

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026218.D
 Acq On : 13 Mar 2017 19:09
 Operator : SJ/MA
 Sample : I2217-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X9

Manual Integrations
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 3/16/2017 10:52:20 AM

Quant Time: Mar 21 17:23:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 15 17:21:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	71271	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.86	136	370460	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	231878	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	557798	20.00	ng/ul	-0.02
18) Chrysene-d12	21.64	240	577799	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	545075	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	84169	15.34	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	501003	25.34	ng/ul	0.00
10) Fluorene-d10	15.64	176	370289	25.68	ng/ul	-0.02
15) Anthracene-d10	17.49	188	561387	22.65	ng/ul	-0.02
19) Pyrene-d10	19.76	212	635266	21.55	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	596588	25.38	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.44	178	237324	8.03	ng/ul	99
16) Anthracene	17.52	178	46690	1.56	ng/ul	96
17) Fluoranthene	19.43	202	431381	14.06	ng/ul	99
20) Pyrene	19.79	202	379286	10.31	ng/ul	98
21) Benzo(a)anthracene	21.61	228	219401	6.82	ng/ul	100
22) Chrysene	21.68	228	203318	6.78	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	272741	8.81	ng/ul#	94
25) Benzo(k)fluoranthene	23.87	252	102963m	3.48	ng/ul	
27) Benzo(a)pyrene	24.67	252	178314	6.20	ng/ul#	96
28) Indeno(1,2,3-cd)pyrene	28.43	276	125801	3.96	ng/ul	98
29) Dibenzo(a,h)anthracene	28.48	278	35148m	1.40	ng/ul	
30) Benzo(g,h,i)perylene	29.56	276	118375m	4.36	ng/ul	

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

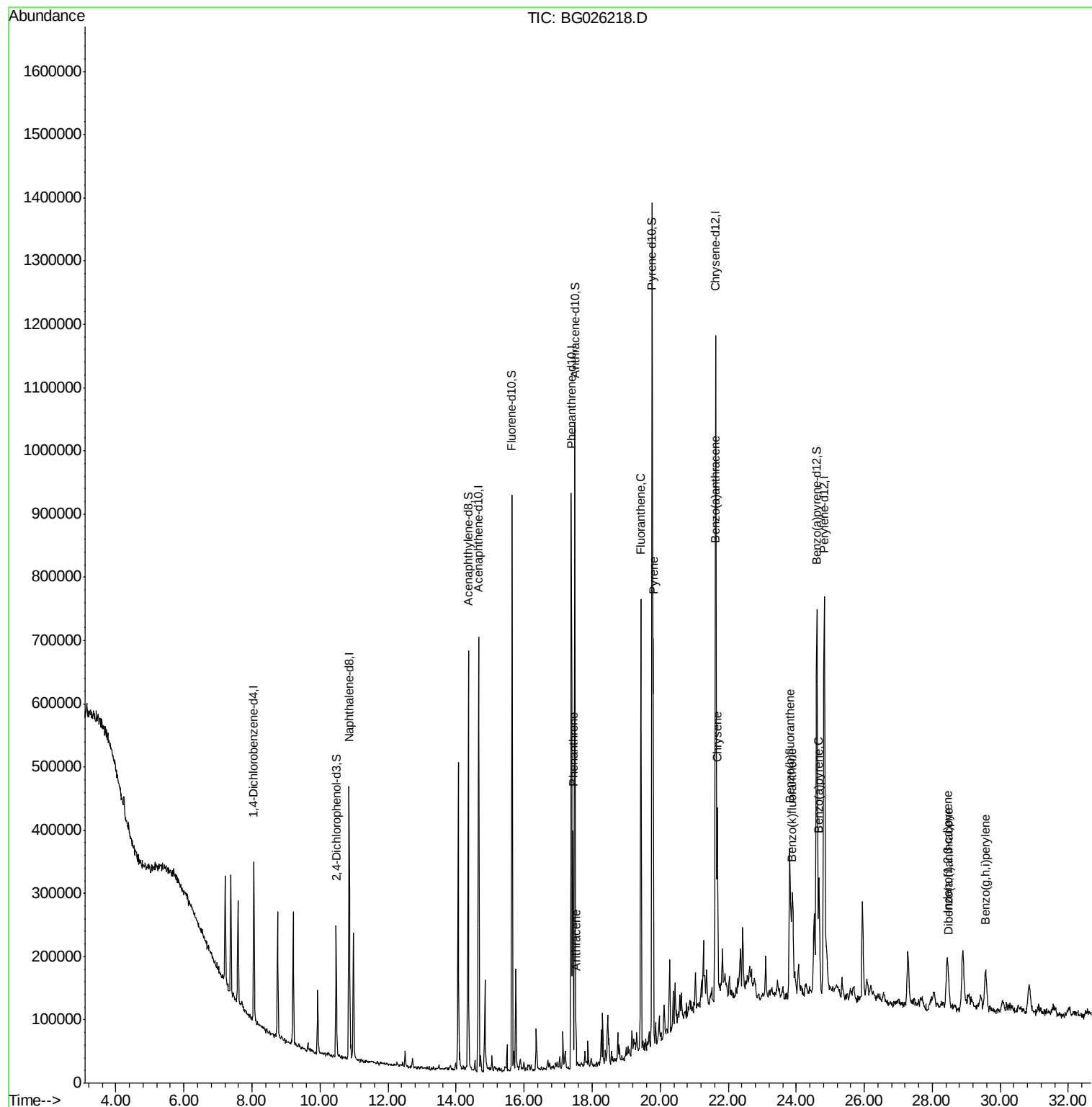
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

