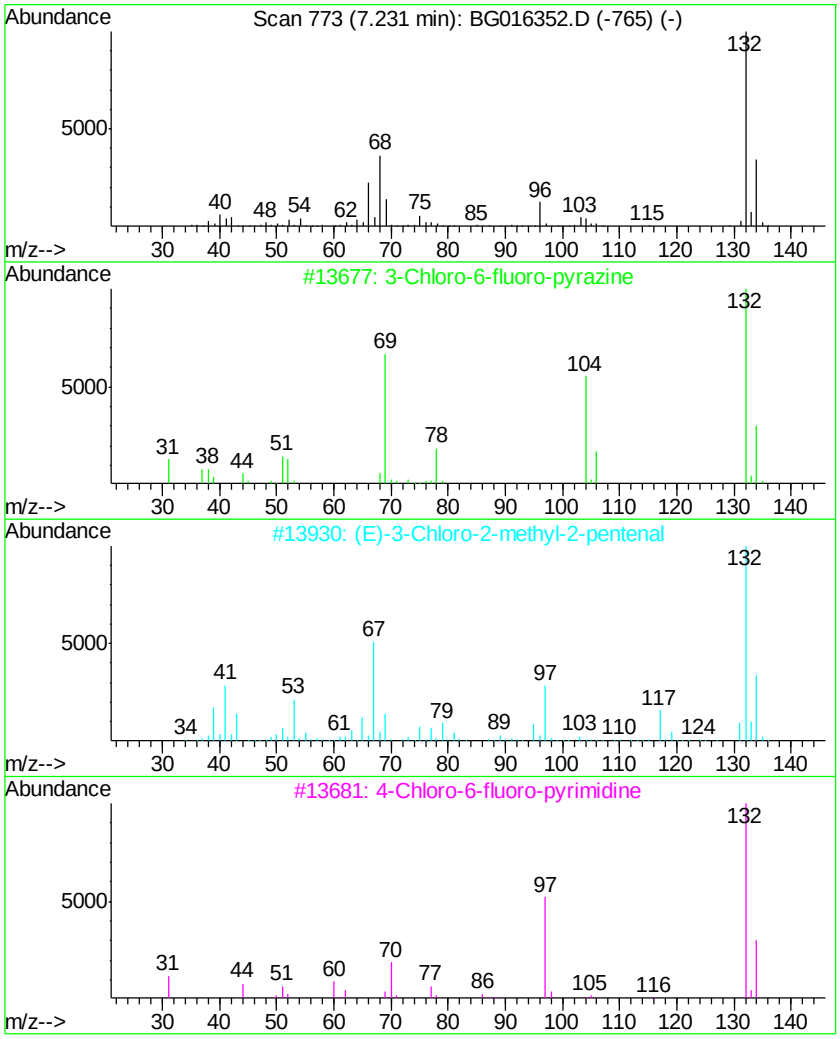
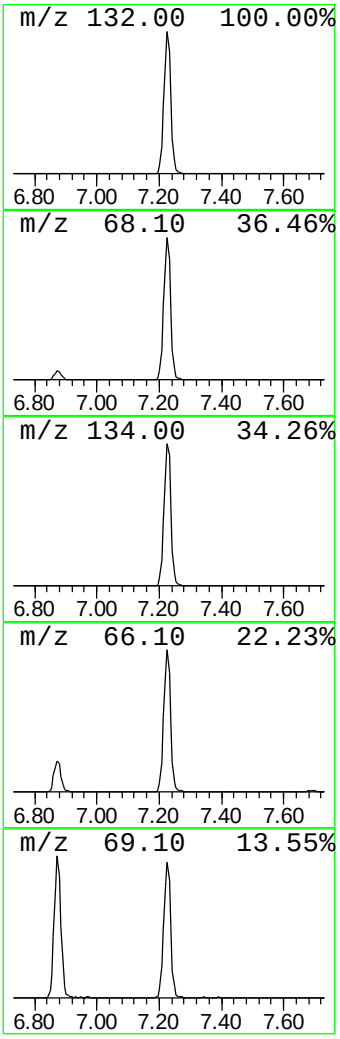
Peak Number 5 unknown7.23 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	73.85 ng	1281600	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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Sample : G1744-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

