

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031239.D
 Acq On : 27 Nov 2017 21:30
 Operator : SJ/JU
 Sample : I6506-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G87

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

Quant Time: Nov 28 07:31:33 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	56103	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	254764	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	168024	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	425702	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	473443	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	470515	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	139945	29.11	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	583254	33.38	ng/ul	0.00
10) Fluorene-d10	15.74	176	441321	31.44	ng/ul	0.00
15) Anthracene-d10	17.59	188	685259	32.16	ng/ul	0.00
19) Pyrene-d10	19.87	212	801548	37.06	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	781430	33.57	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	158645	6.944	ng/ul	98
16) Anthracene	17.63	178	29435	1.269	ng/ul	95
17) Fluoranthene	19.53	202	399838	12.576	ng/ul#	92
20) Pyrene	19.90	202	356984	14.207	ng/ul#	89
21) Benzo(a)anthracene	21.74	228	246121	8.533	ng/ul	98
22) Chrysene	21.81	228	242486	8.838	ng/ul	98
24) Benzo(b)fluoranthene	24.01	252	319579	11.242	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	103728m	3.704	ng/ul	
27) Benzo(a)pyrene	24.90	252	210693m	7.732	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.83	276	156831	5.050	ng/ul#	92
29) Dibenzo(a,h)anthracene	28.86	278	68527m	2.665	ng/ul	
30) Benzo(a,h,i)perylene	30.02	276	142531	5.512	ng/ul#	92

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

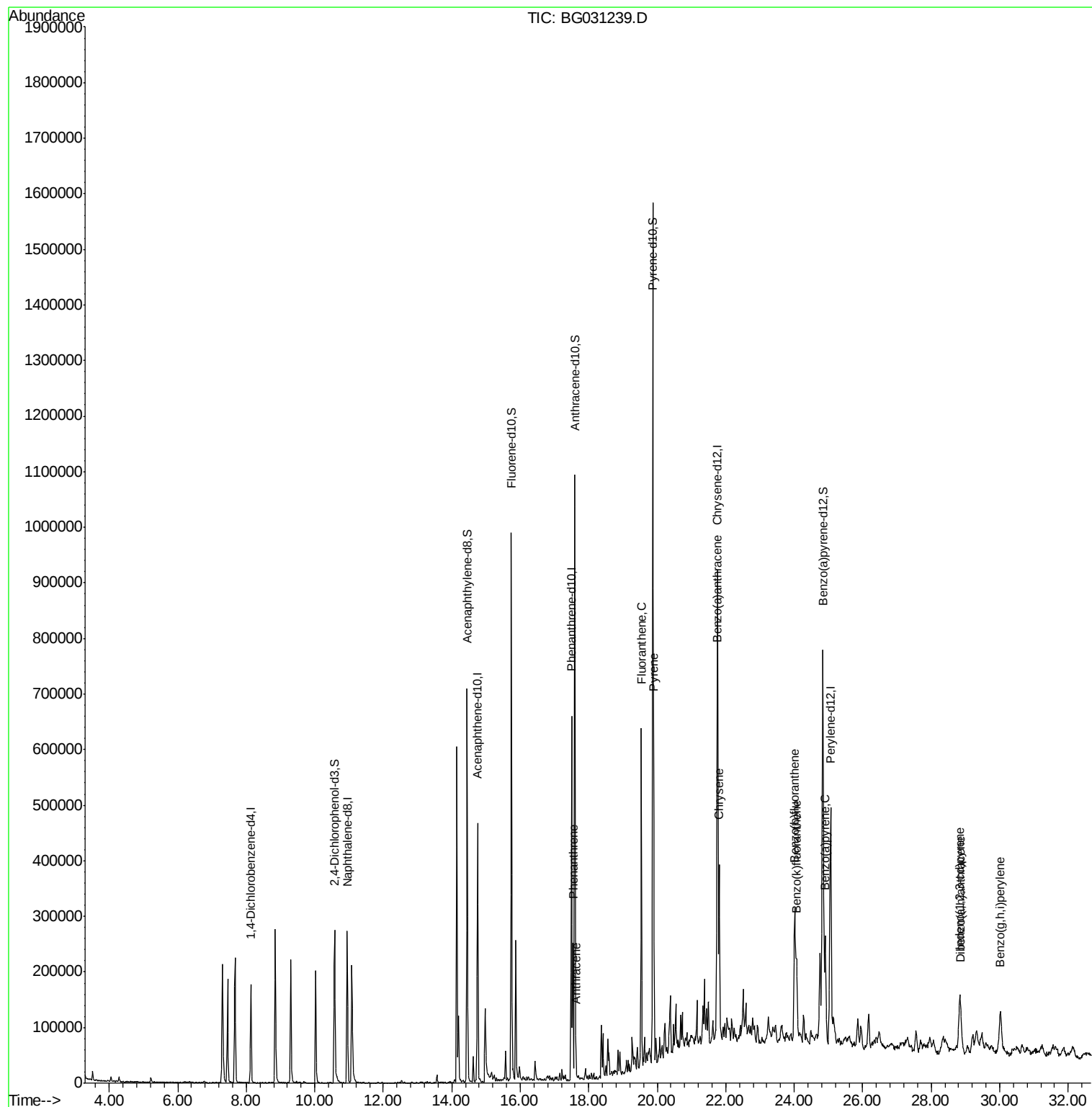
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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ALS Vial : 18 Sample Multiplier: 1

