

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110317\
 Data File : BG030689.D
 Acq On : 3 Nov 2017 8:03
 Operator : SJ/JU
 Sample : I5844-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AH4

Manual Integrations
 APPROVED

Sohil
 11/3/2017 10:52:29 AM

Quant Time: Nov 03 08:41:42 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 08:10:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	297334	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	194027	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	448228	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	473855	20.00	ng/ul	0.00
83) Perylene-d12	25.08	264	488329	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	4031	2.72	ng/uL	0.00
5) Phenol-d5	7.31	99	84379	14.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	54278	15.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	69890	17.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	60387	12.93	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	38791	18.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	42021	19.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	78177	15.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	32492	5.61	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	281733	16.98	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	349187	17.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	20219	6.60	ng/ul	0.01
57) Fluorene-d10	15.76	176	259881	19.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	24686	11.28	ng/ul	0.00
70) Anthracene-d10	17.61	188	369528	17.43	ng/ul	0.00
76) Pyrene-d10	19.88	212	430284	17.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	405155	17.52	ng/ul	0.00
Target Compounds						
6) Phenol	7.34	94	10988	1.837	ng/ul#	85
44) Dimethylphthalate	14.21	163	104618	6.466	ng/ul	99
69) Phenanthrene	17.55	178	577858	23.848	ng/ul	98
71) Anthracene	17.64	178	37654	1.506	ng/ul	98
72) Carbazole	17.91	167	84814	3.774	ng/ul	99
74) Fluoranthene	19.55	202	1541035m	56.906	ng/ul	
77) Pyrene	19.91	202	1206842	38.001	ng/ul	97
80) Benzo(a)anthracene	21.76	228	480136	16.168	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.65	149	21556	1.155	ng/ul#	93
82) Chrysene	21.83	228	781151	28.950	ng/ul	98
85) Benzo(b)fluoranthene	24.04	252	1084553	36.995	ng/ul	97
86) Benzo(k)fluoranthene	24.09	252	346253	12.216	ng/ul	98
88) Benzo(a)pyrene	24.93	252	563468	19.746	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.86	276	559328	17.325	ng/ul	99
90) Dibenzo(a,h)anthracene	28.89	278	122322m	4.561	ng/ul	
91) Benzo(g,h,i)perylene	30.05	276	472340	17.650	ng/ul#	92

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

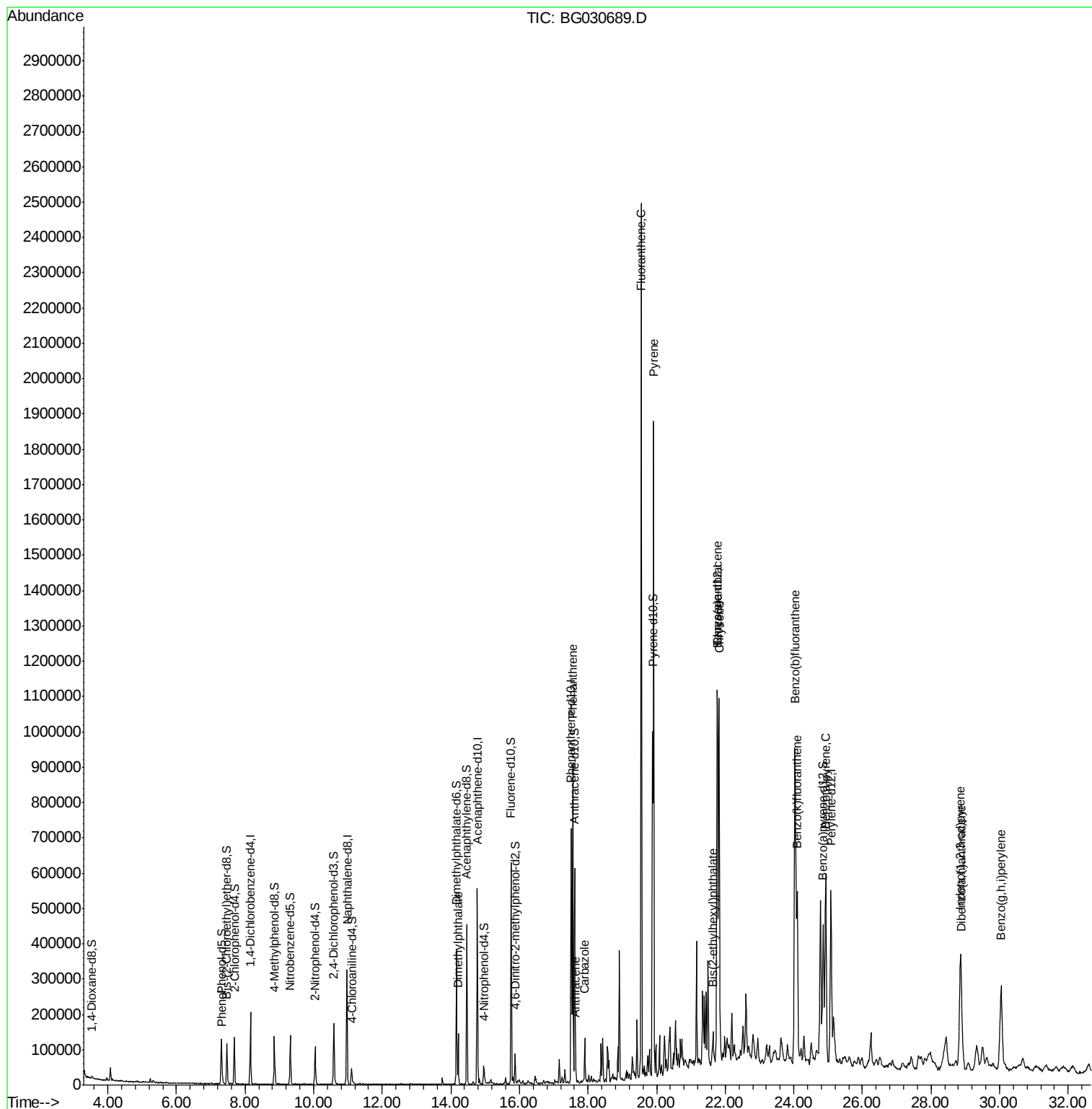
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110317\
Data File : BG030689.D
Acq On : 3 Nov 2017 8:03
Operator : SJ/JU
Sample : I5844-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

