LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061115\
Data File : BG017634.D
Acq On : 12 Jun 2015 8:08
Operator : TP/IZ
Sample : G2536-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

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-BG060315.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	4.628	325	330	336	rBV	20395	30899	1.18%	0.236%
2	5.122	408	414	422	rBV	280848	406525	15.51%	3.107%
3	6.743	684	690	698	rBV	167021	274404	10.47%	2.098%
4	7.072	738	746	757	rBV	581145	889275	33.94%	6.798%
5	7.530	818	824	830	rBV	100591	160004	6.11%	1.223%
6	7.848	869	878	885	rBV	518179	793730	30.29%	6.067%
7	8.694	1014	1022	1031	rBV	429581	716164	27.33%	5.474%
8	10.321	1291	1299	1305	rBV	134292	220262	8.41%	1.684%
9	12.818	1718	1724	1732	rBV	1163201	1685532	64.32%	12.884%
10	14.205	1953	1960	1968	rBV2	214614	323583	12.35%	2.473%
11	15.227	2127	2134	2139	rBV	1212275	1580432	60.31%	12.081%
12	15.709	2209	2216	2226	rBV2	1175137	1672660	63.83%	12.786%
13	16.961	2423	2429	2436	rBV	298491	426297	16.27%	3.259%
14	17.871	2580	2584	2590	rBV4	58561	83380	3.18%	0.637%
15	19.164	2800	2804	2810	rBV7	55028	83437	3.18%	0.638%
16	19.605	2874	2879	2888	rBV	2211741	2620392	100.00%	20.030%
17	20.486	3026	3029	3032	rBV	44060	51445	1.96%	0.393%
18	21.079	3127	3130	3136	rVB	114733	116809	4.46%	0.893%
19	21.162	3139	3144	3148	rBV	404913	491378	18.75%	3.756%
20	23.359	3512	3518	3525	rVB2	254052	455731	17.39%	3.484%

