

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026215.D
 Acq On : 13 Mar 2017 17:11
 Operator : SJ/MA
 Sample : I2217-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2X6

Manual Integrations
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Quant Time: Mar 15 17:35:02 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	8.06	152	76542	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.85	136	377196	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	240761	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	592990	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	619548	20.00	ng/ul	-0.02
23) Perylene-d12	24.82	264	587570	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	81666	14.62	ng/uL	-0.01
7) Acenaphthylene-d8	14.36	160	507198	24.71	ng/ul	-0.01
10) Fluorene-d10	15.65	176	377394	25.20	ng/ul	-0.01
15) Anthracene-d10	17.49	188	573740	21.77	ng/ul	-0.02
19) Pyrene-d10	19.77	212	632510	20.01	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.60	264	574170	22.66	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	226046	7.19	ng/ul	99
16) Anthracene	17.52	178	35947	1.13	ng/ul	95
17) Fluoranthene	19.43	202	400672	12.28	ng/ul	99
20) Pyrene	19.79	202	374359	9.49	ng/ul	99
21) Benzo(a)anthracene	21.62	228	196792	5.71	ng/ul	97
22) Chrysene	21.68	228	205321	6.38	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	262731	7.88	ng/ul#	96
25) Benzo(k)fluoranthene	23.87	252	81542	2.56	ng/ul#	97
27) Benzo(a)pyrene	24.67	252	152247	4.91	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.44	276	116346	3.40	ng/ul	93
29) Dibenzo(a,h)anthracene	28.50	278	33806m	1.25	ng/ul	
30) Benzo(g,h,i)perylene	29.57	276	114811	3.92	ng/ul#	91

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

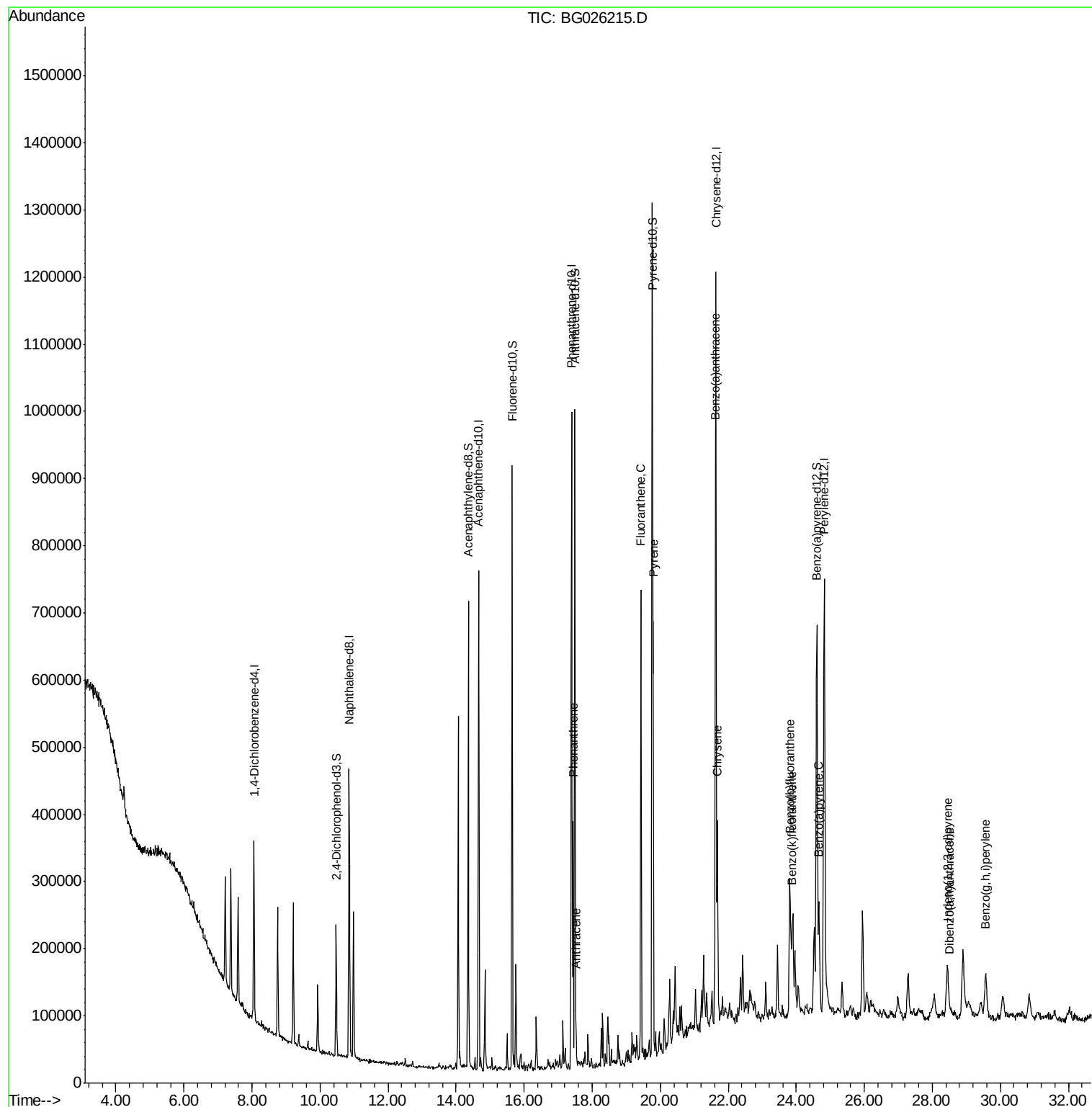
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
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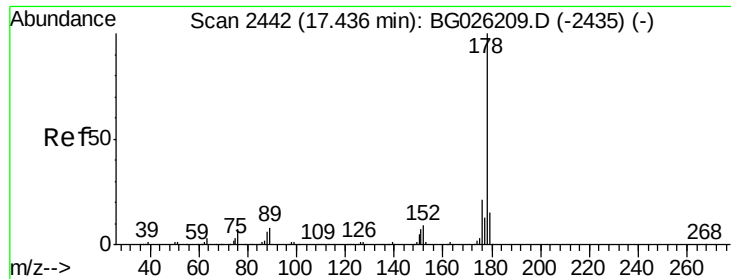
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#14

