

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
 Data File : BG031138.D
 Acq On : 20 Nov 2017 19:45
 Operator : SJ/JU
 Sample : I6475-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G36

Manual Integrations
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Quant Time: Nov 21 06:59:05 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 21 05:01:30 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	65204	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	306820	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	207373	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	488834	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	508380	20.00	ng/ul	-0.01
23) Perylene-d12	25.07	264	513530	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	114314	19.75	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	518550	24.04	ng/ul	0.00
10) Fluorene-d10	15.74	176	387600	22.38	ng/ul	0.00
15) Anthracene-d10	17.59	188	597754	24.43	ng/ul	0.00
19) Pyrene-d10	19.87	212	697923	30.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	666057	26.22	ng/ul	-0.04
Target Compounds						
					Qvalue	
8) Acenaphthylene	14.49	152	22814	1.208	ng/ul	99
14) Phenanthrene	17.54	178	241262	9.196	ng/ul	98
17) Fluoranthene	19.54	202	320950	8.791	ng/ul#	88
20) Pyrene	19.90	202	358962	13.304	ng/ul#	87
21) Benzo(a)anthracene	21.75	228	154209	4.979	ng/ul	97
22) Chrysene	21.82	228	176909	6.005	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	162643	5.242	ng/ul#	95
25) Benzo(k)fluoranthene	24.08	252	54331m	1.778	ng/ul	
27) Benzo(a)pyrene	24.91	252	130801m	4.398	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	73256	2.161	ng/ul#	88
30) Benzo(g,h,i)perylene	30.04	276	63741m	2.258	ng/ul	

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

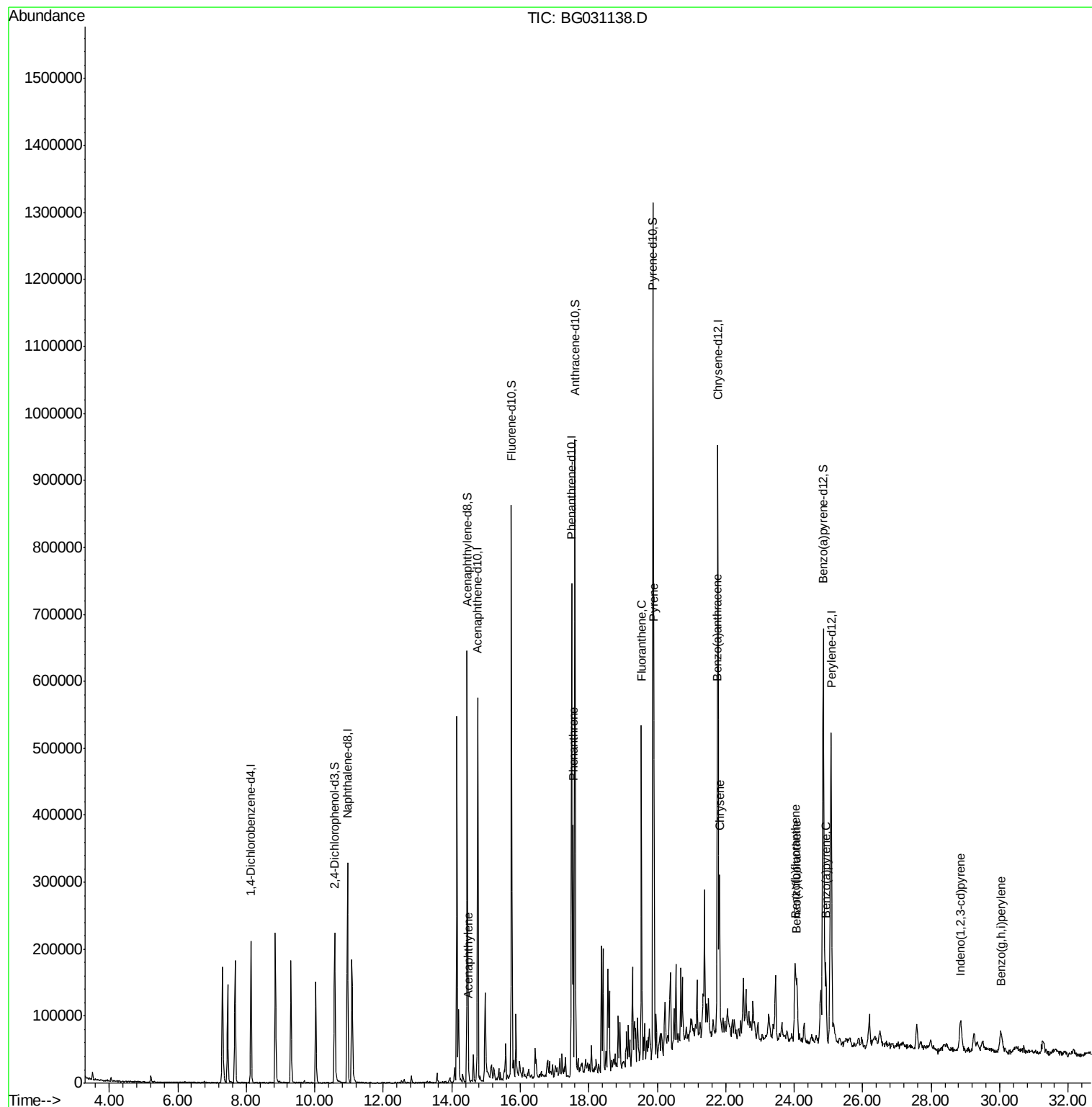
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112017\
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Sample : I6475-10
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ALS Vial : 14 Sample Multiplier: 1

