

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
 Data File : BG031232.D
 Acq On : 27 Nov 2017 17:08
 Operator : SJ/JU
 Sample : I6506-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0G69

Manual Integrations
 APPROVED

Sohil
 11/28/2017 3:08:16 PM

Quant Time: Nov 28 07:09:41 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 28 04:50:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	41258	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	184942	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.75	164	132424	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	379715	20.00	ng/ul	0.00
18) Chrysene-d12	21.76	240	486885	20.00	ng/ul	0.00
23) Perylene-d12	25.06	264	467628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	73719	21.13	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	355950	25.85	ng/ul	0.00
10) Fluorene-d10	15.74	176	282369	25.53	ng/ul	0.00
15) Anthracene-d10	17.59	188	491685	25.87	ng/ul	0.00
19) Pyrene-d10	19.87	212	644881	28.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.83	264	609776	26.36	ng/ul	-0.01
Target Compounds						
14) Phenanthrene	17.54	178	90994	4.465	ng/ul	98
16) Anthracene	17.63	178	26902	1.300	ng/ul	98
17) Fluoranthene	19.53	202	252753	8.913	ng/ul#	92
20) Pyrene	19.90	202	222006	8.591	ng/ul#	89
21) Benzo(a)anthracene	21.74	228	154548	5.210	ng/ul	98
22) Chrysene	21.81	228	126011	4.466	ng/ul	99
24) Benzo(b)fluoranthene	24.01	252	157352	5.569	ng/ul#	96
25) Benzo(k)fluoranthene	24.07	252	46229	1.661	ng/ul#	97
27) Benzo(a)pyrene	24.90	252	107605m	3.974	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.83	276	59320	1.922	ng/ul#	88
30) Benzo(g,h,i)perylene	30.02	276	47334m	1.842	ng/ul	