Phenanthrene

Concen: 7.19 ng/ul

RT: 17.43 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG026215.D

Acq: 13 Mar 2017 17:11

Instrument :

BNA_G

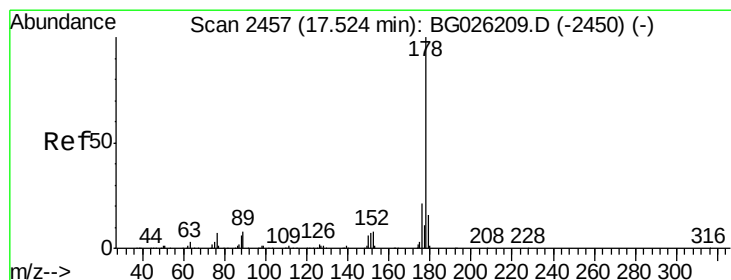
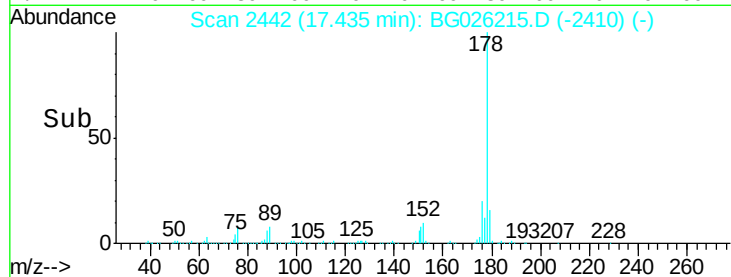
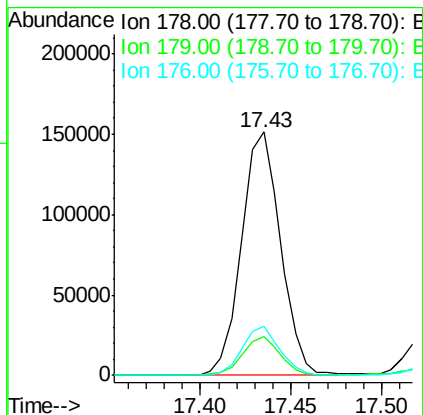
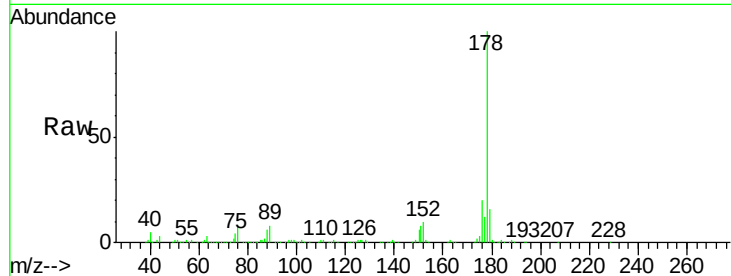
ClientSampleId :

CB2X6

Tgt Ion:	178	Resp:	226046
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.2	18.4
176	20.0	16.4	24.6

