

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020606.D
 Acq On : 30 Dec 2015 13:18
 Operator : UM/SJ
 Sample : G4846-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N53

Manual Integrations
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Quant Time: Dec 31 00:03:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 30 23:49:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	23117	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	104726	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.70	164	72735	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	172916	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	210712	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	203087	20.00	ng/ul	0.00

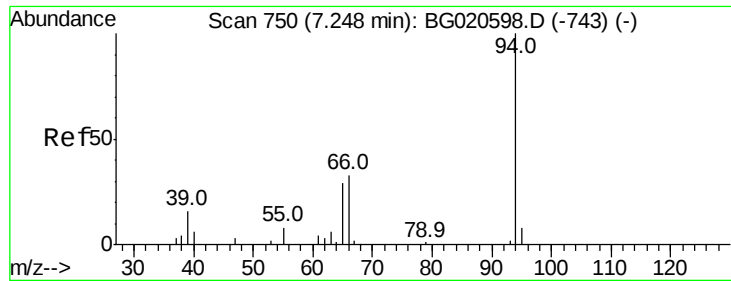
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	471	1.22	ng/uL	0.00
5) Phenol-d5	7.22	99	13658	6.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	36922	31.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	38676	25.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	27710	16.54	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	26303	32.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	31154	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	50795	28.47	ng/ul	0.00
29) 4-Chloroaniline-d4	11.02	131	1911	0.90	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	186154	31.27	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	218748	32.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	6084	6.52	ng/ul	0.00
58) Fluorene-d10	15.69	176	170647	31.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	31114	29.67	ng/ul	0.00
71) Anthracene-d10	17.54	188	264550	32.84	ng/ul	0.00
79) Pyrene-d10	19.82	212	308697	32.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	349627	34.51	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	7.25	94	9117	4.33	ng/ul 98
11) 2-Methylphenol	8.50	108	23720	14.63	ng/ul 97
14) Acetophenone	8.89	105	6494m	2.37	ng/ul
16) 4-Methylphenol	8.84	108	53586	29.88	ng/ul 91
24) 2,4-Dimethylphenol	10.05	107	71623m	34.32	ng/ul
28) Naphthalene	10.98	128	5337736	962.45	ng/ul# 66
34) 2-Methylnaphthalene	12.54	142	1053426	253.85	ng/ul 99
41) 1,1'-Biophenyl	13.53	154	325467	59.47	ng/ul 99
48) Acenaphthylene	14.42	152	147222	20.44	ng/ul 98
50) Acenaphthene	14.78	153	1464985	300.63	ng/ul 95
54) Dibenzofuran	15.11	168	1224776	166.31	ng/ul 96
59) Fluorene	15.75	166	1051003	177.42	ng/ul 98
70) Phenanthrene	17.50	178	1966265m	209.16	ng/ul
72) Anthracene	17.58	178	130543	13.58	ng/ul 98
75) Carbazole	17.86	167	1004134	123.75	ng/ul# 94
77) Fluoranthene	19.49	202	386719	33.67	ng/ul 100
80) Pyrene	19.85	202	218418	17.90	ng/ul 100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6

Phenol

Concen: 4.33 ng/ul

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

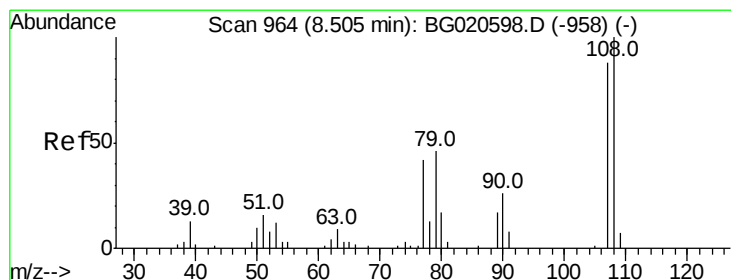
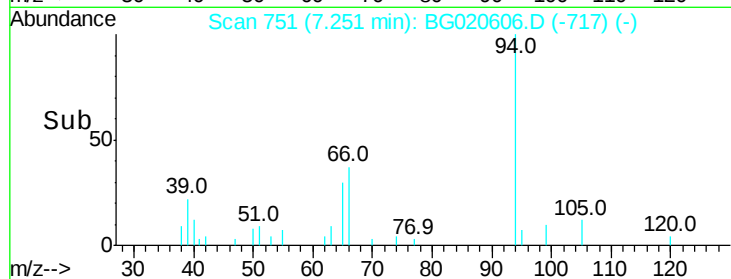
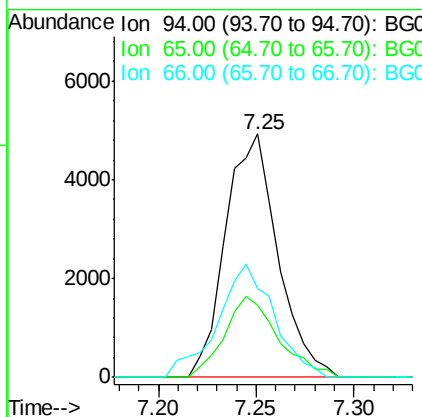
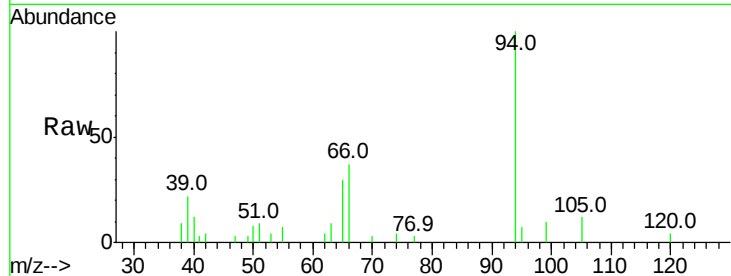
ClientSampleId :

D9N53

Tot Ion:	94	Resp:	9117
Ion Ratio	Lower	Upper	
94	100		
65	29.9	23.0	34.6
66	36.6	30.4	45.6