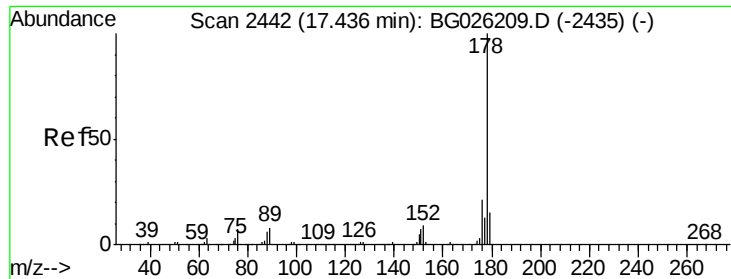
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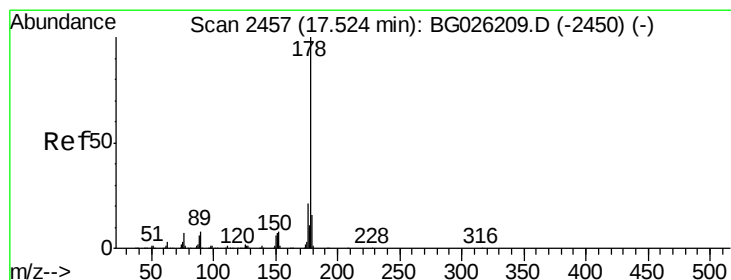
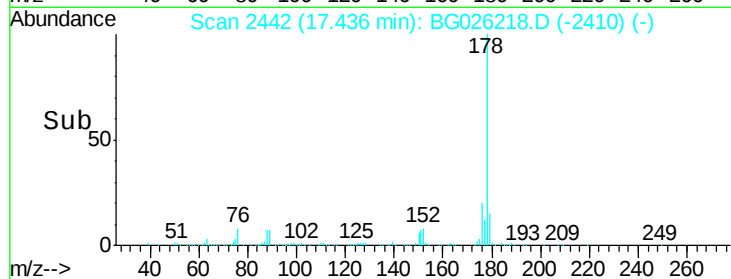
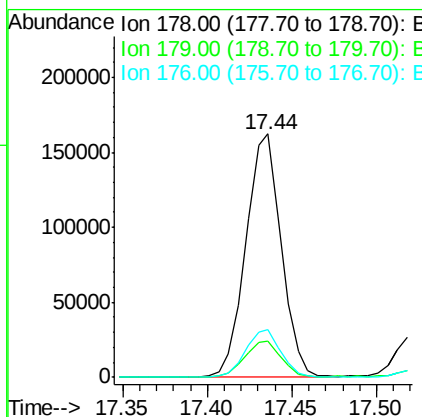
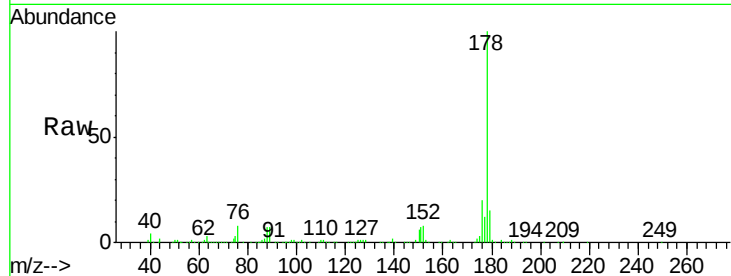
#14
Phenanthrene
Concen: 8.03 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Instrument :
BNA_G
ClientSampleId :
CB2X9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.2	18.4
176	19.8	16.4	24.6

