

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
 Data File : BG022861.D
 Acq On : 5 Jul 2016 22:06
 Operator : UM/SJ
 Sample : H3811-16
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A4TW4

Quant Time: Jul 06 11:48:50 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 06 03:22:12 2016
 Response via : Initial Calibration

Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	173242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	785522	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	563019	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1184686	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1248315	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1293662	20.00	ng/ul	0.01

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System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	2691m	0.87	ng/uL	0.00
5) Phenol-d5	7.30	99	209128	11.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	125364	12.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	138547	11.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	174720	12.34	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	81283	12.98	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	92375	12.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192853	12.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	657	0.05	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	655871	14.34	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	720126	13.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	111444	15.52	ng/ul	0.00
57) Fluorene-d10	15.79	176	611162	14.10	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	89588	11.76	ng/ul	0.00
70) Anthracene-d10	17.65	188	914395	16.61	ng/ul	0.00
76) Pyrene-d10	19.93	212	1210323	20.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1158340	18.85	ng/ul	0.01

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Target Compounds

						Ovalue
44) Dimethylphthalate	14.24	163	191676	4.10	ng/ul#	96
69) Phenanthrene	17.59	178	114528	1.89	ng/ul	98
74) Fluoranthene	19.60	202	302082	4.79	ng/ul#	86
77) Pyrene	19.96	202	361314	5.17	ng/ul#	81
80) Benzo(a)anthracene	21.83	228	170245	2.33	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	208802m	5.97	ng/ul	
82) Chrysene	21.90	228	225243m	3.38	ng/ul	
85) Benzo(b)fluoranthene	24.14	252	242098m	2.99	ng/ul	
86) Benzo(k)fluoranthene	24.22	252	105002m	1.38	ng/ul	
88) Benzo(a)pyrene	25.07	252	181724m	2.37	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.07	276	128952m	1.59	ng/ul	
91) Benzo(g,h,i)perylene	30.28	276	116015m	1.82	ng/ul	

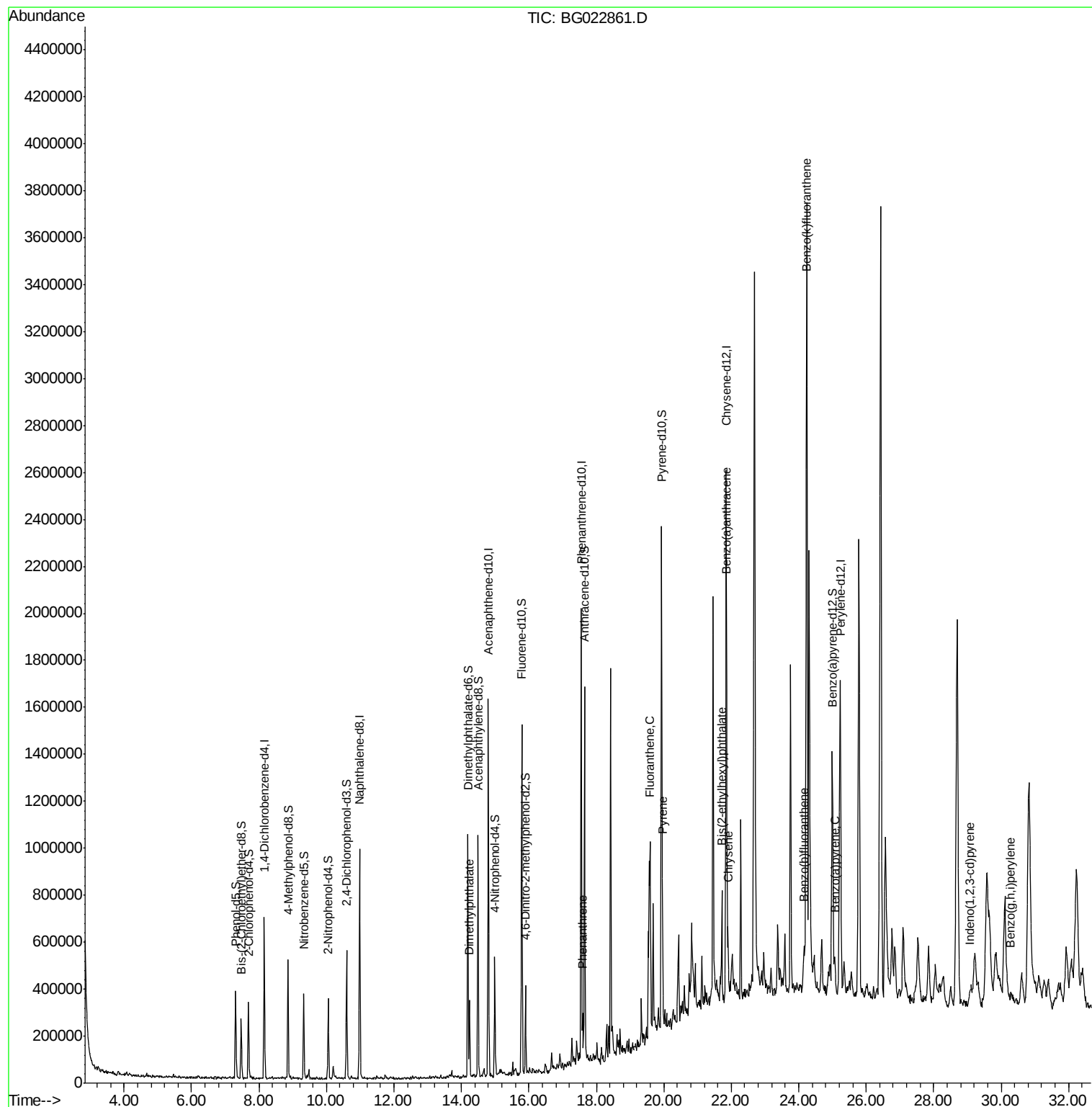
(#) = qualifier out of range (m) = manual integration (+) = signals summed