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#11

2-Methylphenol

Concen: 14.63 ng/ul

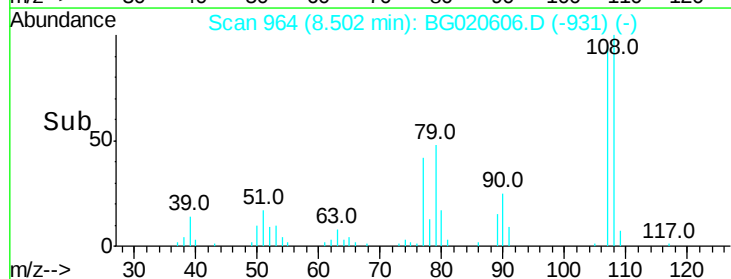
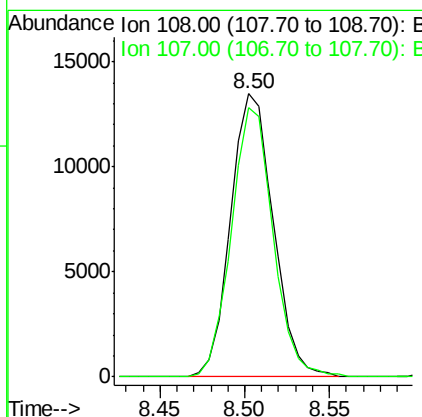
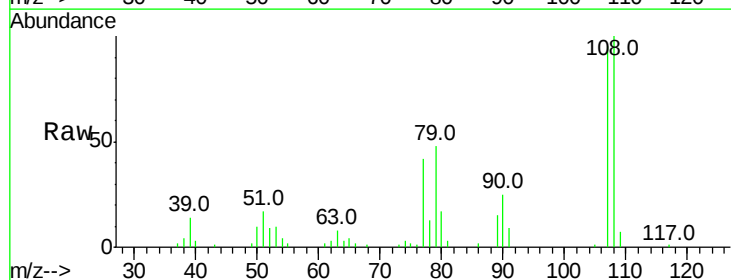
RT: 8.50 min Scan# 964

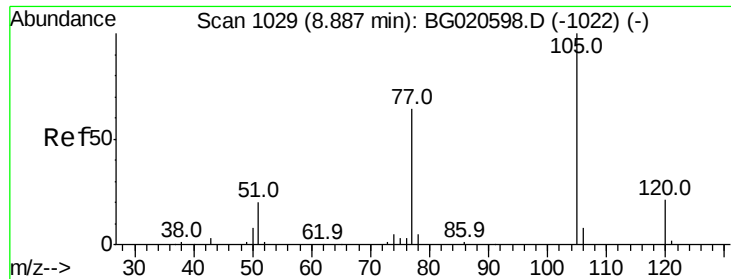
Delta R.T. -0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Tgt Ion:	108	Resp:	23720
Ion Ratio	Lower	Upper	
108	100		
107	95.2	74.1	111.1





#14

Acetophenone

Concen: 2.37 ng/ul m

RT: 8.89 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

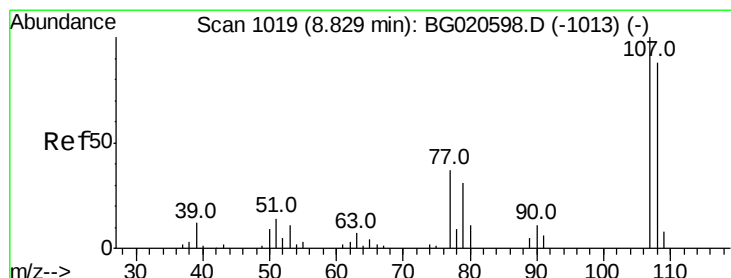
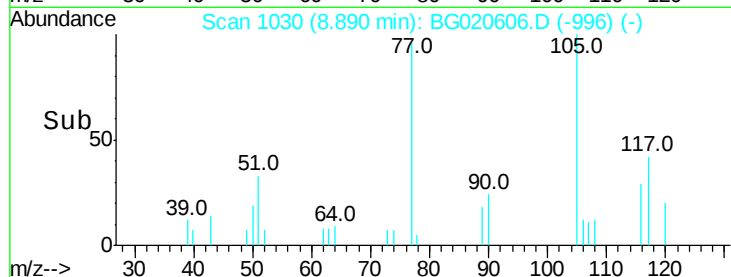
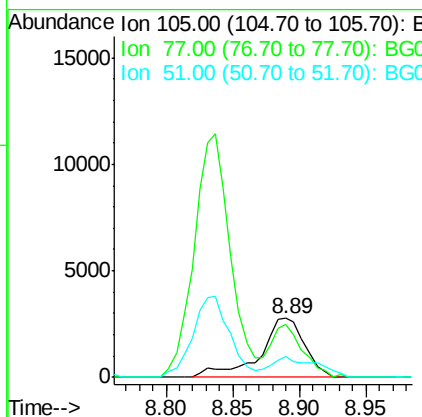
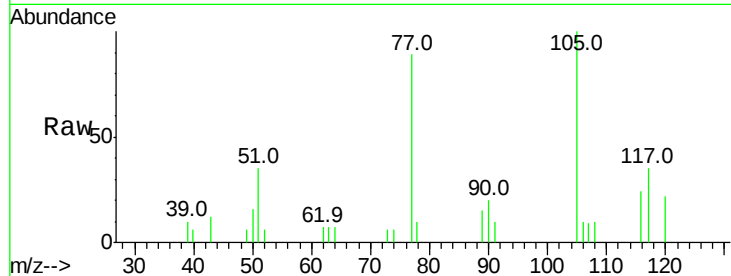
ClientSampled :

D9N53

Tot Ion:	105	Resp:	6494
Ion Ratio	Lower	Upper	
105	100		
77	88.8	63.2	94.8
51	35.0	19.8	29.8