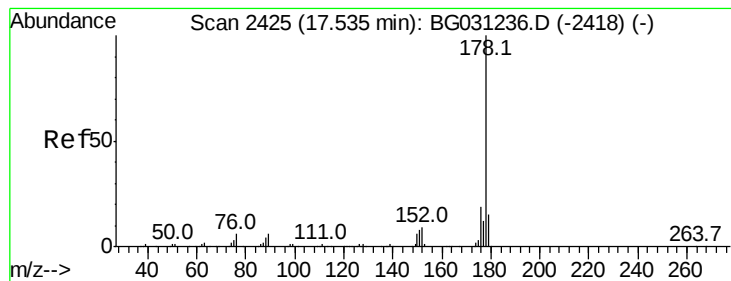
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
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Response via : Initial Calibration





#14

Phenanthrene

Concen: 6.944 ng/ul

RT: 17.54 min Scan# 2425

Delta R.T. 0.00 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Instrument :

BNA_G

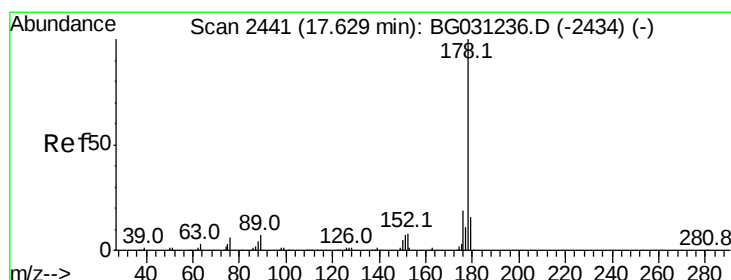
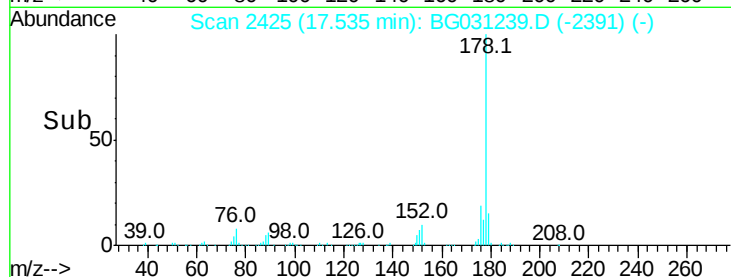
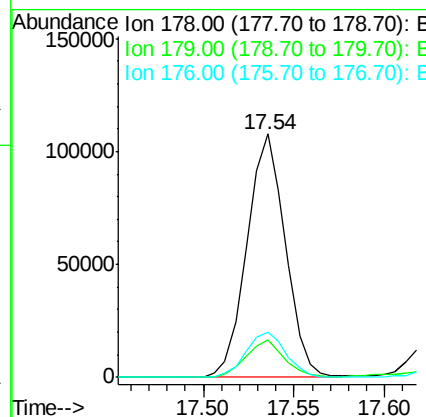
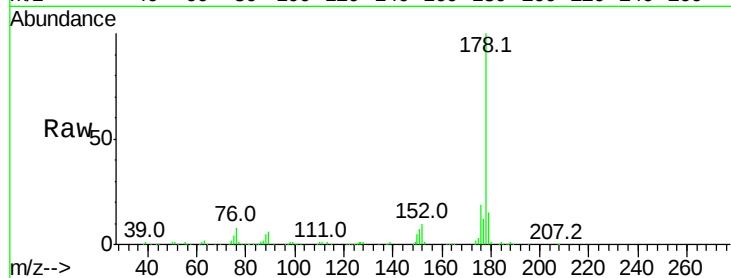
ClientSampled :

B0G87

Tot Ion:	178	Resp:	158645
Ion Ratio	Lower	Upper	
178	100		
179	15.2	12.2	18.4
176	18.8	16.4	24.6