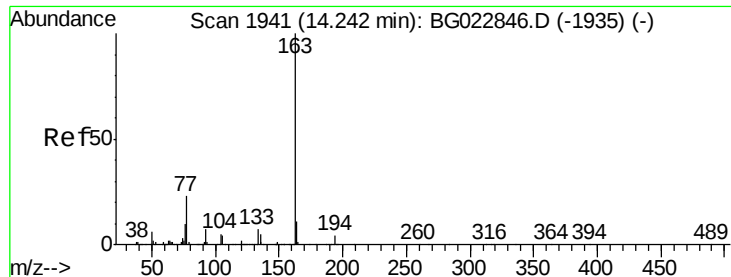
Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022861.D
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

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#44

Dimethylphthalate

Concen: 4.10 ng/ul

RT: 14.24 min Scan# 1940

Delta R.T. -0.00 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Instrument :

BNA_G

ClientSampleId :

A4TW4

Tot Ion:163 Resp: 191676

Ion Ratio Lower Upper

163 100

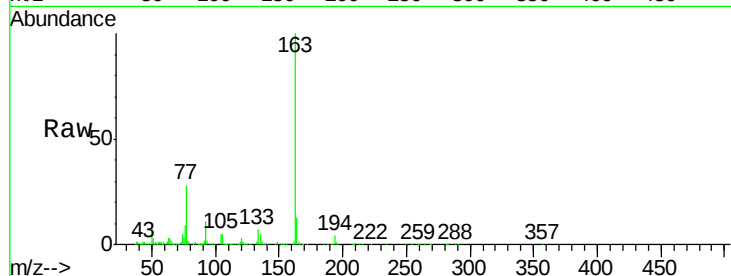
194 4.5 3.4 5.2

164 13.3 8.8 13.2#

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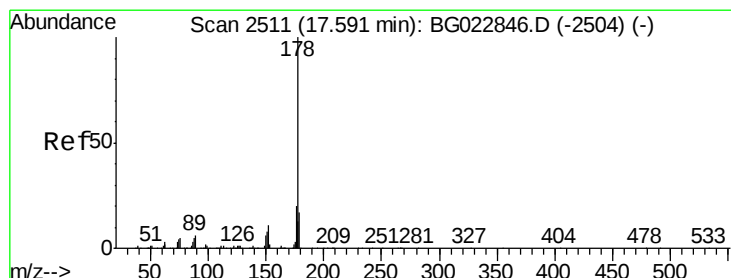
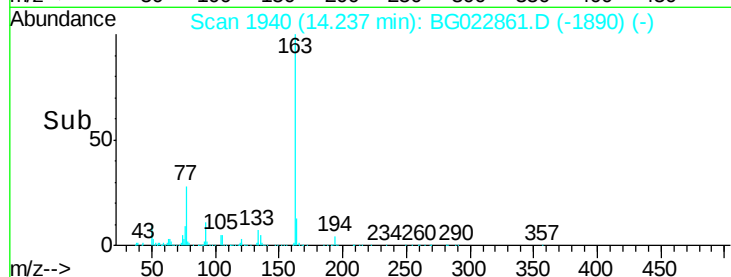
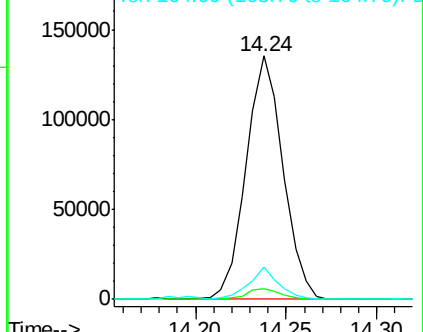
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.89 ng/ul