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#16

4-Methylphenol

Concen: 29.88 ng/ul

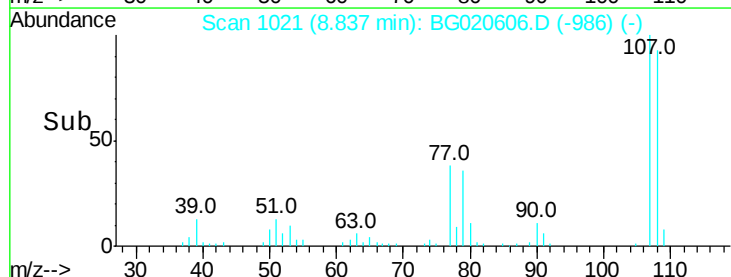
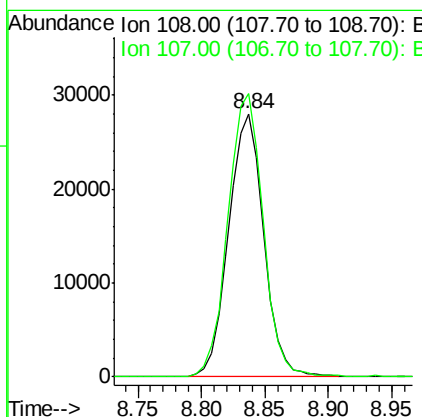
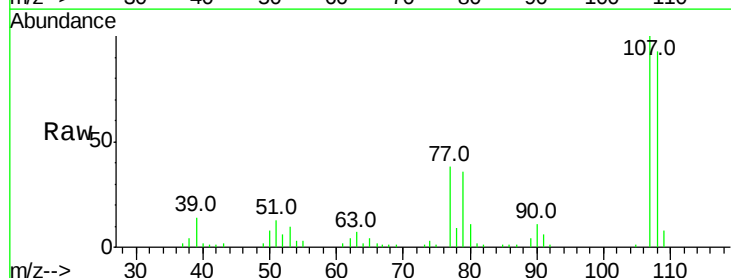
RT: 8.84 min Scan# 1021

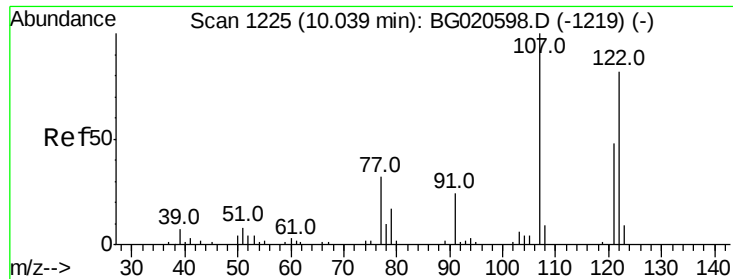
Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Tgt Ion:	108	Resp:	53586
Ion Ratio	Lower	Upper	
108	100		
107	107.6	93.6	140.4





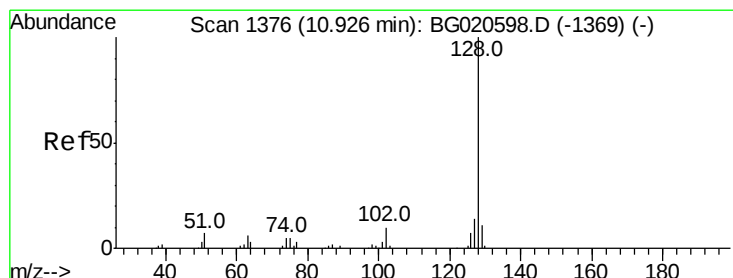
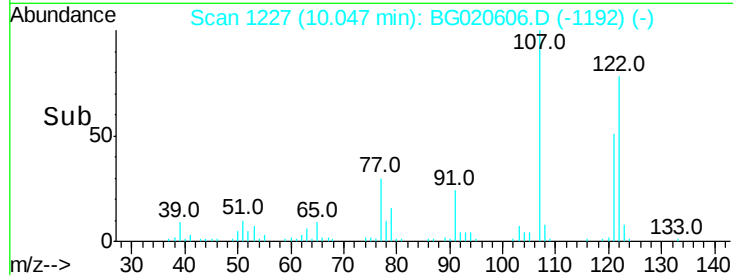
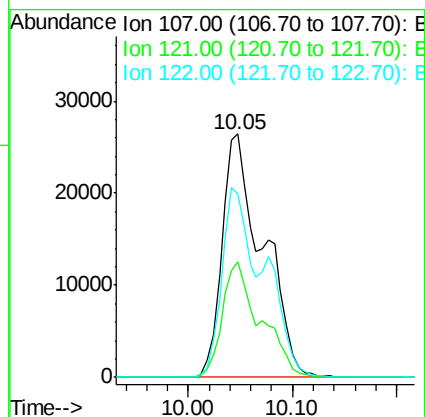
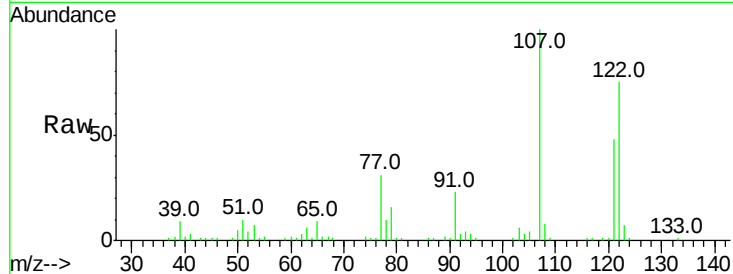
#24
2,4-Dimethylphenol
Concen: 34.32 ng/ul m
RT: 10.05 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BG020606.D
Acq: 30 Dec 2015 13:18

Instrument :
BNA_G
ClientSampleId :
D9N53

Tot Ion:107 Resp: 71623
Ion Ratio Lower Upper
107 100
121 47.5 38.1 57.1
122 75.2 63.8 95.8

