

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031248.D
 Acq On : 28 Nov 2017 3:05
 Operator : SJ/JU
 Sample : I6506-17
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0GB4

Manual Integrations
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Quant Time: Nov 28 07:47:55 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	73422	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	320809	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	204848	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	495944	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	535469	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	537684	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	97925	16.18	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	413726	19.42	ng/ul	0.00
10) Fluorene-d10	15.74	176	316754	18.51	ng/ul	0.00
15) Anthracene-d10	17.59	188	487086	19.62	ng/ul	0.00
19) Pyrene-d10	19.87	212	560012	22.89	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	524774	19.73	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthylene	14.48	152	24747	1.326	ng/ul	99
14) Phenanthrene	17.53	178	349231	13.121	ng/ul	98
16) Anthracene	17.63	178	38841	1.437	ng/ul	96
17) Fluoranthene	19.54	202	812300	21.931	ng/ul#	91
20) Pyrene	19.90	202	804571	28.310	ng/ul#	90
21) Benzo(a)anthracene	21.74	228	410280	12.576	ng/ul	98
22) Chrysene	21.82	228	508008	16.372	ng/ul	99
24) Benzo(b)fluoranthene	24.02	252	553735	17.045	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	232747m	7.273	ng/ul	
27) Benzo(a)pyrene	24.91	252	386235m	12.404	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.84	276	276376	7.787	ng/ul#	92
29) Dibenzo(a,h)anthracene	28.88	278	74521	2.536	ng/ul	94
30) Benzo(a,h,i)perylene	30.02	276	227024	7.682	ng/ul#	92

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

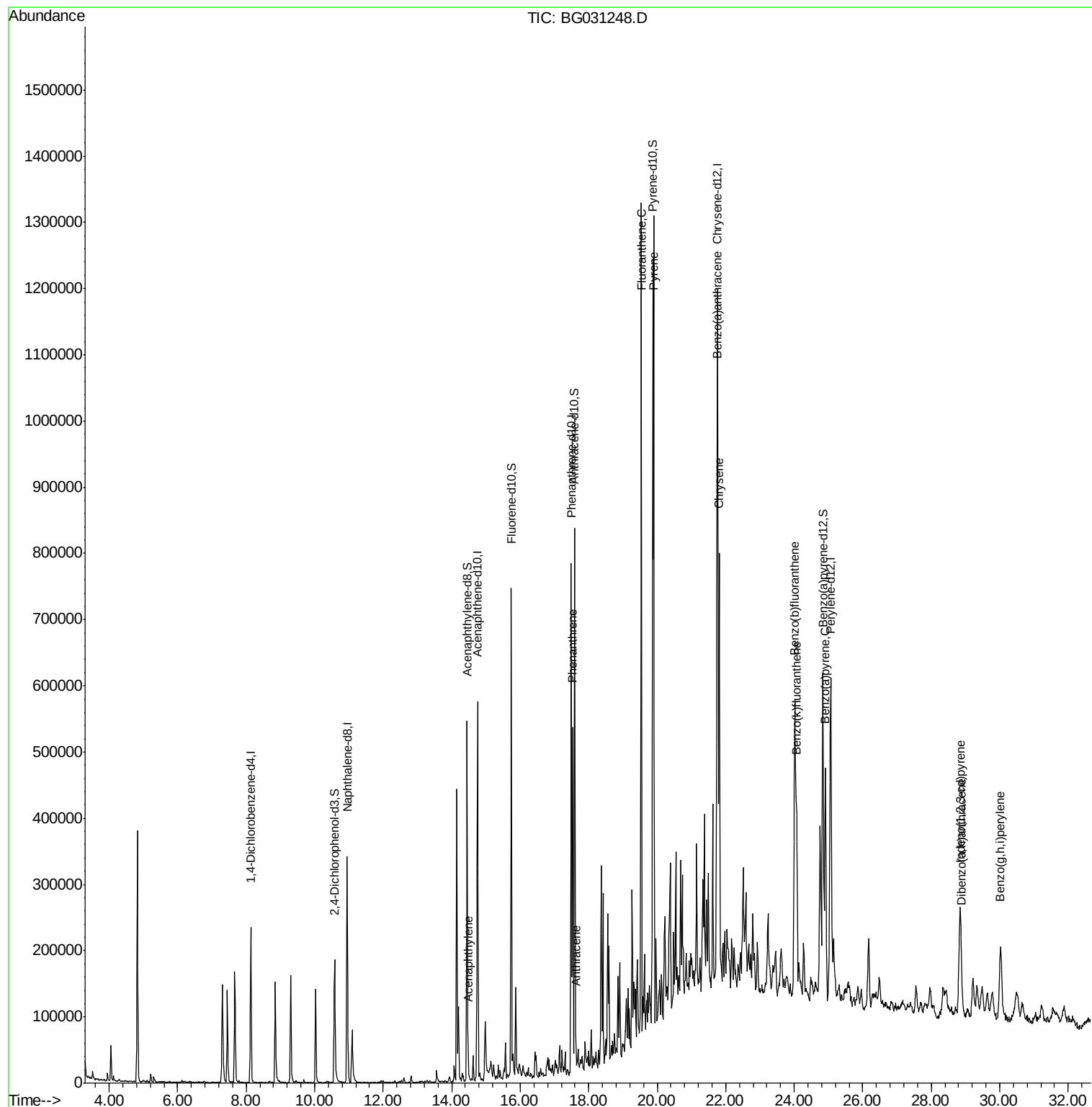
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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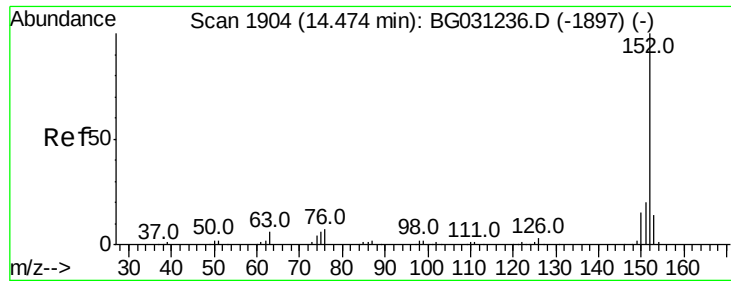
Instrument :
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 28 07:19:57 2017
Response via : Initial Calibration