Sum of corrected areas: 13082339

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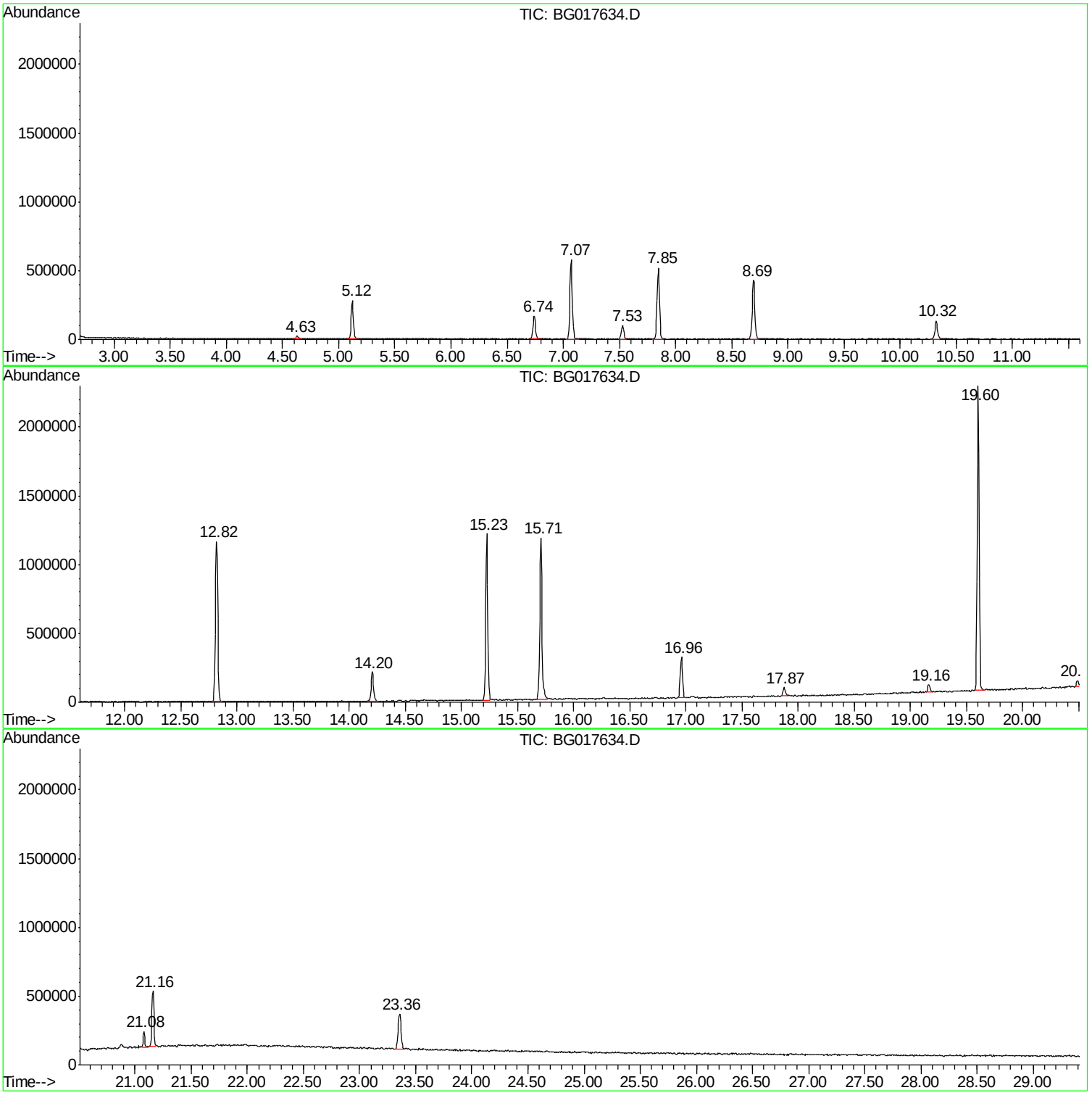
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.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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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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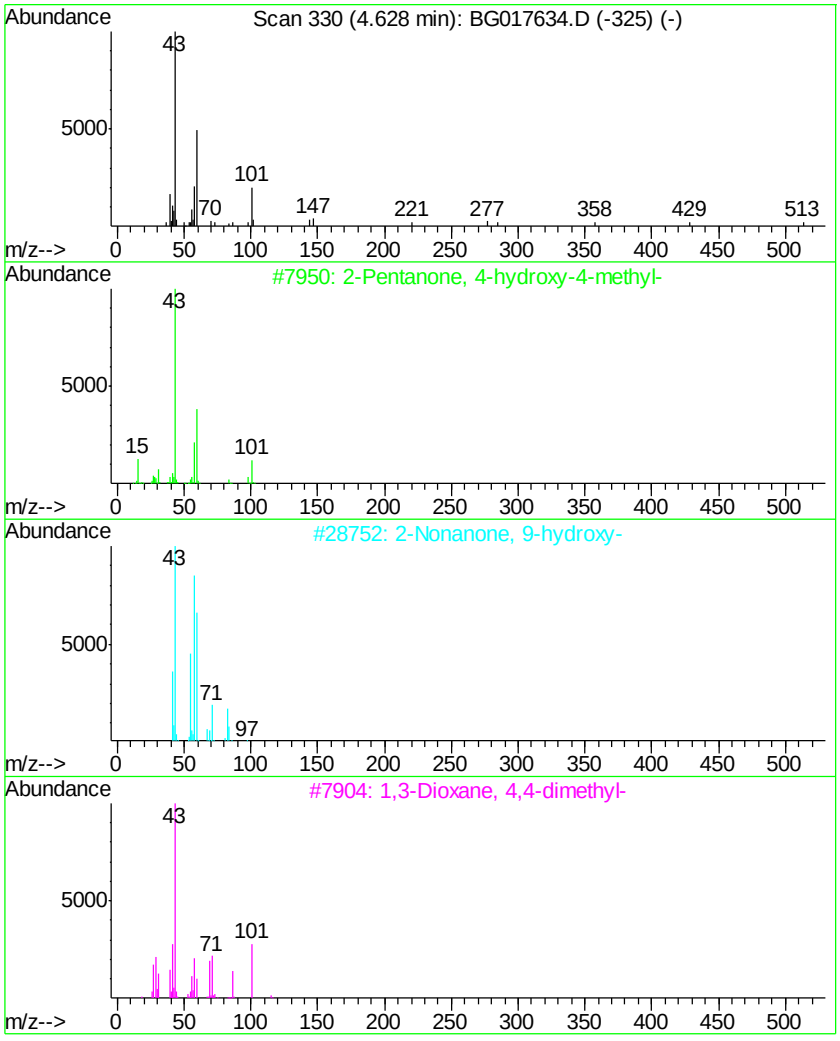
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