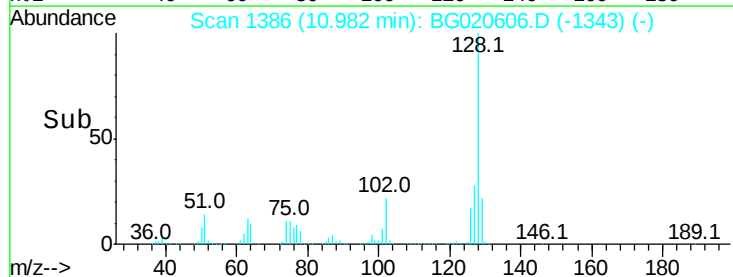
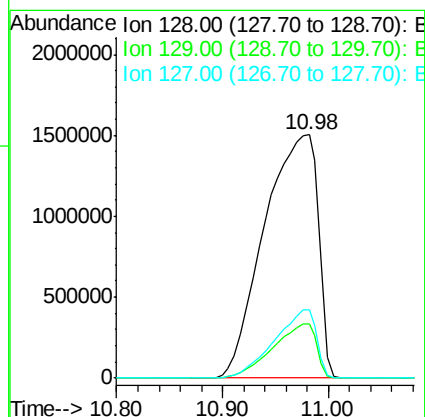
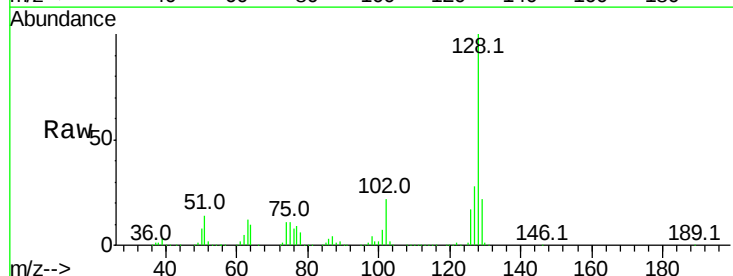
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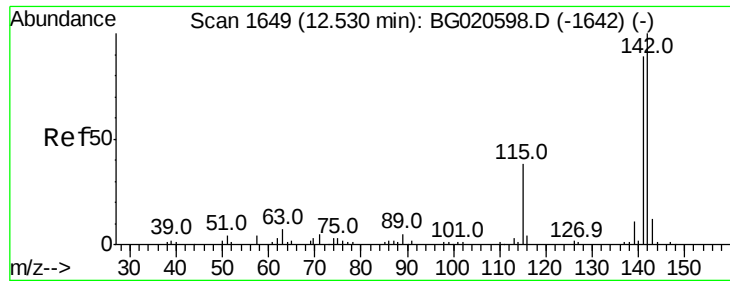
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#28
Naphthalene
Concen: 962.45 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.06 min
Lab File: BG020606.D
Acq: 30 Dec 2015 13:18

Tgt Ion:128 Resp: 5337736
Ion Ratio Lower Upper
128 100
129 22.2 8.3 12.5#
127 28.0 10.8 16.2#





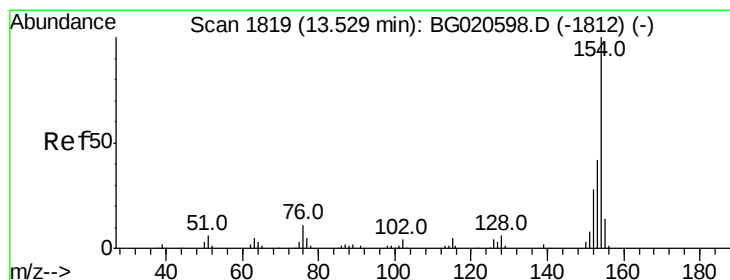
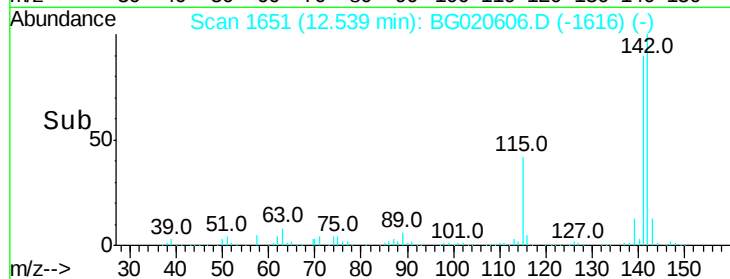
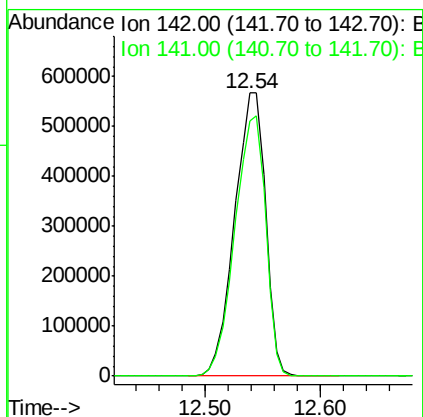
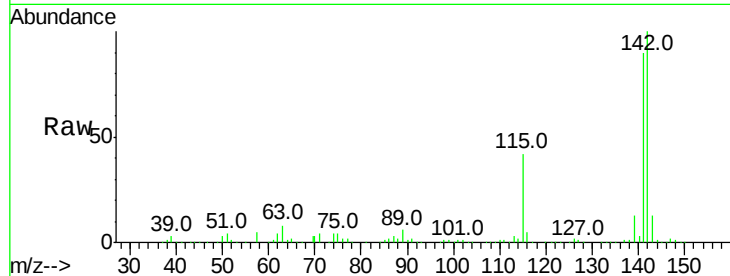
#34
 2-Methylnaphthalene
 Concen: 253.85 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.01 min
 Lab File: BG020606.D
 Acq: 30 Dec 2015 13:18

Instrument :
 BNA_G
 ClientSampleId :
 D9N53

Tot Ion:142 Resp: 1053426
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.4 107.2

