

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031246.D
 Acq On : 28 Nov 2017 1:51
 Operator : SJ/JU
 Sample : I6506-15
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0GA8

Manual Integrations
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 11/28/2017 3:08:41 PM

Quant Time: Nov 28 07:44:00 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 07:19:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	60335	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	272309	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	175928	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	421954	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	453632	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	464568	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	154899	30.15	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	641160	35.04	ng/ul	0.00
10) Fluorene-d10	15.74	176	484022	32.94	ng/ul	0.00
15) Anthracene-d10	17.59	188	733610	34.74	ng/ul	0.00
19) Pyrene-d10	19.87	212	829929	40.05	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	828524	36.05	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.48	152	23397	1.460	ng/ul	99
14) Phenanthrene	17.54	178	264135	11.664	ng/ul	97
16) Anthracene	17.63	178	29300	1.274	ng/ul	96
17) Fluoranthene	19.54	202	584323	18.543	ng/ul#	90
20) Pyrene	19.90	202	581488	24.152	ng/ul#	90
21) Benzo(a)anthracene	21.75	228	303491	10.981	ng/ul	97
22) Chrysene	21.81	228	374289	14.238	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	442868	15.778	ng/ul	97
25) Benzo(k)fluoranthene	24.07	252	143944	5.206	ng/ul	96
27) Benzo(a)pyrene	24.91	252	299901m	11.147	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	214675	7.000	ng/ul#	90
29) Dibenzo(a,h)anthracene	28.88	278	61075m	2.405	ng/ul	
30) Benzo(a,h,i)perylene	30.03	276	174680	6.841	ng/ul#	93

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

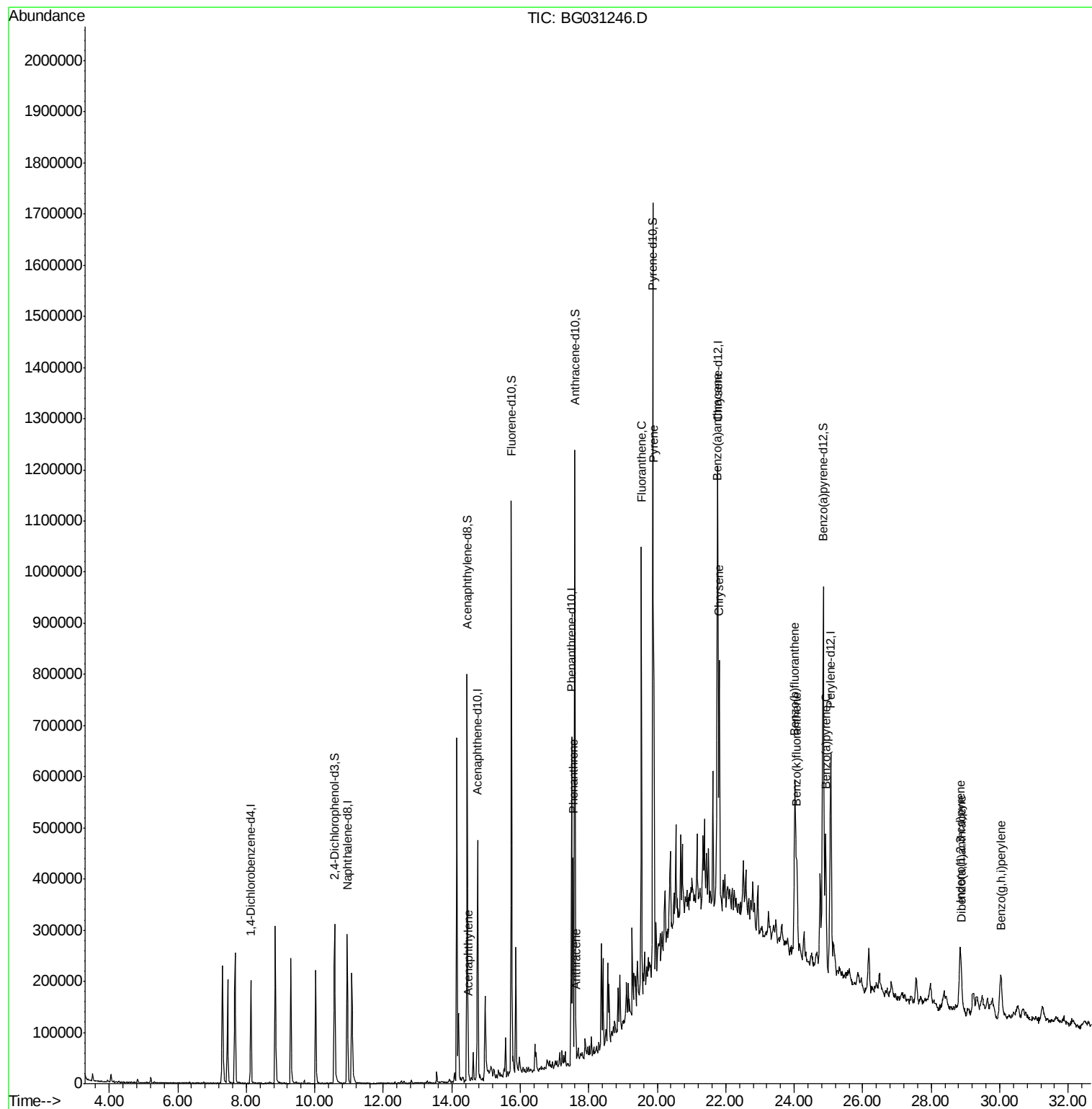
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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ALS Vial : 25 Sample Multiplier: 1