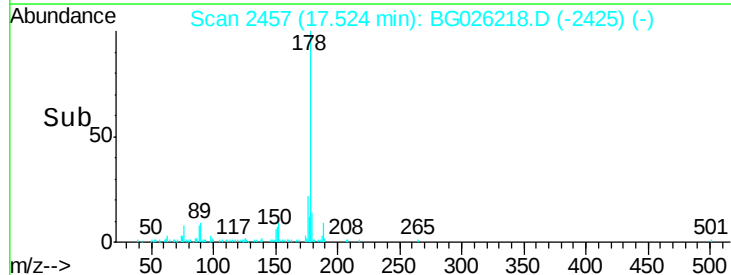
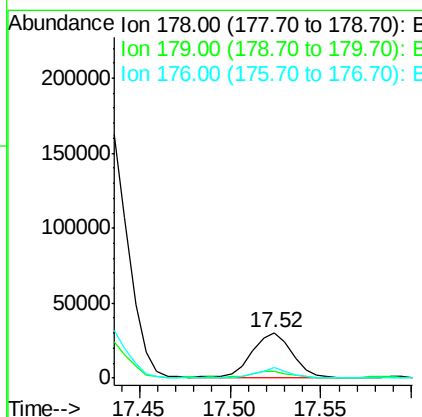
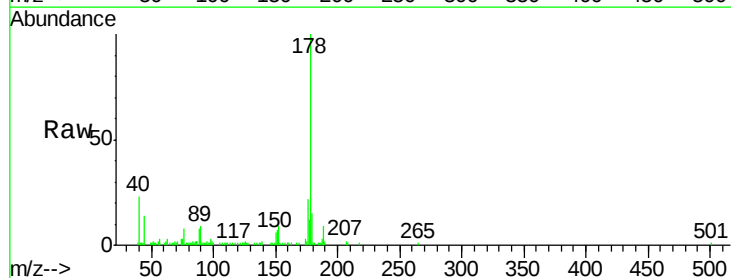
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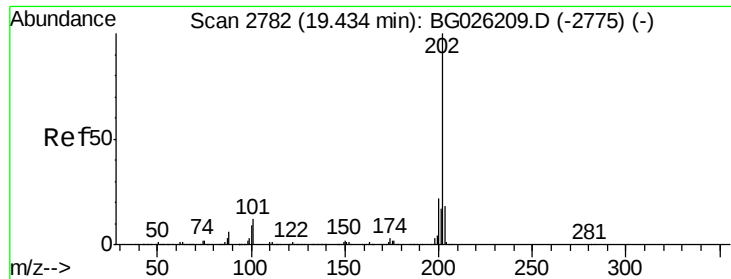
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#16
Anthracene
Concen: 1.56 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.7	19.1
176	22.3	15.8	23.8





#17

Fluoranthene

Concen: 14.06 ng/ul

RT: 19.43 min Scan# 2782

Delta R.T. -0.01 min

Lab File: BG026218.D

Acq: 13 Mar 2017 19:09

Instrument :

BNA_G

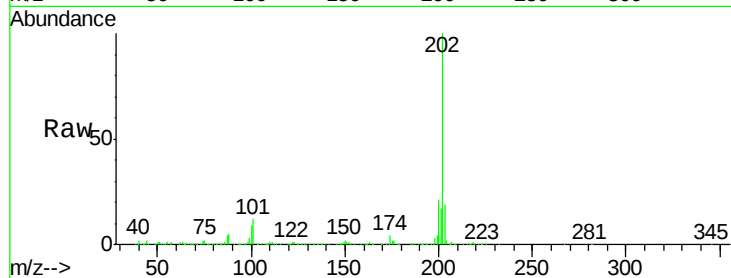
ClientSampleId :

CB2X9

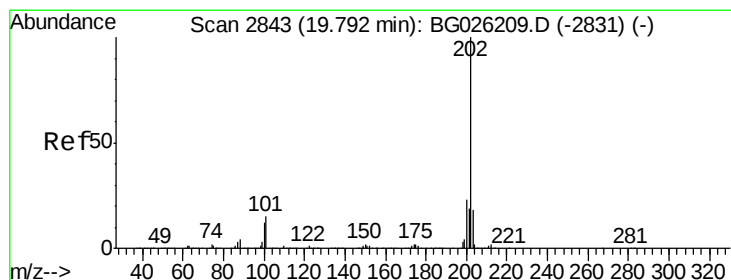
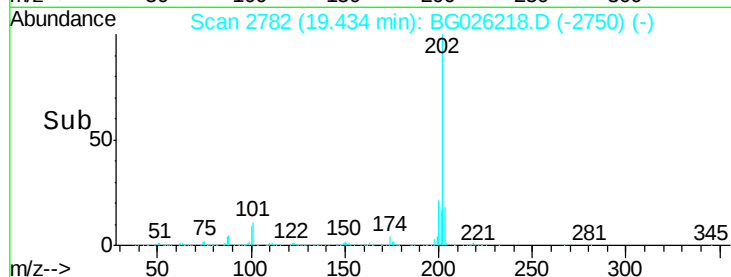
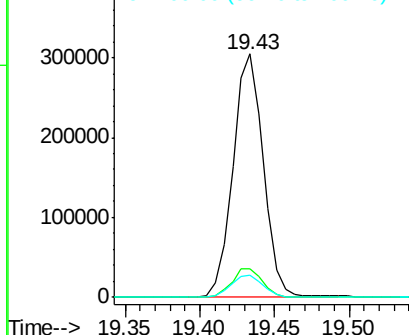
Tgt	Ion	202	Resp:	431381
Ion	Ratio		Lower	Upper
202	100			
101	11.6	9.8	14.8	
100	9.3	7.5	11.3	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#20