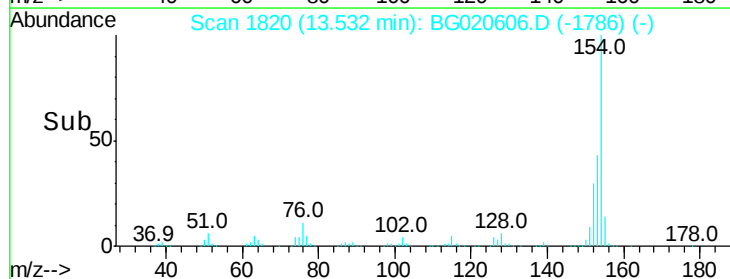
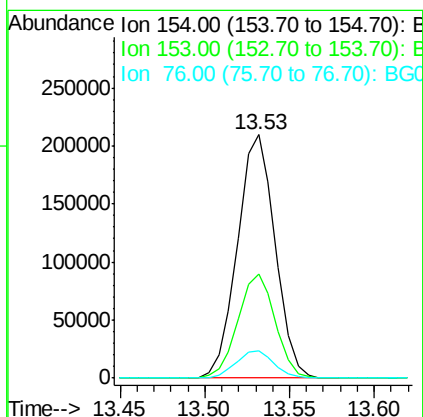
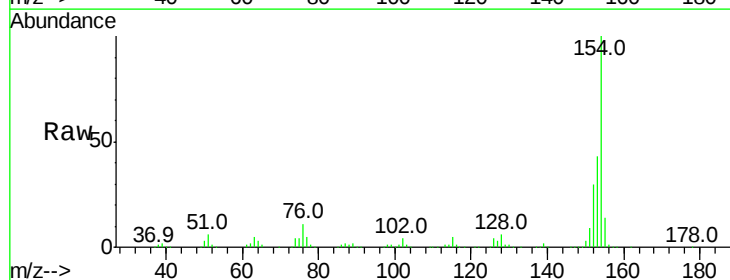
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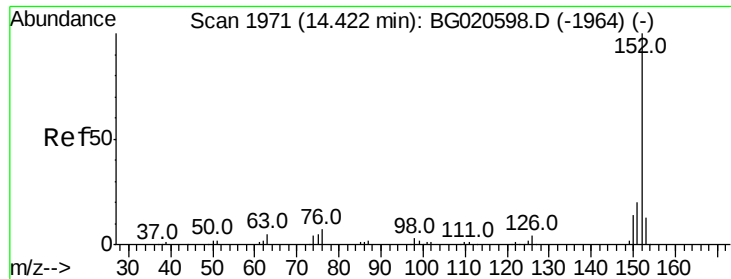
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#41
 1,1'-Biphenyl
 Concen: 59.47 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. 0.00 min
 Lab File: BG020606.D
 Acq: 30 Dec 2015 13:18

Tgt Ion:154 Resp: 325467
 Ion Ratio Lower Upper
 154 100
 153 42.6 34.0 51.0
 76 11.5 8.4 12.6





#48

Acenaphthylene

Concen: 20.44 ng/ul

RT: 14.42 min Scan# 1971

Delta R.T. -0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

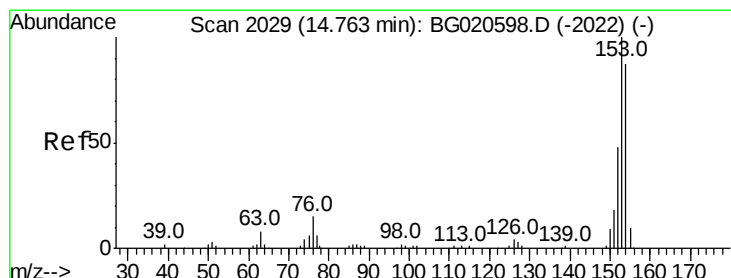
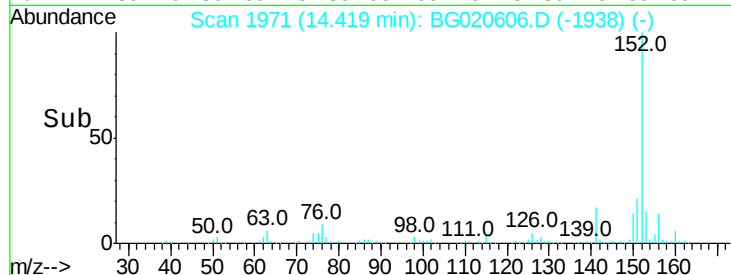
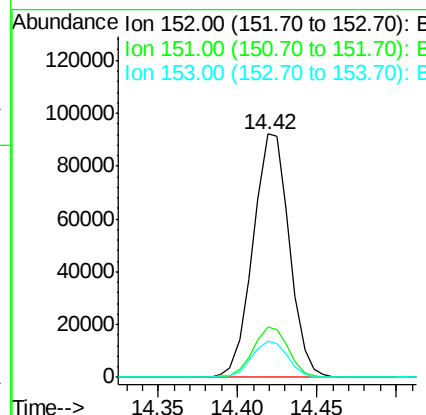
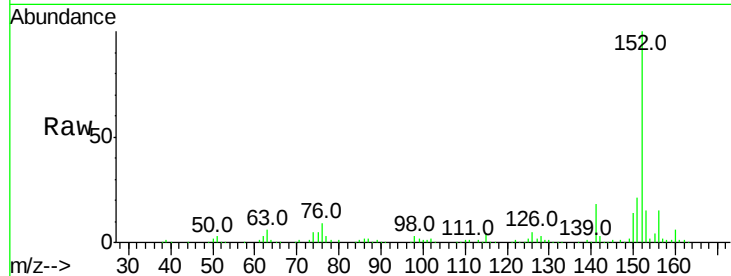
ClientSampleId :