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

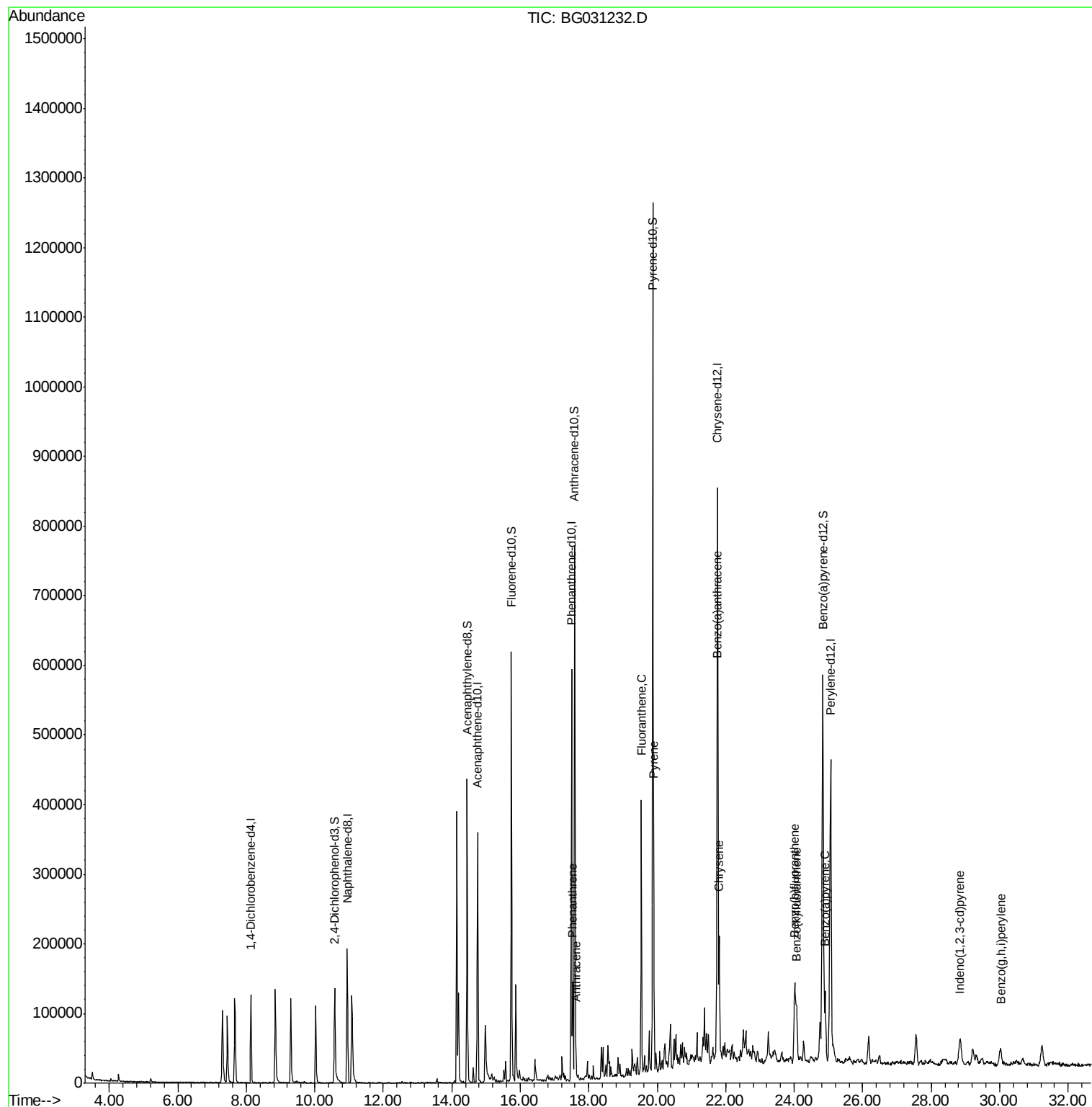
Data Path : Z:\HPCHEM1\BNA G\DATA\BG112717\
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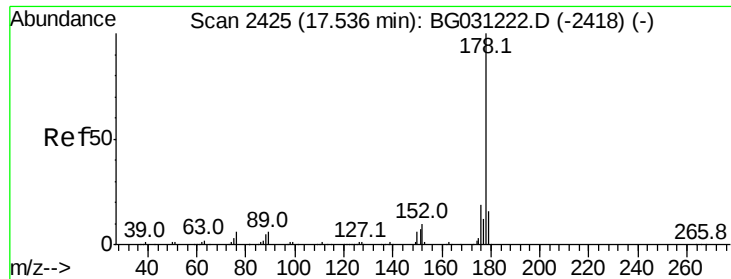
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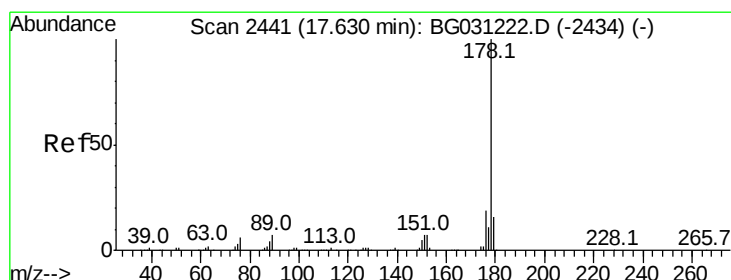
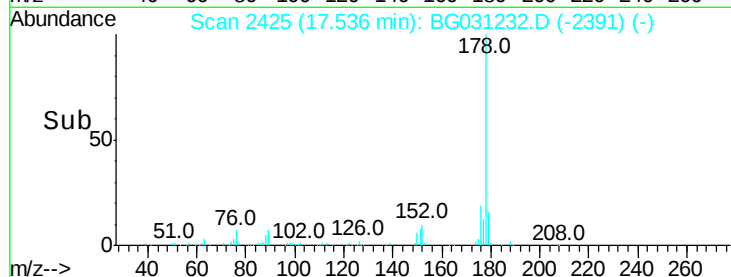
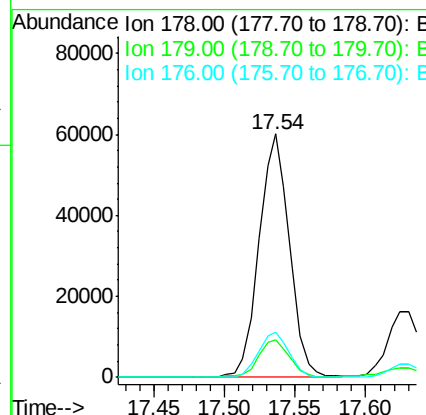
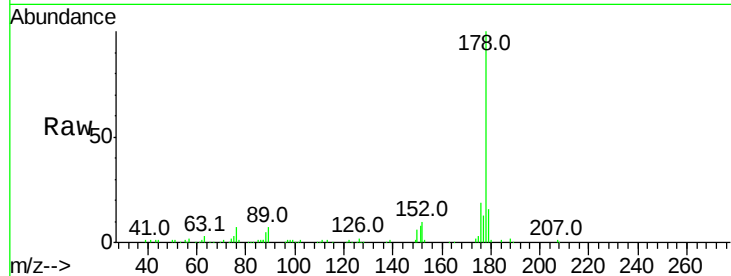
#14
Phenanthrene
Concen: 4.465 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Instrument :
BNA_G
ClientSampleId :
B0G69