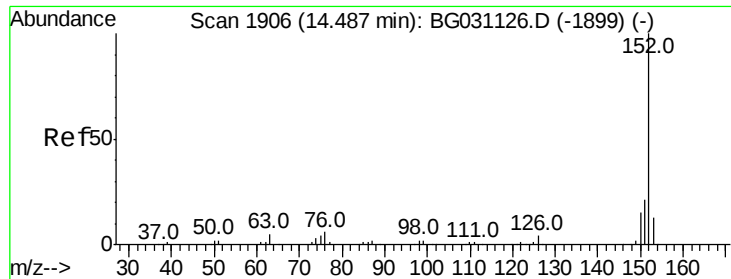
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
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QLast Update : Tue Nov 21 05:01:30 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.208 ng/ul

RT: 14.49 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

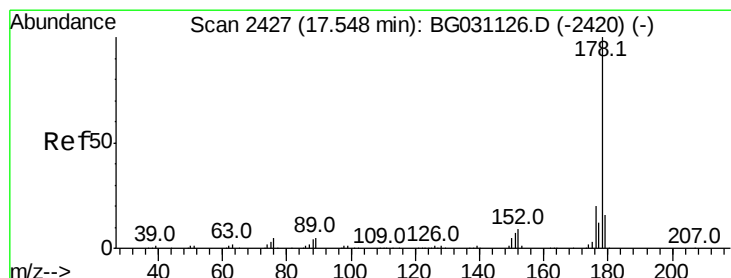
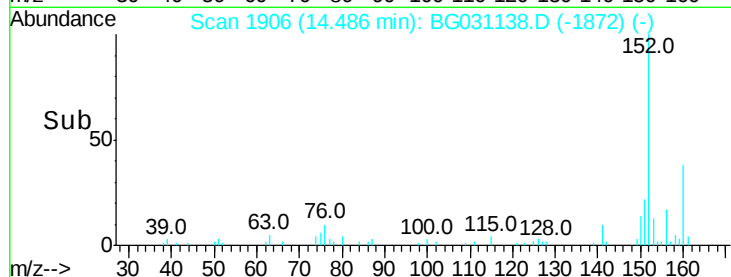
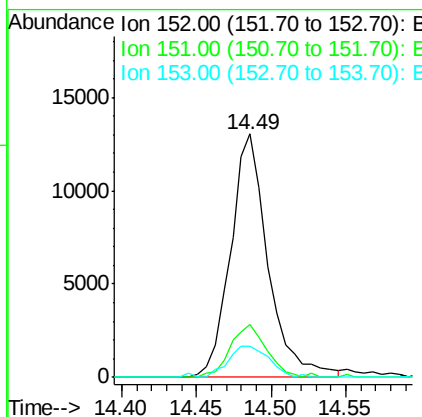
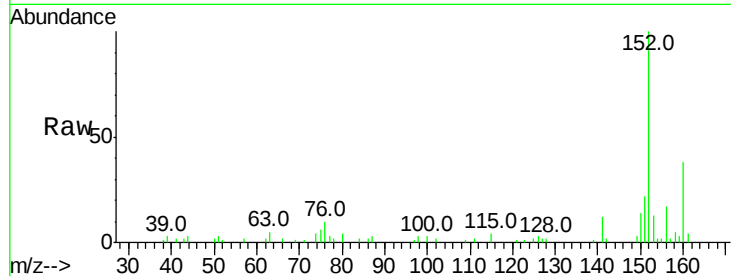
ClientSampleId :