D9N53

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	14.8	10.8	16.2

Manual Integrations
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#50

Acenaphthene

Concen: 300.63 ng/ul

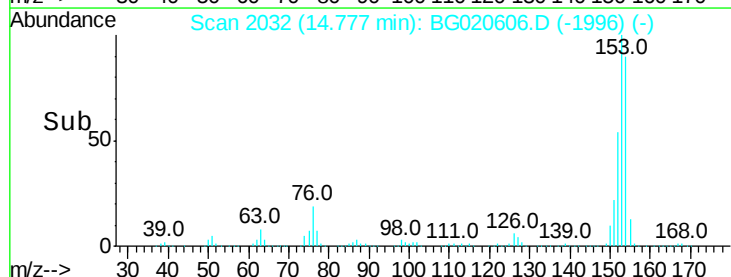
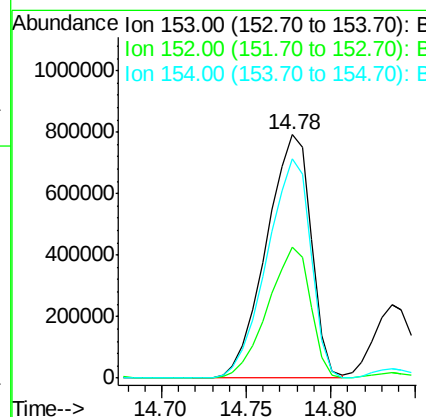
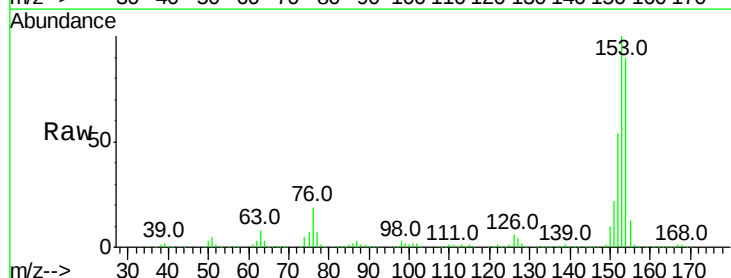
RT: 14.78 min Scan# 2032

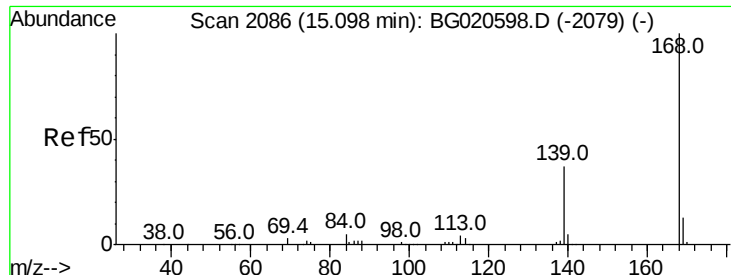
Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.6	37.9	56.9
154	89.8	69.8	104.6





#54

Dibenzenofuran

Concen: 166.31 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

ClientSampleId :

D9N53

Tot Ion:168 Resp: 1224776

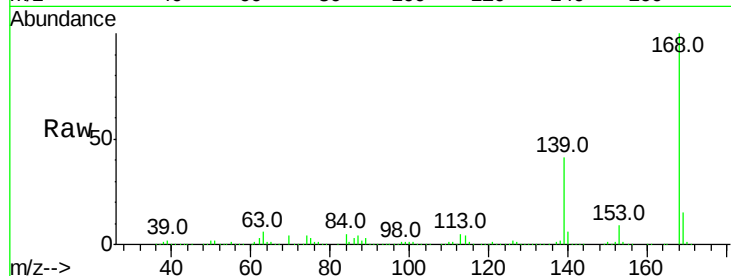
Ion Ratio Lower Upper

168 100

139 41.2 31.0 46.4

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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.11

800000

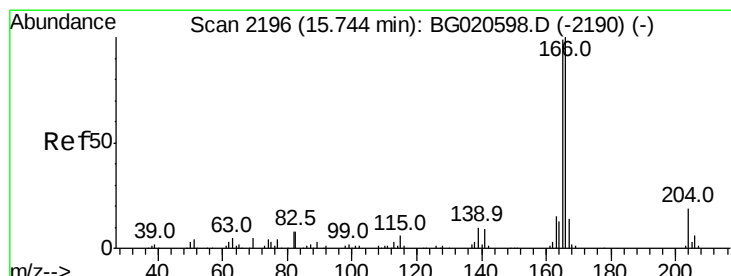
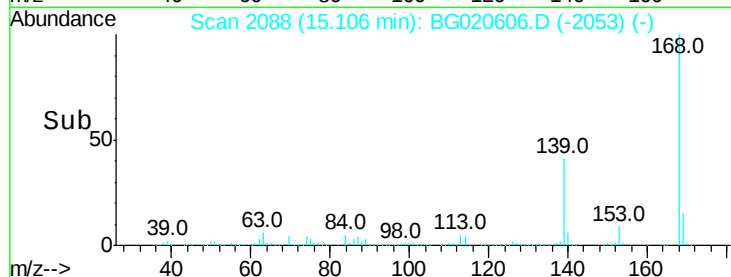
600000

400000

200000

0

Time-->



#59

Fluorene

Concen: 177.42 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

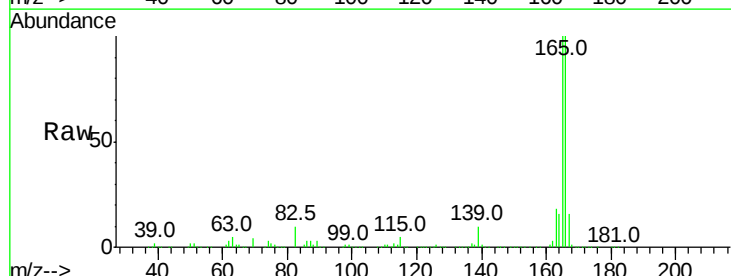
Tgt Ion:166 Resp: 1051003

Ion Ratio Lower Upper

166 100

165 99.8 78.4 117.6

167 16.1 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.75

800000

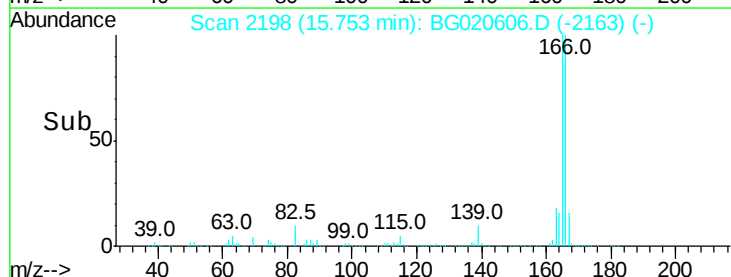
600000

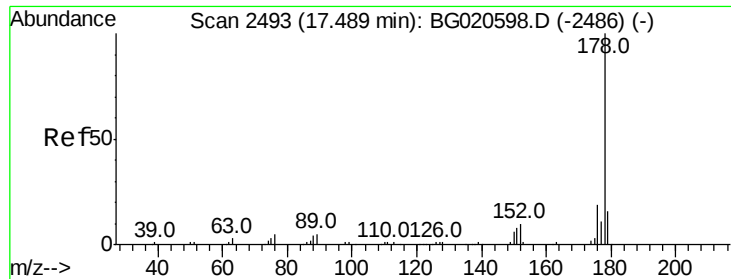
400000

200000

0

Time-->





#70

Phenanthrene

Concen: 209.16 ng/ul m

RT: 17.50 min Scan# 2495

Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

ClientSampleId :