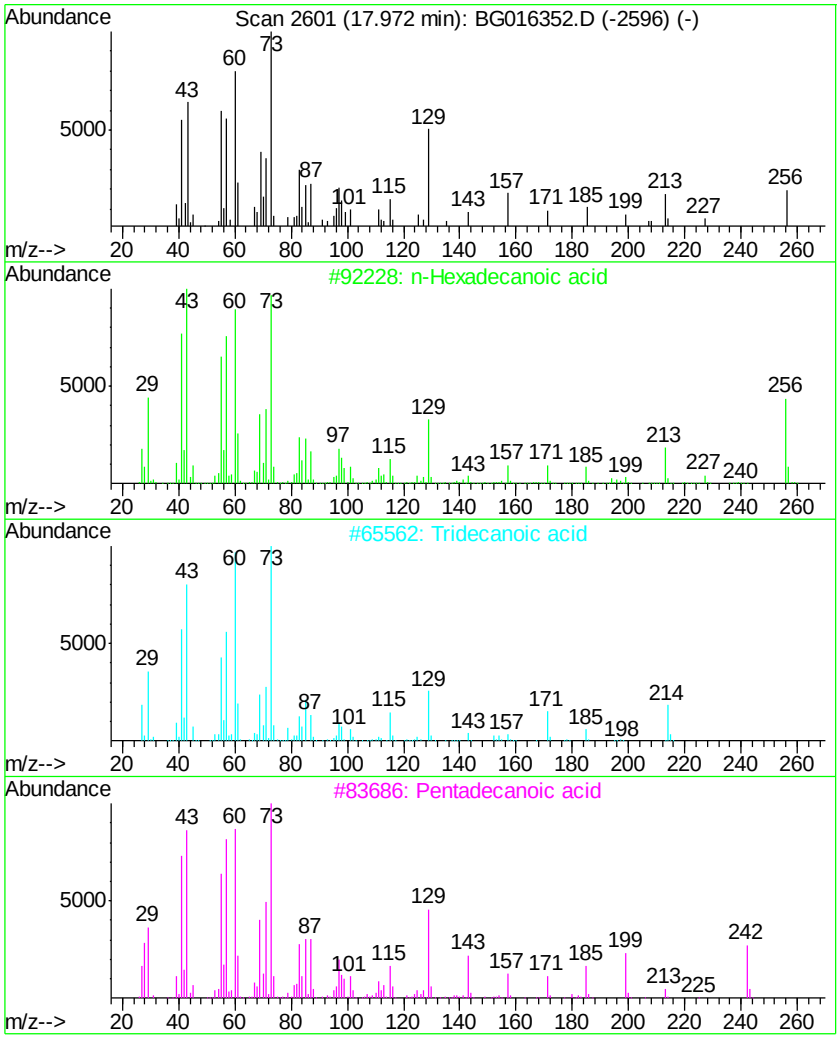
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

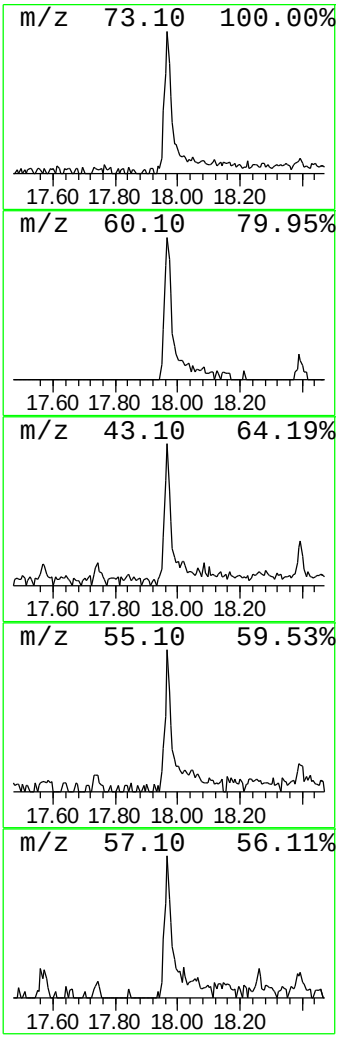
****

Peak Number 7 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.97	2.05 ng	90818	Phenanthrene-d10	17.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	30
5	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	14





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Sample : G1744-07
Misc :
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Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

