

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
 Data File : BG031104.D
 Acq On : 18 Nov 2017 4:49
 Operator : SJ/JU
 Sample : I6431-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B0FM8

Manual Integrations
 APPROVED

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 11/20/2017 4:45:45 PM

Quant Time: Nov 18 05:43:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 18 01:20:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	39543	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	180094	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	132599	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.49	188	372974	20.00	ng/ul	0.00
18) Chrysene-d12	21.77	240	409803	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	400587	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	49905	14.69	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	241896	17.54	ng/ul	0.00
10) Fluorene-d10	15.74	176	195909	17.69	ng/ul	0.00
15) Anthracene-d10	17.59	188	330899	17.72	ng/ul	0.00
19) Pyrene-d10	19.87	212	411745	21.99	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.84	264	371674	18.75	ng/ul	0.00
Target Compounds				Qvalue		
14) Phenanthrene	17.54	178	71648	3.579	ng/ul	98
17) Fluoranthene	19.54	202	124200	4.459	ng/ul#	87
20) Pyrene	19.90	202	130955	6.021	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	66410	2.660	ng/ul	95
22) Chrysene	21.81	228	68563	2.887	ng/ul	97
24) Benzo(b)fluoranthene	24.02	252	63438	2.621	ng/ul#	96
27) Benzo(a)pyrene	24.92	252	47691m	2.056	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	29004m	1.097	ng/ul	
30) Benzo(g,h,i)perylene	30.02	276	24461m	1.111	ng/ul	