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#16

Anthracene

Concen: 1.269 ng/ul

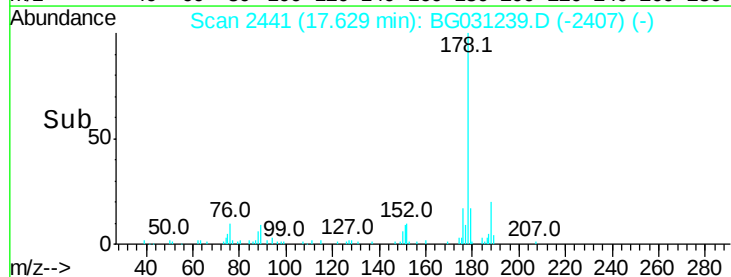
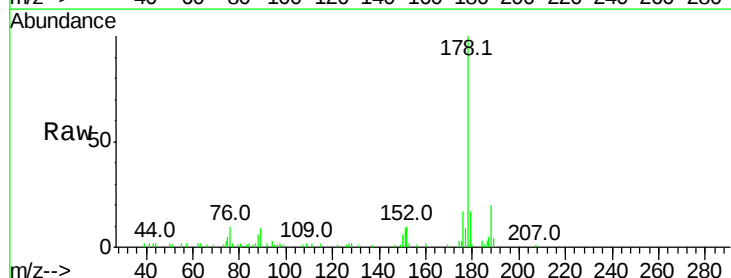
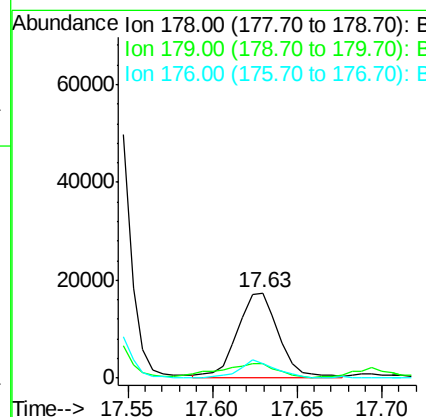
RT: 17.63 min Scan# 2441

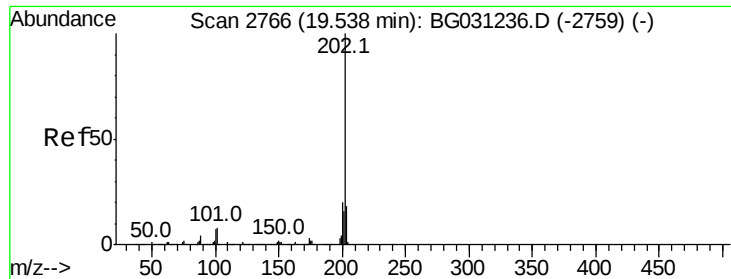
Delta R.T. 0.00 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Tgt Ion:	178	Resp:	29435
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.7	19.1
176	16.5	15.8	23.8





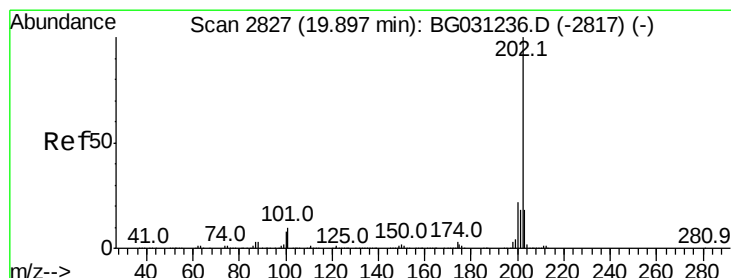
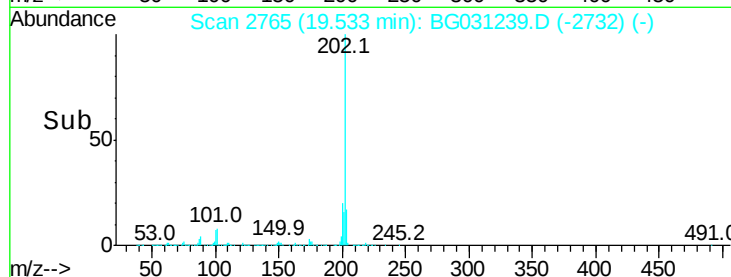
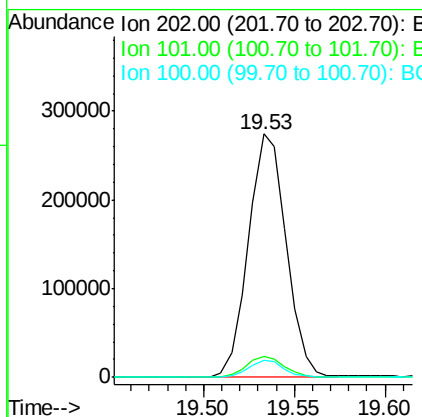
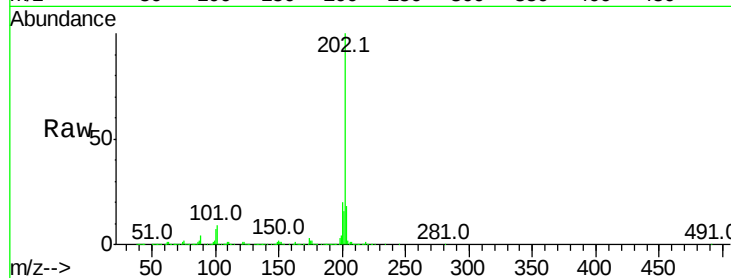
#17
Fluoranthene
Concen: 12.576 ng/ul
RT: 19.53 min Scan# 2765
Delta R.T. -0.01 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Instrument :
BNA_G
ClientSampled :
B0G87