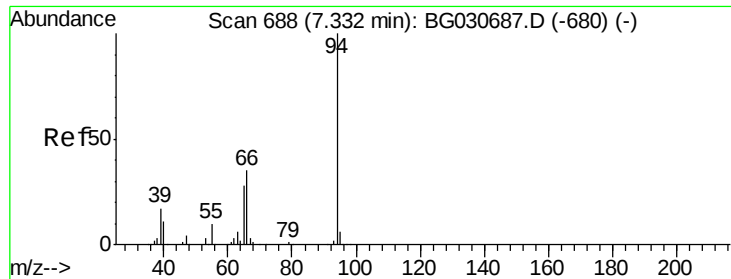
Instrument :
BNA_G
ClientSampled :
C0AH4

Quant Time: Nov 03 08:41:42 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 03 08:10:07 2017
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#6

Phenol

Concen: 1.837 ng/ul

RT: 7.34 min Scan# 689

Delta R.T. 0.01 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Instrument :

BNA_G

ClientSampleId :

C0AH4

Tgt Ion: 94 Resp: 10988

Ion Ratio Lower Upper

94 100

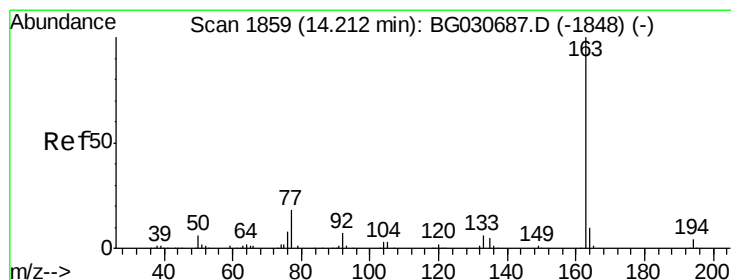
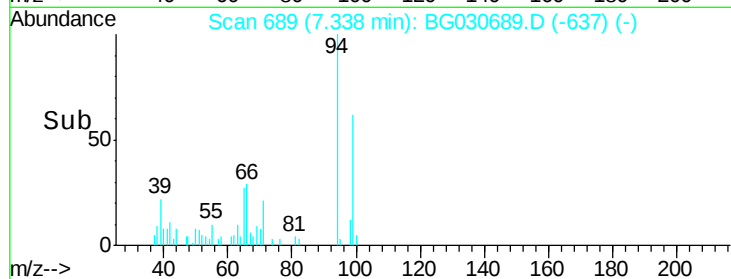
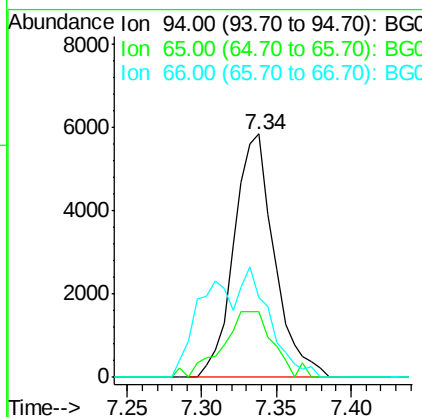
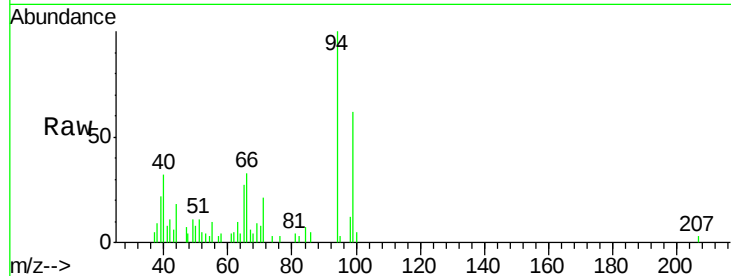
65 26.8 27.1 40.7#

66 32.8 34.6 52.0#

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#44

Dimethylphthalate

Concen: 6.466 ng/ul

RT: 14.21 min Scan# 1859

Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

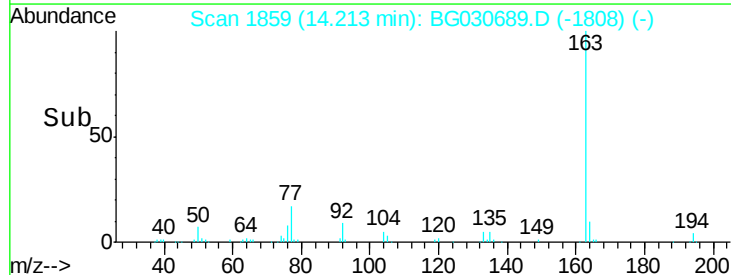
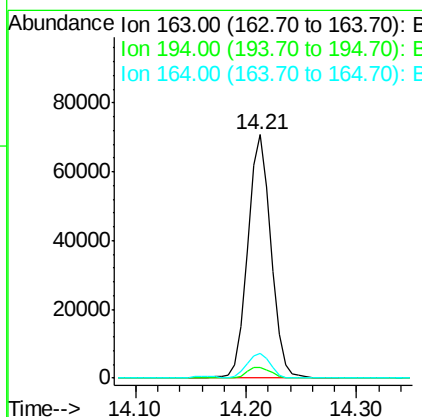
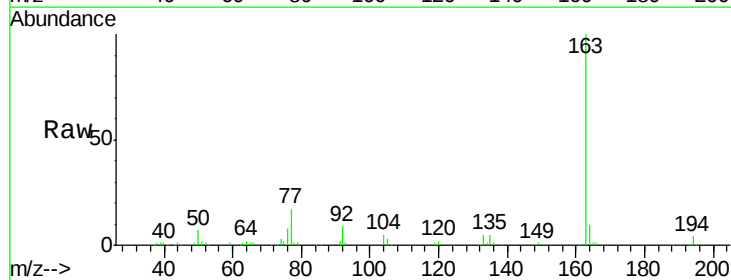
Tgt Ion:163 Resp: 104618

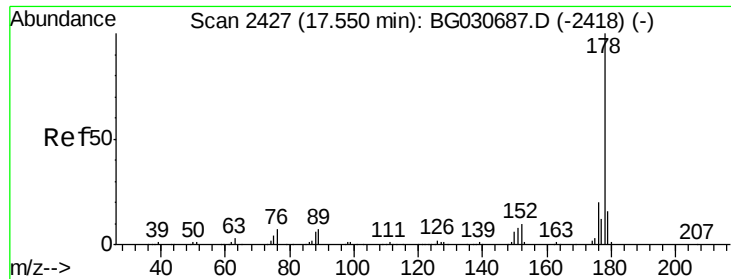
Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