B0G36

Tot Ion:	152	Resp:	22814
Ion Ratio	Lower	Upper	
152	100		
151	21.8	17.5	26.3
153	12.8	10.6	16.0

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#14

Phenanthrene

Concen: 9.196 ng/ul

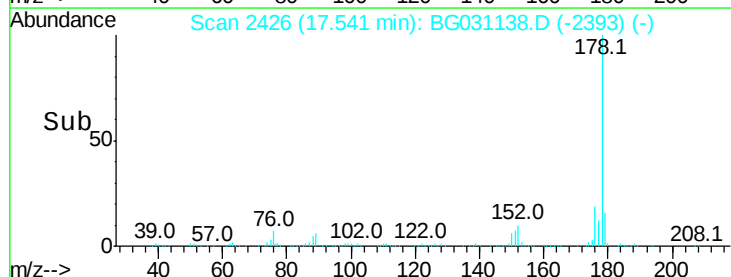
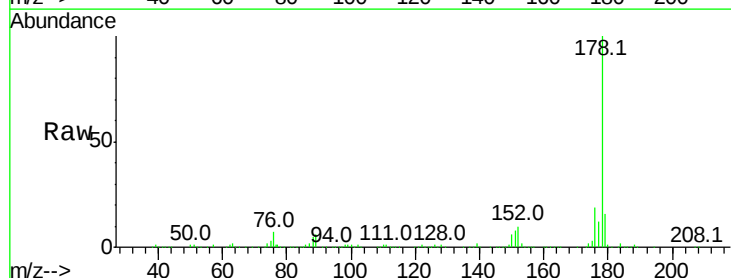
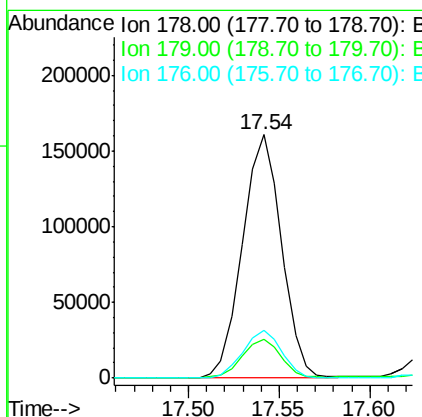
RT: 17.54 min Scan# 2426

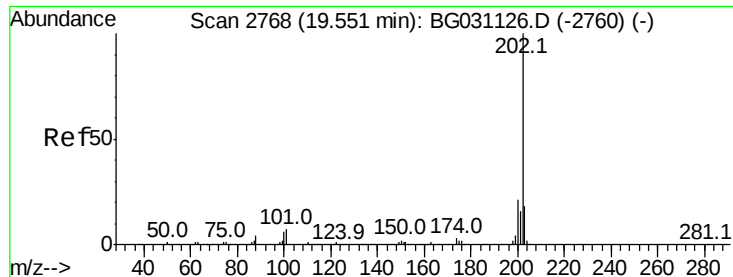
Delta R.T. -0.01 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Tgt Ion:	178	Resp:	241262
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.2	18.4
176	19.5	16.4	24.6