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	9.8	14.8#
100	7.2	7.5	11.3#

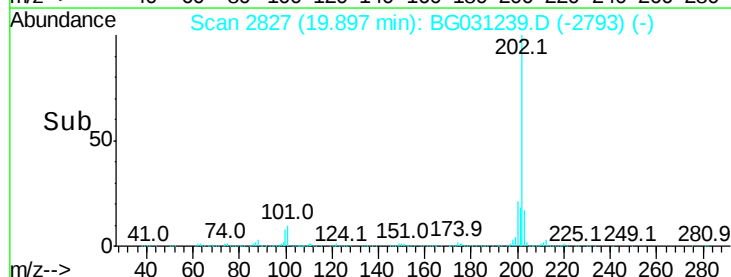
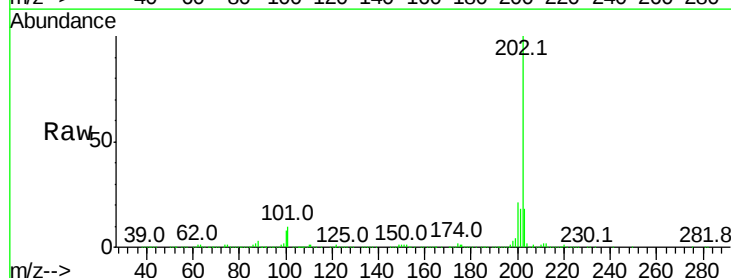
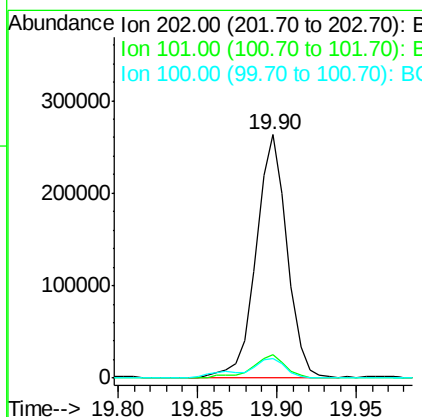
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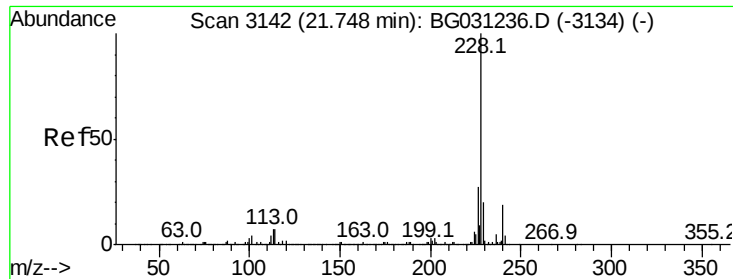
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#20
Pyrene
Concen: 14.207 ng/ul
RT: 19.90 min Scan# 2827
Delta R.T. 0.00 min
Lab File: BG031239.D
Acq: 27 Nov 2017 21:30

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.7	11.2	16.8#
100	8.2	9.8	14.6#





#21

Benzo(a)anthracene

Concen: 8.533 ng/ul

RT: 21.74 min Scan# 3141

Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Instrument :