#8

Acenaphthylene

Concen: 1.326 ng/ul

RT: 14.48 min Scan# 1905

Delta R.T. 0.01 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Instrument :

BNA_G

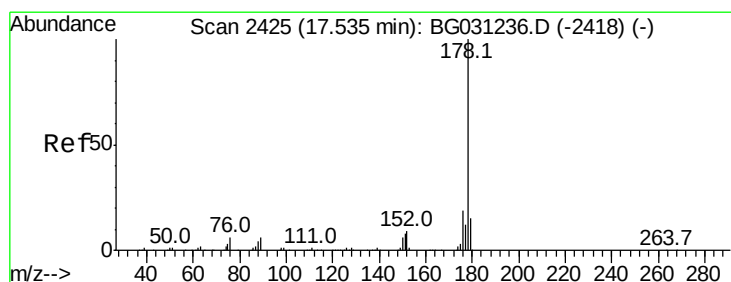
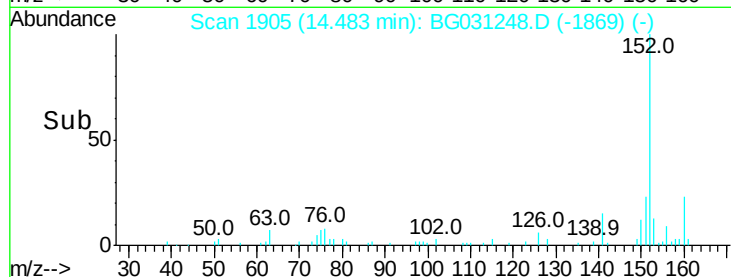
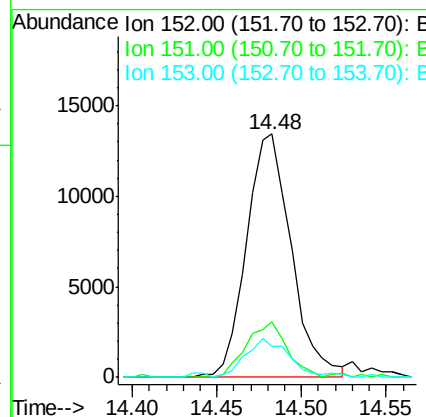
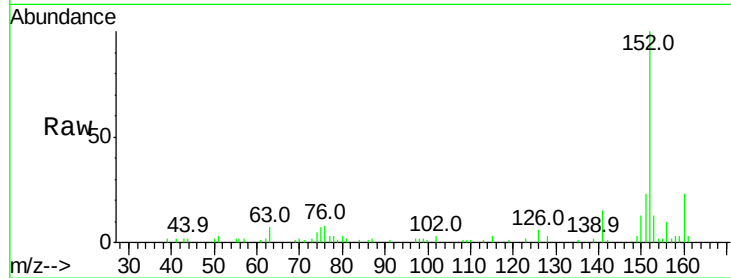
ClientSampleId :

B0GB4

Tot Ion:	152	Resp:	24747
Ion Ratio	Lower	Upper	
152	100		
151	22.6	17.5	26.3
153	12.9	10.6	16.0

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#14

Phenanthrene

Concen: 13.121 ng/ul

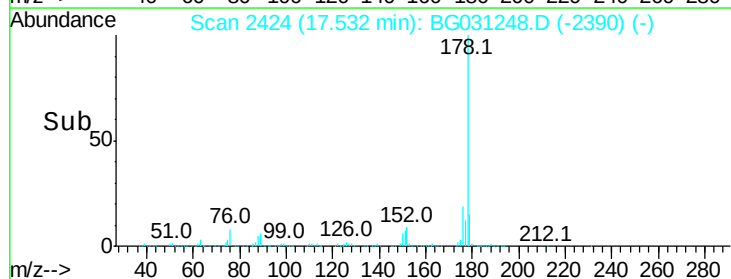
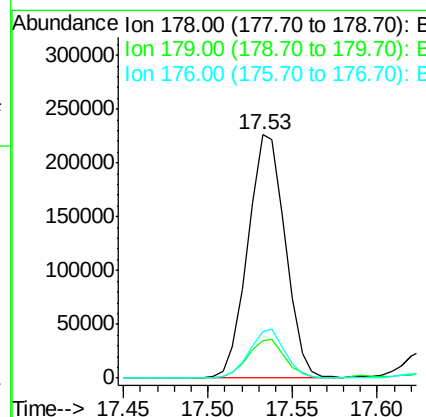
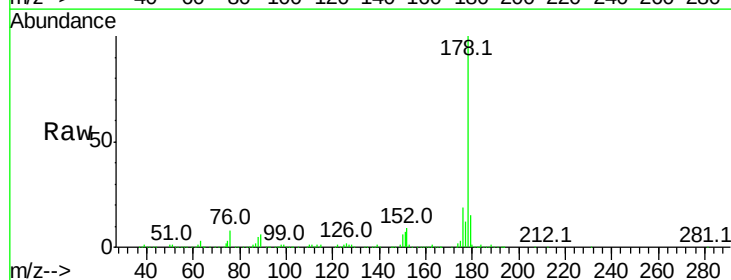
RT: 17.53 min Scan# 2424