Pyrene

Concen: 10.31 ng/ul

RT: 19.79 min Scan# 2843

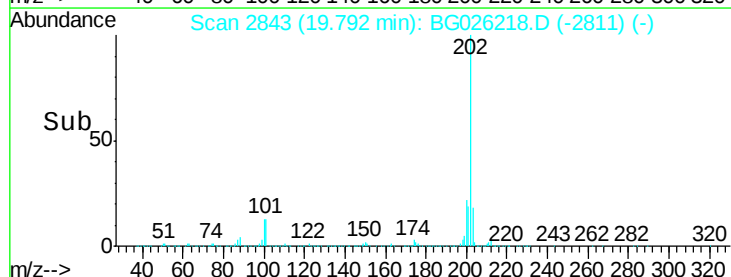
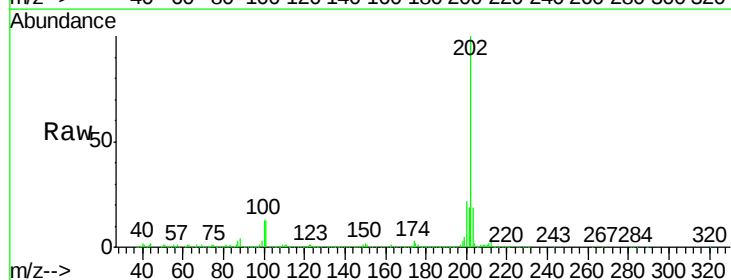
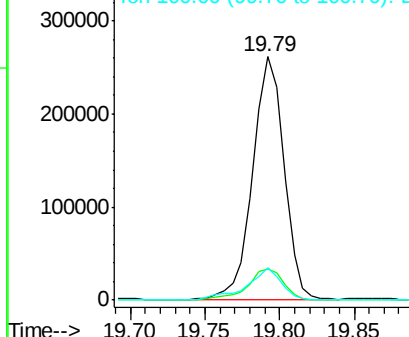
Delta R.T. -0.01 min

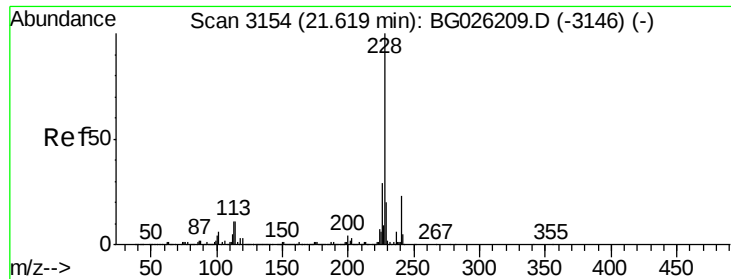
Lab File: BG026218.D

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Tgt	Ion	202	Resp:	379286
Ion	Ratio		Lower	Upper
202	100			
101	12.9	11.2	16.8	
100	13.1	9.8	14.6	

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#21

Benzo(a)anthracene

Concen: 6.82 ng/ul

RT: 21.61 min Scan# 3153

Delta R.T. -0.02 min

Lab File: BG026218.D

Acq: 13 Mar 2017 19:09

Instrument :