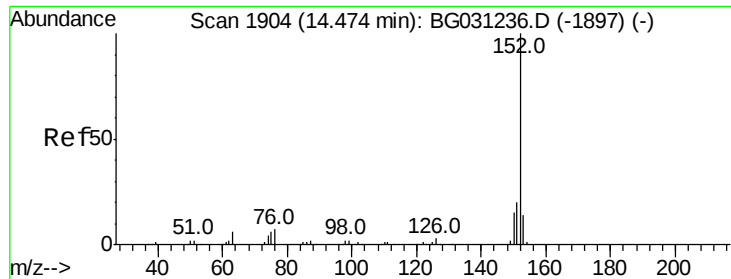
Instrument :
BNA_G
ClientSampled :
B0GA8

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.460 ng/ul

RT: 14.48 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BG031246.D

Acq: 28 Nov 2017 1:51

Instrument :

BNA_G

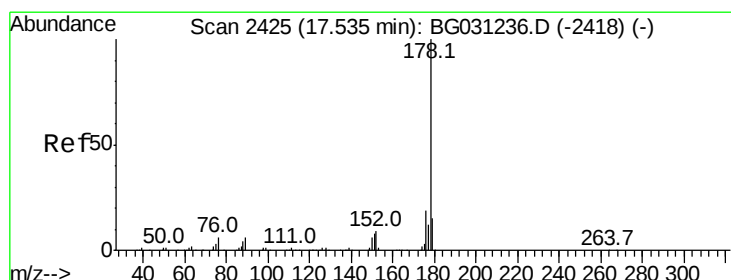
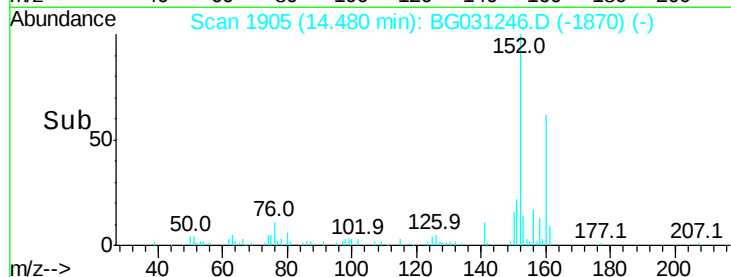
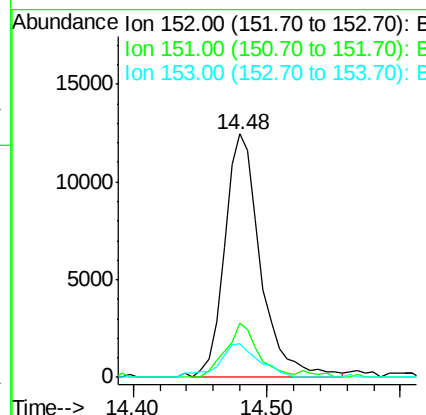
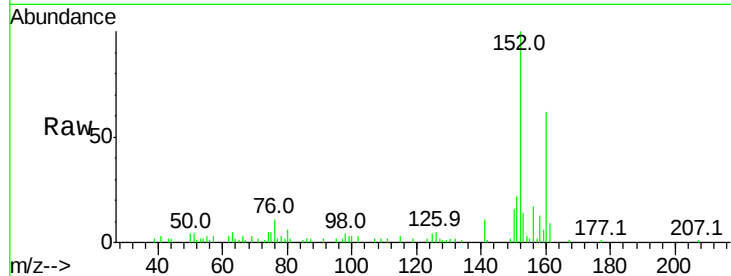
ClientSampleId :

B0GA8

Tot Ion:	152	Resp:	23397
Ion Ratio	Lower	Upper	
152	100		
151	22.2	17.5	26.3
153	13.9	10.6	16.0

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#14

Phenanthrene

Concen: 11.664 ng/ul

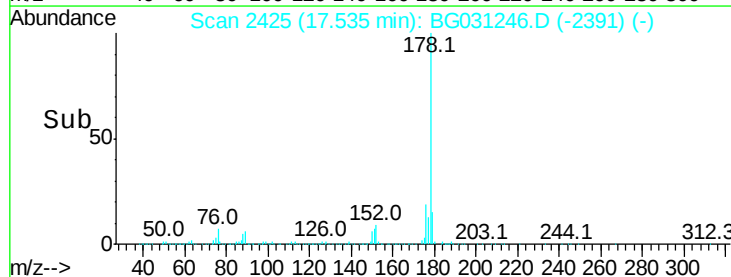
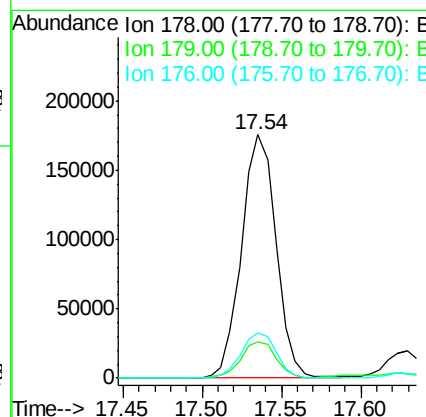
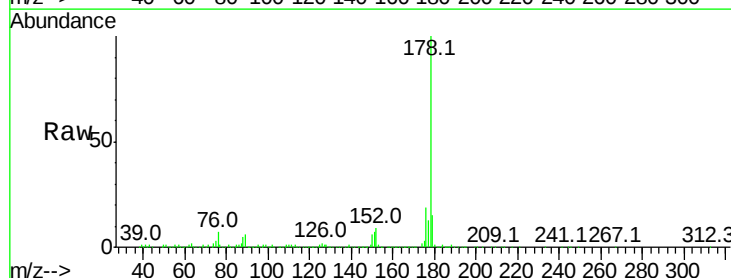
RT: 17.54 min Scan# 2425