164 10.1 7.6 11.4





#69

Phenanthrene

Concen: 23.848 ng/ul

RT: 17.55 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Instrument :

BNA_G

ClientSampled :

C0AH4

Tgt Ion:178 Resp: 577858

Ion Ratio Lower Upper

178 100

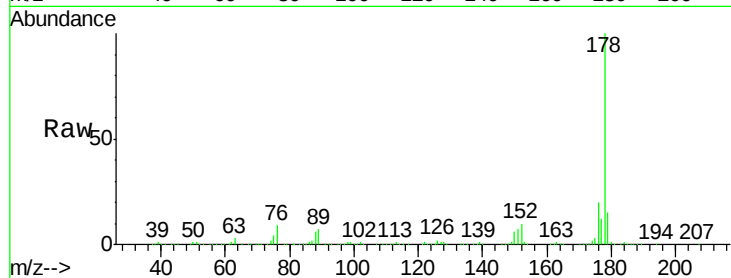
179 15.4 13.0 19.6

176 20.1 15.3 22.9

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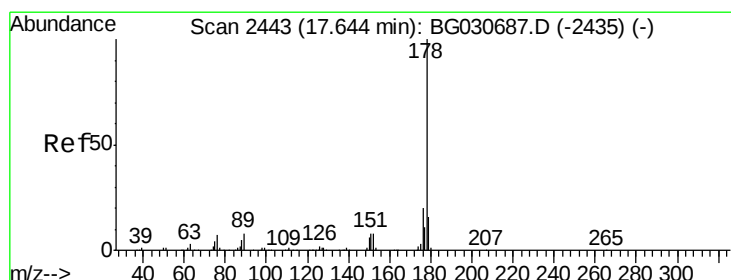
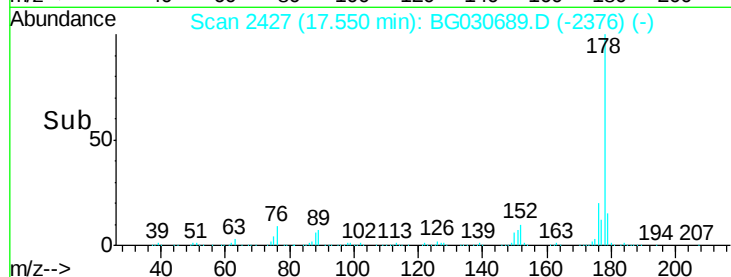
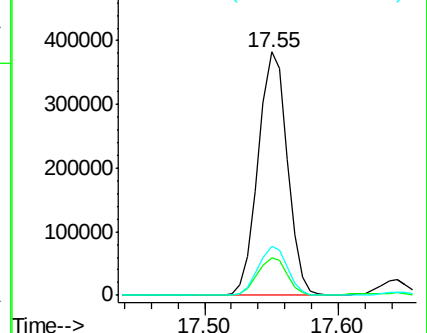
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.506 ng/ul

RT: 17.64 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

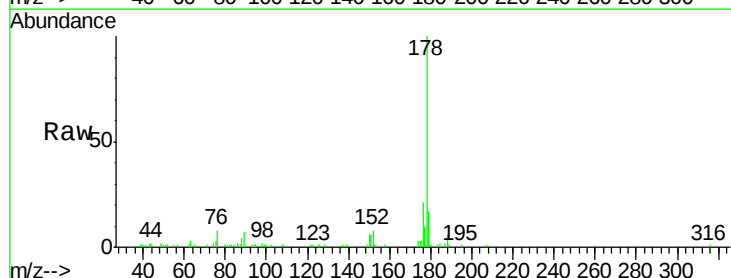
Tgt Ion:178 Resp: 37654

Ion Ratio Lower Upper

178 100

179 17.4 13.2 19.8

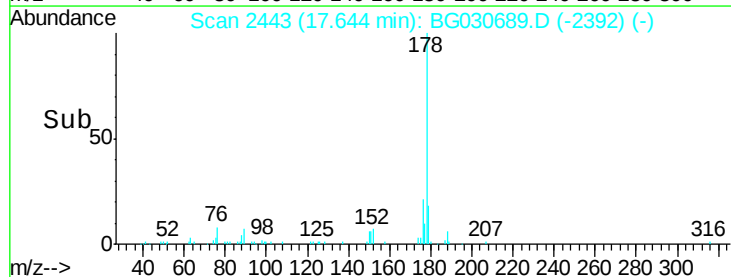
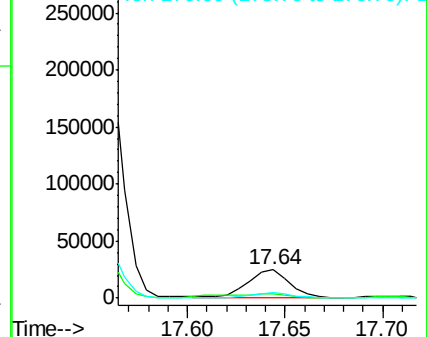
176 21.0 16.0 24.0

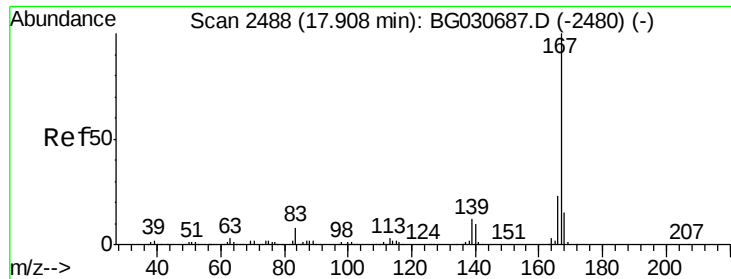


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 3.774 ng/ul

RT: 17.91 min Scan# 2488

Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Instrument :