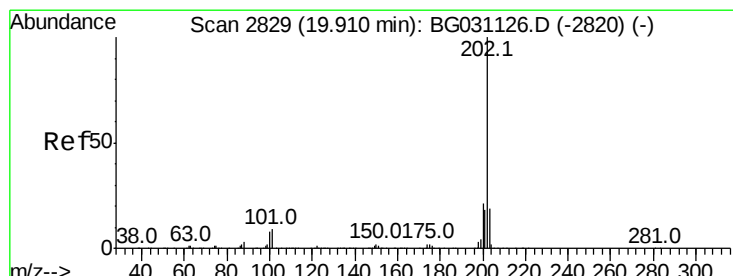
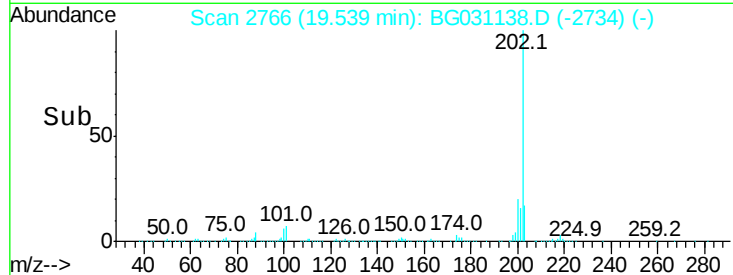
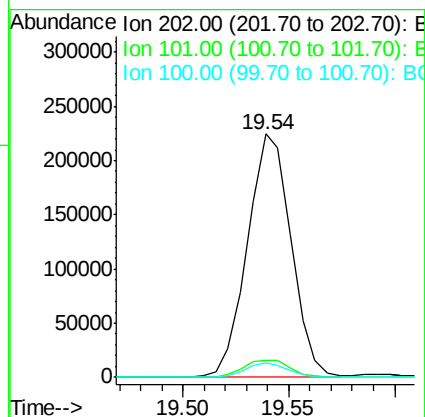
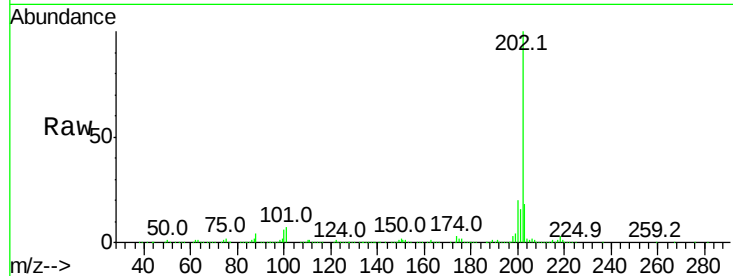
#17
Fluoranthene
 Concen: 8.791 ng/ul
 RT: 19.54 min Scan# 2766
 Delta R.T. -0.01 min
 Lab File: BG031138.D
 Acq: 20 Nov 2017 19:45

Instrument :
 BNA_G
 ClientSampleId :
 B0G36

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.1	9.8	14.8#
100	6.1	7.5	11.3#

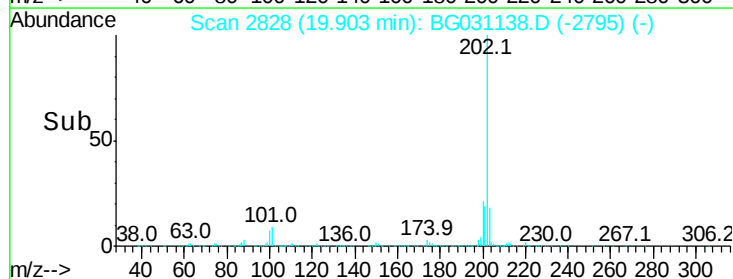
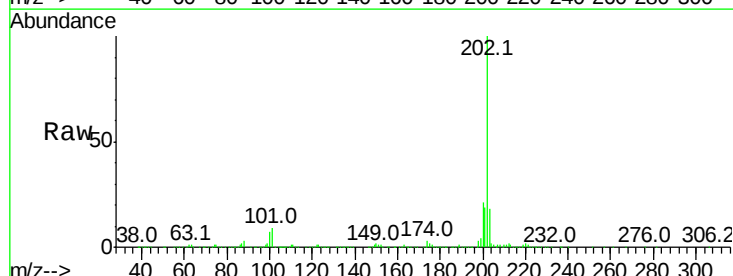
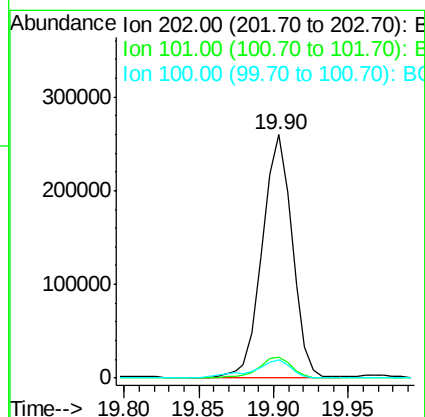
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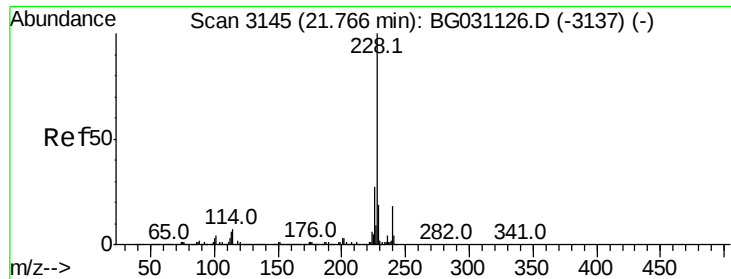
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#20
Pyrene
 Concen: 13.304 ng/ul
 RT: 19.90 min Scan# 2828
 Delta R.T. -0.01 min
 Lab File: BG031138.D
 Acq: 20 Nov 2017 19:45