RT: 17.59 min Scan# 2511

Delta R.T. 0.00 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

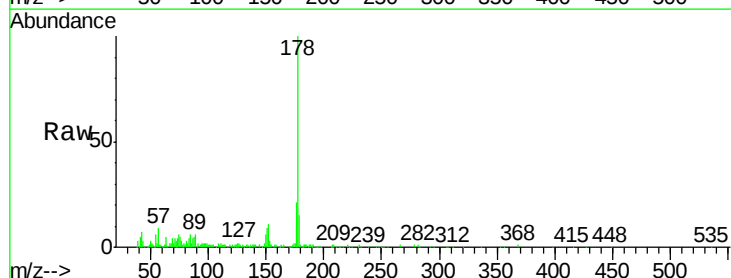
Tgt Ion:178 Resp: 114528

Ion Ratio Lower Upper

178 100

179 15.0 12.9 19.3

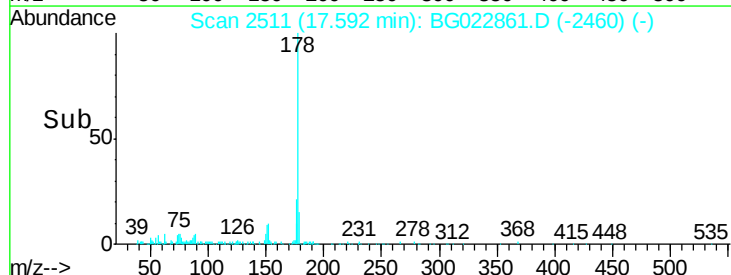
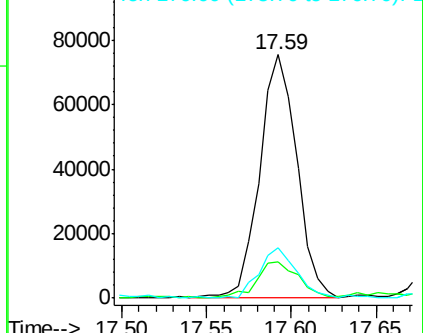
176 20.8 15.8 23.8

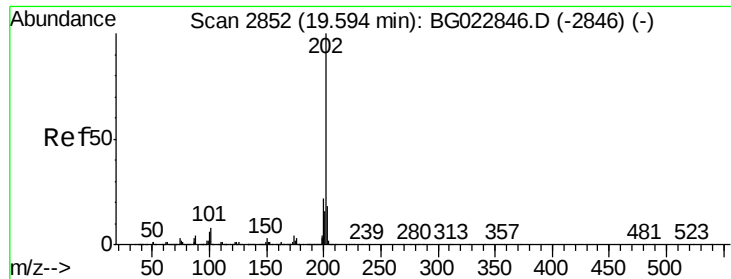


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 4.79 ng/ul

RT: 19.60 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Instrument :

BNA_G

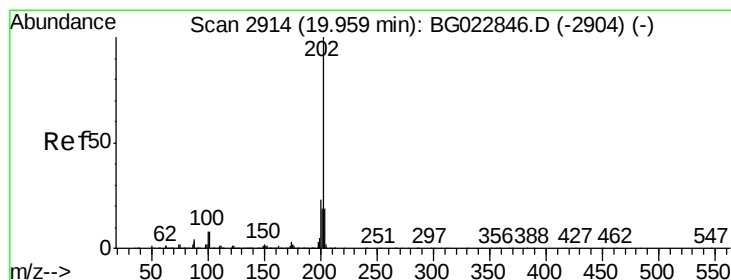
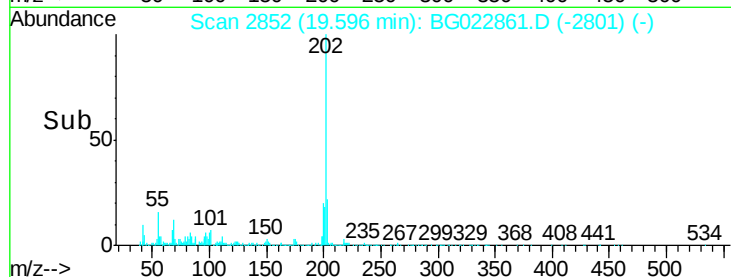
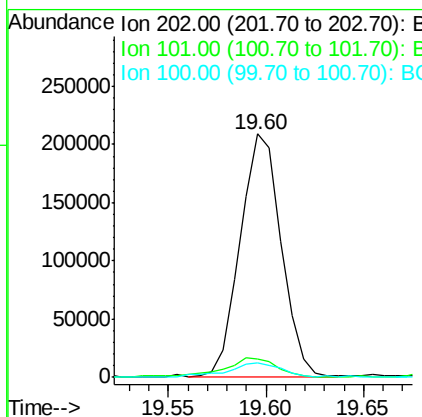
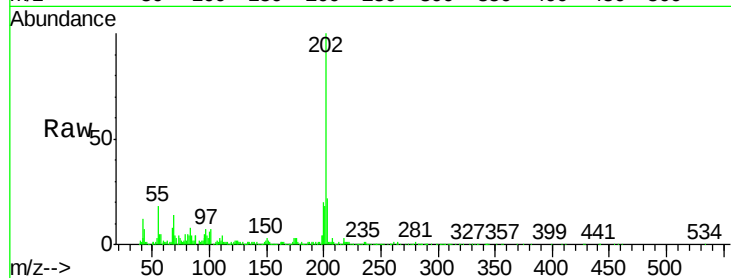
ClientSampleId :