BNA_G

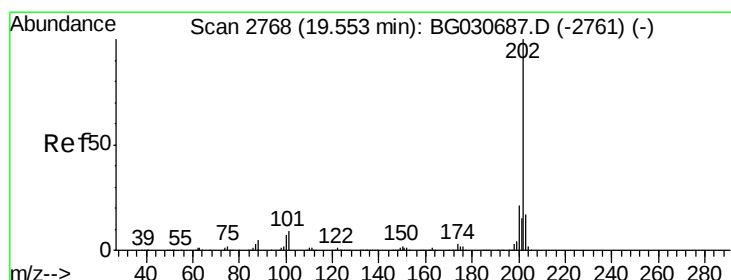
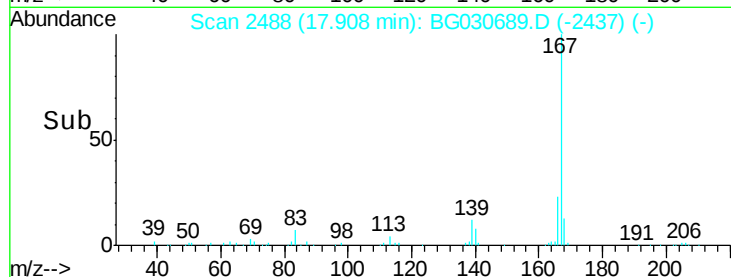
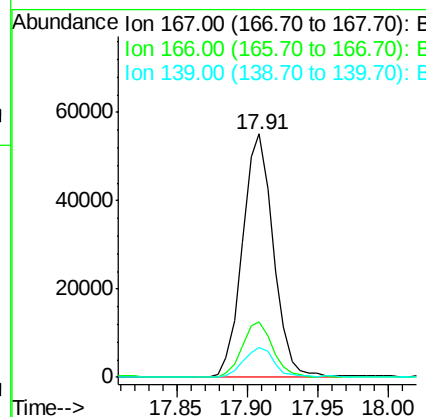
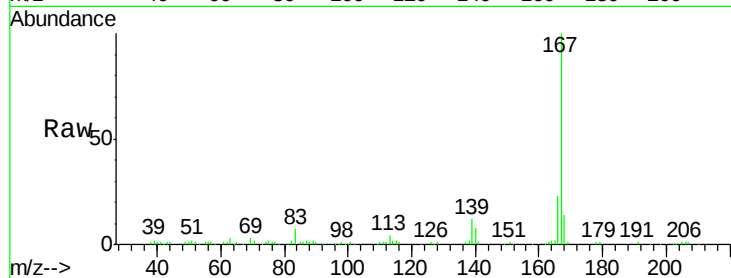
ClientSampleId :

C0AH4

Tgt Ion:	167	Resp:	84814
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.6	28.0
139	12.1	10.6	16.0

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#74

Fluoranthene

Concen: 56.906 ng/ul m

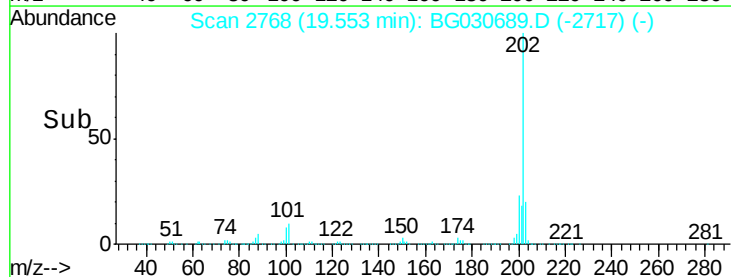
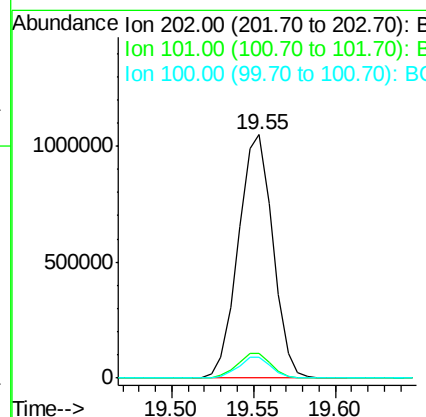
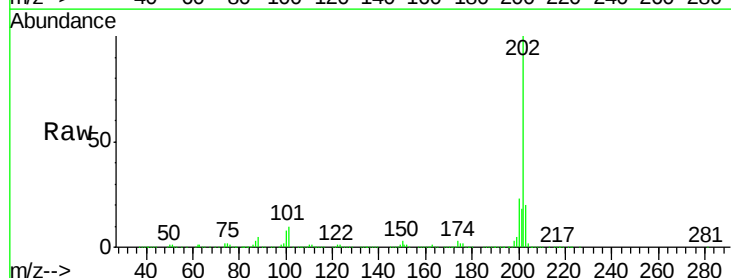
RT: 19.55 min Scan# 2768

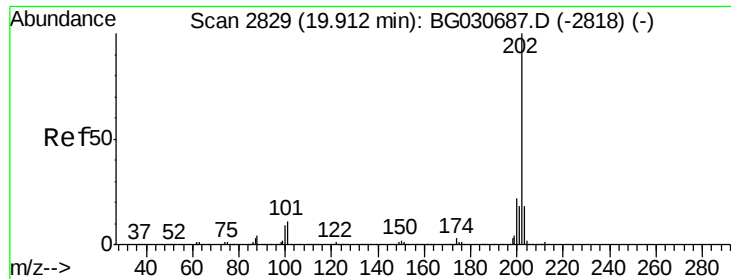
Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Tgt Ion:	202	Resp:	1541035
Ion Ratio	Lower	Upper	
202	100		
101	10.3	7.4	11.2
100	8.5	5.6	8.4#