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	11.2	16.8#
100	7.4	9.8	14.6#





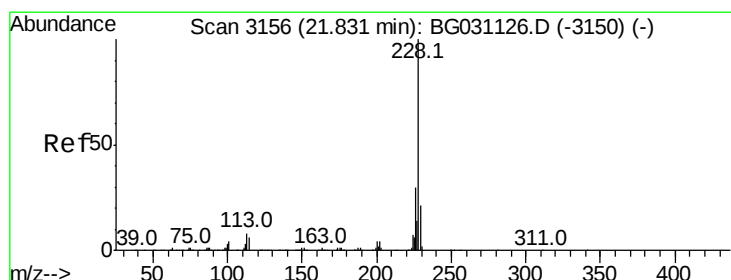
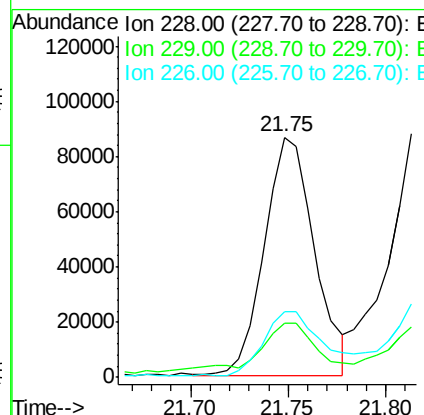
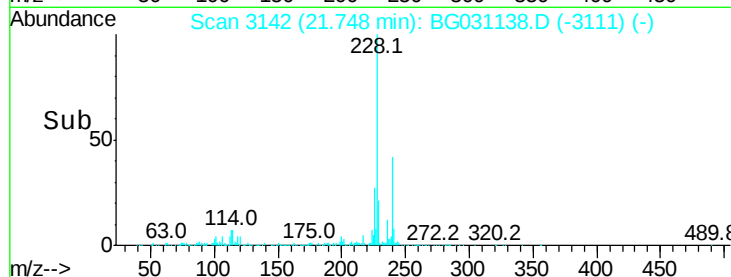
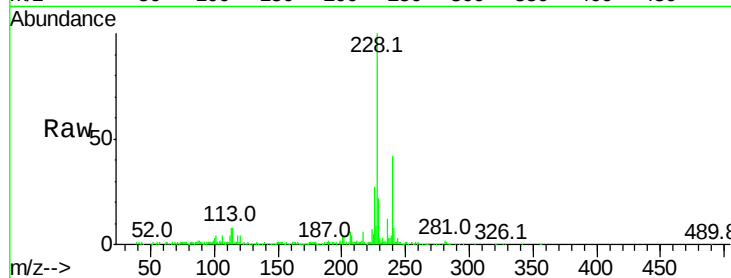
#21
Benzo(a)anthracene
Concen: 4.979 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