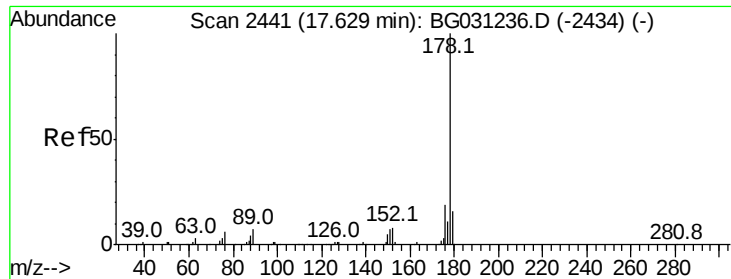
Delta R.T. 0.00 min

Lab File: BG031246.D

Acq: 28 Nov 2017 1:51

Tgt Ion:	178	Resp:	264135
Ion Ratio	Lower	Upper	
178	100		
179	14.8	12.2	18.4
176	18.6	16.4	24.6





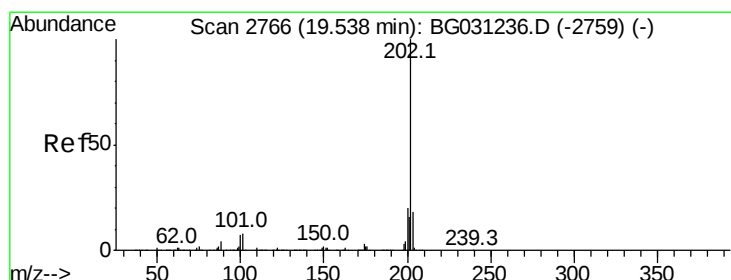
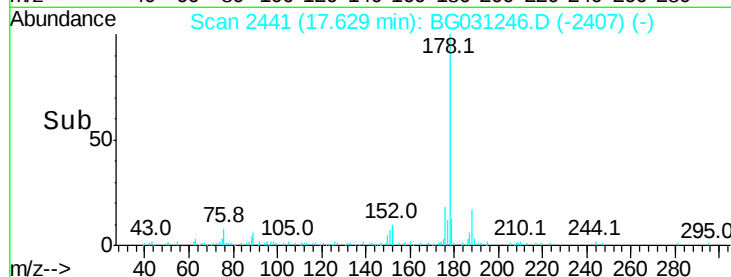
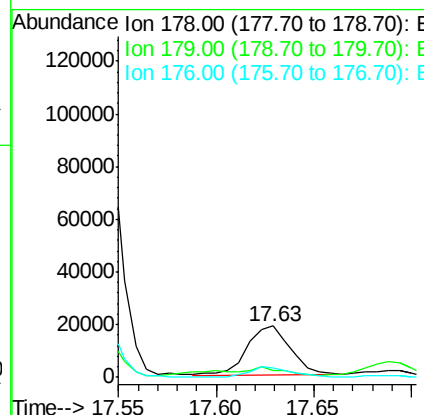
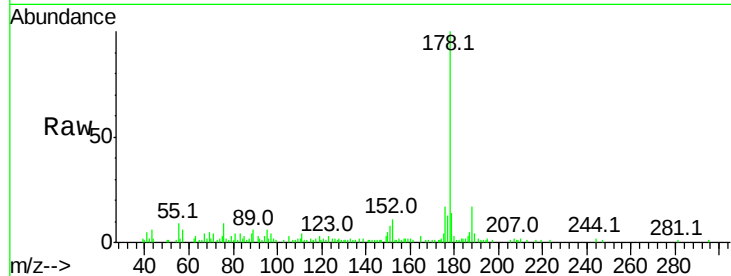
#16
 Anthracene
 Concen: 1.274 ng/ul
 RT: 17.63 min Scan# 2441
 Delta R.T. 0.00 min
 Lab File: BG031246.D
 Acq: 28 Nov 2017 1:51