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.8	16.4	24.6

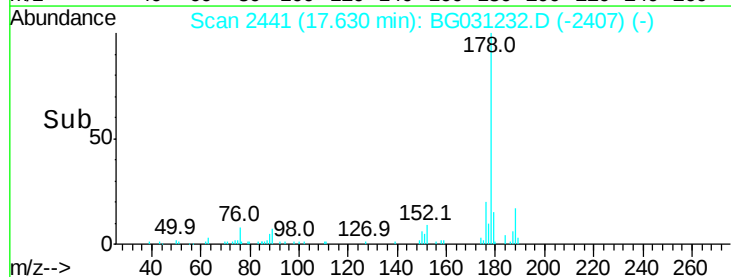
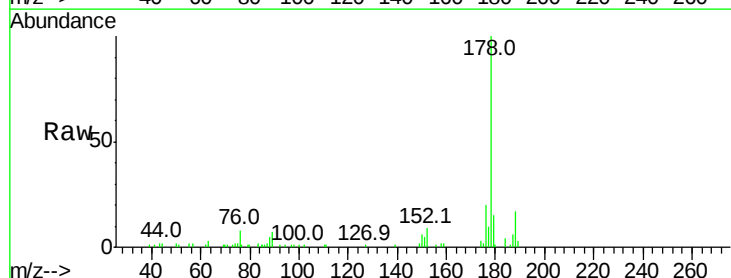
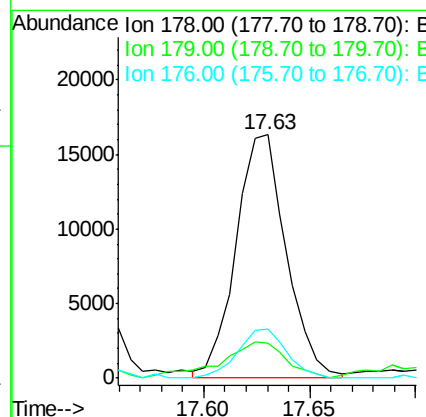
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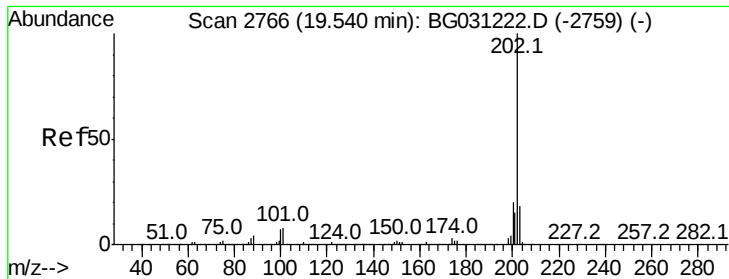
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#16
Anthracene
Concen: 1.300 ng/ul
RT: 17.63 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.7	19.1
176	20.0	15.8	23.8