BNA_G

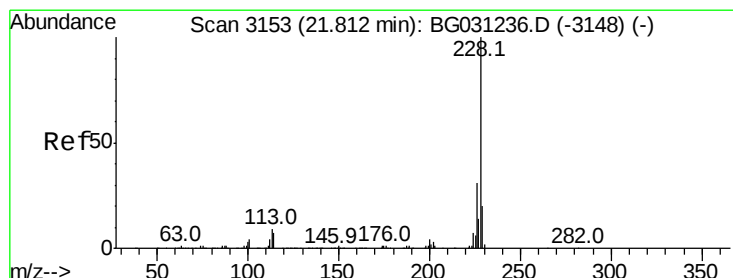
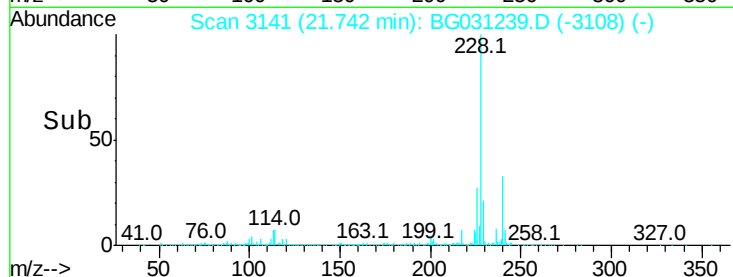
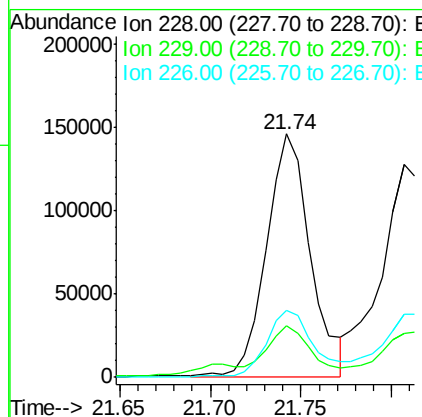
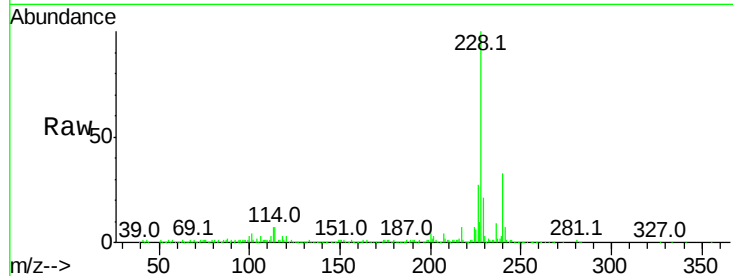
ClientSampleId :

B0G87

Tot Ion:	228	Resp:	246121
Ion Ratio	Lower	Upper	
228	100		
229	21.4	15.9	23.9
226	27.3	22.1	33.1

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#22

Chrysene

Concen: 8.838 ng/ul

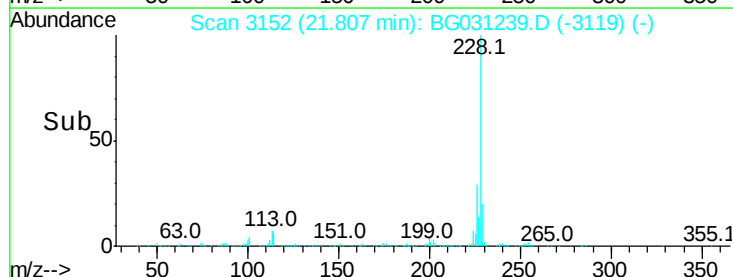
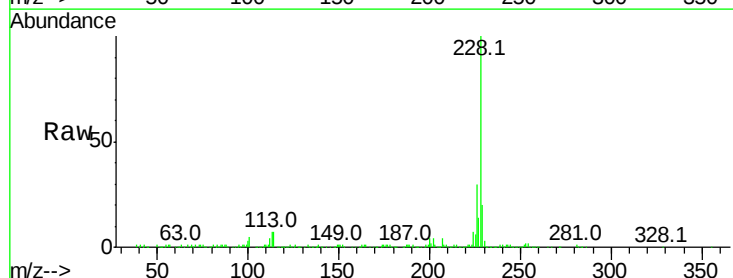
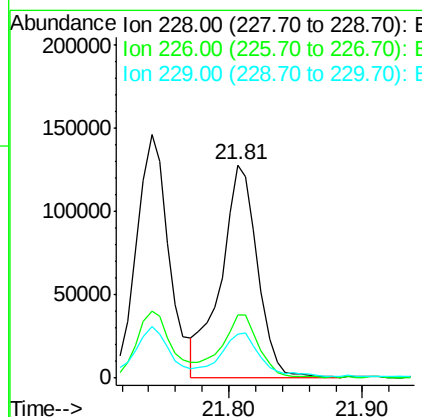
RT: 21.81 min Scan# 3152

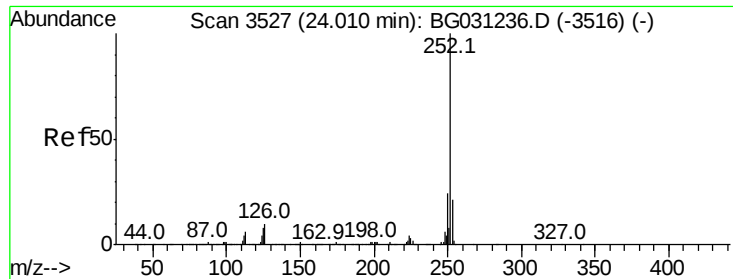
Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Tgt Ion:	228	Resp:	242486
Ion Ratio	Lower	Upper	
228	100		
226	29.6	25.0	37.6
229	20.5	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 11.242 ng/ul

RT: 24.01 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Instrument :