A4TW4

Tot Ion:	202	Resp:	302082
Ion Ratio	Lower	Upper	
202	100		
101	7.4	10.6	16.0#
100	5.9	8.7	13.1#

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#77

Pyrene

Concen: 5.17 ng/ul

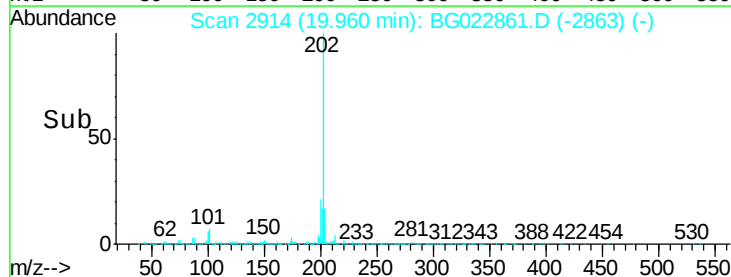
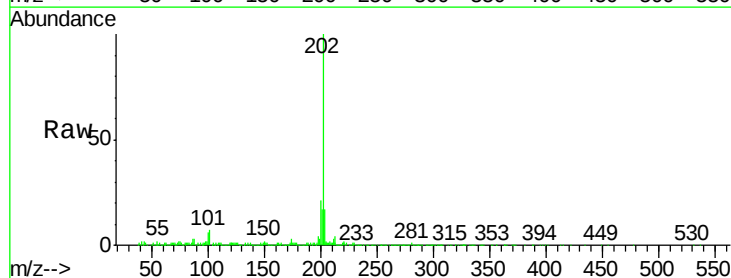
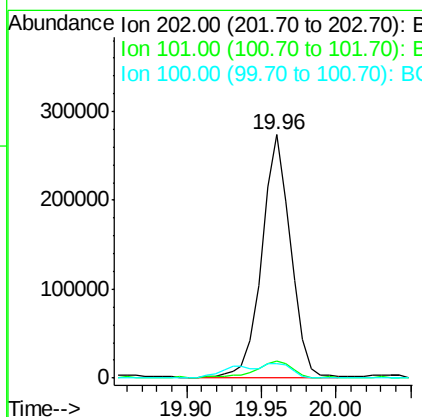
RT: 19.96 min Scan# 2914

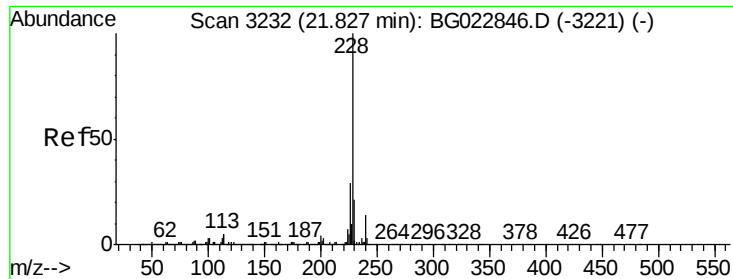
Delta R.T. 0.00 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Tgt Ion:	202	Resp:	361314
Ion Ratio	Lower	Upper	
202	100		
101	7.2	12.5	18.7#
100	6.1	10.2	15.4#





#80

Benzo(a)anthracene

Concen: 2.33 ng/ul

RT: 21.83 min Scan# 3233

Delta R.T. 0.01 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Instrument :

BNA_G

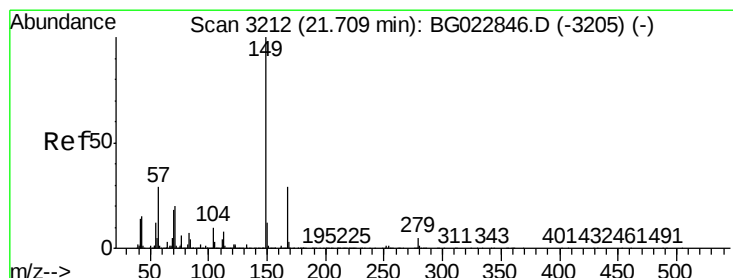
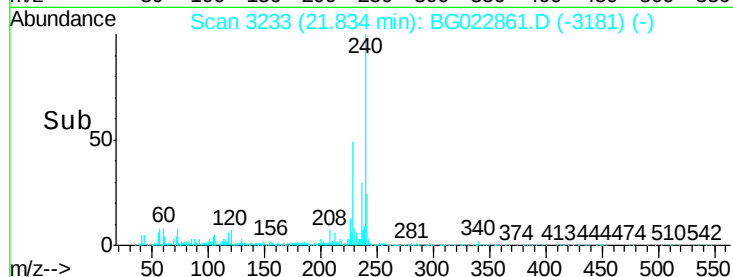
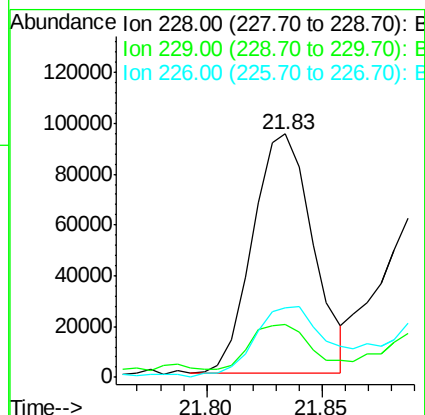
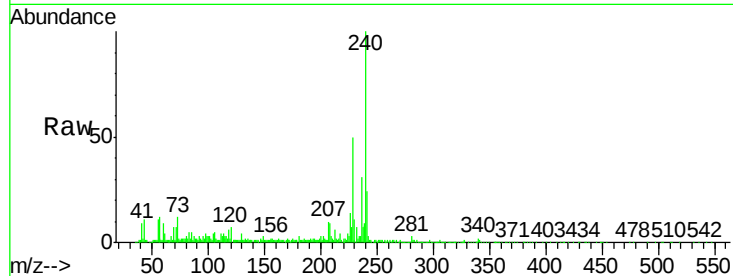
ClientSampleId :