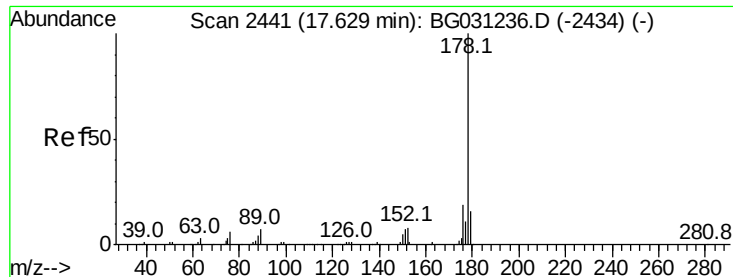
Delta R.T. -0.00 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Tgt Ion:	178	Resp:	349231
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.2	18.4
176	19.2	16.4	24.6





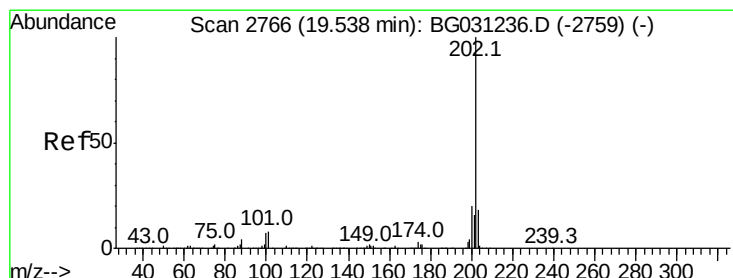
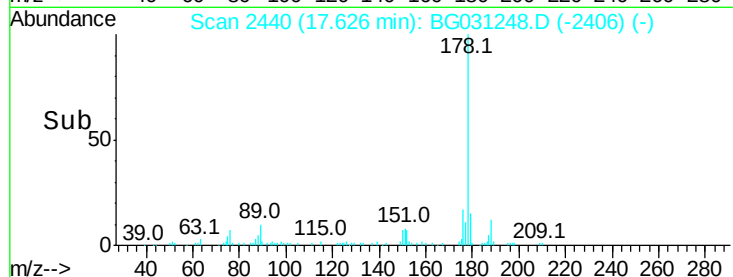
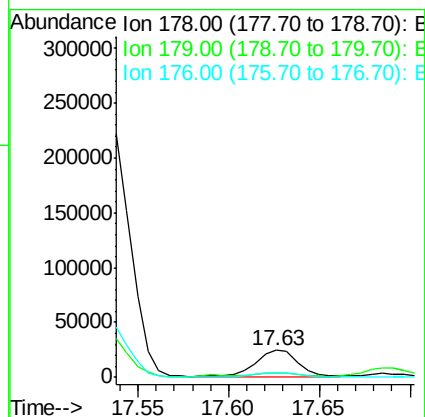
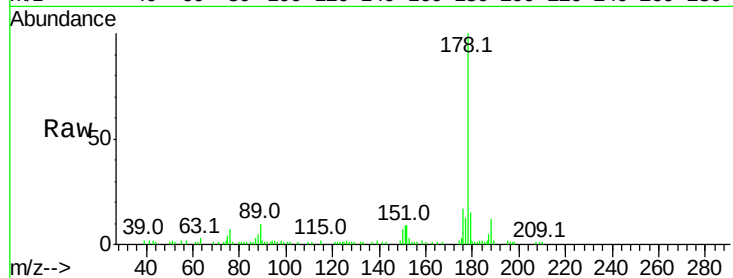
#16
 Anthracene
 Concen: 1.437 ng/ul
 RT: 17.63 min Scan# 2440
 Delta R.T. -0.00 min
 Lab File: BG031248.D
 Acq: 28 Nov 2017 3:05