BNA_G

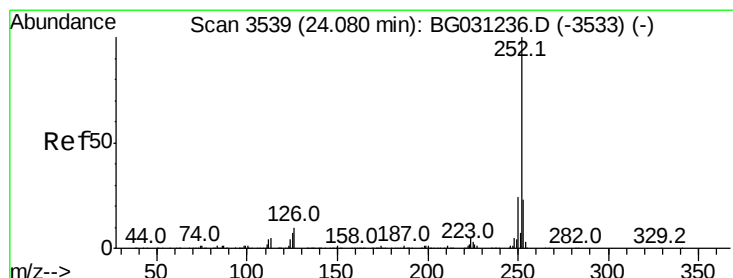
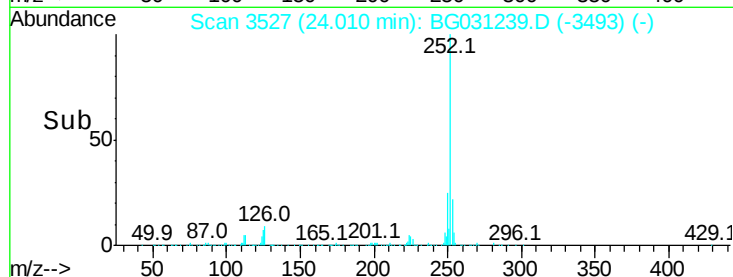
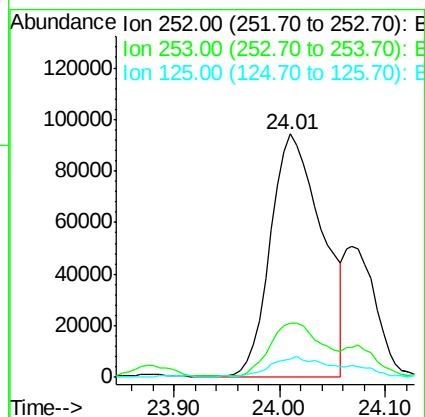
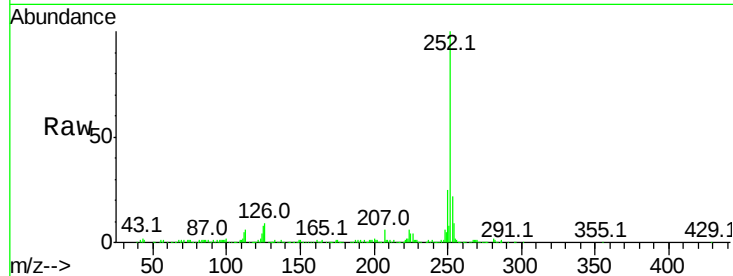
ClientSampled :

B0G87

Tot Ion:	252	Resp:	319579
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	7.8	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 3.704 ng/ul m

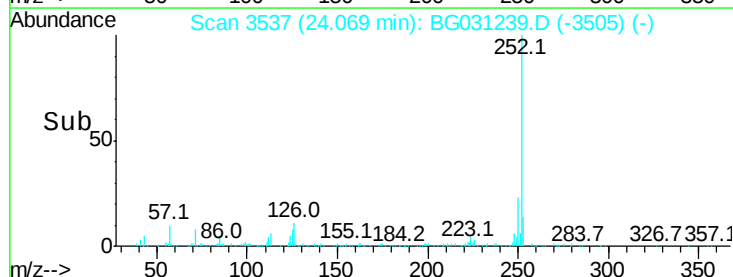
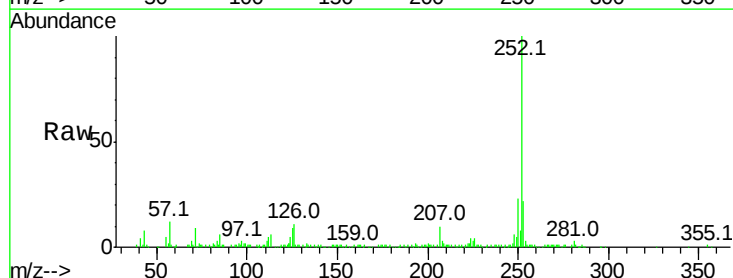
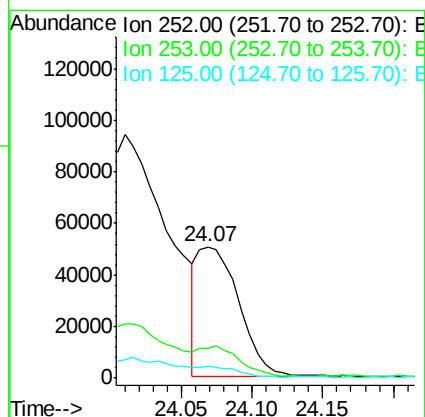
RT: 24.07 min Scan# 3537