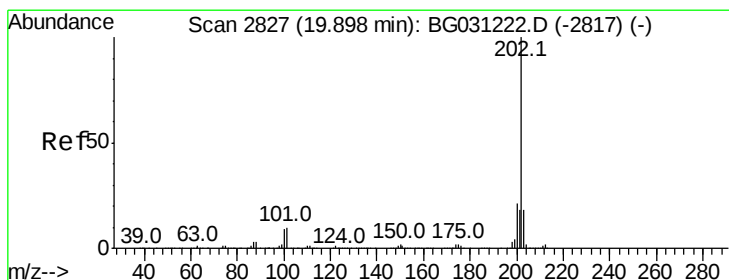
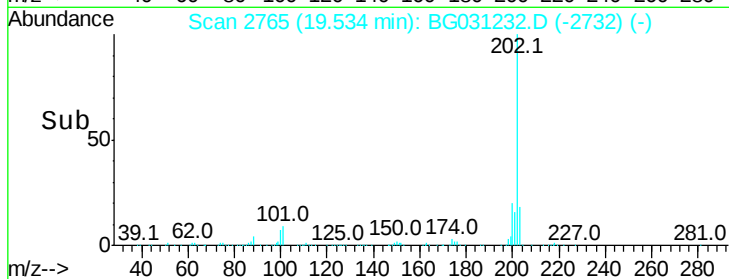
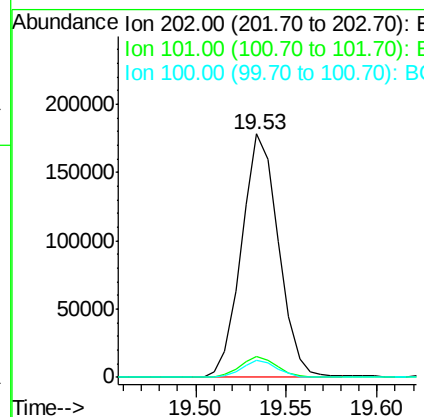
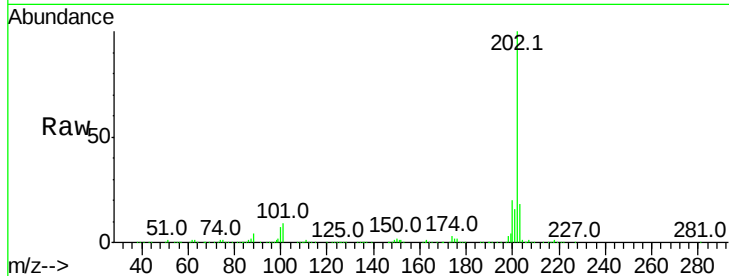
#17
 Fluoranthene
 Concen: 8.913 ng/ul
 RT: 19.53 min Scan# 2765
 Delta R.T. -0.01 min
 Lab File: BG031232.D
 Acq: 27 Nov 2017 17:08

Instrument :
 BNA_G
 ClientSampled :
 B0G69

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.8	9.8	14.8#
100	7.1	7.5	11.3#

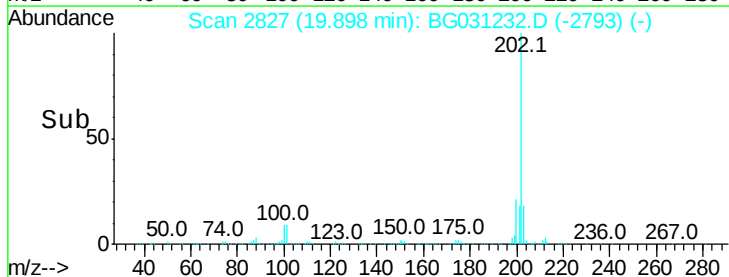
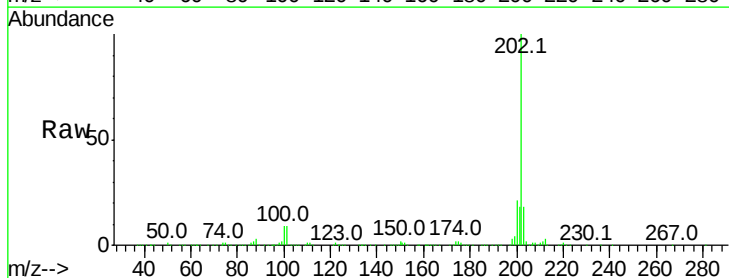
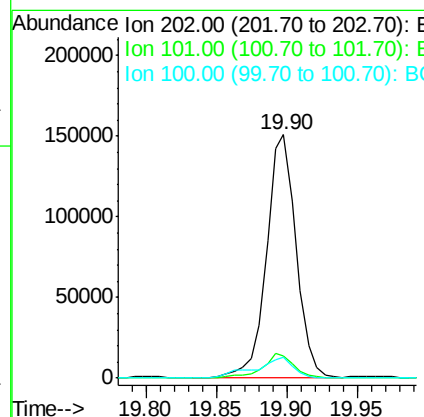
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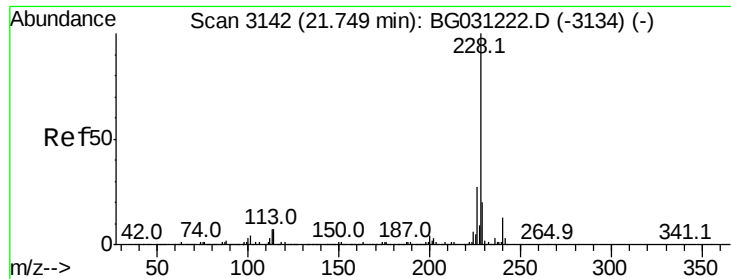
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#20
 Pyrene
 Concen: 8.591 ng/ul
 RT: 19.90 min Scan# 2827
 Delta R.T. -0.00 min
 Lab File: BG031232.D
 Acq: 27 Nov 2017 17:08