Instrument :
 BNA_G
 ClientSampled :
 B0GB4

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.7	19.1
176	17.4	15.8	23.8

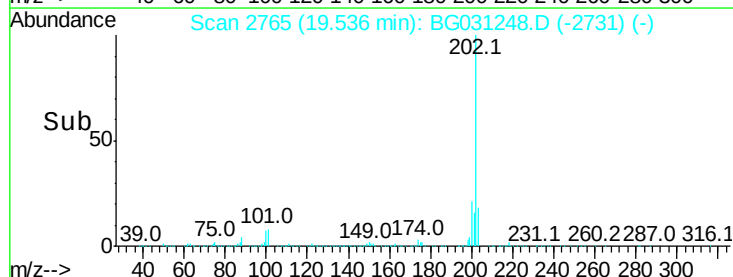
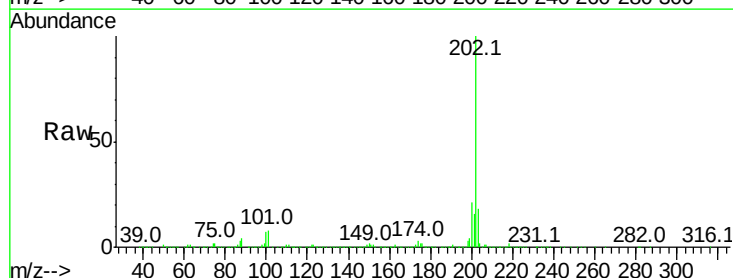
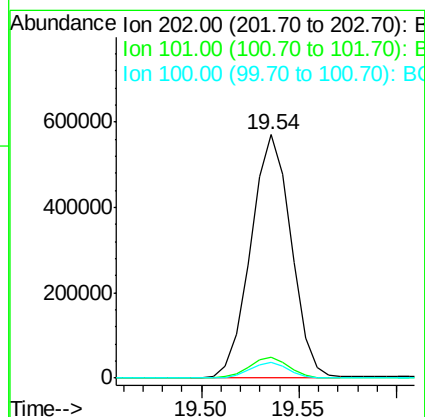
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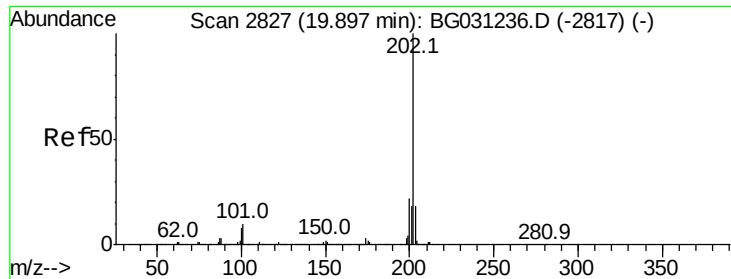
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#17
 Fluoranthene
 Concen: 21.931 ng/ul
 RT: 19.54 min Scan# 2765
 Delta R.T. -0.00 min
 Lab File: BG031248.D
 Acq: 28 Nov 2017 3:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	9.8	14.8#
100	6.7	7.5	11.3#





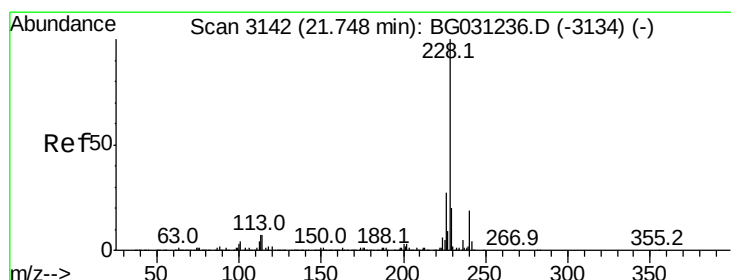
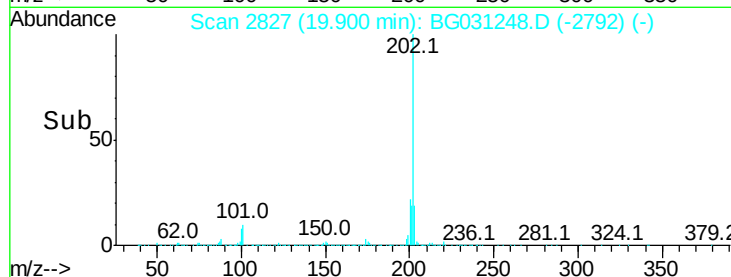
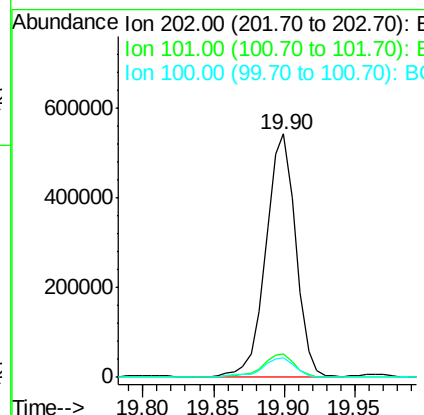
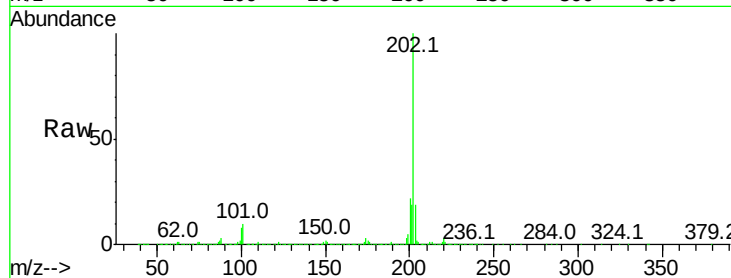
#20
Pvrene
Concen: 28.310 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Instrument :
BNA_G
ClientSampleId :
B0GB4

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	11.2	16.8#
100	8.2	9.8	14.6#