A4TW4

Tot Ion:	228	Resp:	170245
Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.4	23.2
226	28.6	22.8	34.2

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#81

Bis(2-ethylhexyl)phthalate

Concen: 5.97 ng/ul m

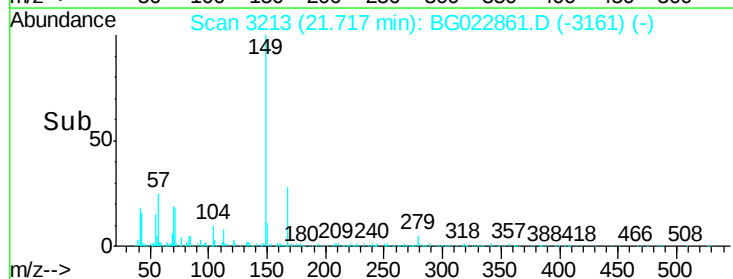
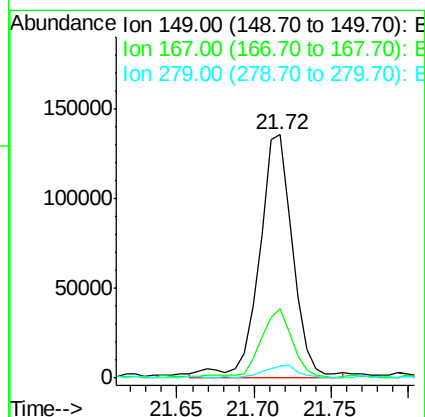
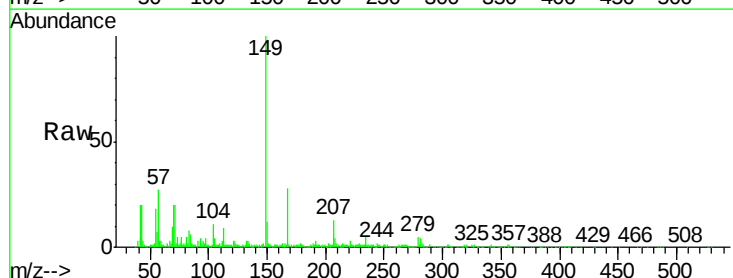
RT: 21.72 min Scan# 3213

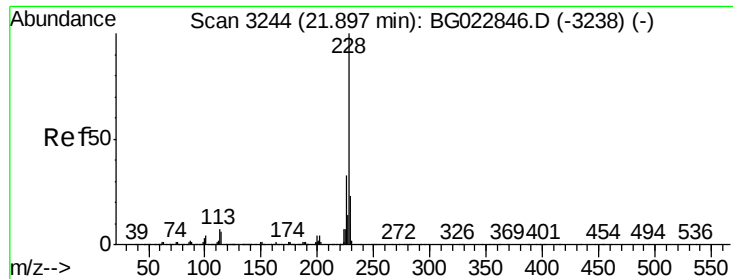
Delta R.T. 0.01 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Tgt Ion:	149	Resp:	208802
Ion	Ratio	Lower	Upper
149	100		
167	28.4	21.9	32.9
279	4.9	2.9	4.3#