Instrument :
BNA_G
ClientSampled :
B0G36

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.9	23.9
226	27.3	22.1	33.1

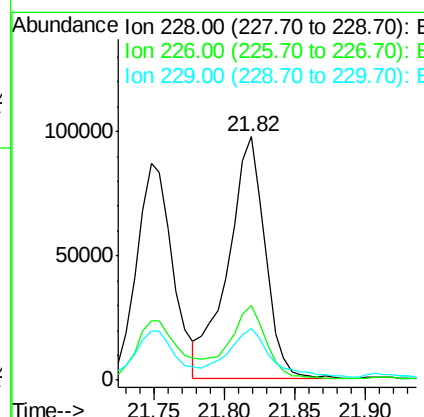
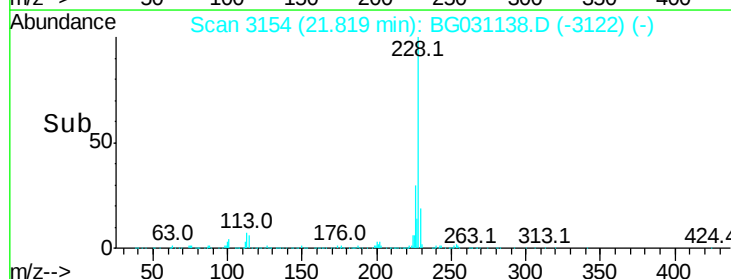
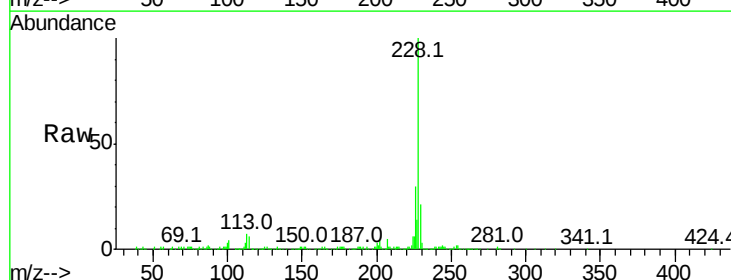
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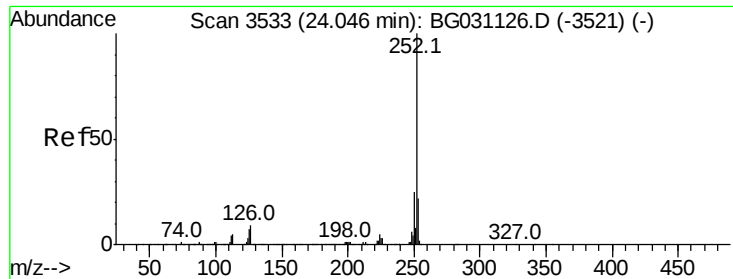
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#22
Chrysene
Concen: 6.005 ng/ul
RT: 21.82 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.6
229	21.0	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 5.242 ng/ul

RT: 24.02 min Scan# 3529

Delta R.T. -0.02 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

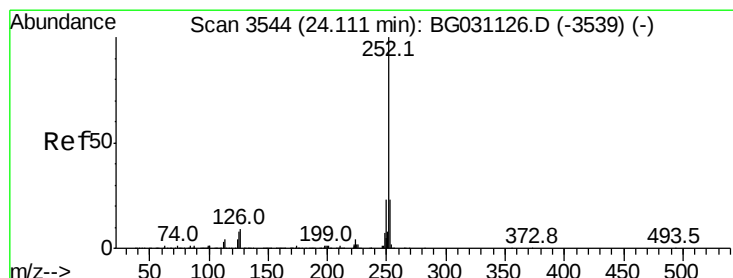
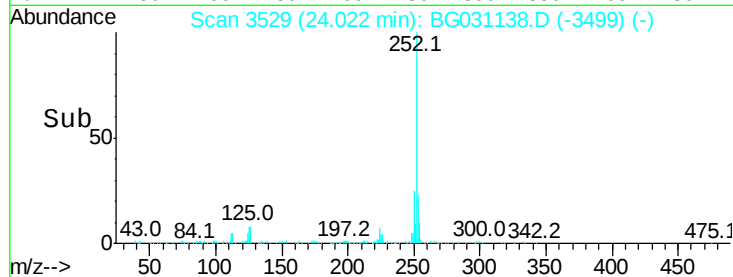
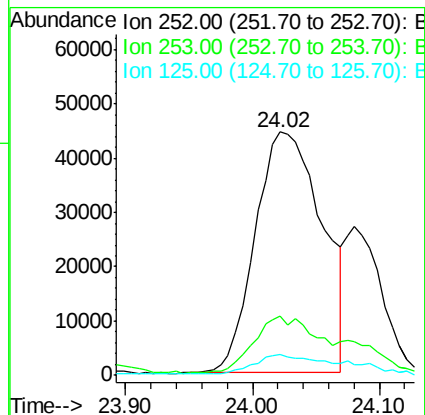
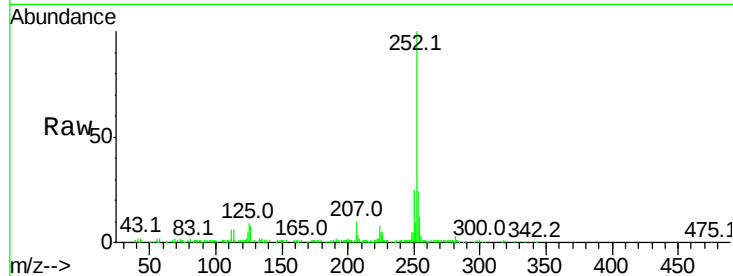
ClientSampled :

B0G36

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	8.7	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 1.778 ng/ul m