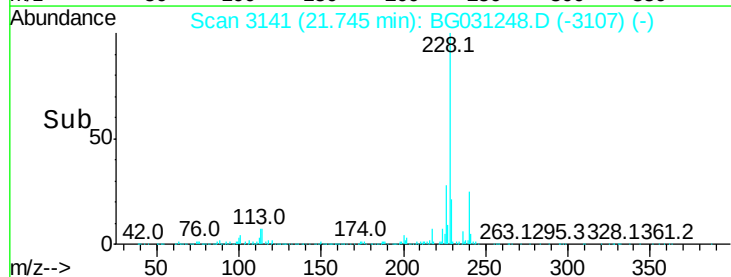
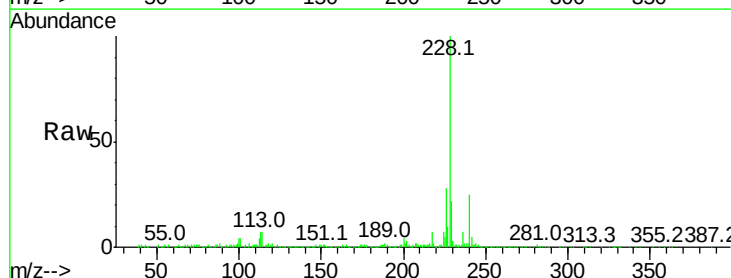
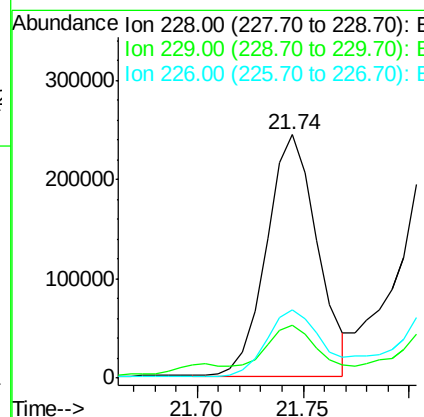
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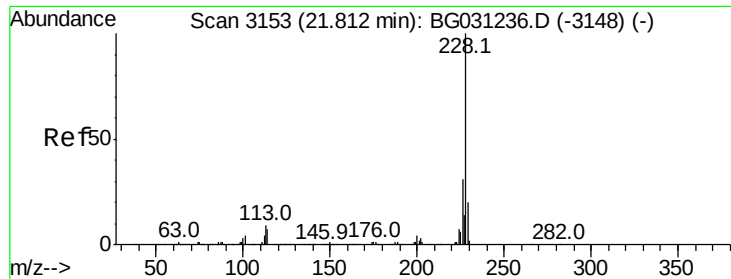
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#21
Benzo(a)anthracene
Concen: 12.576 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG031248.D
Acq: 28 Nov 2017 3:05

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.9	23.9
226	27.9	22.1	33.1





#22

Chrysene

Concen: 16.372 ng/ul

RT: 21.82 min Scan# 3153

Delta R.T. 0.00 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Instrument :

BNA_G

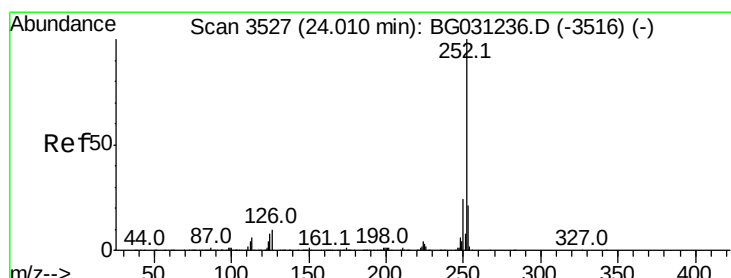
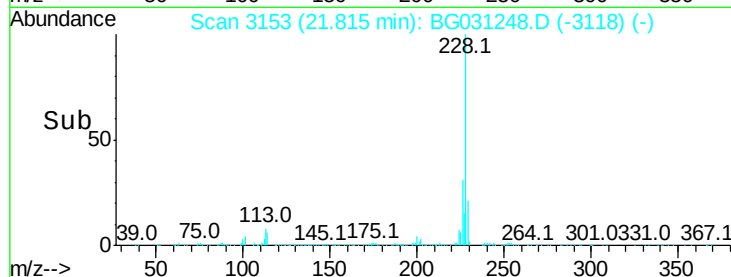
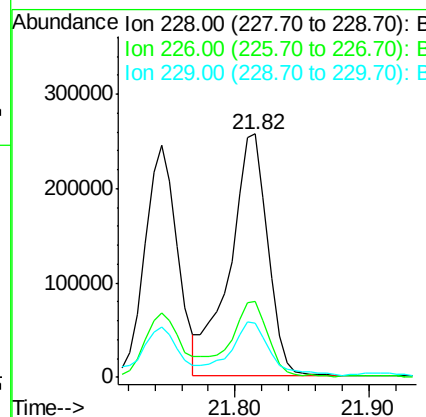
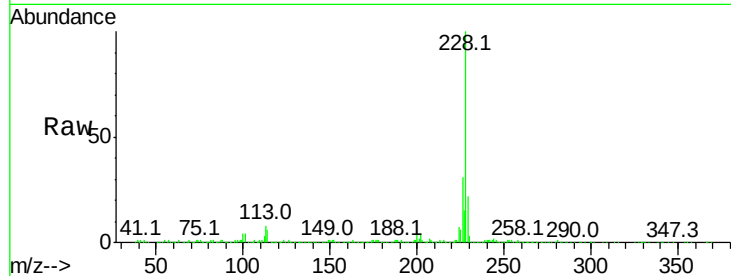
ClientSampleId :