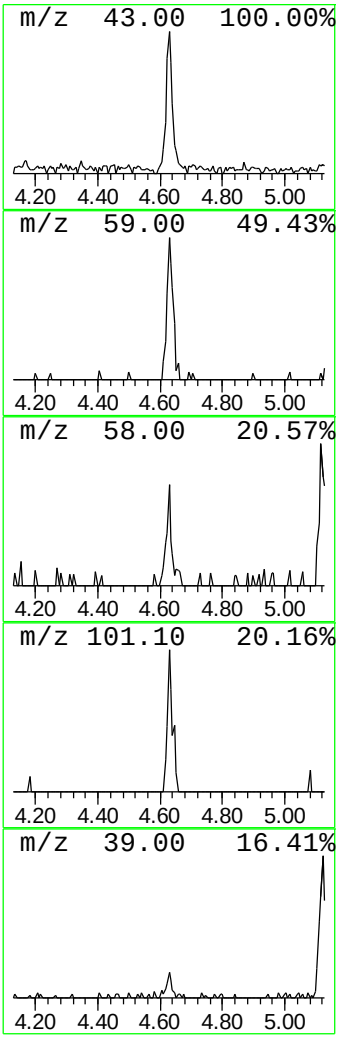
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	3.86 ng	30899	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	12
3	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	12
4	Methyl 2-acetamidoacrylate	143	C6H9NO3	035356-70-8	10
5	2-Pentanone, 5-(2-propynyloxy)-	140	C8H12O2	055702-70-0	9





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Acq On : 12 Jun 2015 8:08
Operator : TP/IZ
Sample : G2536-02
Misc :
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Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

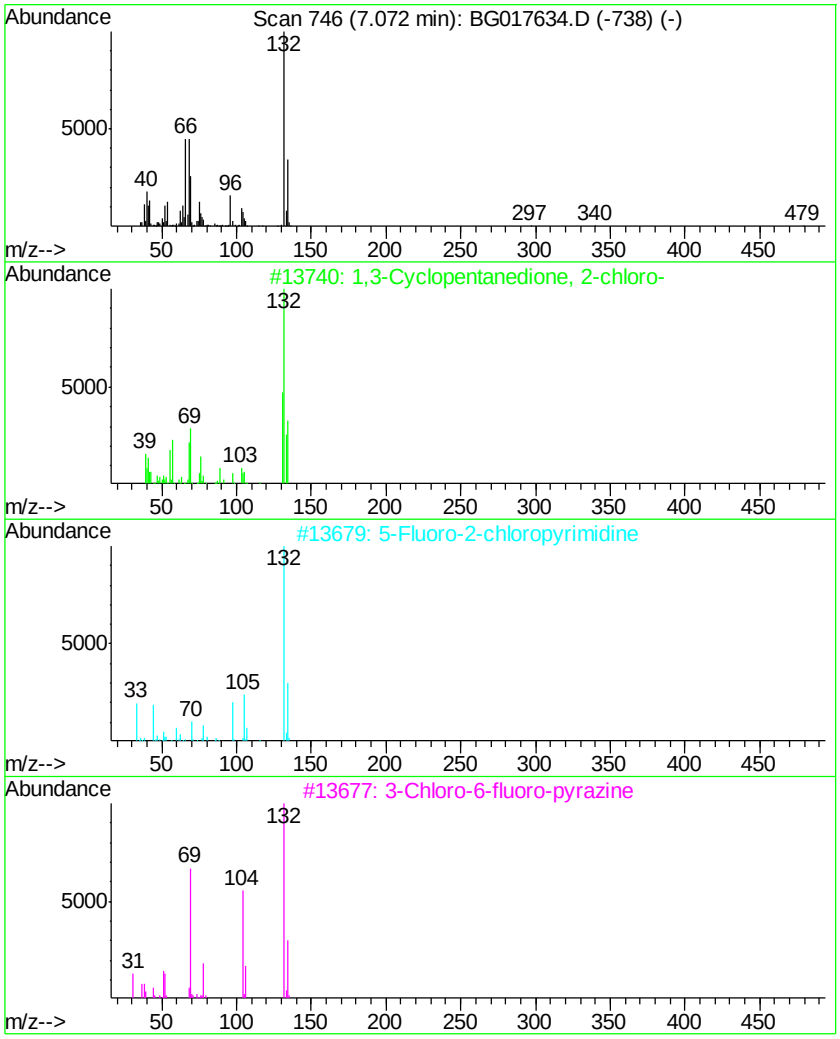
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