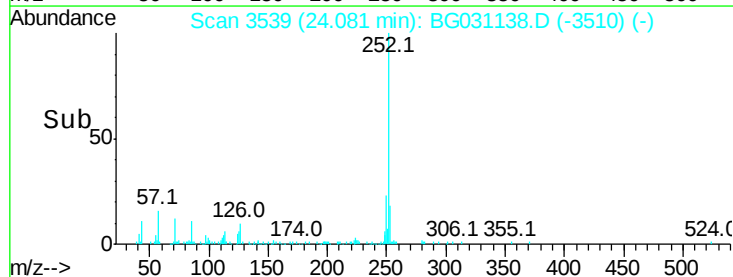
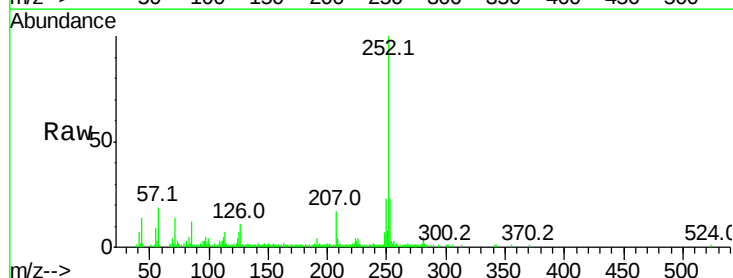
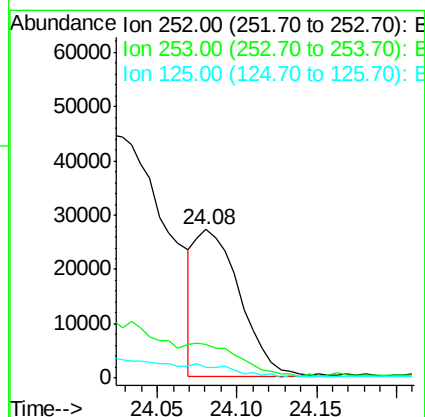
RT: 24.08 min Scan# 3539

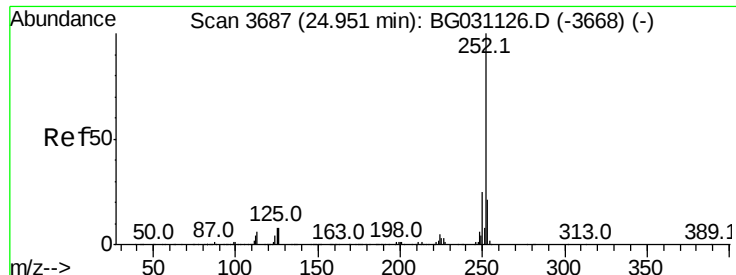
Delta R.T. -0.03 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	7.1	8.8	13.2#





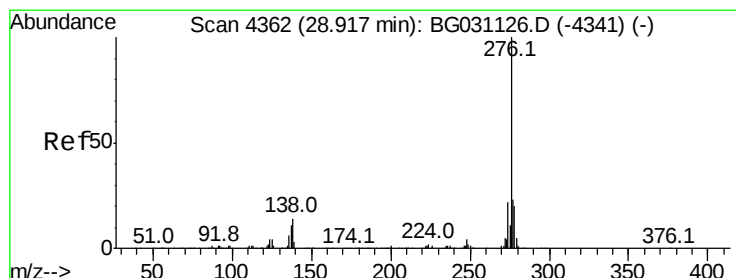
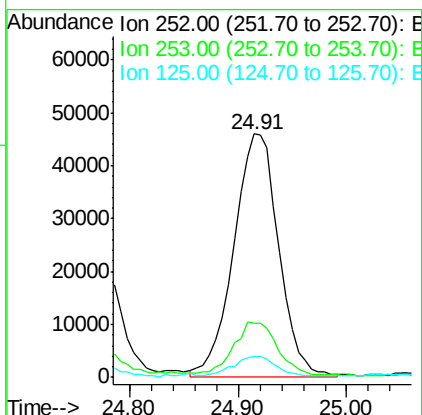
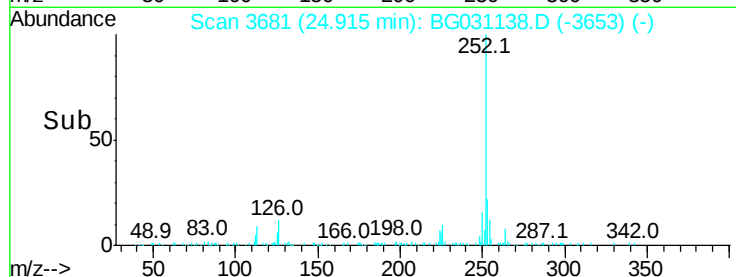
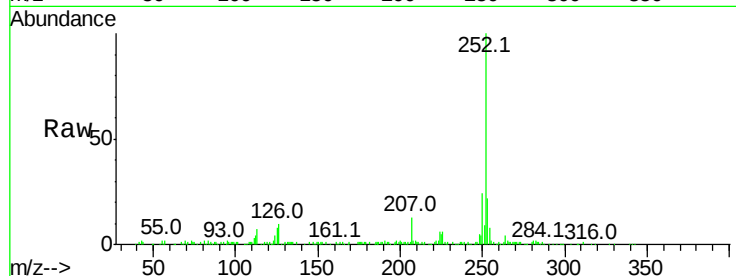
#27
Benzo(a)pyrene
Concen: 4.398 ng/ul m
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