B0GB4

Tot Ion:	228	Resp:	508008
Ion Ratio	Lower	Upper	
228	100		
226	31.2	25.0	37.6
229	22.1	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 17.045 ng/ul

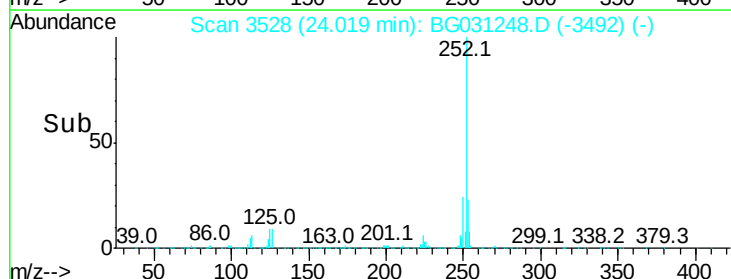
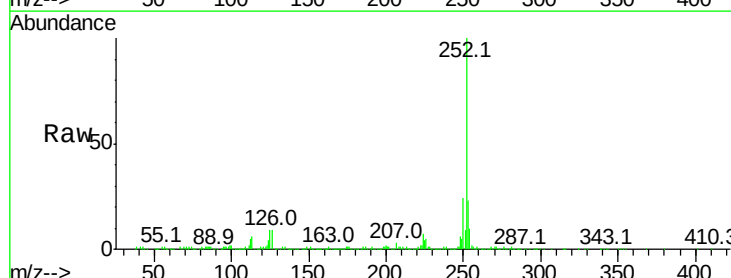
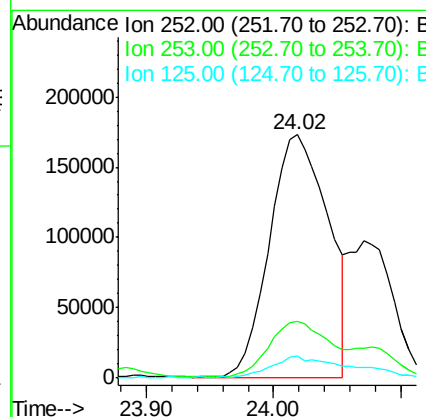
RT: 24.02 min Scan# 3528

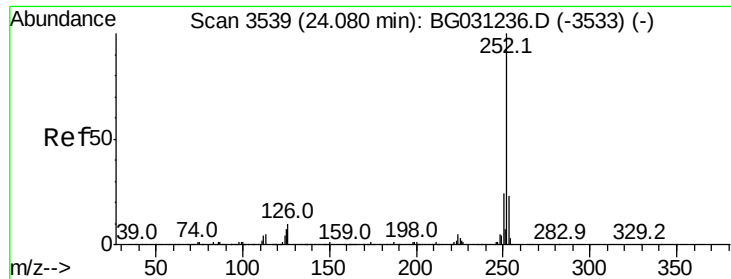
Delta R.T. 0.01 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Tgt Ion:	252	Resp:	553735
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.8	26.6
125	9.0	9.4	14.0#





#25

Benzo(k)fluoranthene

Concen: 7.273 ng/ul m

RT: 24.07 min Scan# 3537

Delta R.T. -0.01 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Instrument :

BNA_G

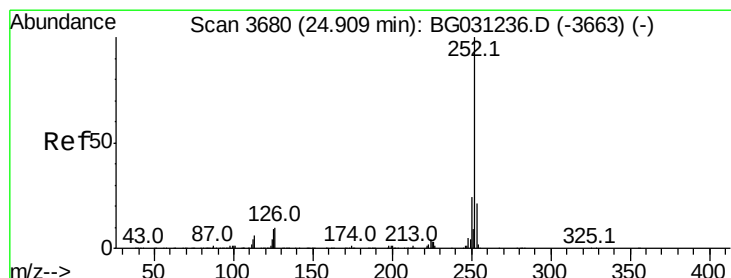
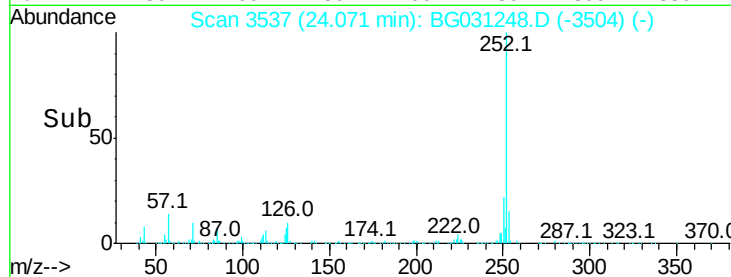
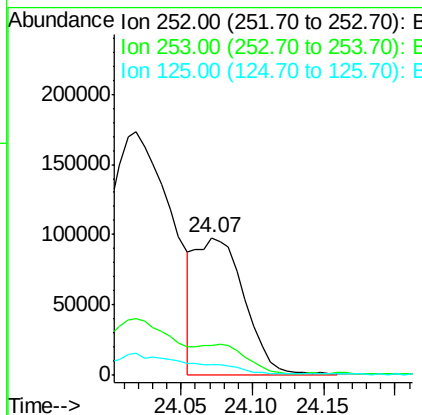
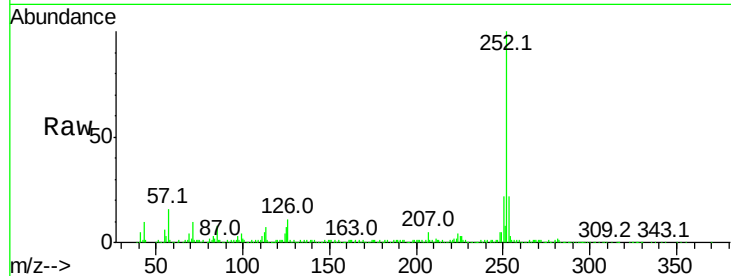
ClientSampled :