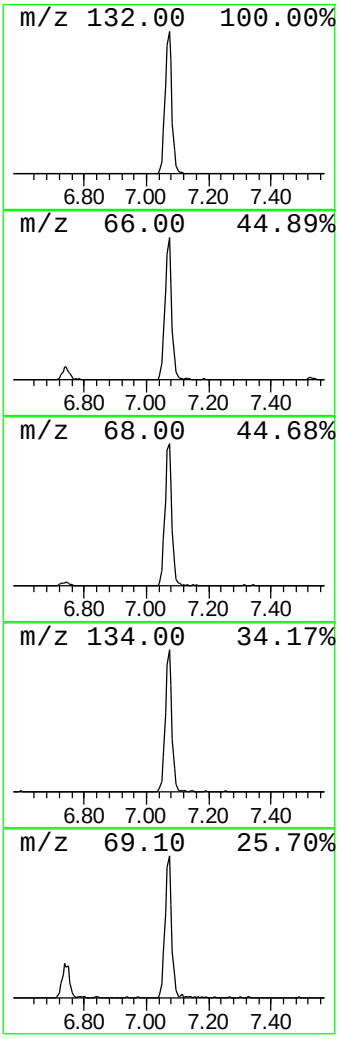
****

Peak Number 2 unknown7.07 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	111.16 ng	889275	1,4-Dichlorobenzene-d4	7.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	10