BNA_G

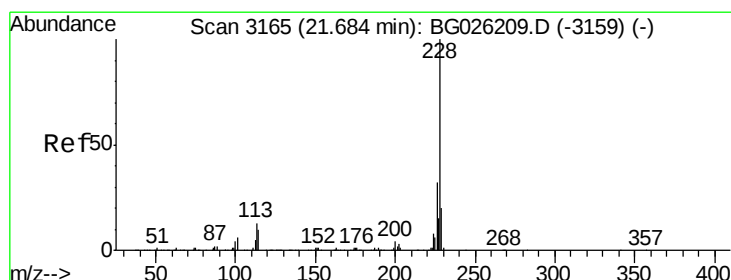
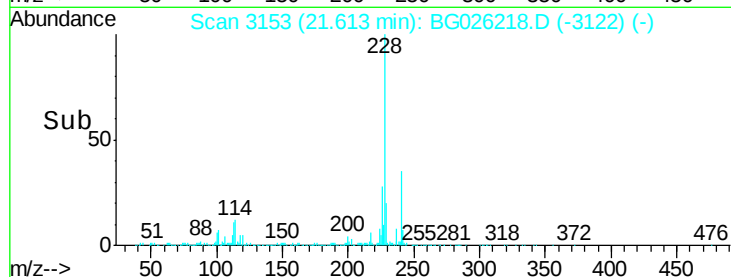
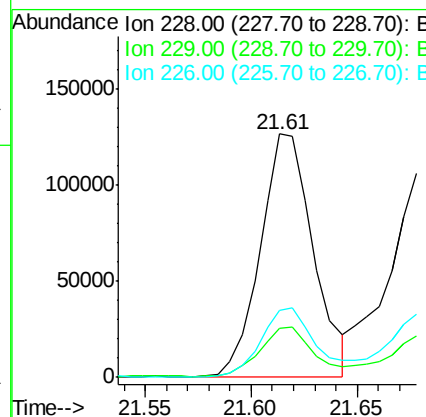
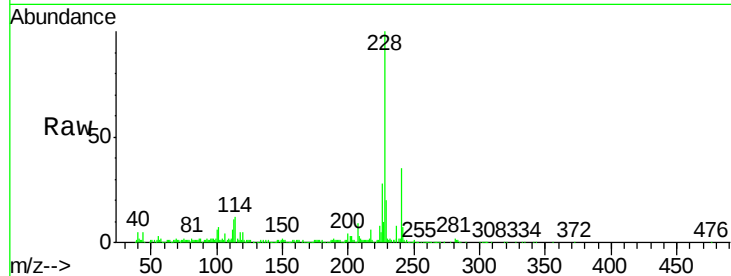
ClientSampleId :

CB2X9

Tgt Ion:	228	Resp:	219401
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.9	23.9
226	27.5	22.1	33.1

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#22

Chrysene

Concen: 6.78 ng/ul

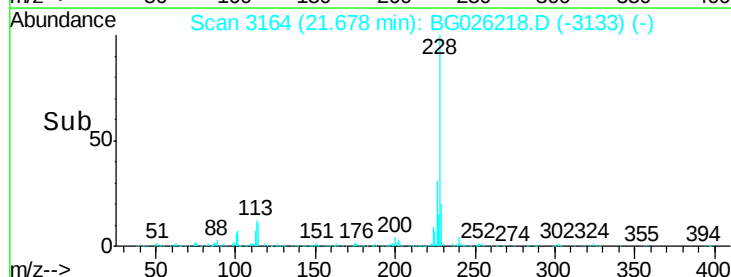
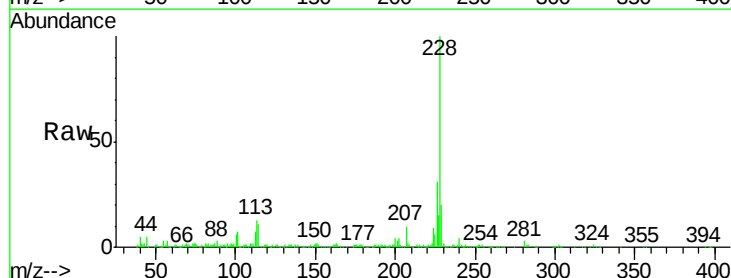
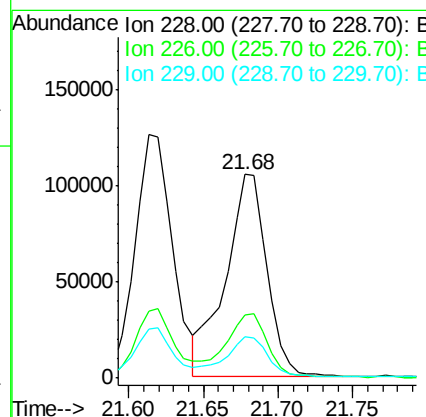
RT: 21.68 min Scan# 3164

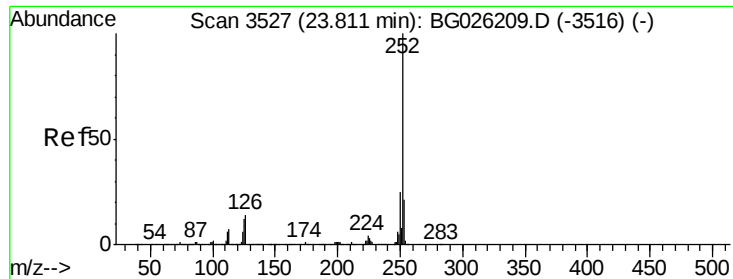
Delta R.T. -0.02 min

Lab File: BG026218.D

Acq: 13 Mar 2017 19:09

Tgt Ion:	228	Resp:	203318
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	20.4	16.6	25.0