B0GB4

Tot Ion:	252	Resp:	232747
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	7.4	8.8	13.2#

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#27

Benzo(a)pyrene

Concen: 12.404 ng/ul m

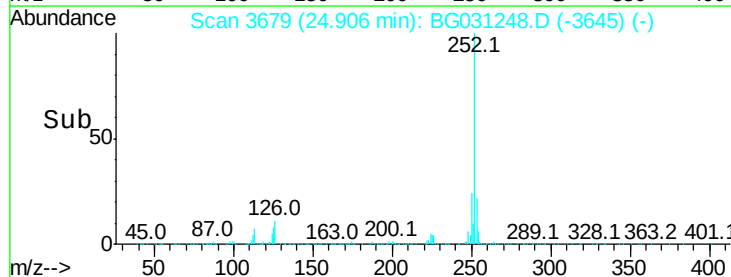
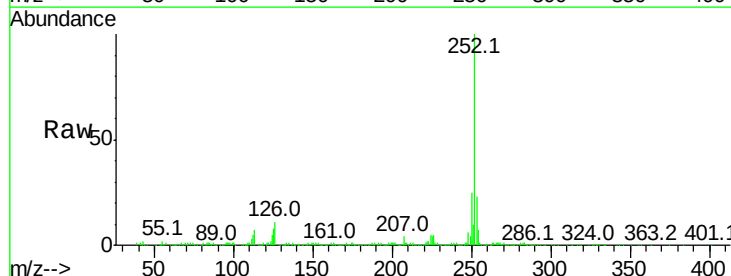
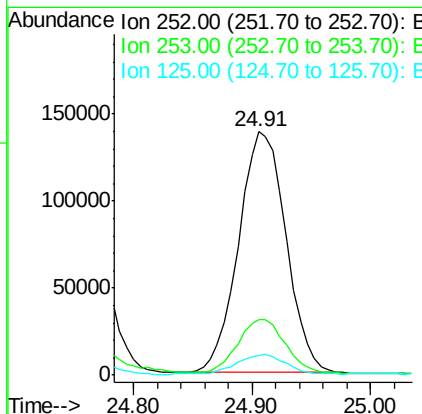
RT: 24.91 min Scan# 3679

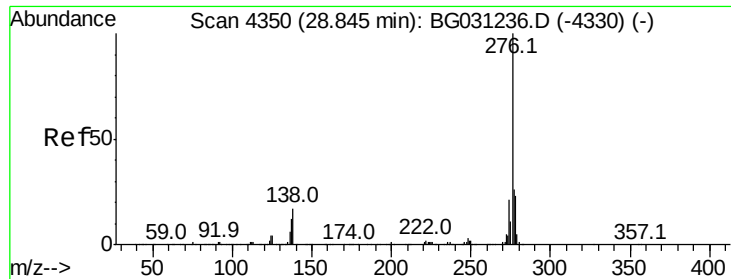
Delta R.T. -0.00 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Tgt Ion:	252	Resp:	386235
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	8.3	9.4	14.2#