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

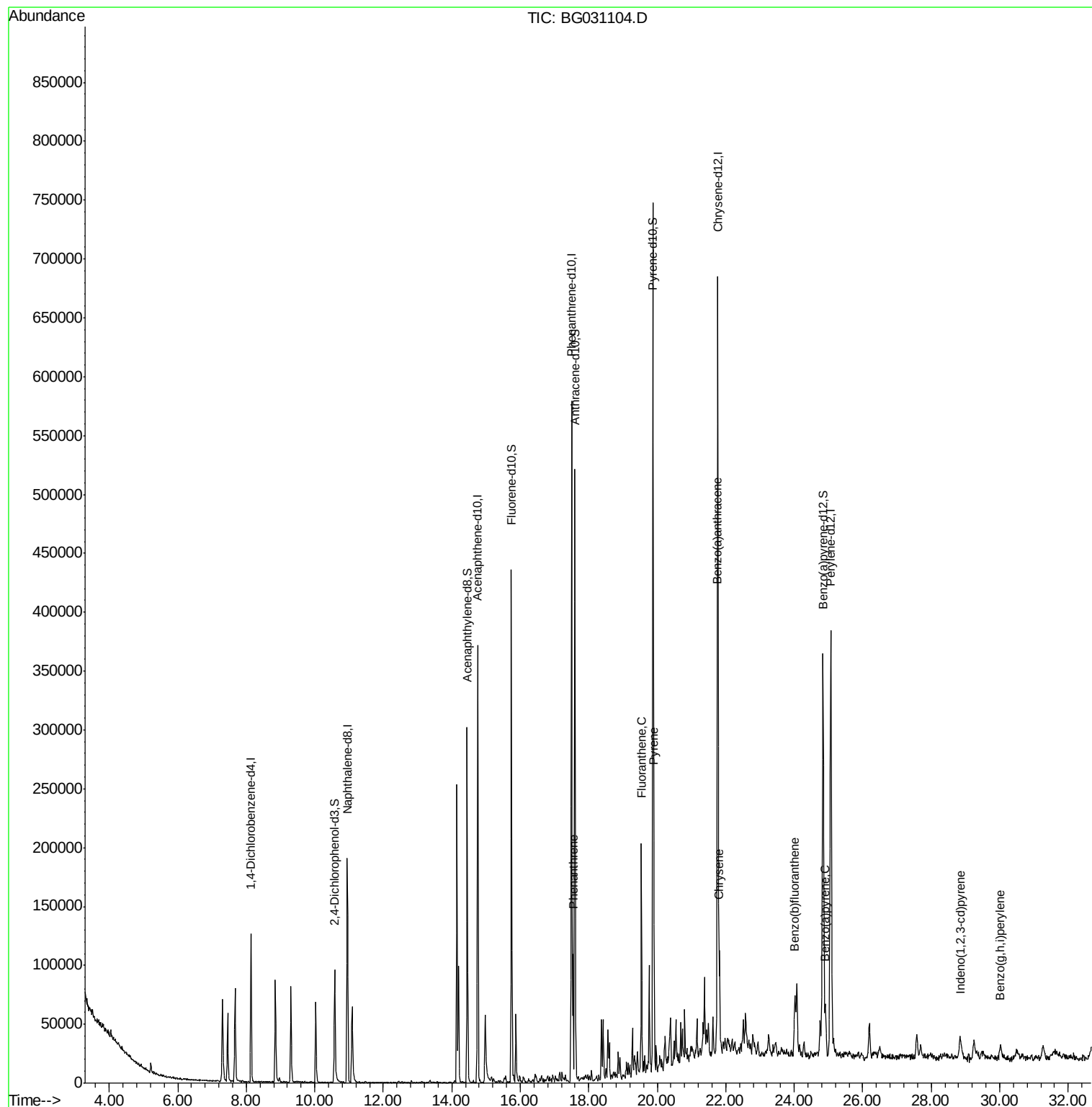
Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
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Misc :
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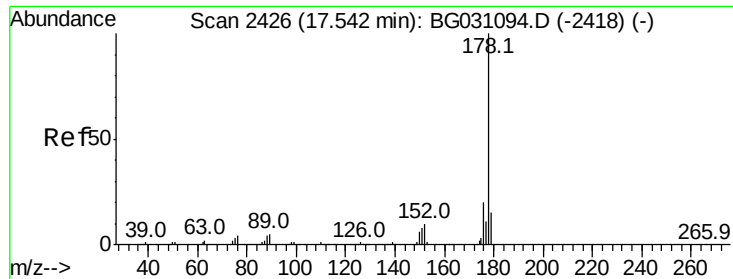
Instrument :
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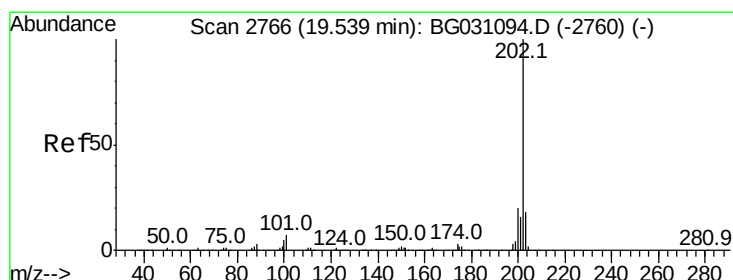
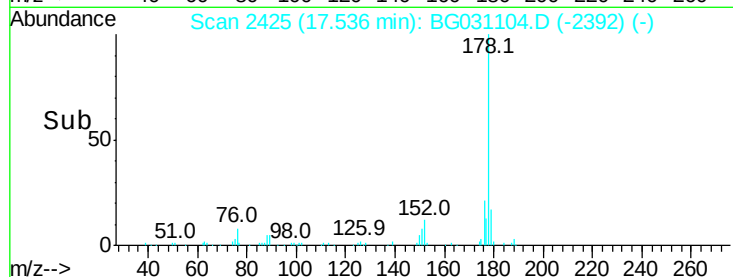
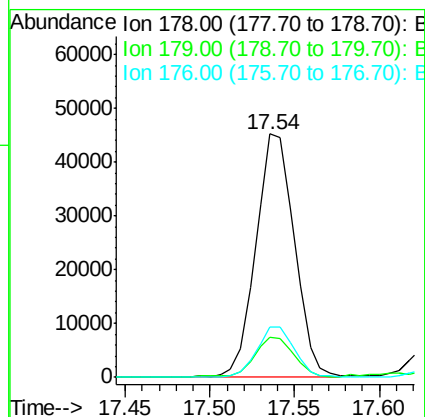
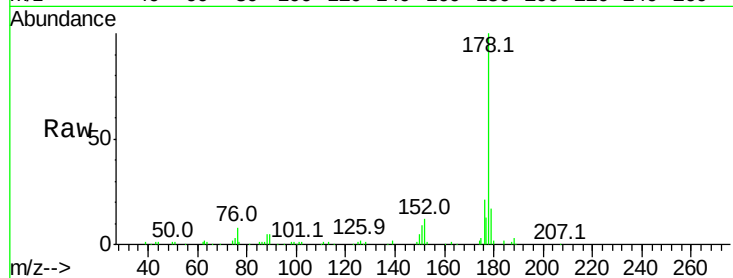
#14
Phenanthrene
Concen: 3.579 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.01 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