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Operator : TP/IZ
Sample : G2536-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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TIC Library : C:\DATABASE\NIST02.L
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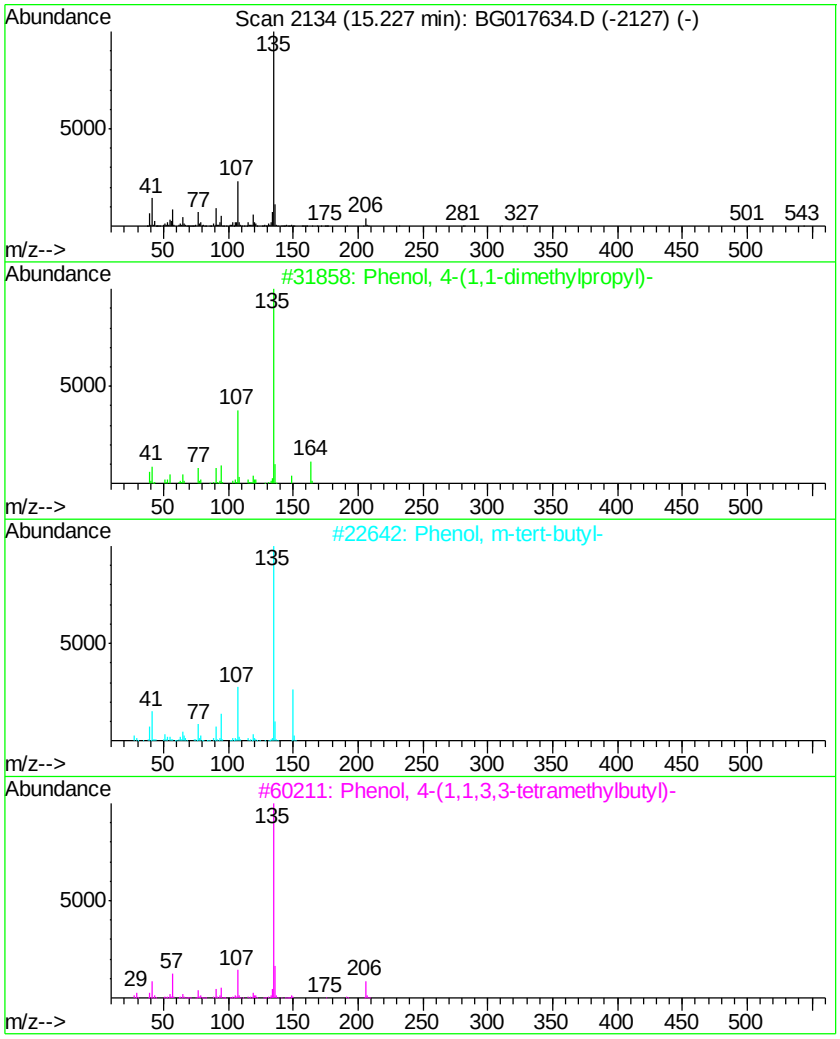
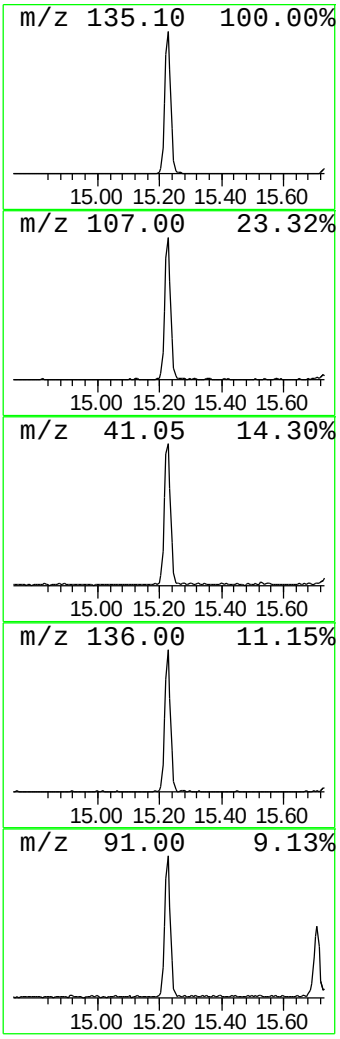
Peak Number 4 Phenol, 4-(1,1-dimethylprop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	97.68 ng	1580430	Acenaphthene-d10	14.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
3	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
4	2-Methyl-2-(4'-hydroxyphenyl)pen...	192	C12H16O2	070205-18-4	64
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	64





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Operator : TP/IZ
Sample : G2536-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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TIC Integration Parameters: LSCINT.P