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#16

Anthracene

Concen: 1.13 ng/ul

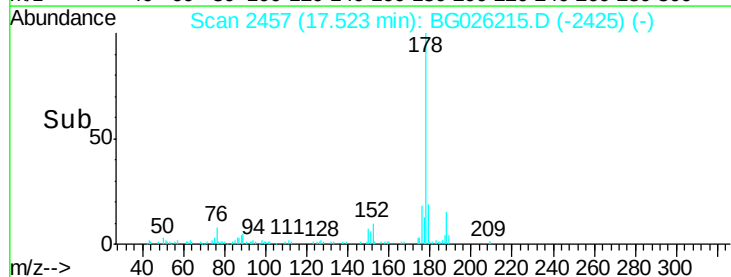
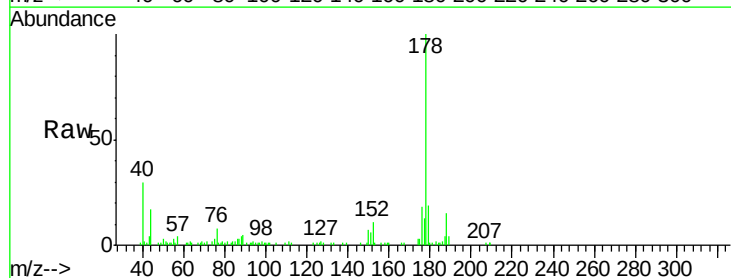
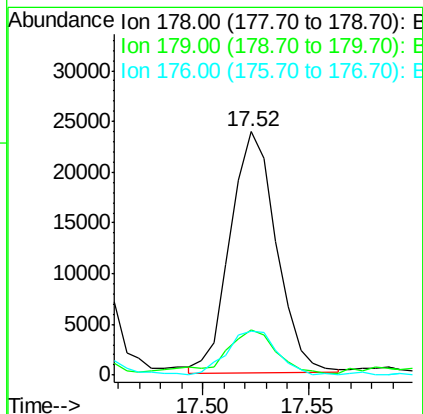
RT: 17.52 min Scan# 2457

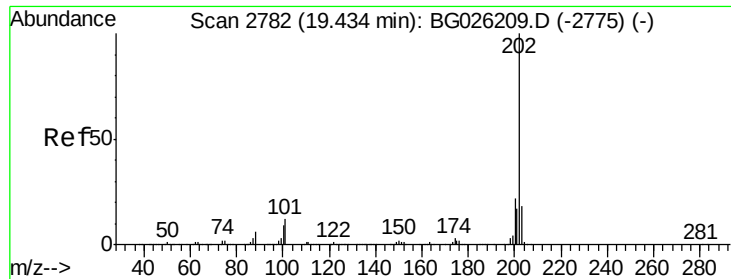
Delta R.T. -0.01 min

Lab File: BG026215.D

Acq: 13 Mar 2017 17:11

Tgt Ion:	178	Resp:	35947
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.7	19.1
176	18.2	15.8	23.8





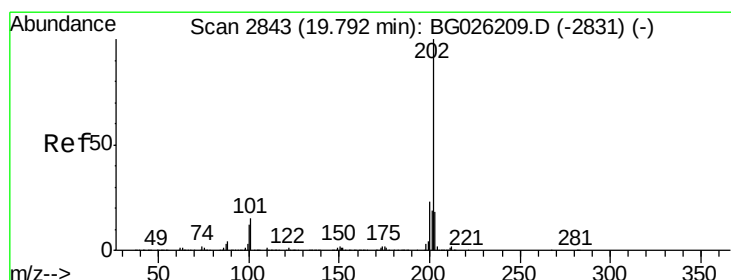
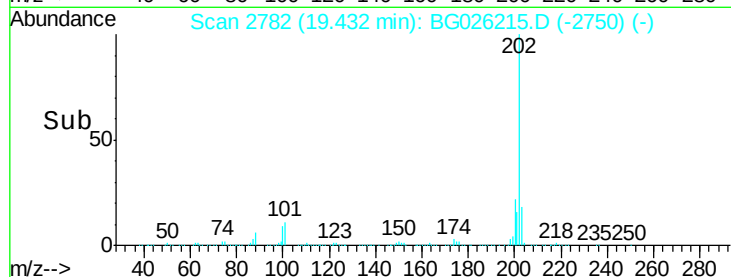
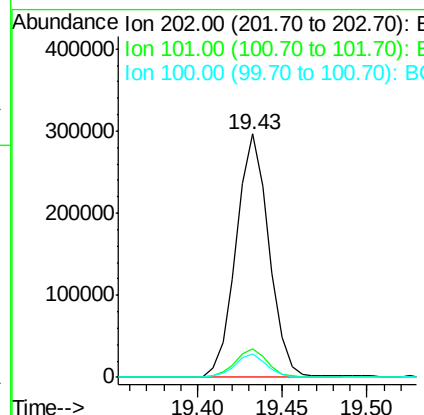
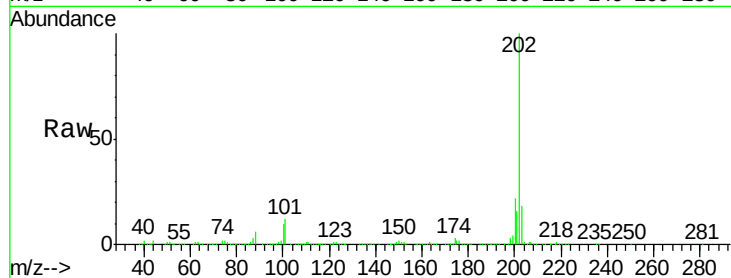
#17
Fluoranthene
Concen: 12.28 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.01 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Instrument :
BNA_G
ClientSampleId :
CB2X6