Instrument :
 BNA_G
 ClientSampleId :
 B0GA8

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.7	19.1
176	17.4	15.8	23.8

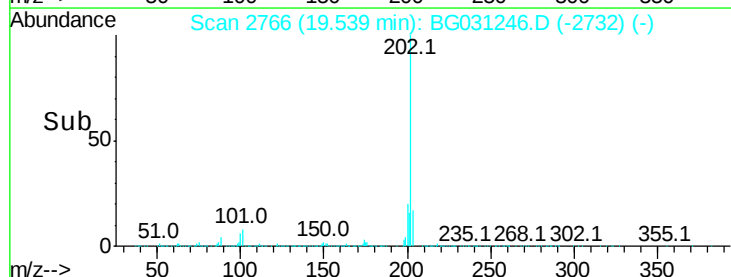
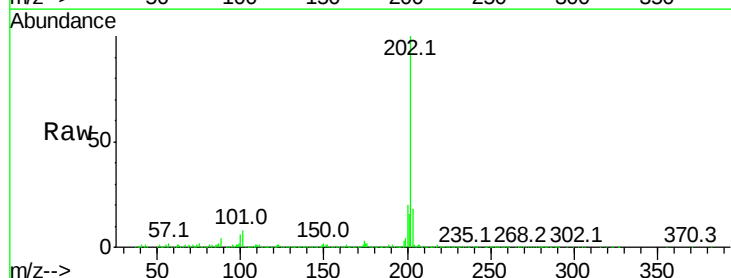
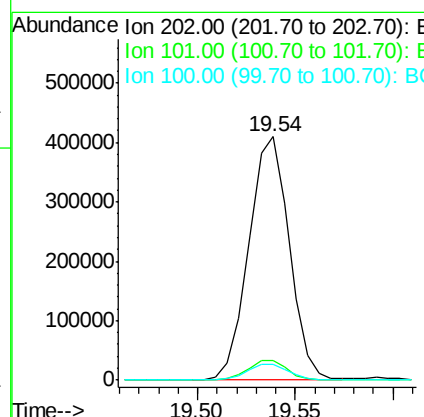
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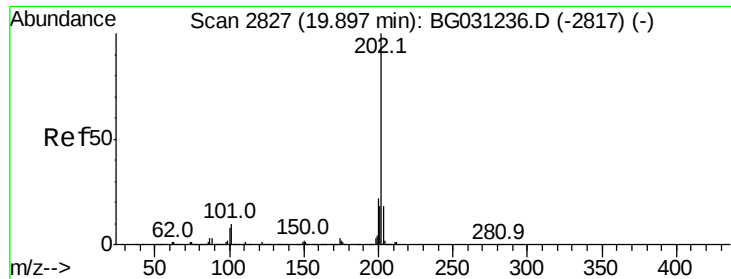
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#17
 Fluoranthene
 Concen: 18.543 ng/ul
 RT: 19.54 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: BG031246.D
 Acq: 28 Nov 2017 1:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	9.8	14.8#
100	6.2	7.5	11.3#





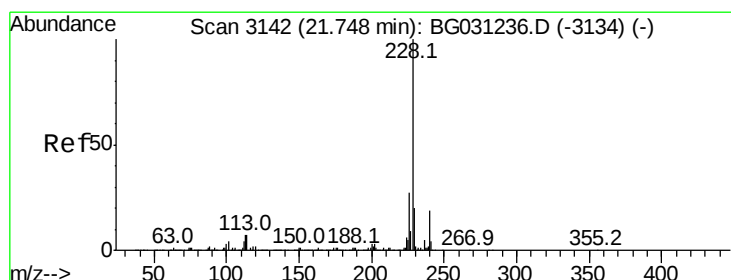
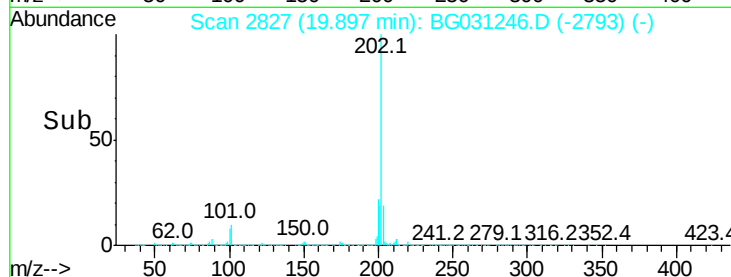
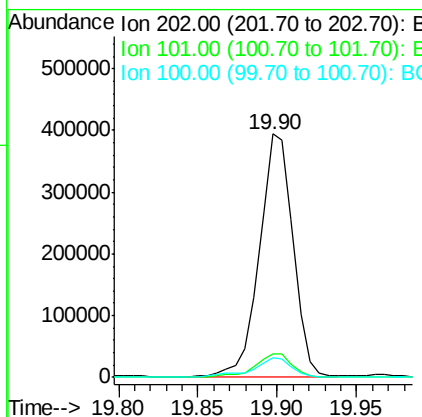
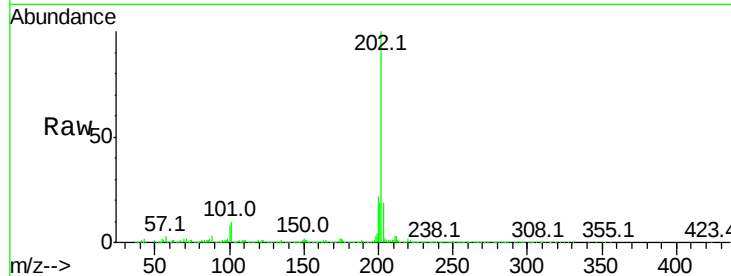
#20
Pvrene
Concen: 24.152 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Instrument :
BNA_G
ClientSampled :
B0GA8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	11.2	16.8#
100	8.0	9.8	14.6#