D9N53

Tot Ion:178 Resp: 1966265

Ion Ratio Lower Upper

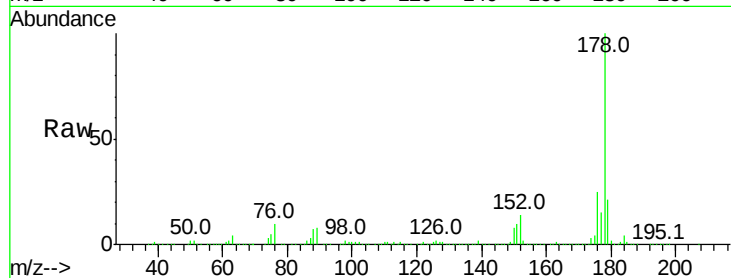
178 100

179 20.8 12.3 18.5#

176 24.8 15.4 23.0#

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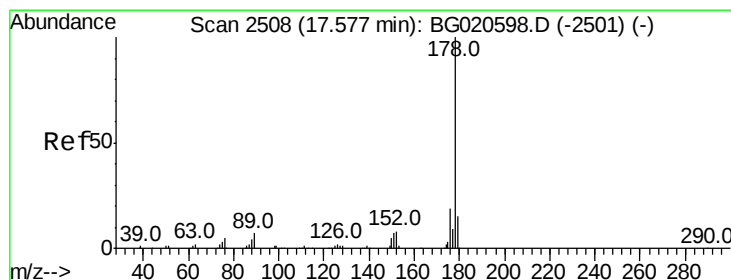
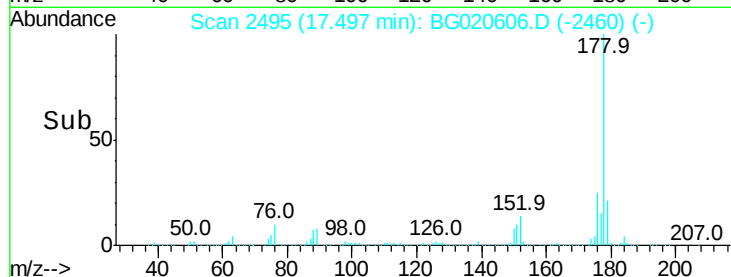
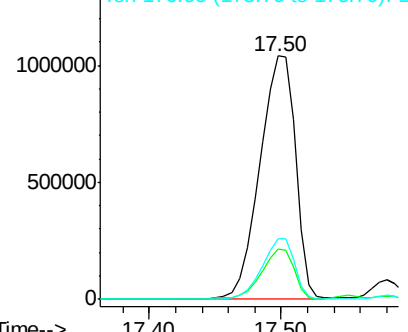
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 13.58 ng/ul

RT: 17.58 min Scan# 2509

Delta R.T. 0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

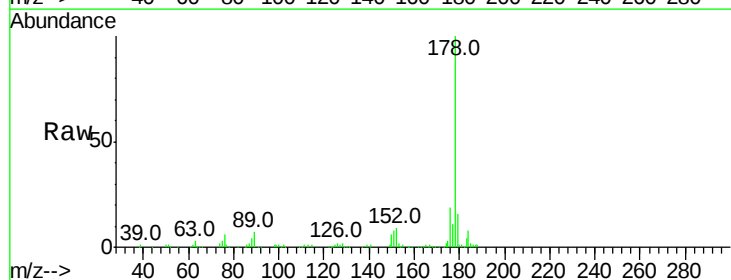
Tgt Ion:178 Resp: 130543

Ion Ratio Lower Upper

178 100

179 15.7 13.4 20.2

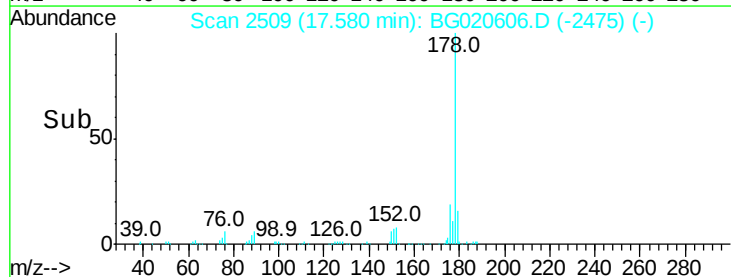
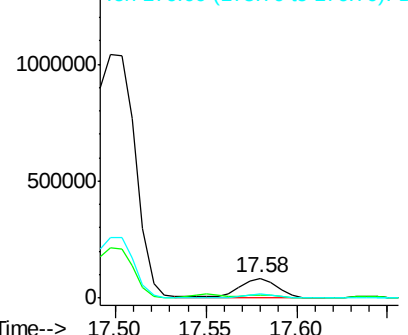
176 18.7 15.4 23.0

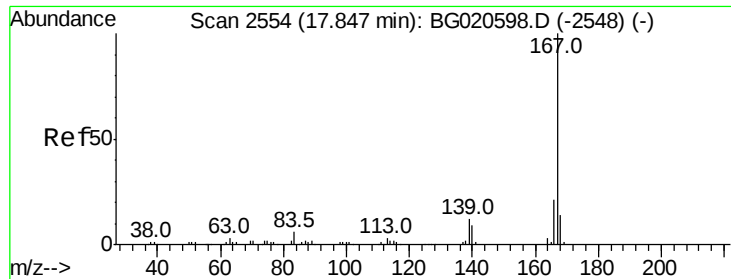


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 123.75 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.01 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

Instrument :

BNA_G

ClientSampleId :