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.2	11.2	16.8#
100	8.5	9.8	14.6#





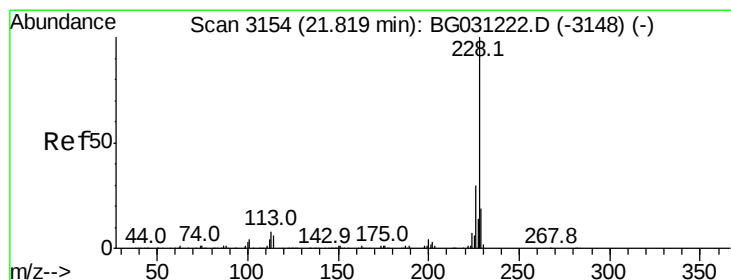
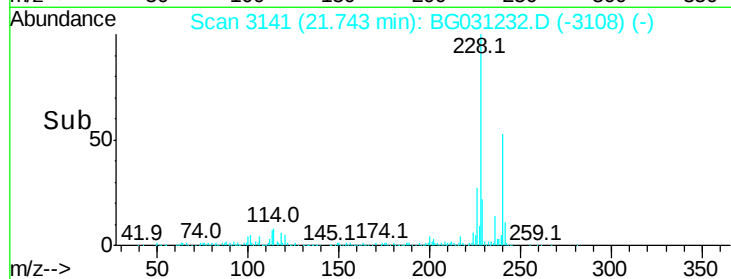
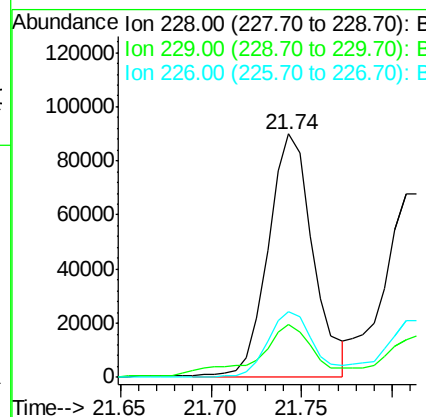
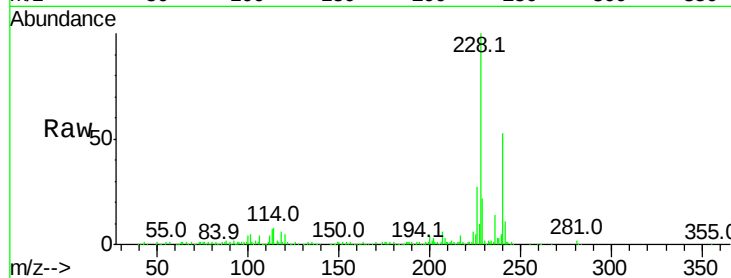
#21
Benzo(a)anthracene
Concen: 5.210 ng/ul
RT: 21.74 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Instrument :
BNA_G
ClientSampleId :
B0G69