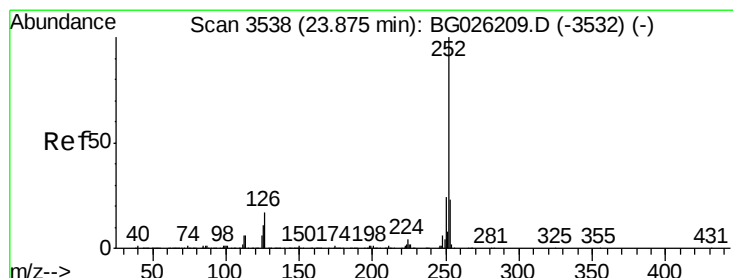
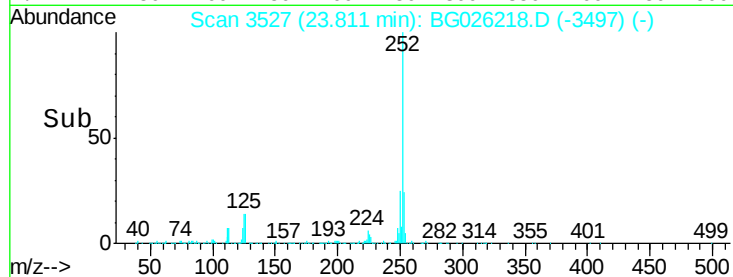
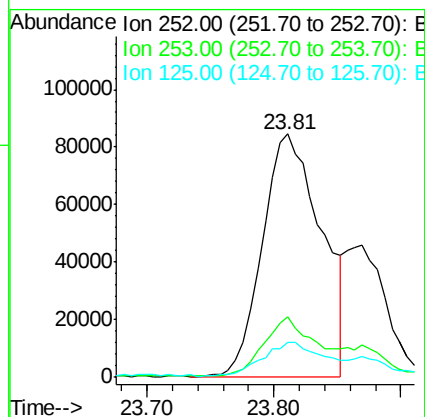
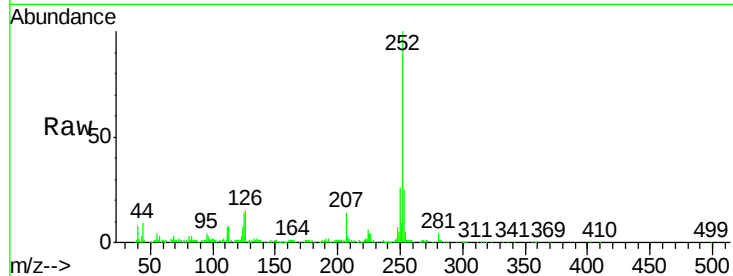
#24
Benzo(b)fluoranthene
Concen: 8.81 ng/ul
RT: 23.81 min Scan# 3527
Delta R.T. -0.02 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Instrument :
BNA_G
ClientSampleId :
CB2X9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.8	26.6
125	14.4	9.4	14.0

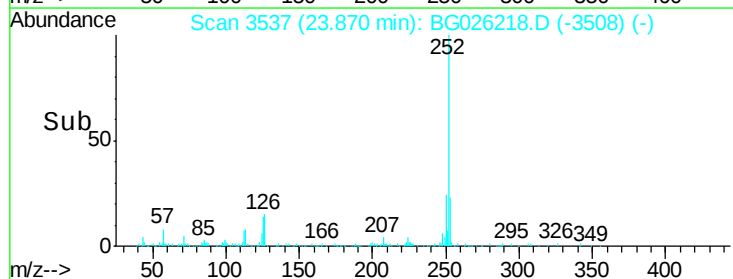
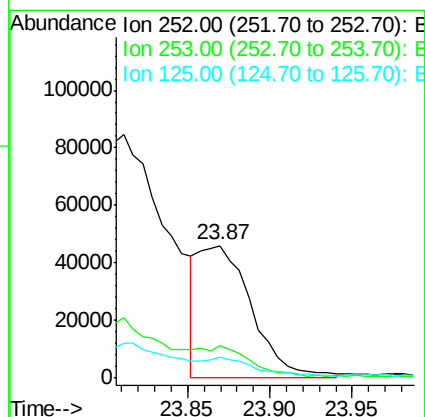
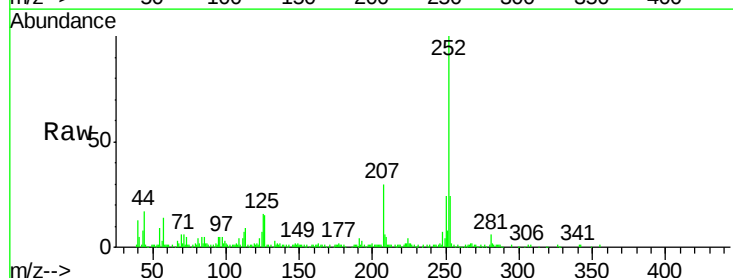
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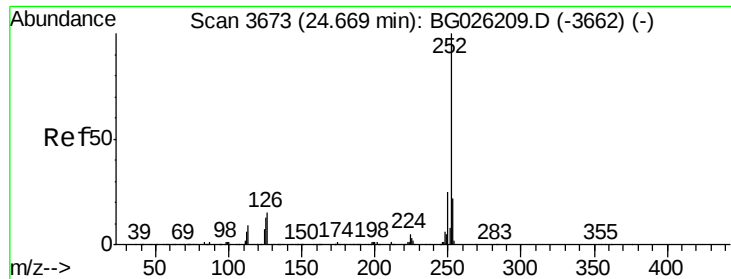
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#25
Benzo(k)fluoranthene
Concen: 3.48 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.03 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	16.1	8.8	13.2