Instrument :
BNA_G
ClientSampleId :
B0FM8

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	20.7	16.4	24.6

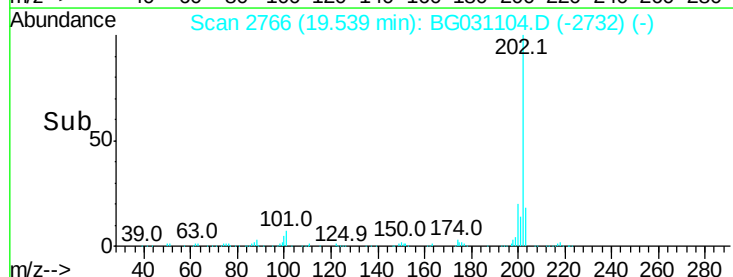
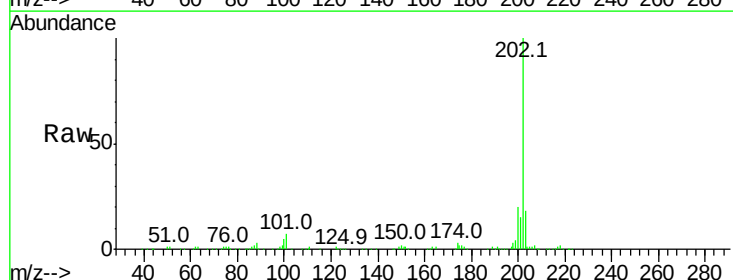
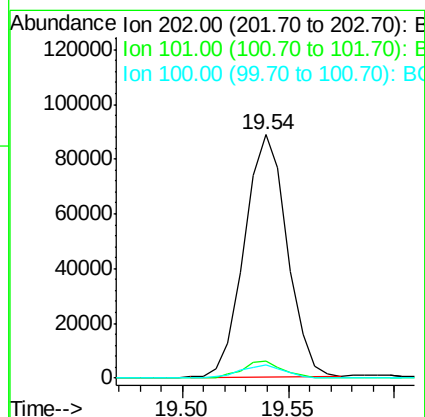
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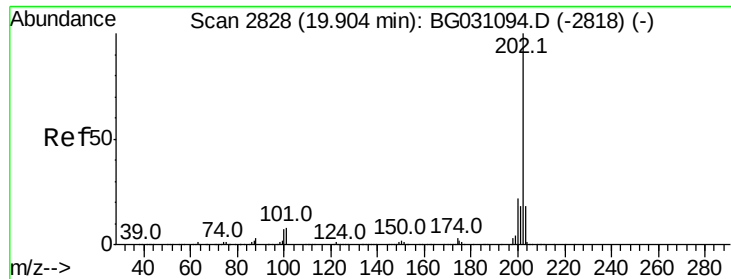
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#17
Fluoranthene
Concen: 4.459 ng/ul
RT: 19.54 min Scan# 2766
Delta R.T. -0.00 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	6.8	9.8	14.8#
100	5.2	7.5	11.3#