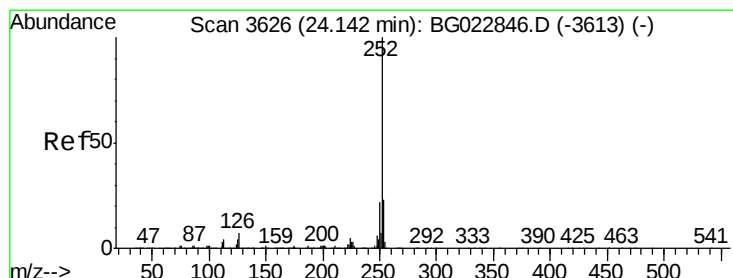
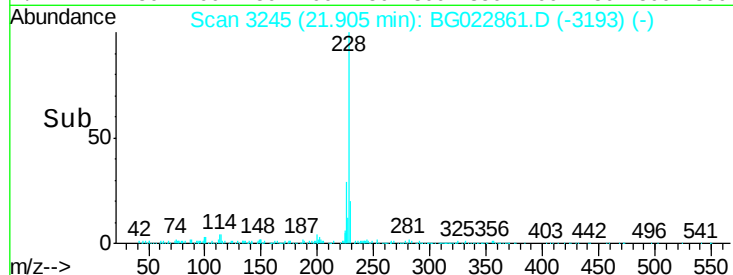
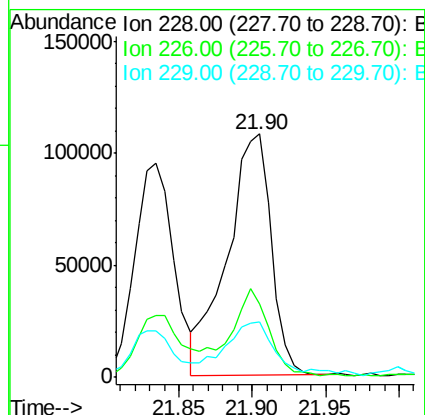
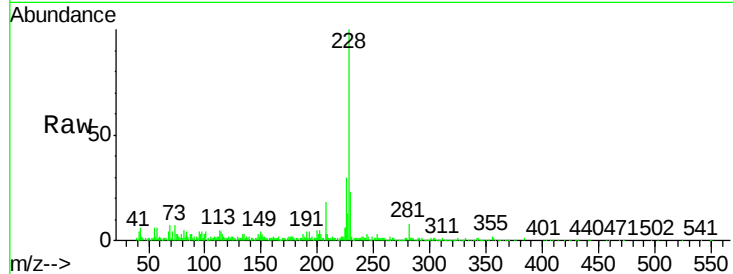


#82
Chrysene
Concen: 3.38 ng/ul m
RT: 21.90 min Scan# 3245
Delta R.T. 0.01 min
Lab File: BG022861.D
Acq: 5 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
A4TW4

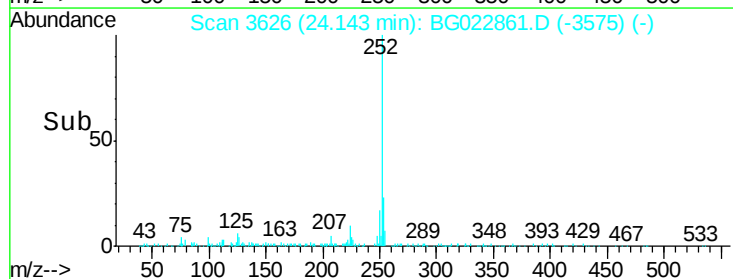
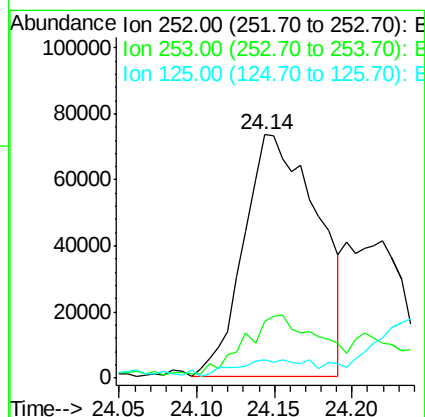
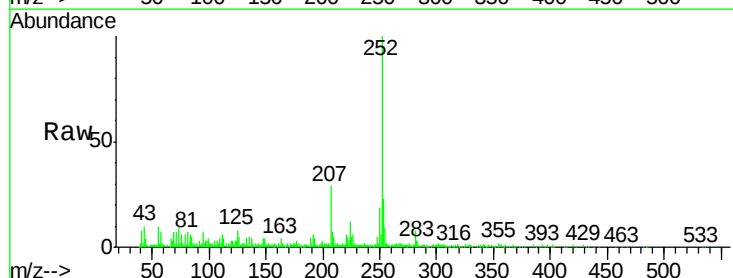
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	22.9	15.0	22.6

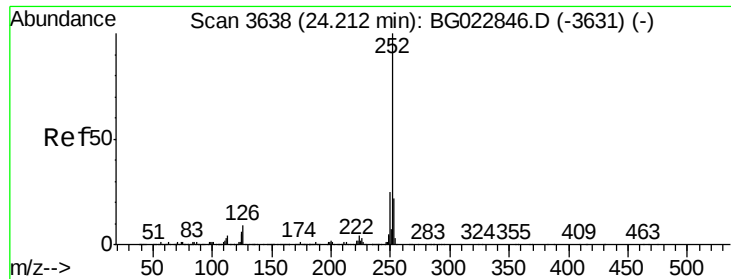
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#85
Benzo(b)fluoranthene
Concen: 2.99 ng/ul m
RT: 24.14 min Scan# 3626
Delta R.T. 0.00 min
Lab File: BG022861.D
Acq: 5 Jul 2016 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.2	27.2
125	7.6	10.8	16.2