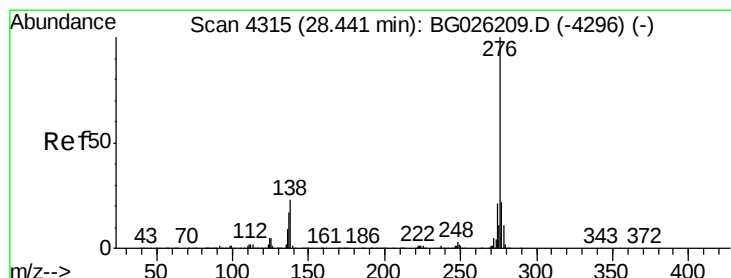
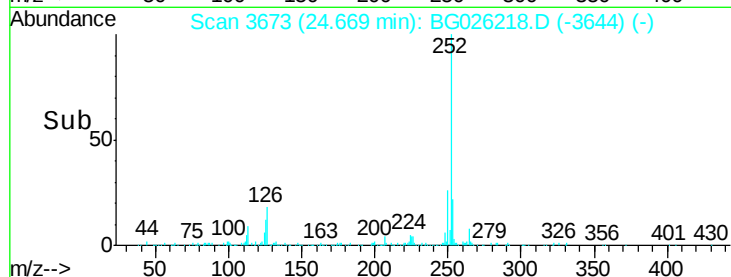
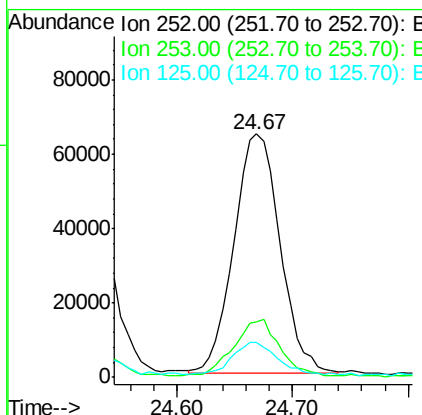
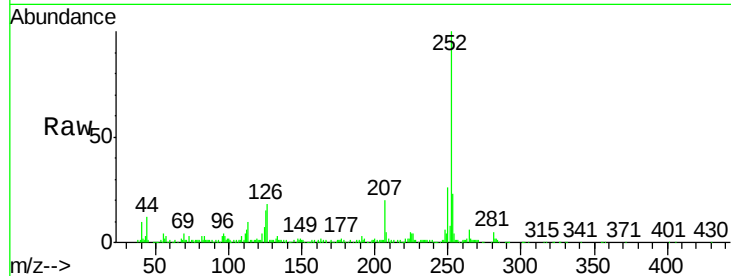
#27
Benzo(a)pyrene
Concen: 6.20 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Instrument :
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ClientSampleId :
CB2X9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	14.6	9.4	14.2