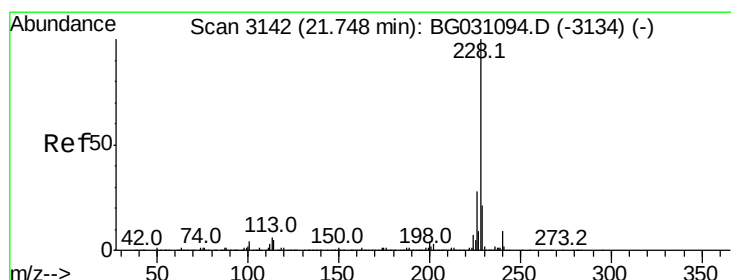
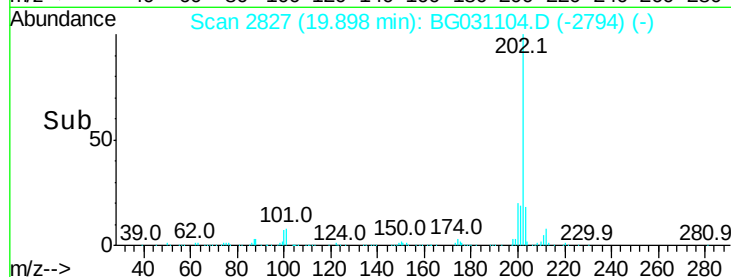
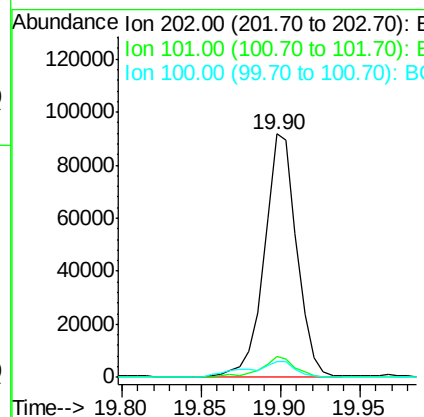
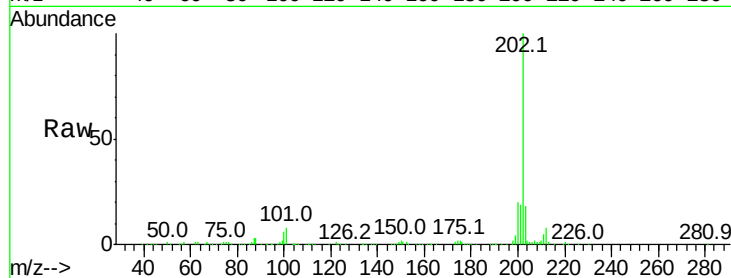
#20
 Pvrene
 Concen: 6.021 ng/ul
 RT: 19.90 min Scan# 2827
 Delta R.T. -0.01 min
 Lab File: BG031104.D
 Acq: 18 Nov 2017 4:49

Instrument :
 BNA_G
 ClientSampleId :
 B0FM8

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	11.2	16.8#
100	6.5	9.8	14.6#

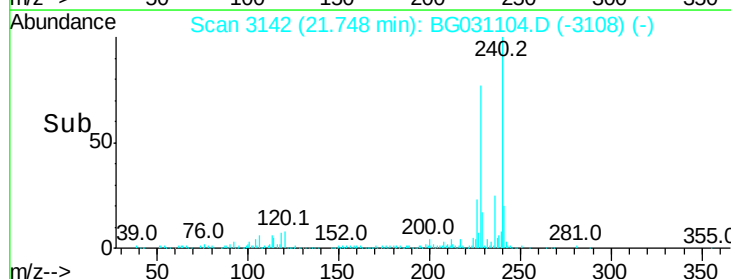
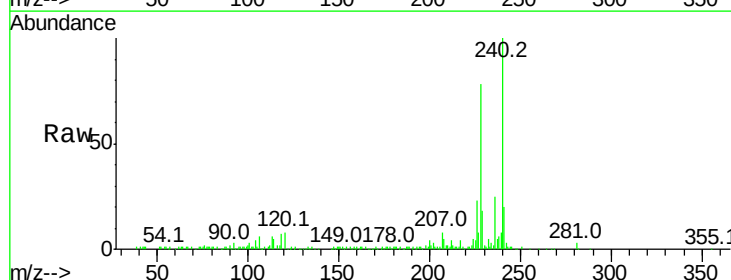
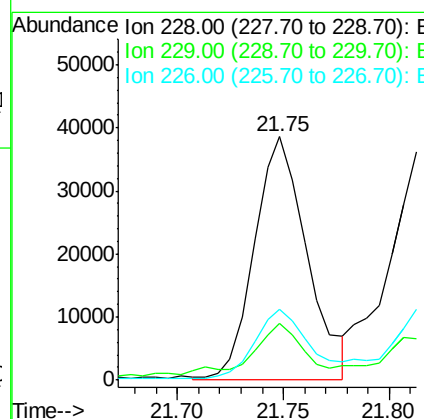
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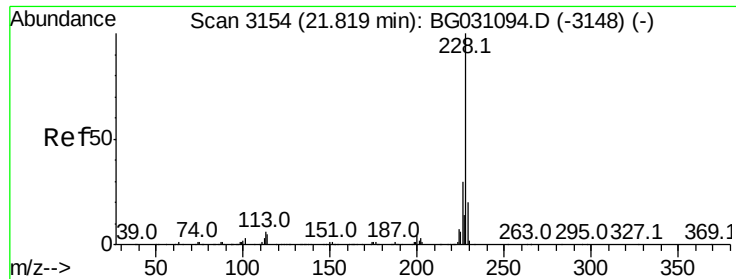
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#21
 Benzo(a)anthracene
 Concen: 2.660 ng/ul
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG031104.D
 Acq: 18 Nov 2017 4:49