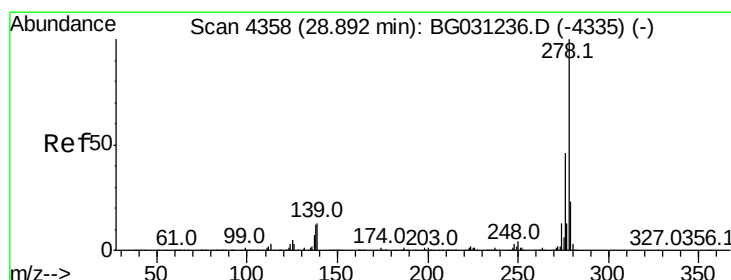
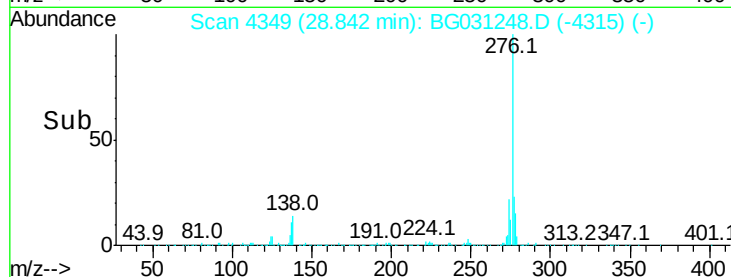
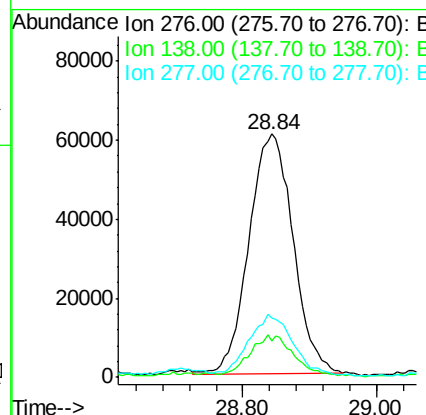
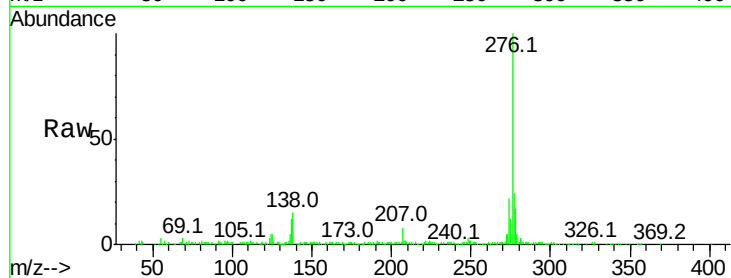
#28
 Indeno(1,2,3-cd)pyrene
 Concen: 7.787 ng/ul
 RT: 28.84 min Scan# 4349
 Delta R.T. -0.00 min
 Lab File: BG031248.D
 Acq: 28 Nov 2017 3:05

Instrument :
 BNA_G
 ClientSampled :
 B0GB4

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	17.8	26.6#
277	24.3	19.4	29.0

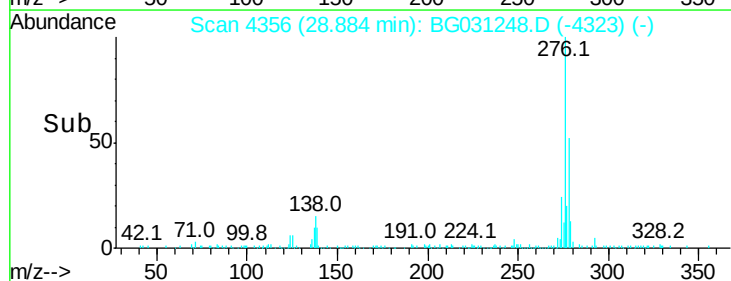
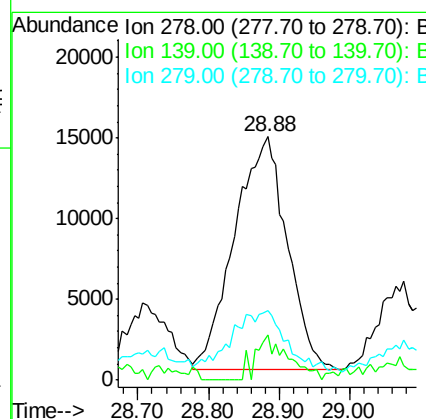
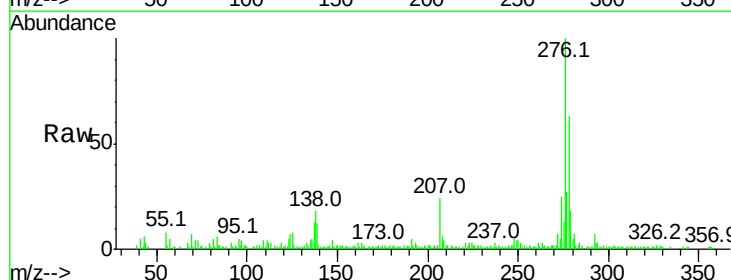
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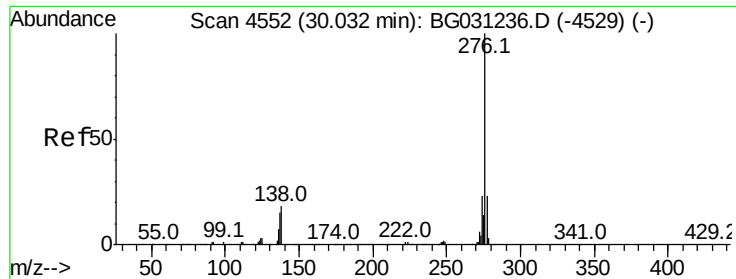
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#29
 Dibenzo(a,h)anthracene
 Concen: 2.536 ng/ul
 RT: 28.88 min Scan# 4356
 Delta R.T. -0.01 min
 Lab File: BG031248.D
 Acq: 28 Nov 2017 3:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.0	14.0	21.0
279	28.5	20.6	31.0





#30

Benzo(a,h,i)perylene

Concen: 7.682 ng/ul

RT: 30.02 min Scan# 4550

Delta R.T. -0.01 min

Lab File: BG031248.D

Acq: 28 Nov 2017 3:05

Instrument :

BNA_G

ClientSampleId :

B0GB4

Tot Ion:	276	Resp:	227024
Ion Ratio	Lower	Upper	
276	100		
138	16.4	19.0	28.4#
277	24.8	19.7	29.5

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