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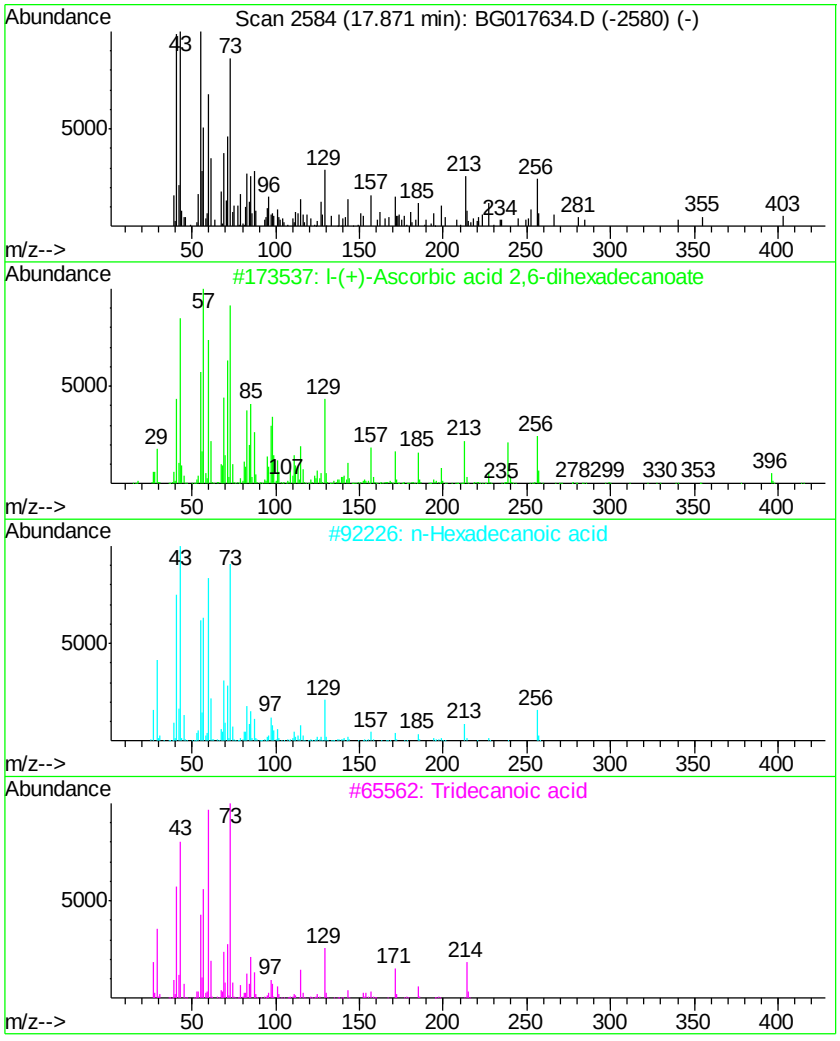
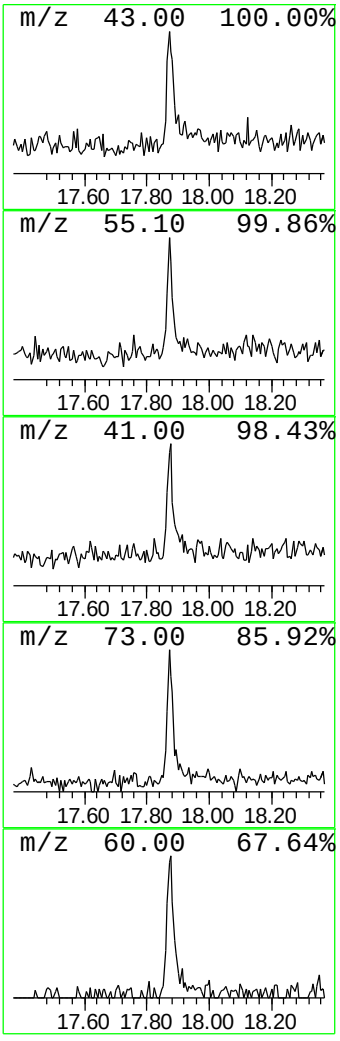
Peak Number 5 l-(+)-Ascorbic acid 2,6-dih... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.91 ng	83380	Phenanthrene-d10	16.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	l-(+)-Ascorbic acid 2,6-dihexade...	652	C38H68O8	028474-90-0	74
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	53
4	n-Decanoic acid	172	C10H20O2	000334-48-5	45
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