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.2	15.9	23.9
226	29.3	22.1	33.1





#22

Chrysene

Concen: 2.887 ng/ul

RT: 21.81 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

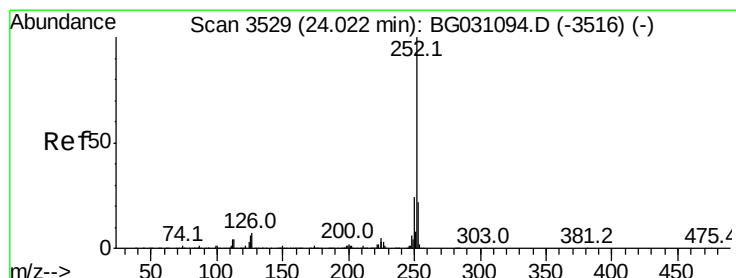
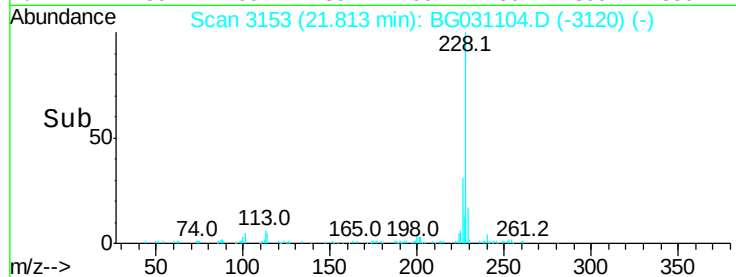
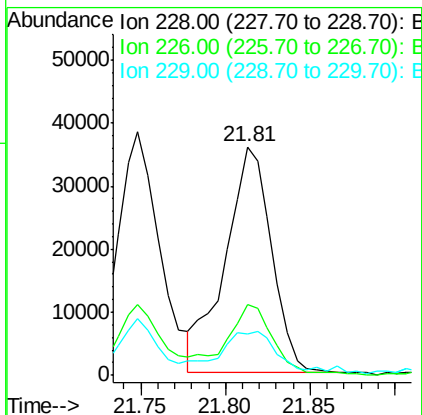
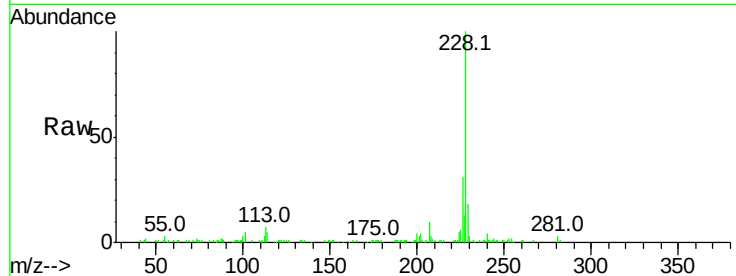
ClientSampled :

B0FM8

Tot Ion:	228	Resp:	68563
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	18.2	16.6	25.0