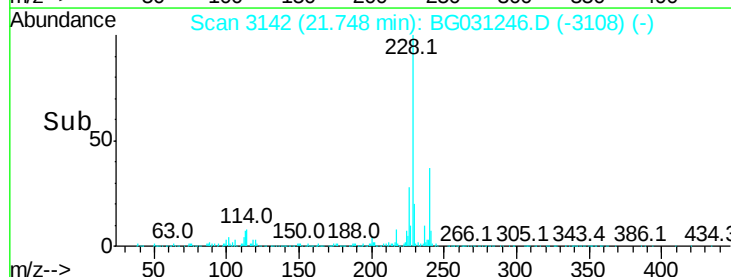
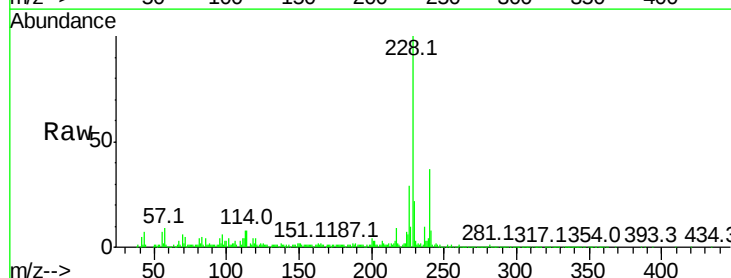
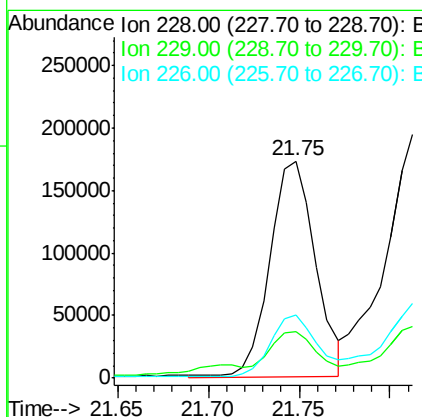
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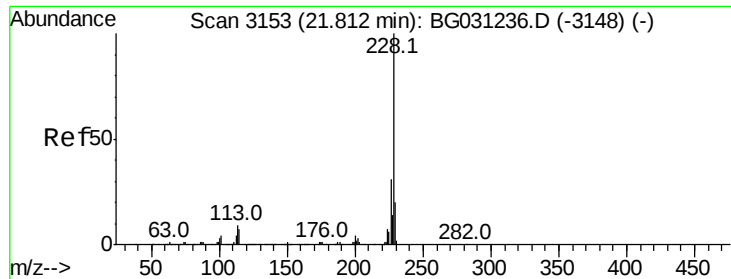
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#21
Benzo(a)anthracene
Concen: 10.981 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.9	23.9
226	28.9	22.1	33.1





#22

Chrysene

Concen: 14.238 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG031246.D

Acq: 28 Nov 2017 1:51

Instrument :

BNA_G

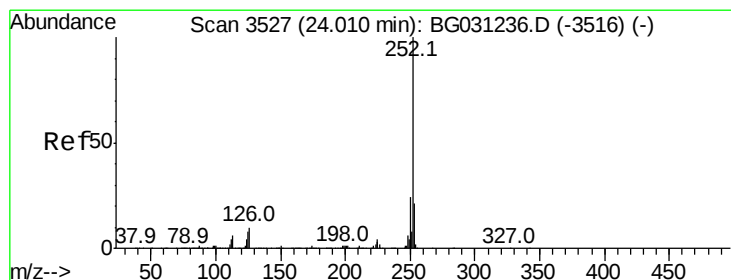
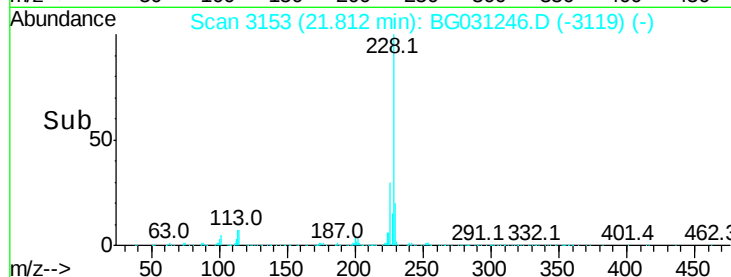
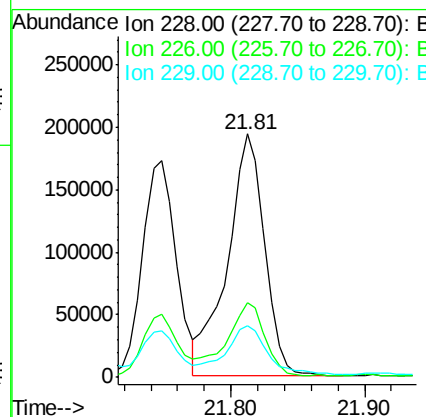
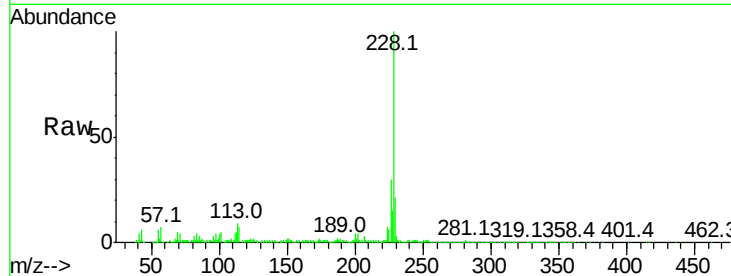
ClientSampled :