Instrument :
BNA_G
ClientSampleId :
B0G36

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	22.4	17.1	25.7
125	8.5	9.4	14.2#

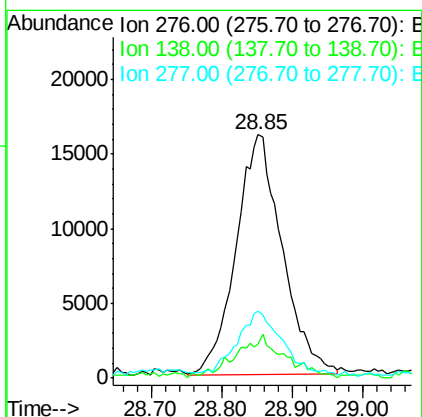
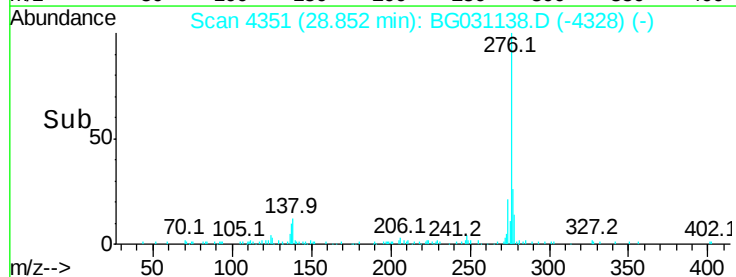
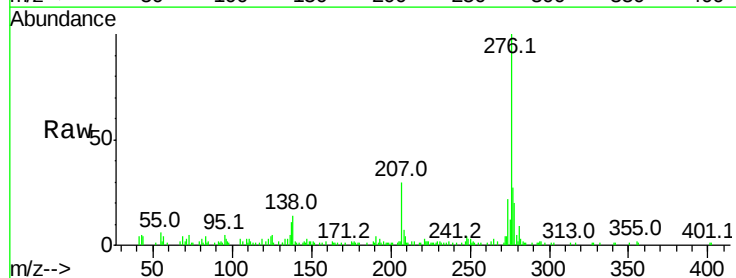
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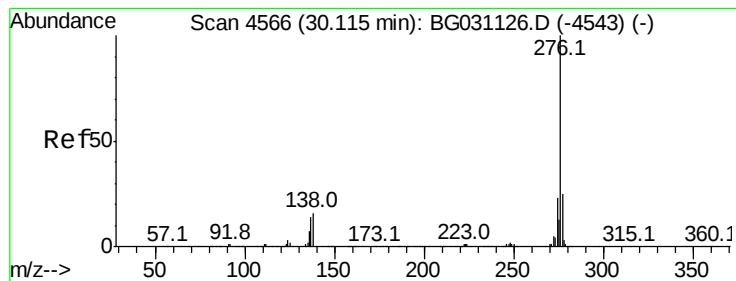
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#28
Indeno(1,2,3-cd)pyrene
Concen: 2.161 ng/ul
RT: 28.85 min Scan# 4351
Delta R.T. -0.07 min
Lab File: BG031138.D
Acq: 20 Nov 2017 19:45

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	13.7	17.8	26.6#
277	27.4	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 2.258 ng/ul m

RT: 30.04 min Scan# 4554

Delta R.T. -0.07 min

Lab File: BG031138.D

Acq: 20 Nov 2017 19:45

Instrument :

BNA_G

ClientSampleId :

B0G36

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.3	19.0	28.4#
277	26.1	19.7	29.5

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