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#24

Benzo(b)fluoranthene

Concen: 2.621 ng/ul

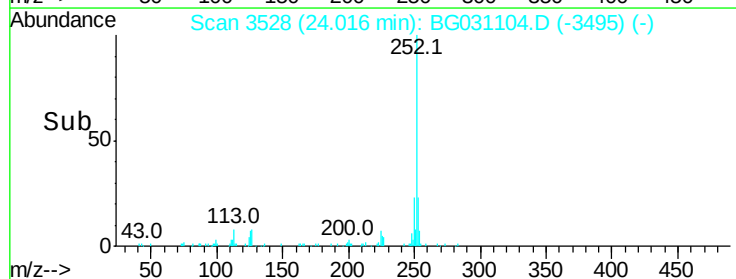
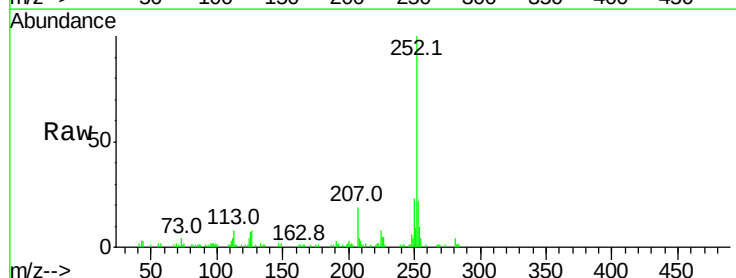
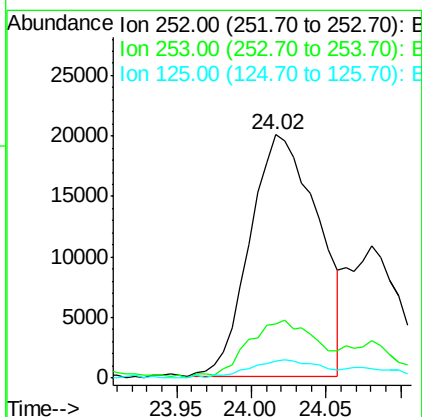
RT: 24.02 min Scan# 3528

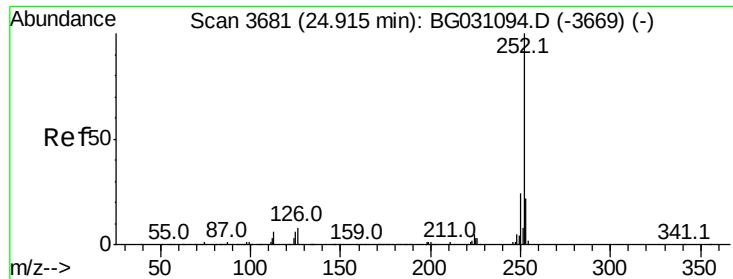
Delta R.T. -0.01 min

Lab File: BG031104.D

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Tgt Ion:	252	Resp:	63438
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	7.2	9.4	14.0#





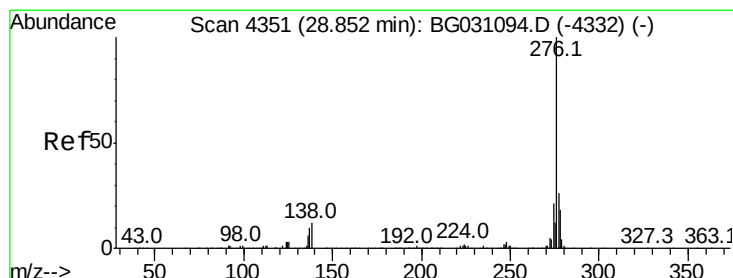
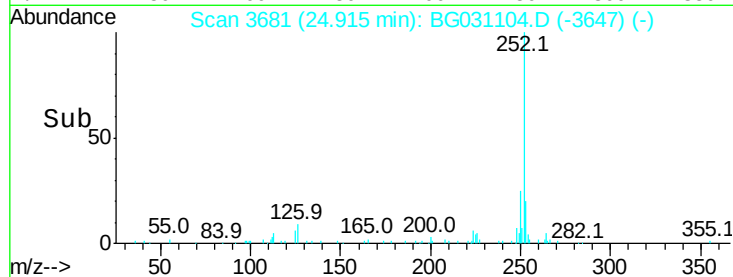
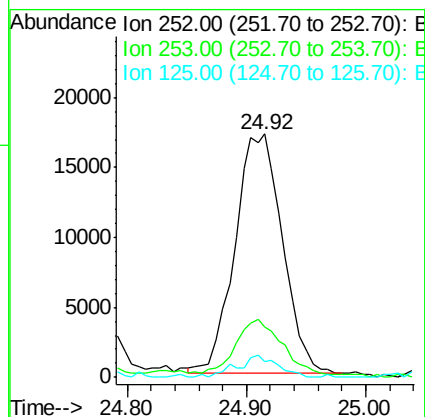
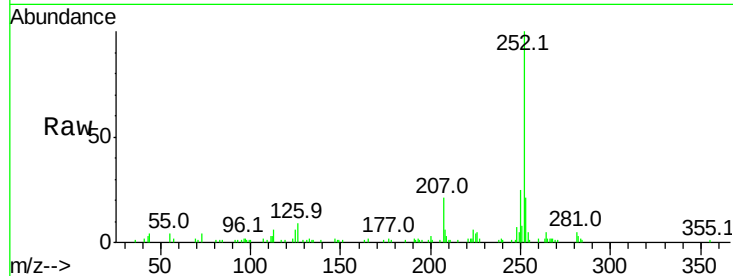
#27
Benzo(a)pyrene
Concen: 2.056 ng/ul m
RT: 24.92 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