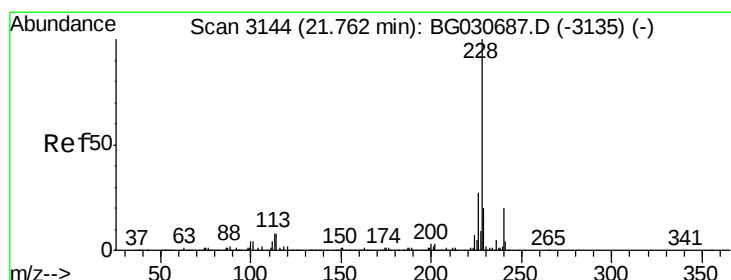
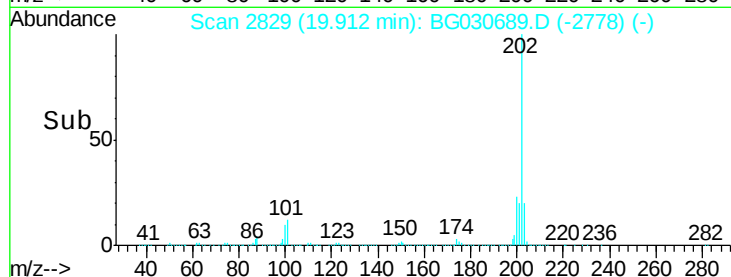
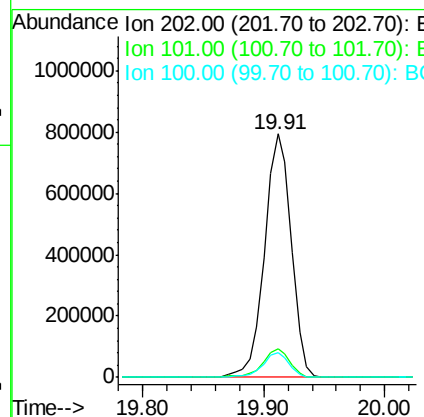
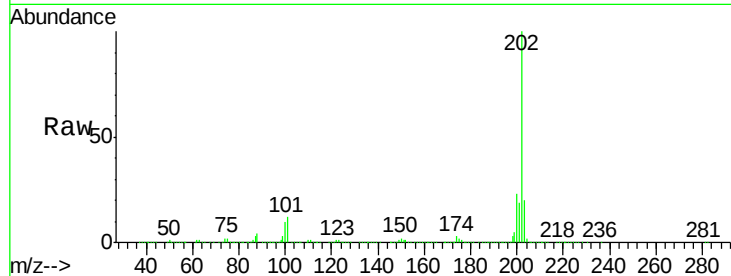
#77
 Pyrene
 Concen: 38.001 ng/ul
 RT: 19.91 min Scan# 2829
 Delta R.T. 0.00 min
 Lab File: BG030689.D
 Acq: 3 Nov 2017 8:03

Instrument :
 BNA_G
 ClientSampled :
 C0AH4

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.9	8.4	12.6
100	10.0	7.0	10.6

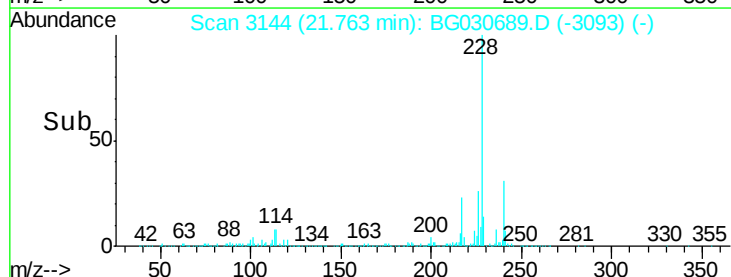
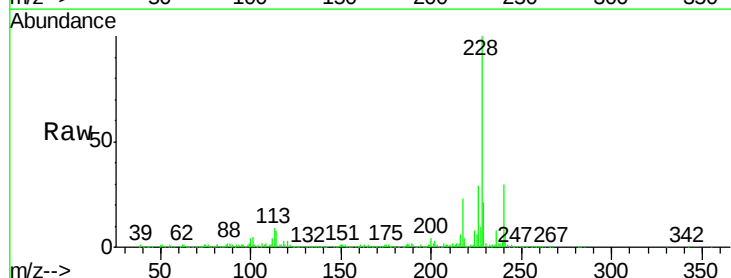
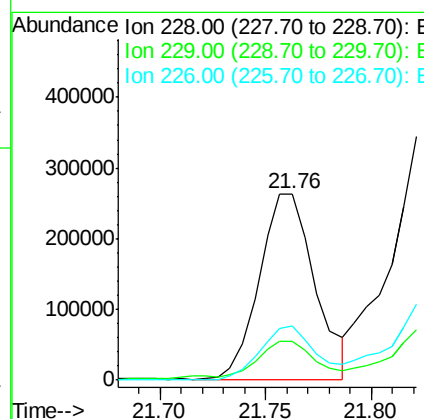
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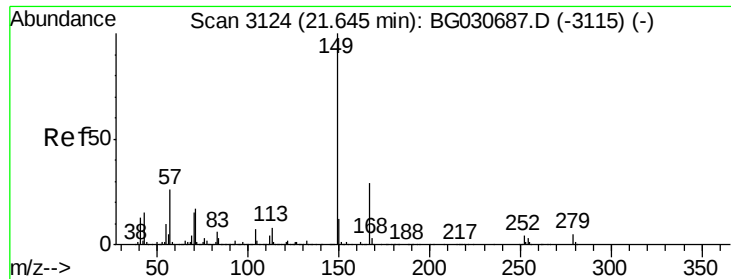
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#80
 Benzo(a)anthracene
 Concen: 16.168 ng/ul
 RT: 21.76 min Scan# 3144
 Delta R.T. 0.00 min
 Lab File: BG030689.D
 Acq: 3 Nov 2017 8:03

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.4
226	28.9	22.2	33.2





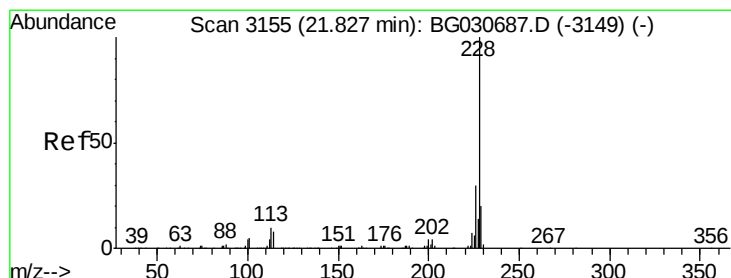
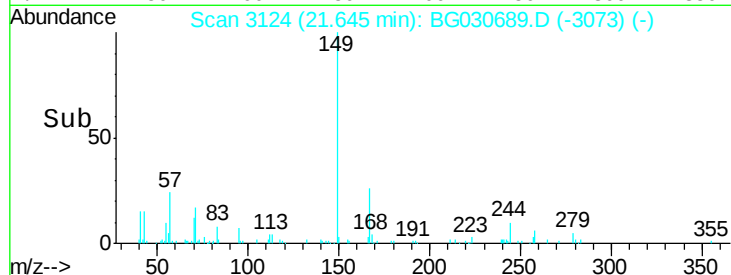
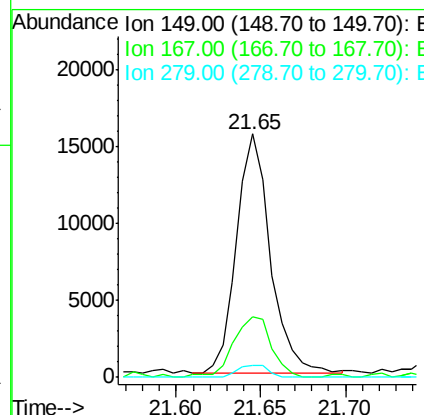
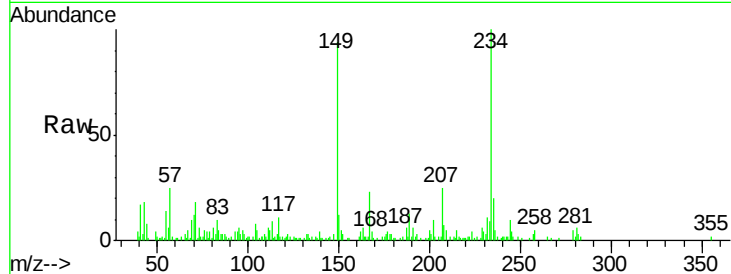
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.155 ng/ul
 RT: 21.65 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: BG030689.D
 Acq: 3 Nov 2017 8:03