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.9	23.9
226	27.1	22.1	33.1

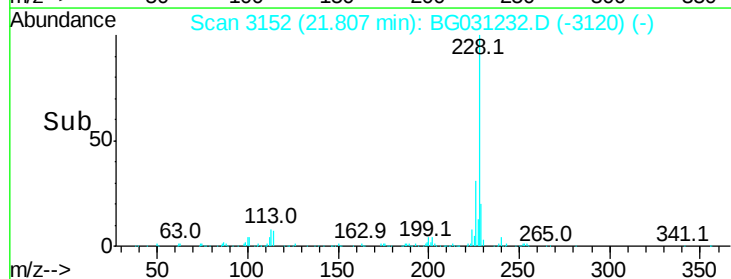
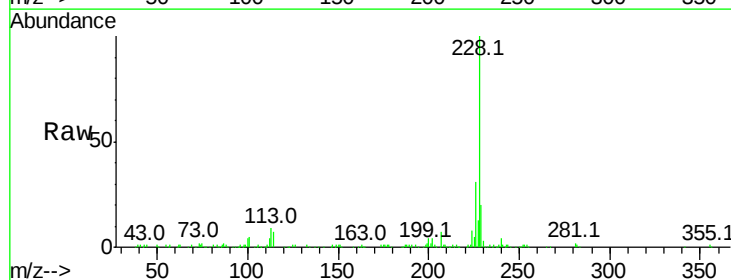
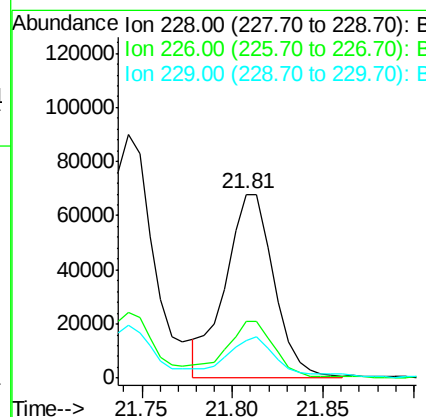
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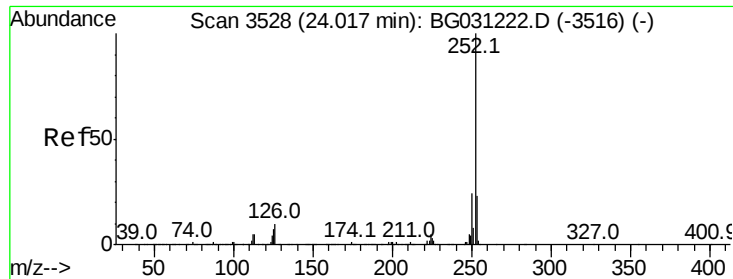
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#22
Chrysene
Concen: 4.466 ng/ul
RT: 21.81 min Scan# 3152
Delta R.T. -0.01 min
Lab File: BG031232.D
Acq: 27 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.3	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 5.569 ng/ul

RT: 24.01 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

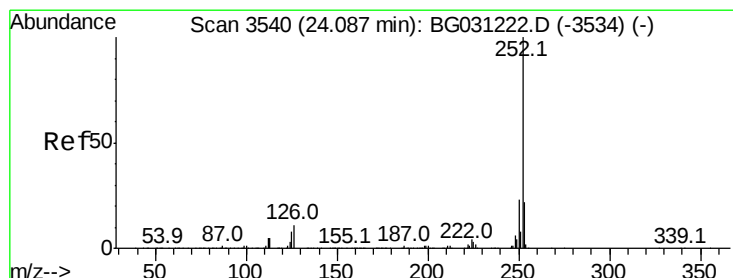
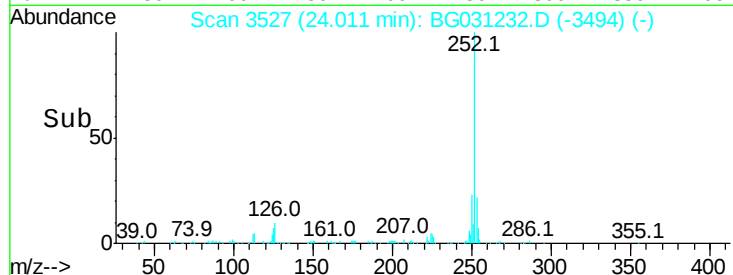
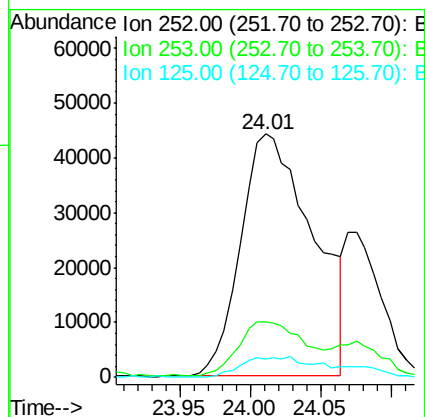
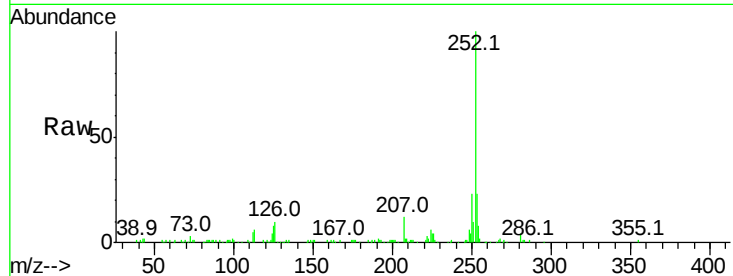
ClientSampleId :

B0G69

Tot Ion:	252	Resp:	157352
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	7.6	9.4	14.0#