Instrument :
BNA_G
ClientSampleId :
B0FM8

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	20.9	17.1	25.7
125	6.3	9.4	14.2#

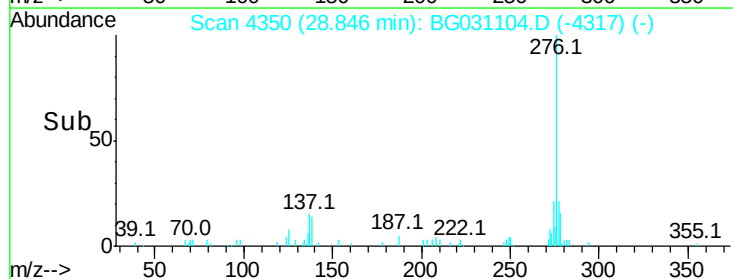
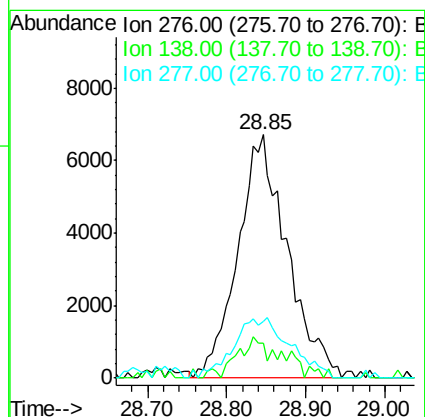
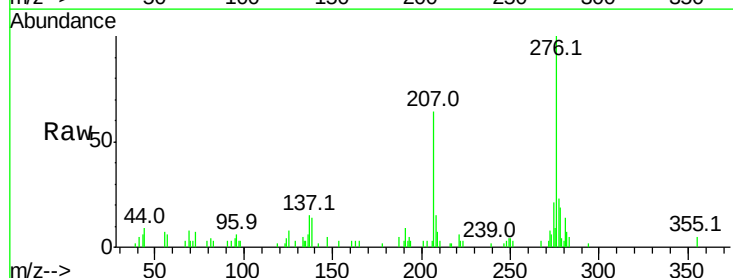
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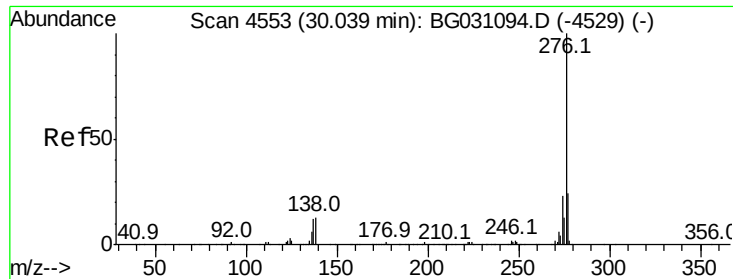
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#28
Indeno(1,2,3-cd)pyrene
Concen: 1.097 ng/ul m
RT: 28.85 min Scan# 4350
Delta R.T. -0.01 min
Lab File: BG031104.D
Acq: 18 Nov 2017 4:49

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	14.1	17.8	26.6#
277	23.1	19.4	29.0





#30

Benzo(a,h,i)perylene

Concen: 1.111 ng/ul m

RT: 30.02 min Scan# 4550

Delta R.T. -0.02 min

Lab File: BG031104.D

Acq: 18 Nov 2017 4:49

Instrument :

BNA_G

ClientSampleId :

B0FM8

Tot Ion:	276	Resp:	24461
Ion Ratio	Lower	Upper	
276	100		
138	13.0	19.0	28.4#
277	19.7	19.7	29.5

Manual Integrations
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