#86

Benzo(k)fluoranthene

Concen: 1.38 ng/ul m

RT: 24.22 min Scan# 3639

Delta R.T. 0.01 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Instrument :

BNA_G

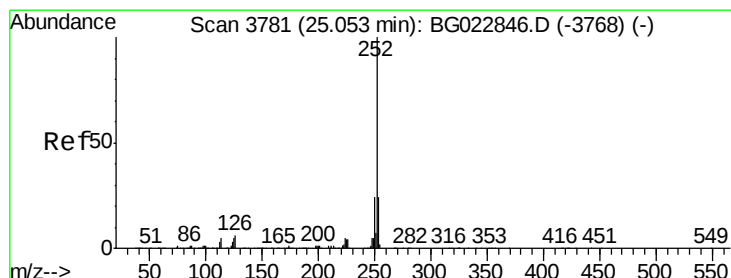
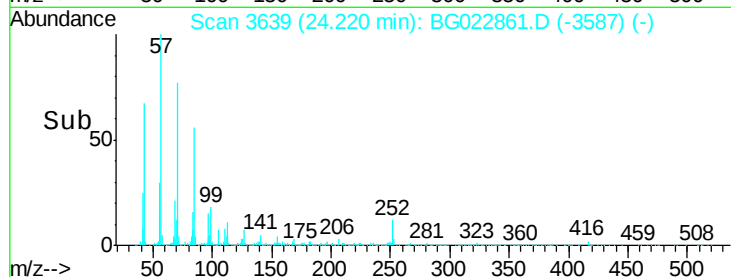
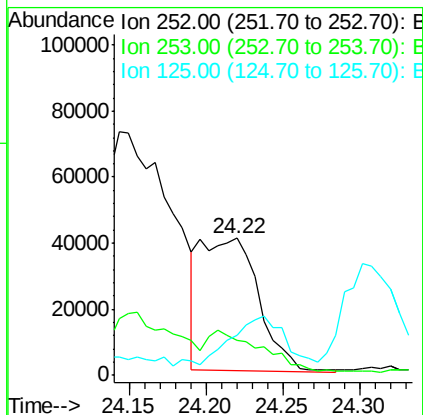
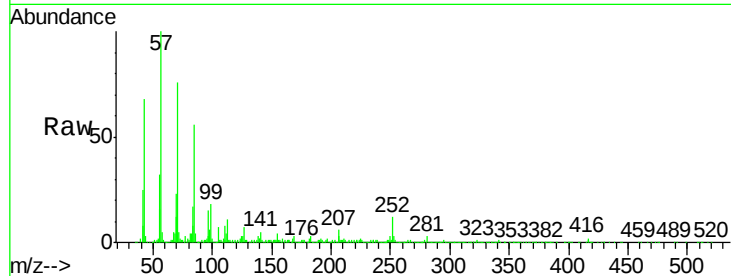
ClientSampled :

A4TW4

Tot Ion:	252	Resp:	105002
Ion Ratio	Lower	Upper	
252	100		
253	26.0	15.8	23.6#
125	29.2	10.6	16.0#

Manual Integrations

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#88

Benzo(a)pyrene

Concen: 2.37 ng/ul m

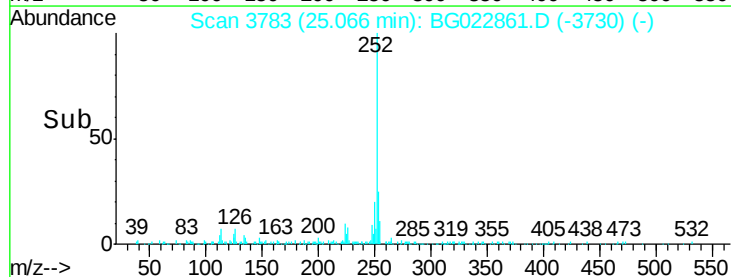
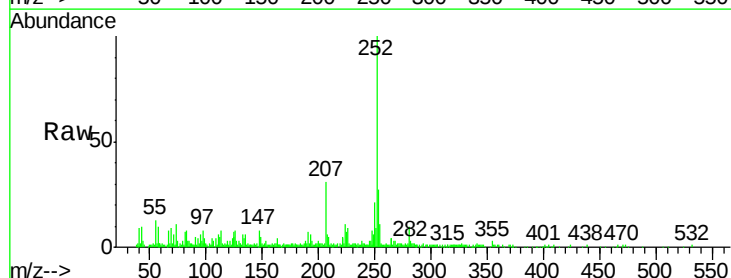
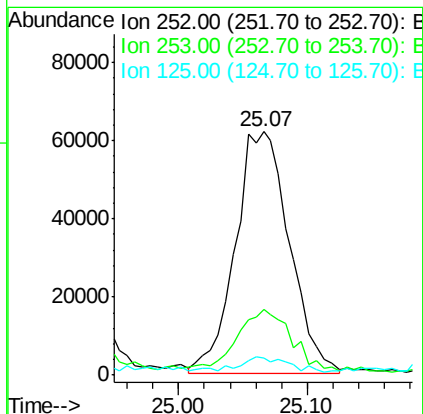
RT: 25.07 min Scan# 3783