Instrument :
 BNA_G
 ClientSampleId :
 C0AH4

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	24.8	23.2	34.8
279	4.9	3.1	4.7#

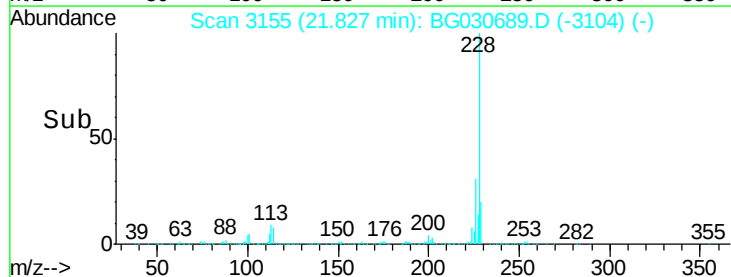
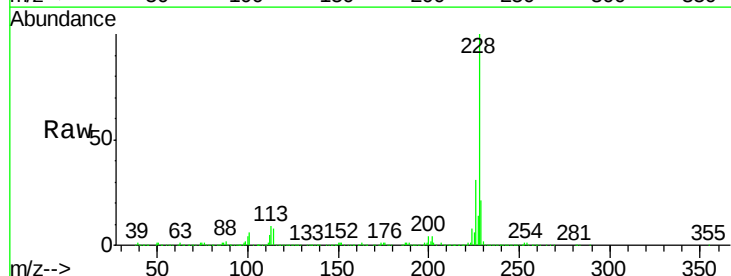
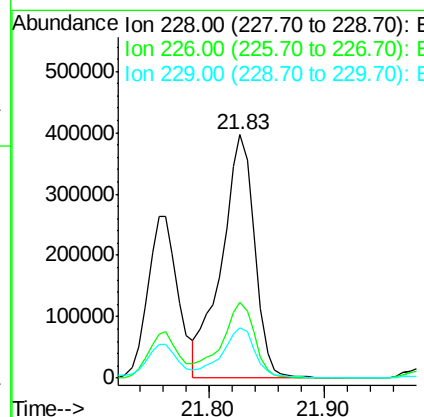
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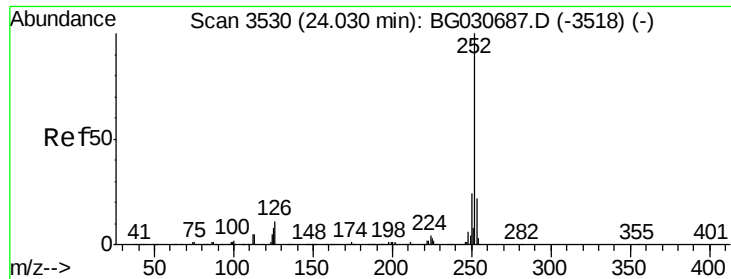
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#82
 Chrysene
 Concen: 28.950 ng/ul
 RT: 21.83 min Scan# 3155
 Delta R.T. 0.00 min
 Lab File: BG030689.D
 Acq: 3 Nov 2017 8:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.1	24.2	36.2
229	20.6	15.2	22.8





#85

Benzo(b)fluoranthene

Concen: 36.995 ng/ul

RT: 24.04 min Scan# 3531

Delta R.T. 0.01 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Instrument :

BNA_G

ClientSampled :

C0AH4

Tgt Ion:252 Resp: 1084553

Ion Ratio Lower Upper

252 100

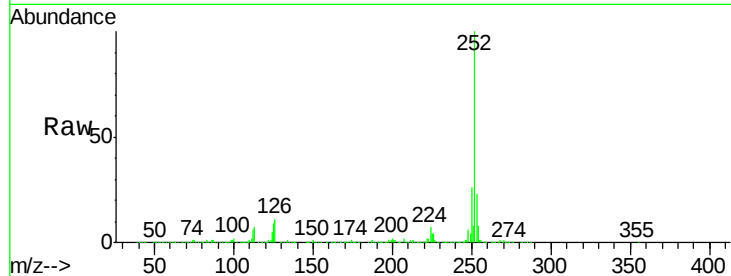
253 22.9 17.0 25.4

125 9.5 7.5 11.3

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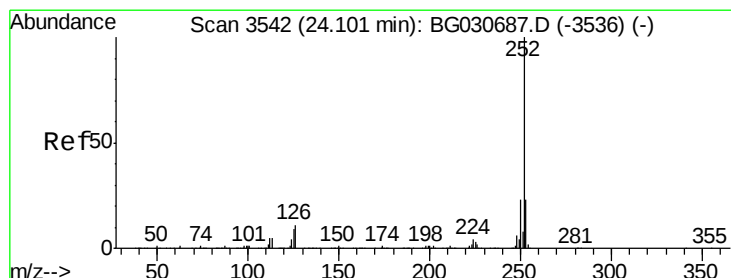
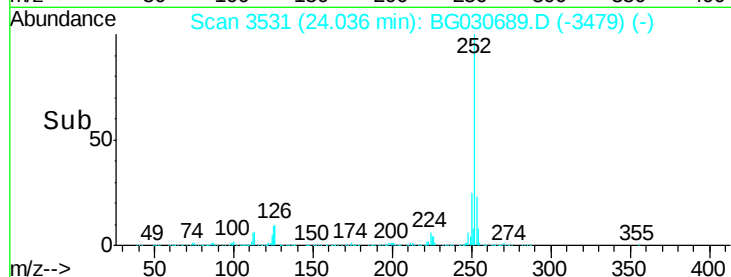
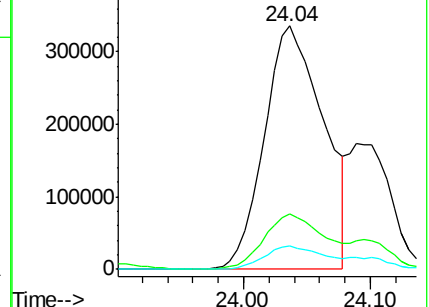
11/3/2017 10:52:29 AM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 12.216 ng/ul