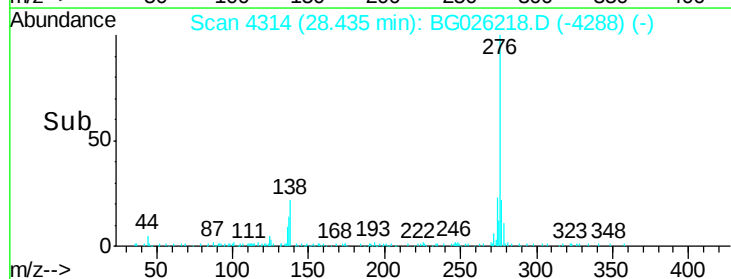
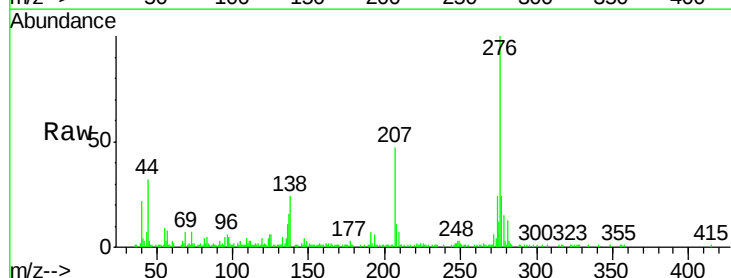
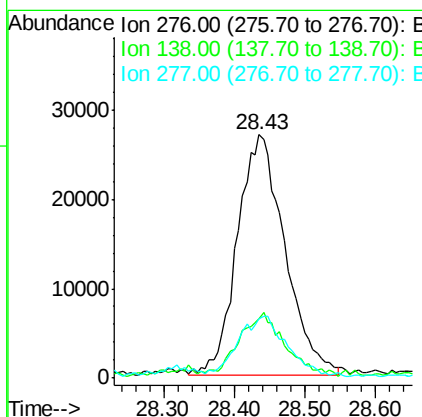
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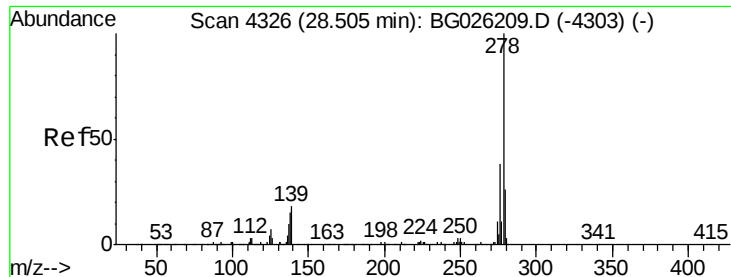
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.96 ng/ul
RT: 28.43 min Scan# 4314
Delta R.T. -0.05 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.4	17.8	26.6
277	24.4	19.4	29.0





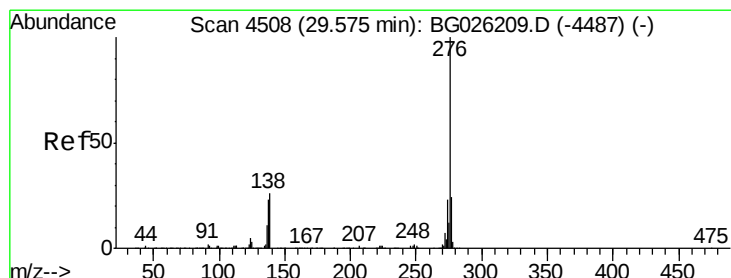
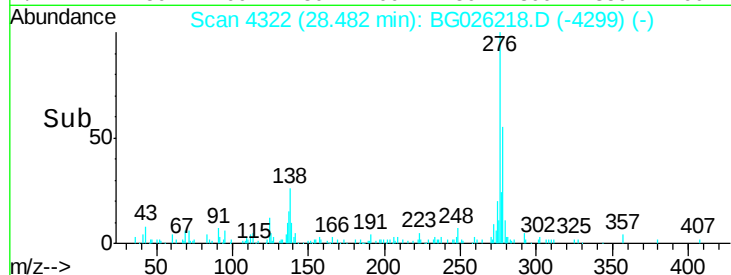
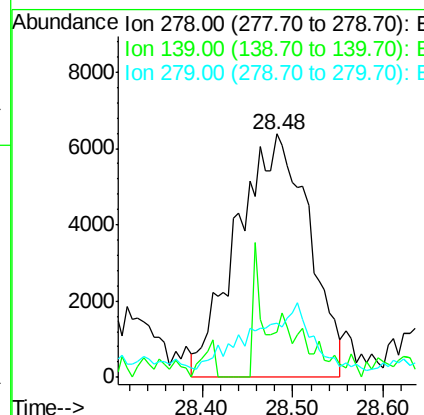
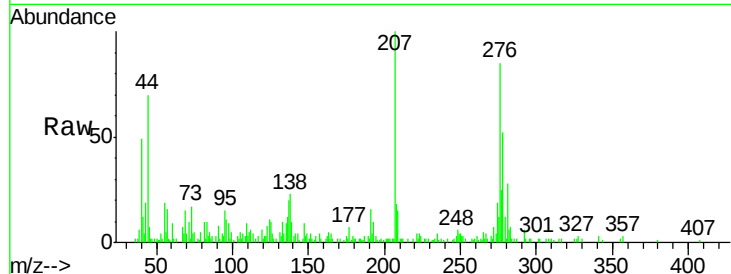
#29
Dibenzo(a,h)anthracene
Concen: 1.40 ng/ul m
RT: 28.48 min Scan# 4322
Delta R.T. -0.06 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Instrument :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.0	21.0
279	22.1	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 4.36 ng/ul m
RT: 29.56 min Scan# 4505
Delta R.T. -0.05 min
Lab File: BG026218.D
Acq: 13 Mar 2017 19:09

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.6	19.0	28.4
277	23.9	19.7	29.5