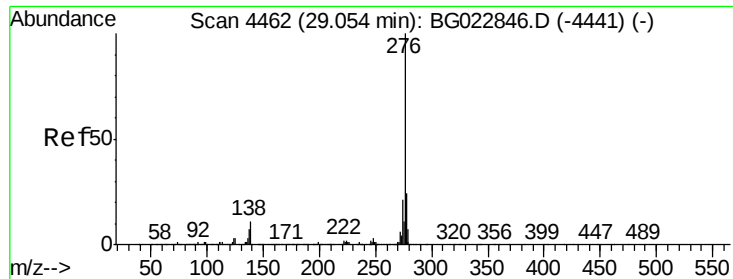
Delta R.T. 0.01 min

Lab File: BG022861.D

Acq: 5 Jul 2016 22:06

Tgt Ion:	252	Resp:	181724
Ion Ratio	Lower	Upper	
252	100		
253	27.0	19.0	28.4
125	6.9	12.0	18.0#



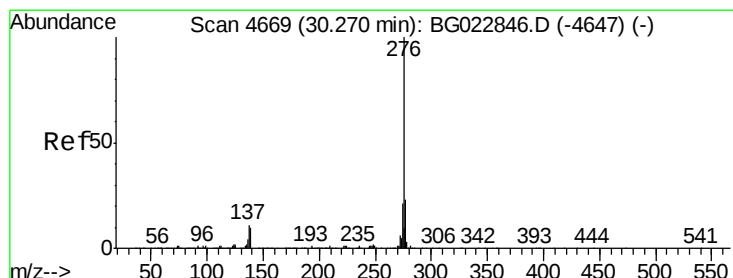
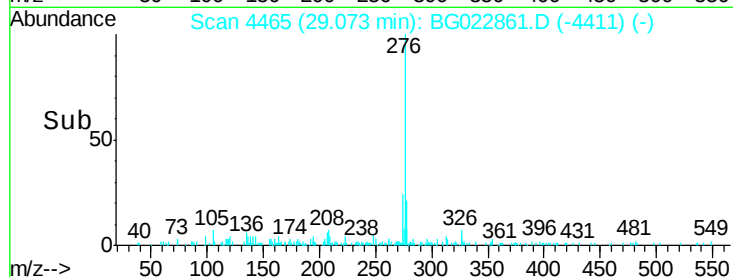
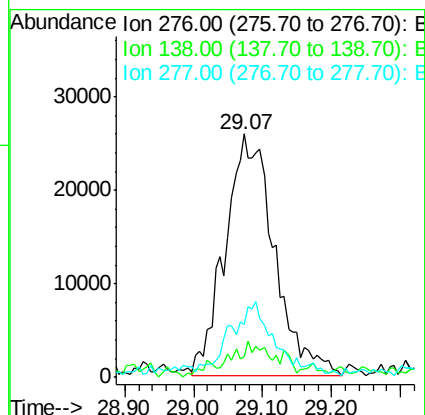
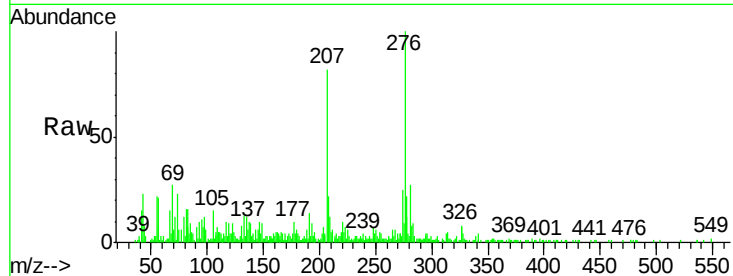


#89
Indeno(1,2,3-cd)pyrene
Concen: 1.59 ng/ul m
RT: 29.07 min Scan# 4465
Delta R.T. 0.02 min
Lab File: BG022861.D
Acq: 5 Jul 2016 22:06

Instrument :
BNA_G
ClientSampleId :
A4TW4

Tot Ion:276 Resp: 128952
Ion Ratio Lower Upper
276 100
138 8.7 20.8 31.2#
277 21.5 17.6 26.4

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#91
Benzo(g,h,i)perylene
Concen: 1.82 ng/ul m
RT: 30.28 min Scan# 4671
Delta R.T. 0.01 min
Lab File: BG022861.D
Acq: 5 Jul 2016 22:06

Tgt Ion:276 Resp: 116015
Ion Ratio Lower Upper
276 100
138 13.4 22.1 33.1#
277 22.9 17.0 25.4