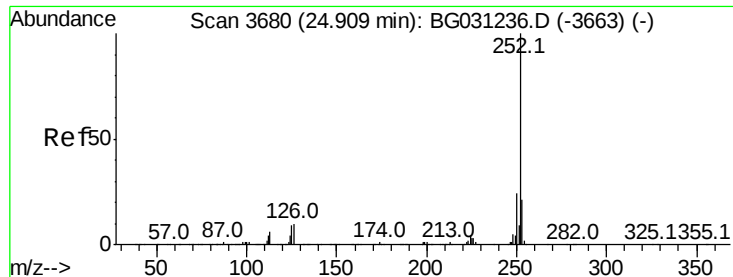
Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Tgt Ion:	252	Resp:	103728
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.4	26.2
125	8.8	8.8	13.2





#27

Benzo(a)pyrene

Concen: 7.732 ng/ul m

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Instrument :

BNA_G

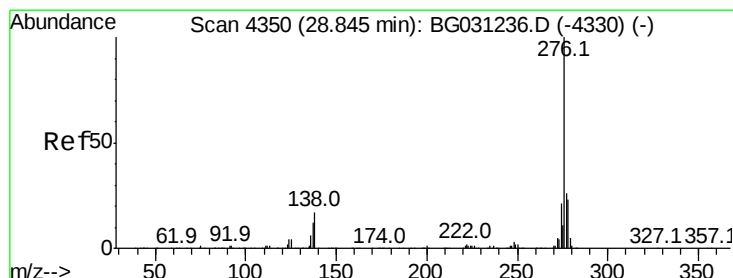
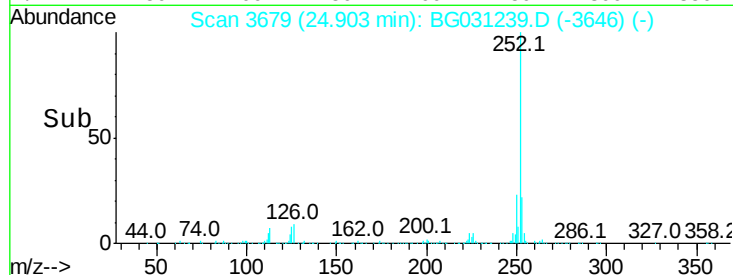
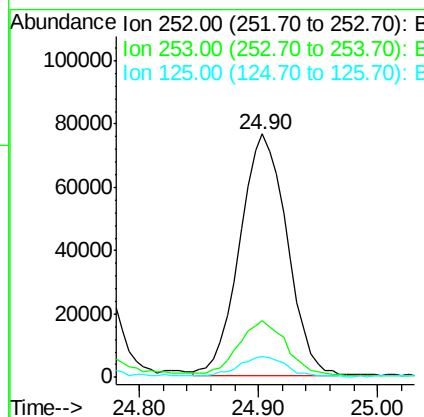
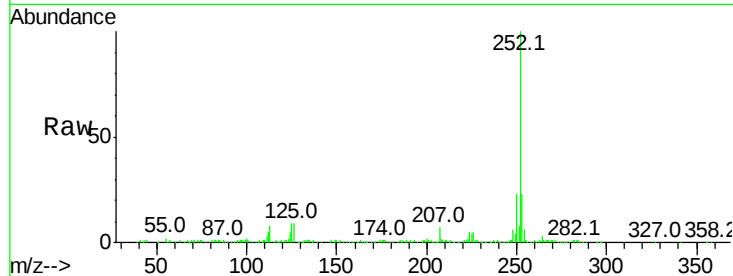
ClientSampled :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	8.7	9.4	14.2#

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#28

Indeno(1,2,3-cd)pyrene

Concen: 5.050 ng/ul

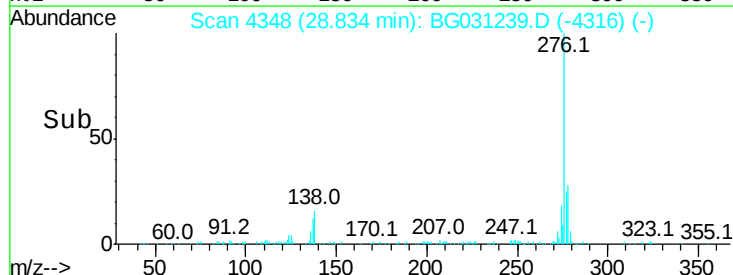
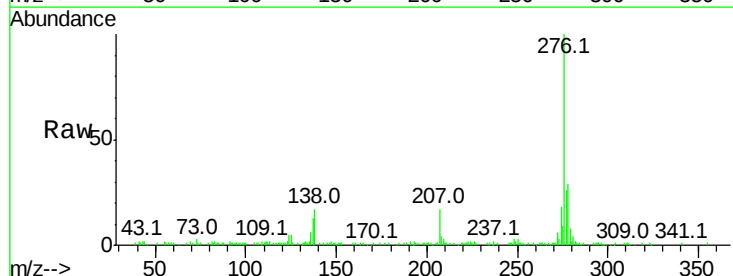
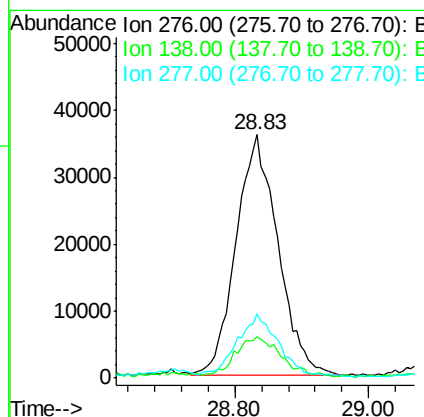
RT: 28.83 min Scan# 4348