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Sample : G2536-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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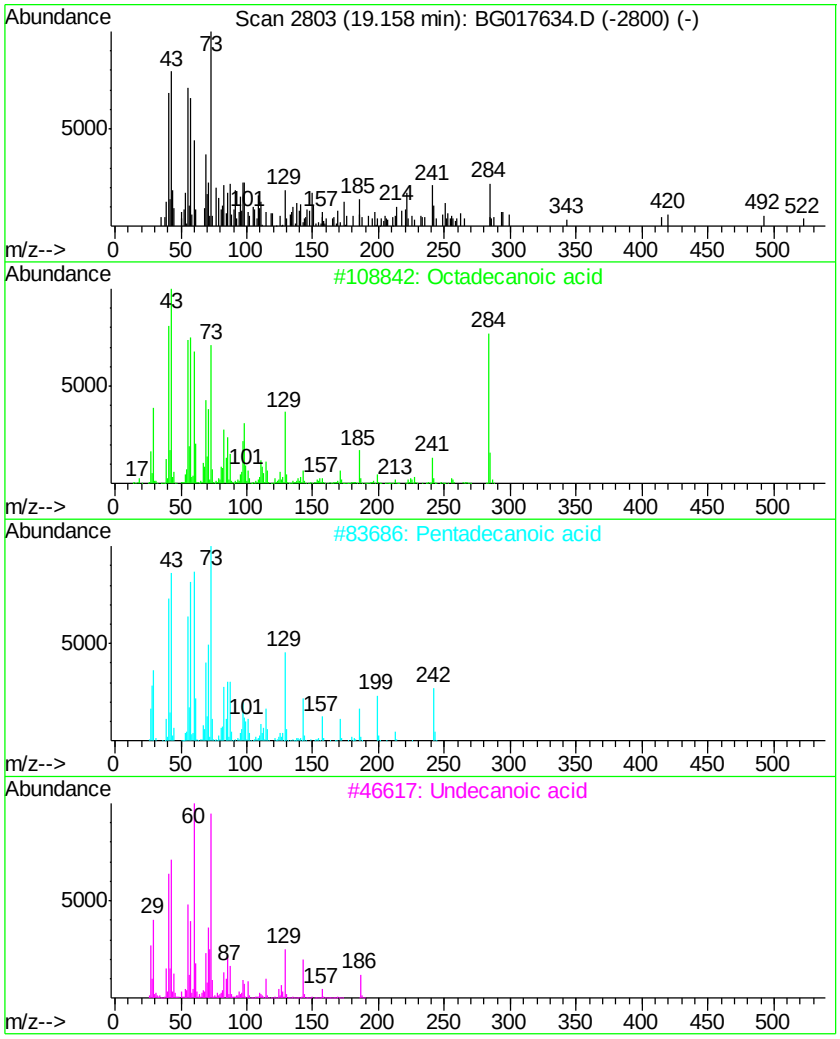
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

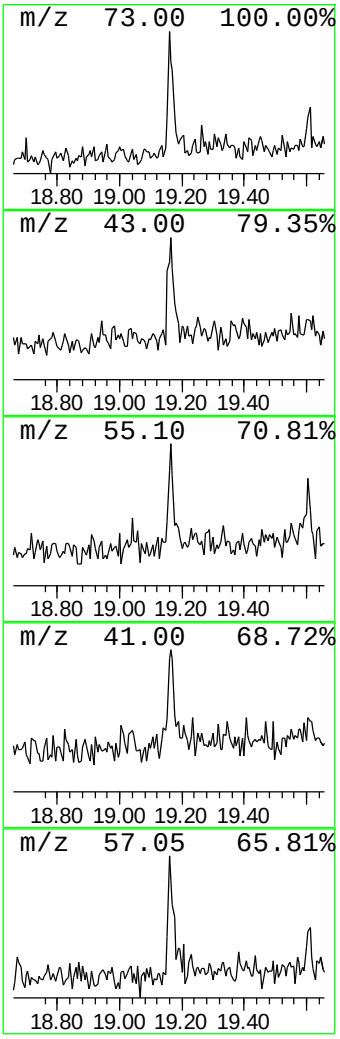
****

Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.16	3.40 ng	83437	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	70
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	55
3	Undecanoic acid	186	C11H22O2	000112-37-8	30
4	Estra-1,3,5(10)-triene-7,17-dion...	284	C18H20O3	002464-15-5	25
5	n-Decanoic acid	172	C10H20O2	000334-48-5	25





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Sample : G2536-02
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : P5-29(UNFILTERED)