B0GA8

Tot Ion:	228	Resp:	374289
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	21.0	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 15.778 ng/ul

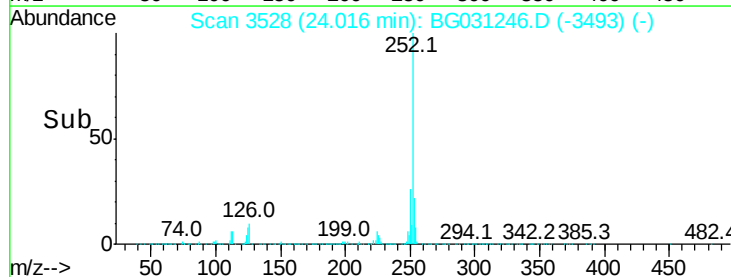
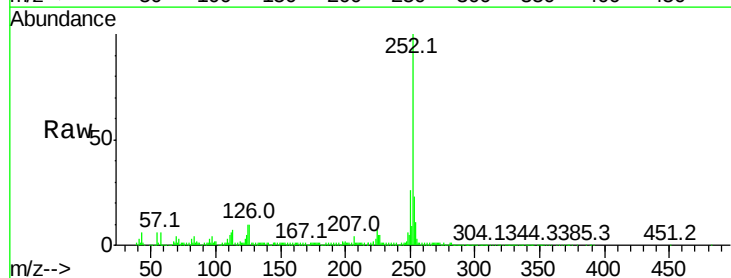
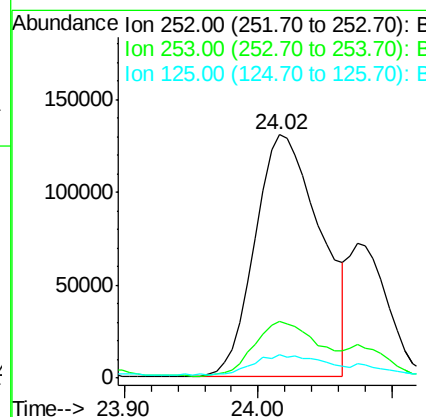
RT: 24.02 min Scan# 3528

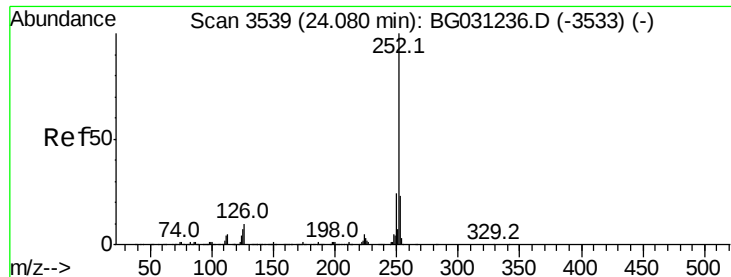
Delta R.T. 0.01 min

Lab File: BG031246.D

Acq: 28 Nov 2017 1:51

Tgt Ion:	252	Resp:	442868
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	9.6	9.4	14.0





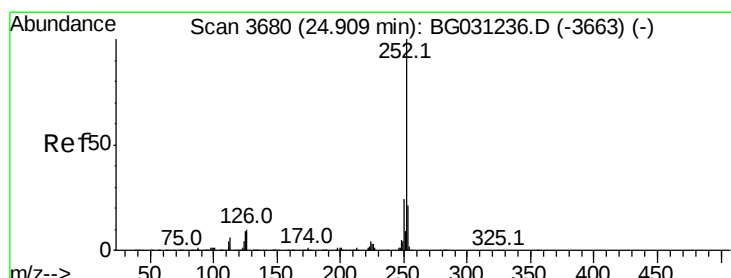
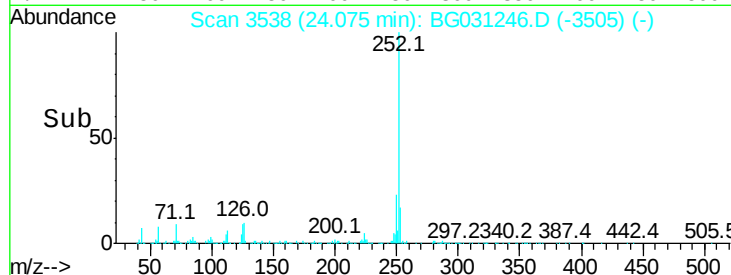
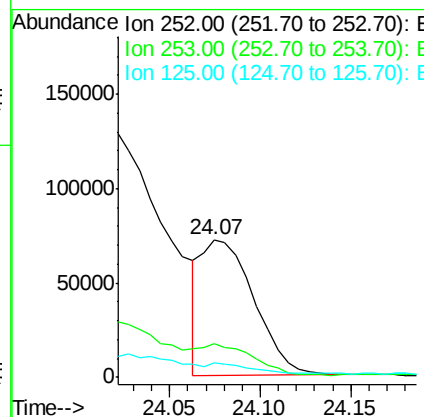
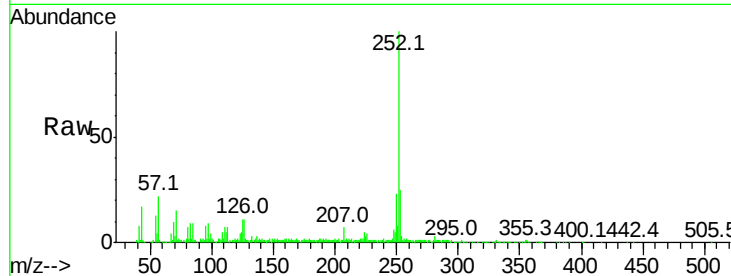
#25
Benzo(k)fluoranthene
Concen: 5.206 ng/ul
RT: 24.07 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Instrument :
BNA_G
ClientSampled :
B0GA8