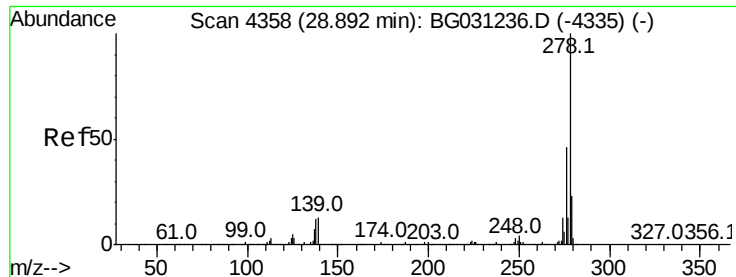
Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.8	17.8	26.6#
277	26.4	19.4	29.0





#29

Dibenzo(a,h)anthracene

Concen: 2.665 ng/ul m

RT: 28.86 min Scan# 4353

Delta R.T. -0.03 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Instrument :

BNA_G

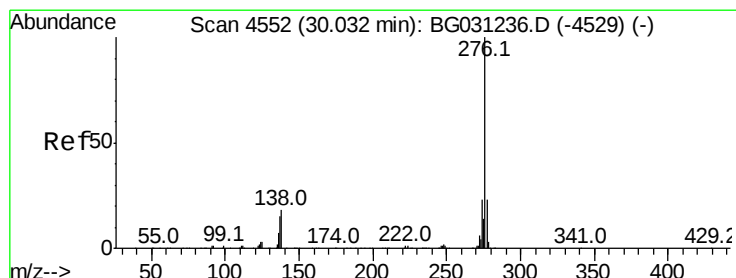
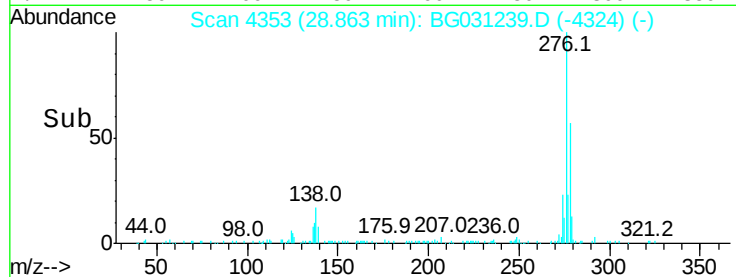
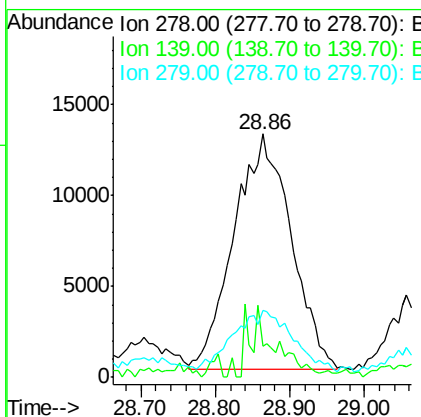
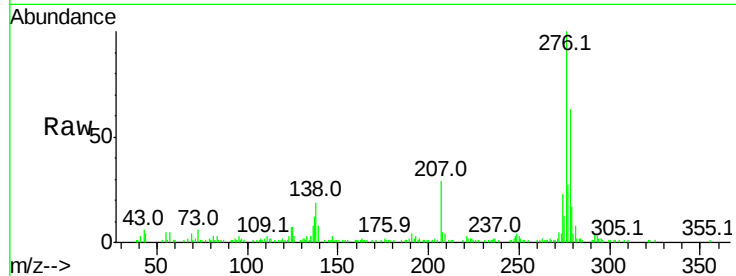
ClientSampled :

B0G87

Tot Ion:	278	Resp:	68527
Ion Ratio	Lower	Upper	
278	100		
139	12.9	14.0	21.0#
279	27.3	20.6	31.0

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#30

Benzo(g,h,i)perylene

Concen: 5.512 ng/ul

RT: 30.02 min Scan# 4550

Delta R.T. -0.01 min

Lab File: BG031239.D

Acq: 27 Nov 2017 21:30

Tgt Ion:	276	Resp:	142531
Ion Ratio	Lower	Upper	
276	100		
138	16.0	19.0	28.4#
277	24.1	19.7	29.5