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060315.M
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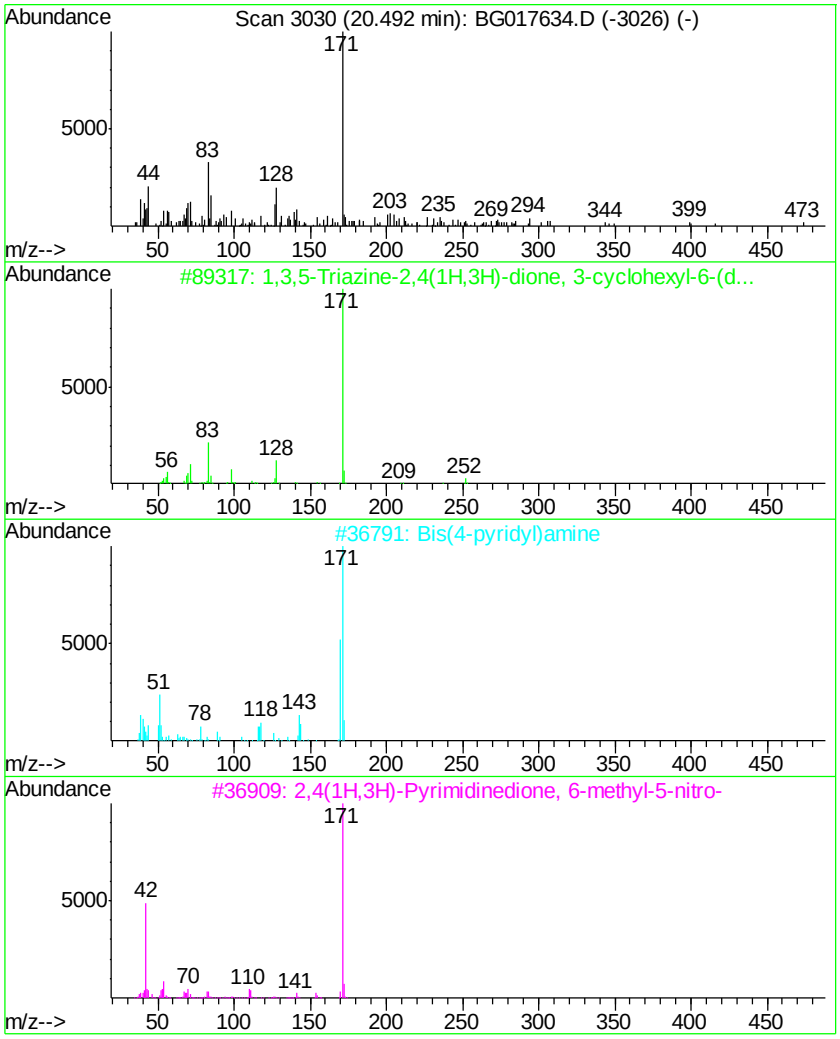
TIC Integration Parameters: LSCINT.P

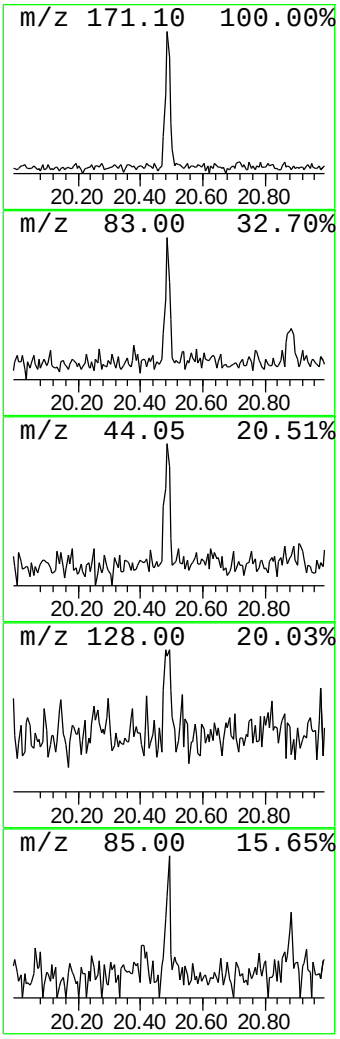
****

Peak Number 7 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	2.09 ng	51445	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	70
2	Bis(4-pyridyl)amine	171	C10H9N3	001915-42-0	43
3	2,4(1H,3H)-Pyrimidinedione, 6-me...	171	C5H5N3O4	016632-21-6	37
4	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	37
5	3,5-Dichlorobenzonitrile	171	C7H3Cl2N	006575-00-4	37





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
2-Pentanone, 4-hy...	4.63	3.9	ng	30899	1	7.53	160004	20.0
unknown7.07	7.07	111.2	ng	889275	1	7.53	160004	20.0
Phenol, 4-(1,1-di...	15.23	97.7	ng	1580430	3	14.21	323583	20.0
l-(+)-Ascorbic ac...	17.87	3.9	ng	83380	4	16.96	426297	20.0
Octadecanoic acid	19.16	3.4	ng	83437	5	21.16	491378	20.0
1,3,5-Triazine-2,...	20.49	2.1	ng	51445	5	21.16	491378	20.0