Tot Ion:	252	Resp:	143944
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.2
125	10.6	8.8	13.2

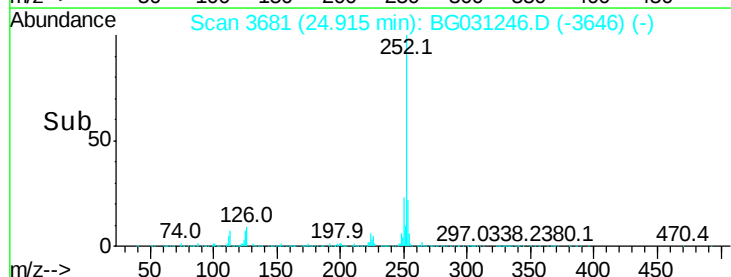
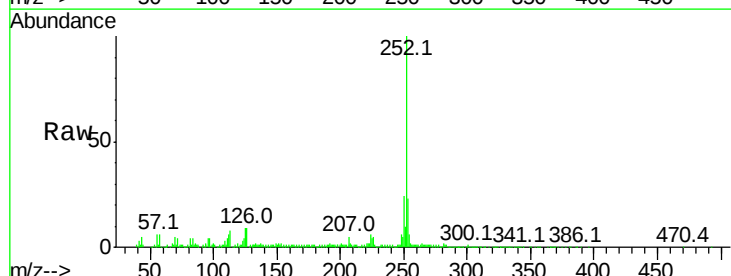
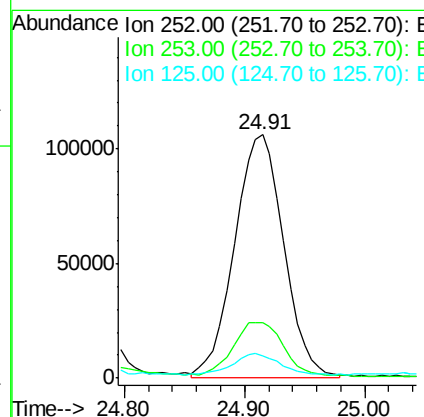
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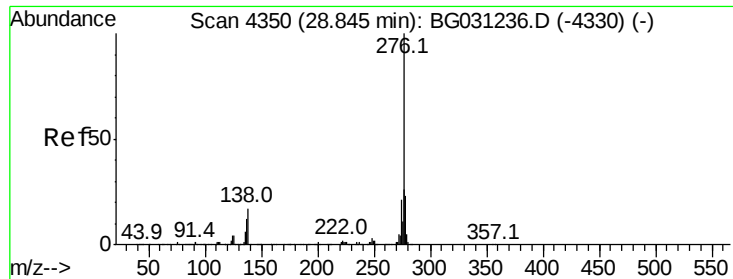
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#27
Benzo(a)pyrene
Concen: 11.147 ng/ul m
RT: 24.91 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Tgt Ion:	252	Resp:	299901
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.1	25.7
125	8.9	9.4	14.2#