D9N53

Tot Ion:167 Resp: 1004134

Ion Ratio Lower Upper

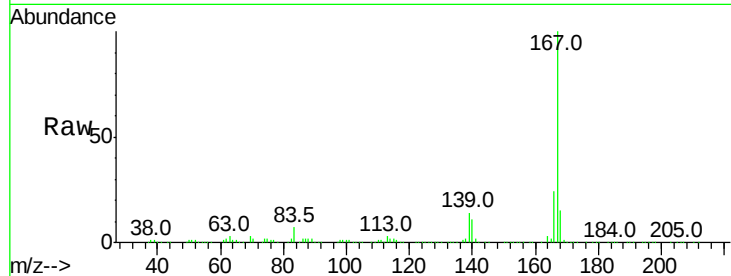
167 100

166 24.0 17.0 25.4

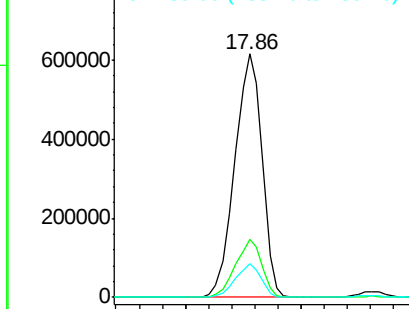
139 13.9 9.1 13.7#

Manual Integrations
APPROVED

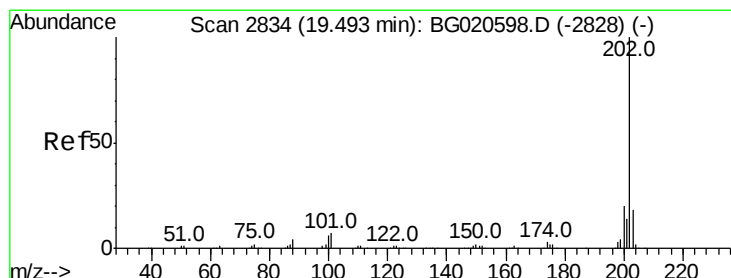
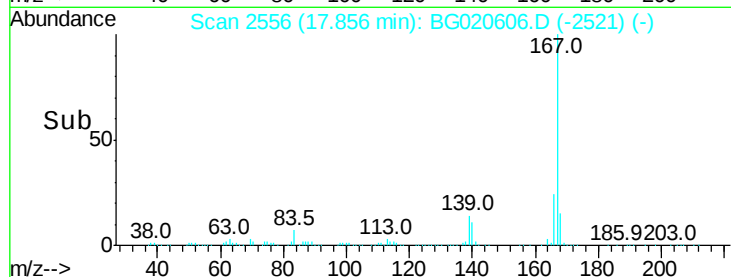
Sohil
12/31/2015 6:33:13 PM



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Time-->



#77

Fluoranthene

Concen: 33.67 ng/ul

RT: 19.49 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG020606.D

Acq: 30 Dec 2015 13:18

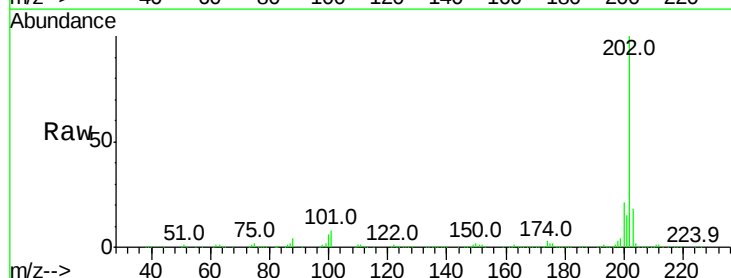
Tgt Ion:202 Resp: 386719

Ion Ratio Lower Upper

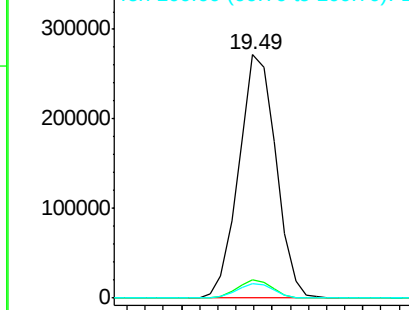
202 100

101 7.7 6.1 9.1

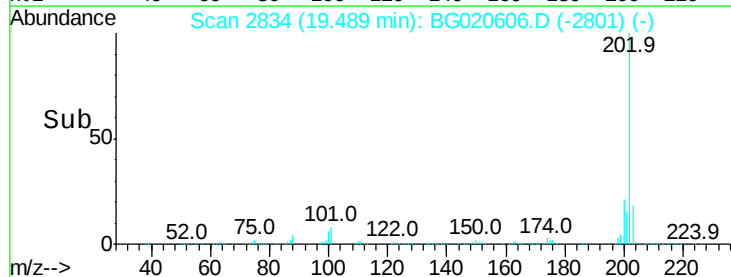
100 6.1 4.6 7.0

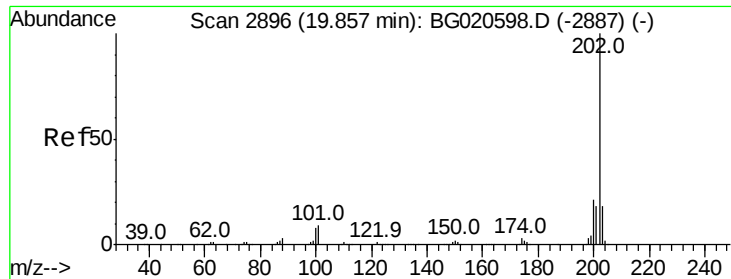


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



Time-->





#80
 Pvrene
 Concen: 17.90 ng/ul
 RT: 19.85 min Scan# 2896
 Delta R.T. -0.00 min
 Lab File: BG020606.D
 Acq: 30 Dec 2015 13:18

Instrument :
 BNA_G
 ClientSampleId :
 D9N53

Tot Ion:	202	Resp:	218418
Ion Ratio	Lower	Upper	
202	100		
101	8.6	6.9	10.3
100	7.3	5.6	8.4

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:33:13 PM