RT: 24.09 min Scan# 3540

Delta R.T. -0.01 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

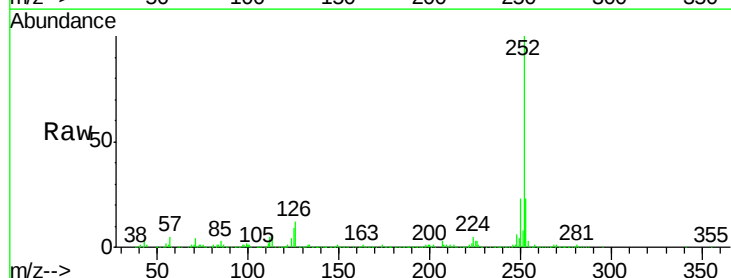
Tgt Ion:252 Resp: 346253

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

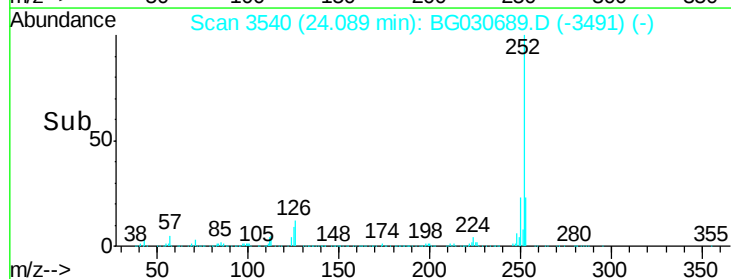
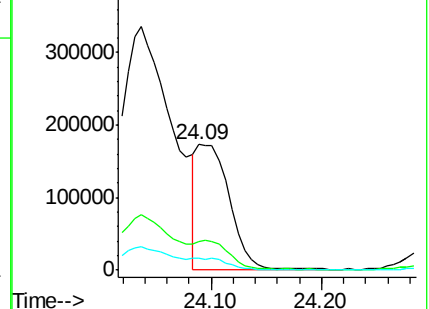
125 9.2 7.8 11.8

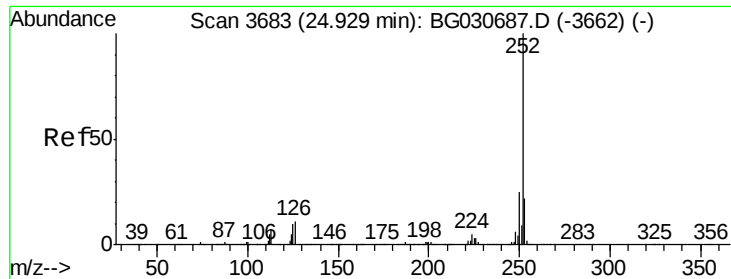


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





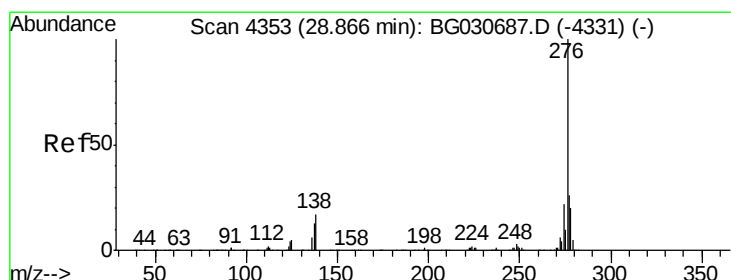
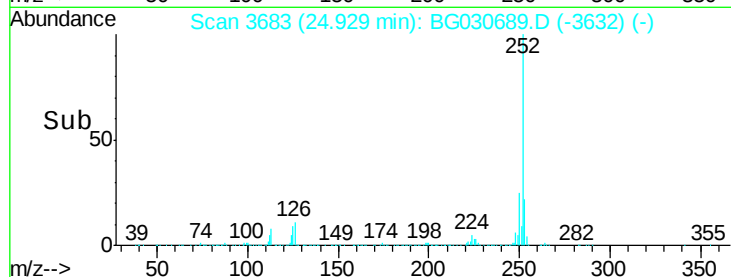
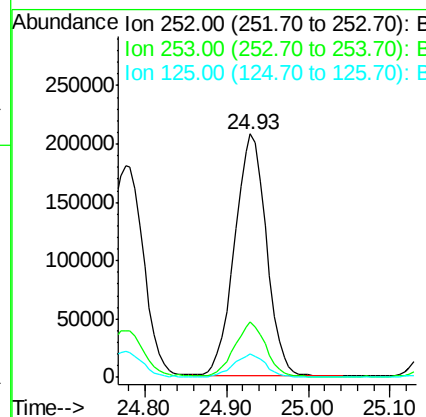
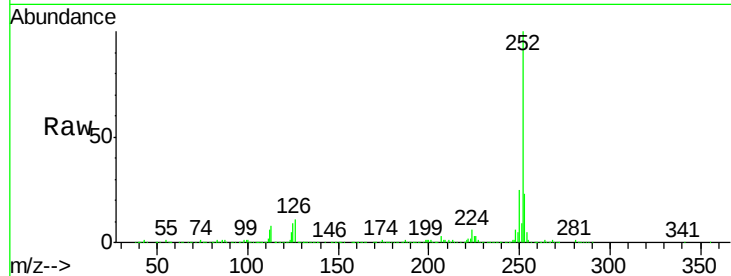
#88
Benzo(a)pyrene
Concen: 19.746 ng/ul
RT: 24.93 min Scan# 3683
Delta R.T. 0.00 min
Lab File: BG030689.D
Acq: 3 Nov 2017 8:03