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#25

Benzo(k)fluoranthene

Concen: 1.661 ng/ul

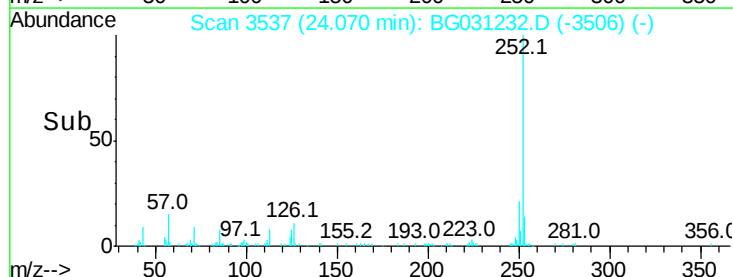
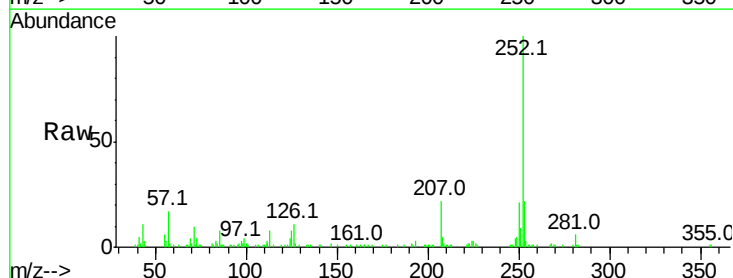
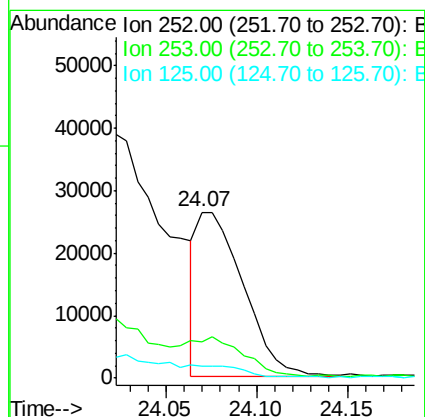
RT: 24.07 min Scan# 3537

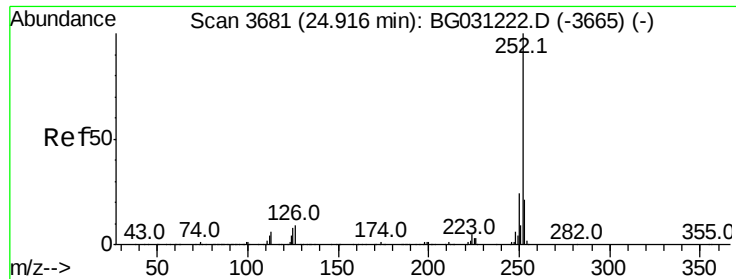
Delta R.T. -0.02 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Tgt Ion:	252	Resp:	46229
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	7.6	8.8	13.2#





#27

Benzo(a)pyrene

Concen: 3.974 ng/ul m

RT: 24.90 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

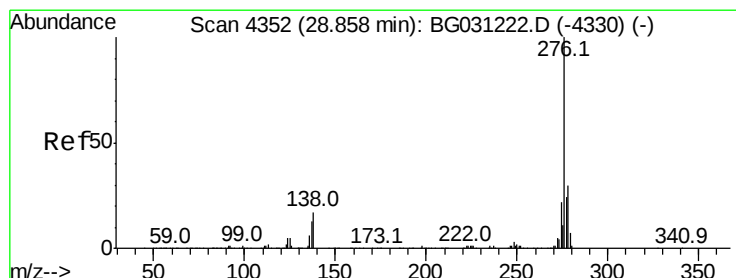
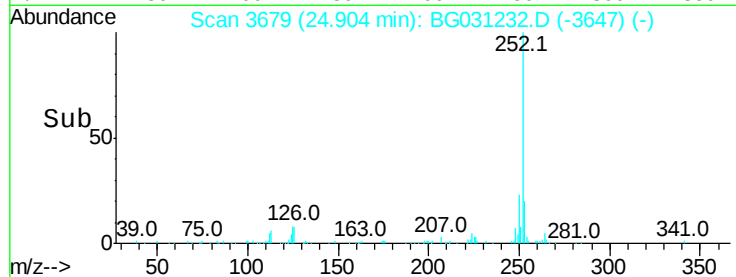
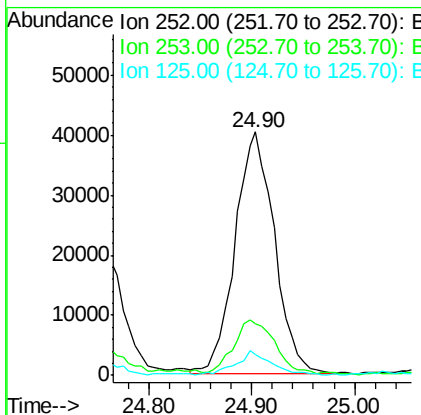
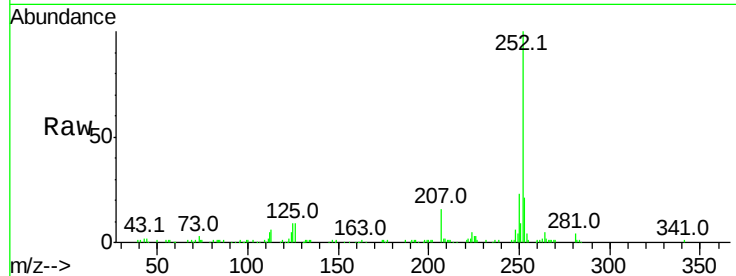
ClientSampled :