#28

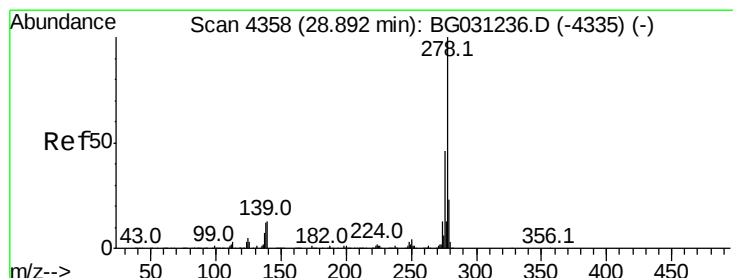
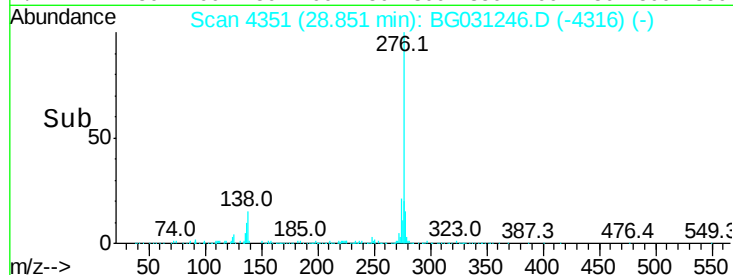
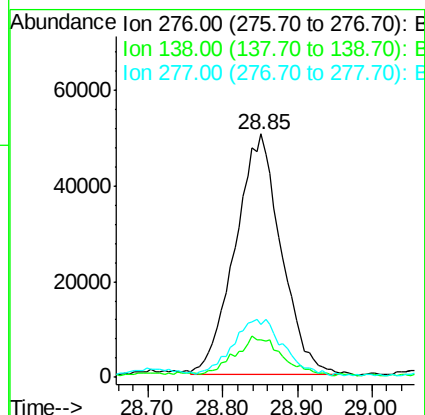
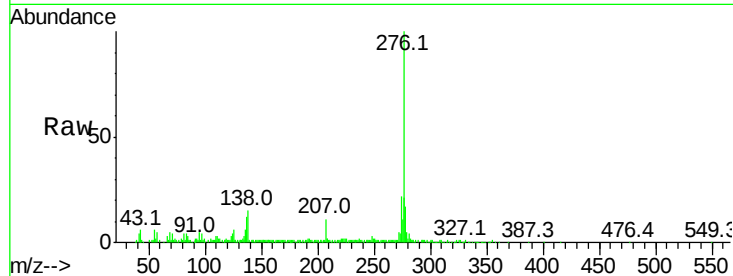
Indeno(1,2,3-cd)pyrene
Concen: 7.000 ng/ul
RT: 28.85 min Scan# 4351
Delta R.T. 0.01 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Instrument :
BNA_G
ClientSampleId :
B0GA8

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	17.8	26.6#
277	21.5	19.4	29.0

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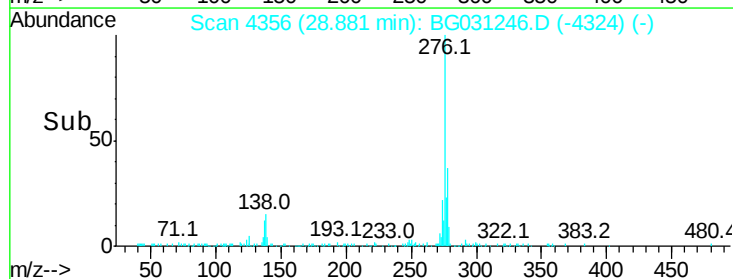
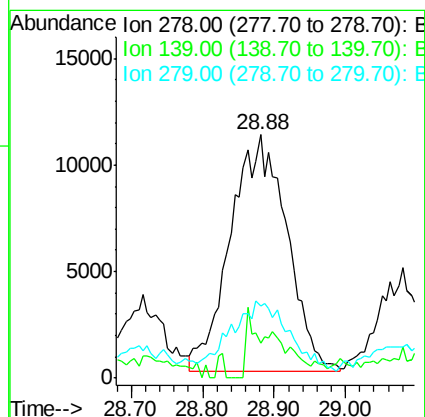
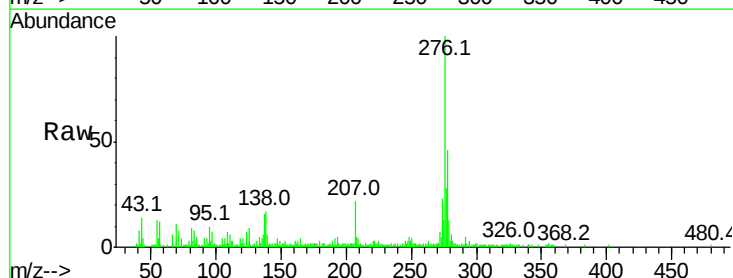
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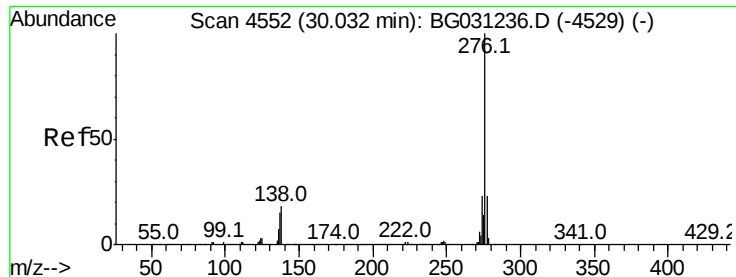


#29

Dibenzo(a,h)anthracene
Concen: 2.405 ng/ul m
RT: 28.88 min Scan# 4356
Delta R.T. -0.01 min
Lab File: BG031246.D
Acq: 28 Nov 2017 1:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.1	14.0	21.0
279	29.6	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 6.841 ng/ul

RT: 30.03 min Scan# 4552

Delta R.T. 0.00 min

Lab File: BG031246.D

Acq: 28 Nov 2017 1:51

Instrument :

BNA_G

ClientSampleId :

B0GA8

Tot Ion: 276 Resp: 174680

Ion Ratio Lower Upper

276 100

138 17.0 19.0 28.4#

277 24.8 19.7 29.5

Manual Integrations

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