Instrument :
BNA_G
ClientSampled :
C0AH4

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.1	25.7
125	9.5	7.8	11.8

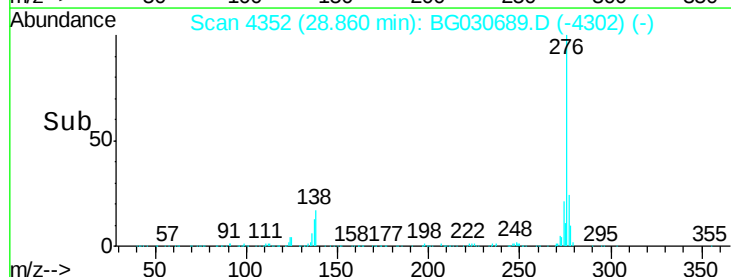
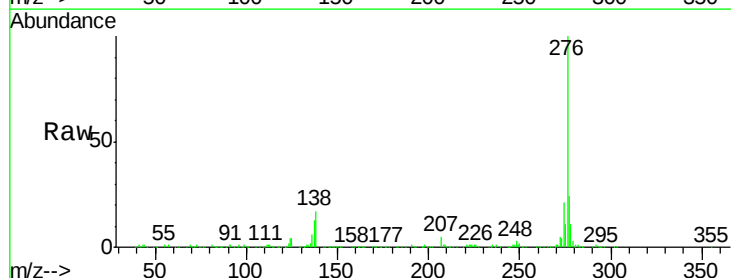
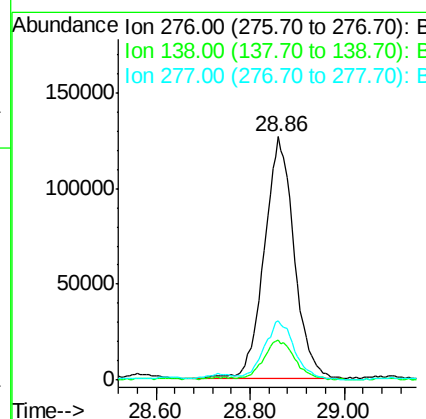
Manual Integrations
APPROVED

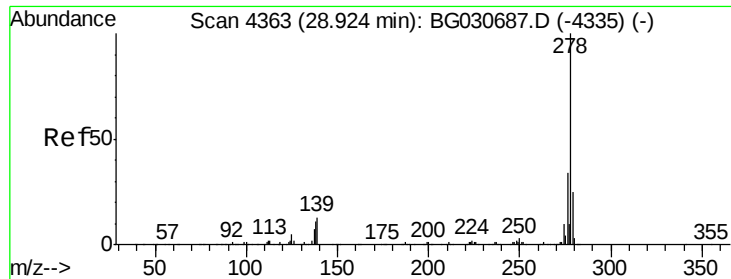
Sohil
11/3/2017 10:52:29 AM



#89
Indeno(1,2,3-cd)pyrene
Concen: 17.325 ng/ul
RT: 28.86 min Scan# 4352
Delta R.T. -0.01 min
Lab File: BG030689.D
Acq: 3 Nov 2017 8:03

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.4	20.0
277	24.3	18.6	28.0





#90

Dibenzo(a,h)anthracene

Concen: 4.561 ng/ul m

RT: 28.89 min Scan# 4357

Delta R.T. -0.04 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Instrument :

BNA_G

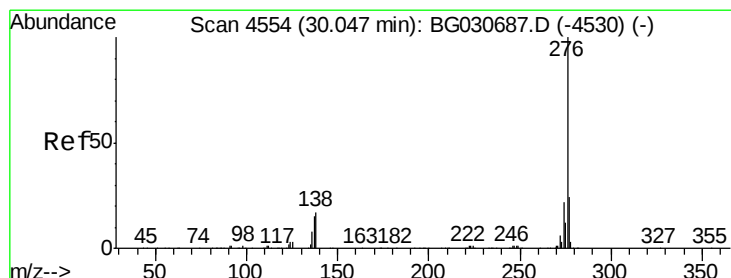
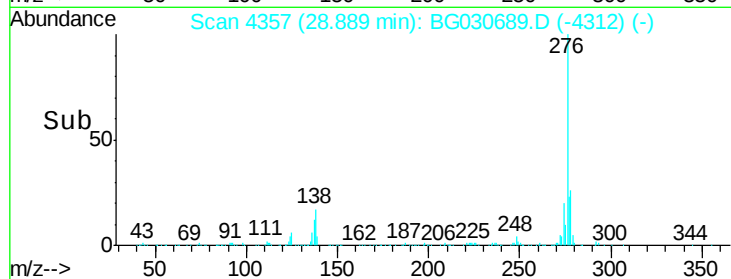
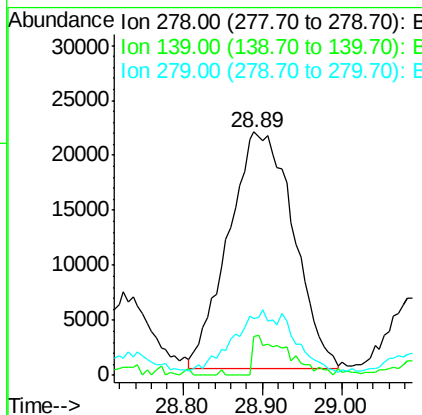
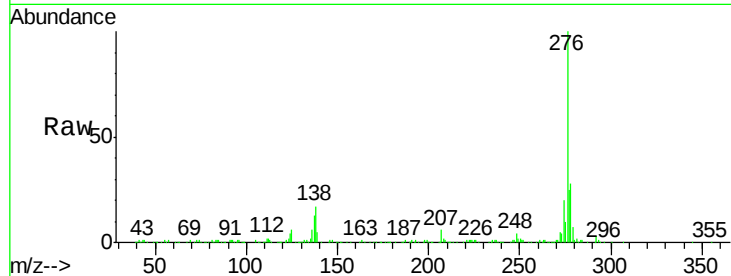
ClientSampled :

C0AH4

Tgt Ion:	278	Resp:	122322
Ion Ratio	Lower	Upper	
278	100		
139	16.1	9.4	14.2#
279	23.5	18.4	27.6

Manual Integrations
APPROVED

Sohil
11/3/2017 10:52:29 AM



#91

Benzo(g,h,i)perylene

Concen: 17.650 ng/ul

RT: 30.05 min Scan# 4554

Delta R.T. 0.00 min

Lab File: BG030689.D

Acq: 3 Nov 2017 8:03

Tgt Ion:	276	Resp:	472340
Ion Ratio	Lower	Upper	
276	100		
138	18.7	12.1	18.1#
277	25.5	17.7	26.5