B0G69

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.1	25.7
125	8.7	9.4	14.2#

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#28

Indeno(1,2,3-cd)pyrene

Concen: 1.922 ng/ul

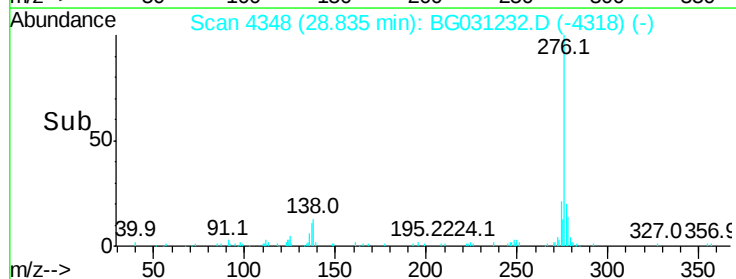
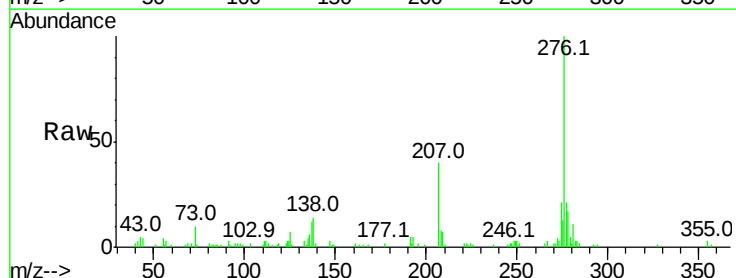
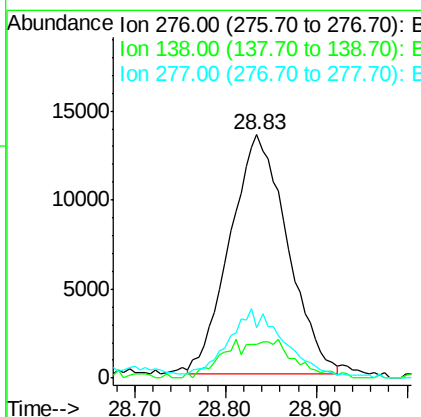
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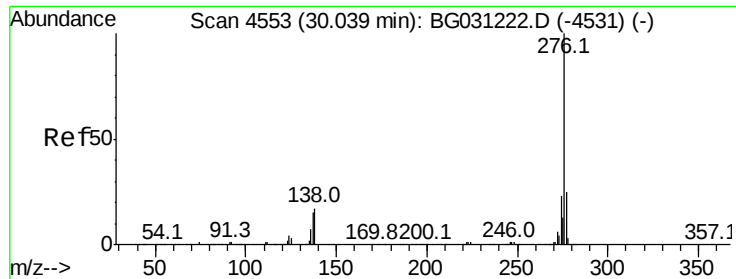
Delta R.T. -0.02 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	17.8	26.6#
277	20.5	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 1.842 ng/ul m

RT: 30.02 min Scan# 4550

Delta R.T. -0.02 min

Lab File: BG031232.D

Acq: 27 Nov 2017 17:08

Instrument :

BNA_G

ClientSampleId :

B0G69

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	19.0	28.4#
277	24.1	19.7	29.5

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