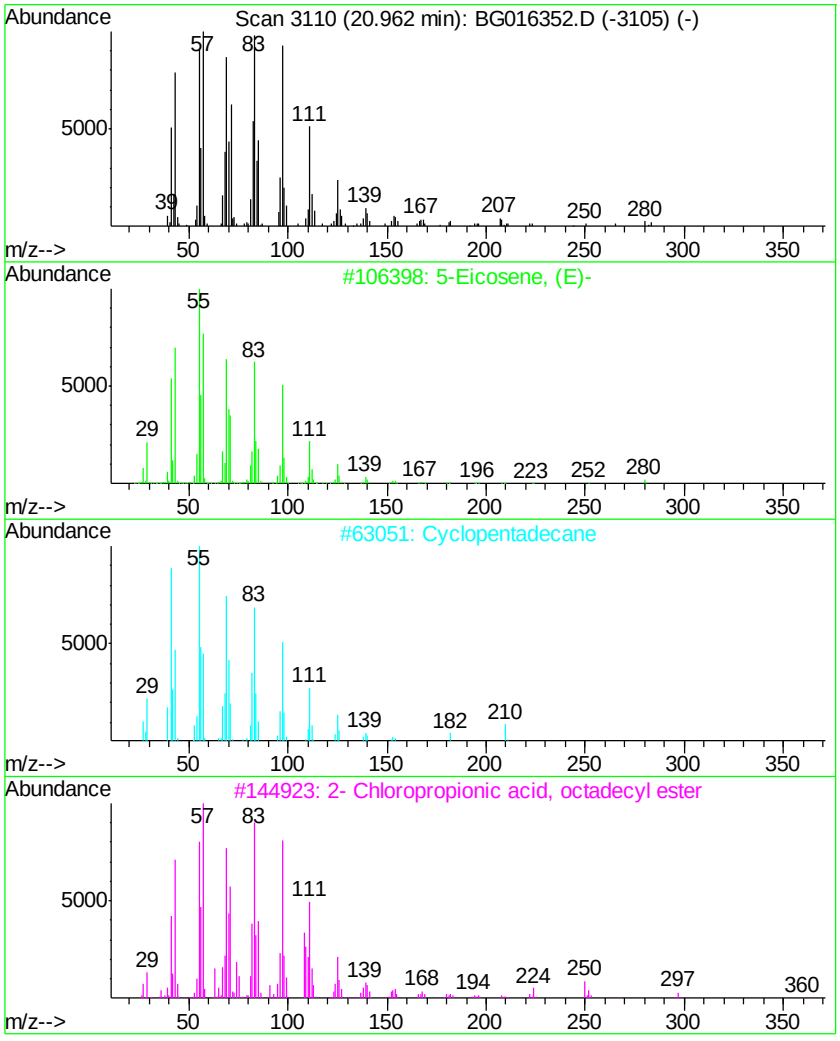
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

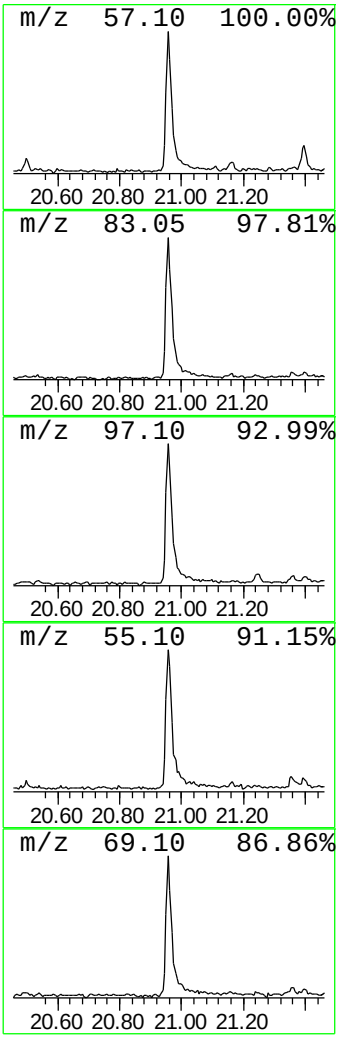
****

Peak Number 8 5-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.96	6.14 ng	272168	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	93
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_G
ClientSampleId : TD-3

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.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	6.2	ng	107140	1	7.69	347097	20.0
3-Penten-2-one, 4...	4.21	2.1	ng	37230	1	7.69	347097	20.0
2-Pentanone, 4-hy...	4.80	9.8	ng	169872	1	7.69	347097	20.0
unknown7.23	7.23	73.8	ng	1281600	1	7.69	347097	20.0
n-Hexadecanoic acid	17.97	2.0	ng	90818	4	17.07	885072	20.0
5-Eicosene, (E)-	20.96	6.1	ng	272168	5	21.24	886351	20.0