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	11.5	9.8	14.8
100	9.5	7.5	11.3

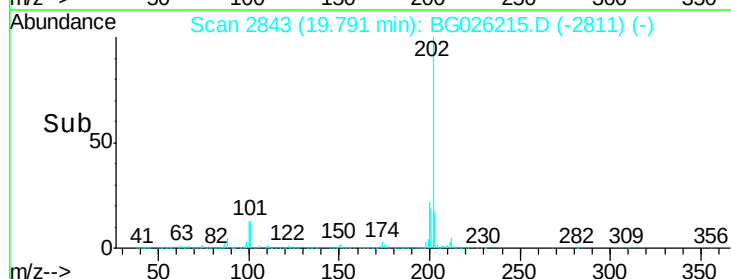
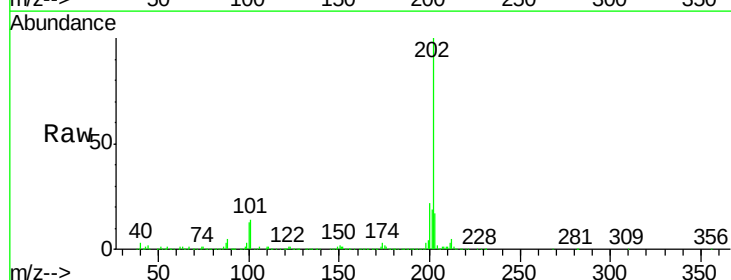
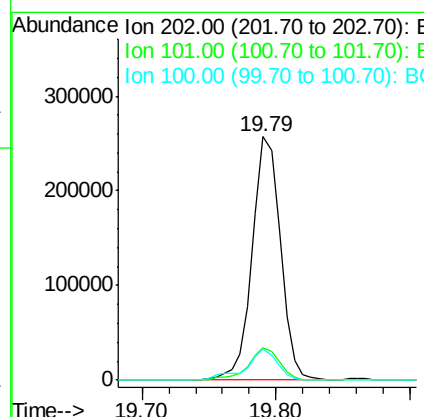
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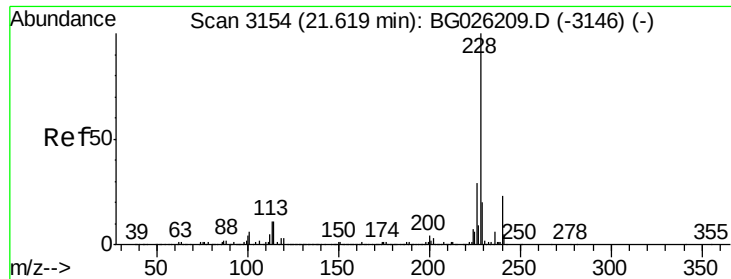
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#20
Pyrene
Concen: 9.49 ng/ul
RT: 19.79 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.5	11.2	16.8
100	12.6	9.8	14.6





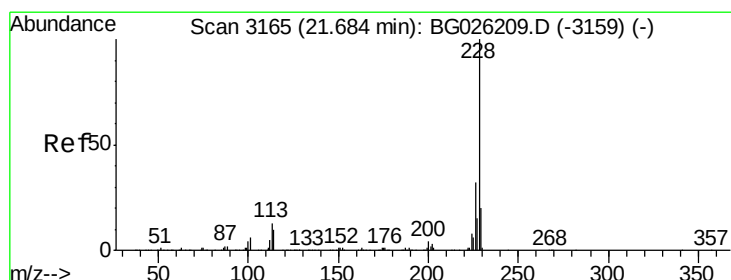
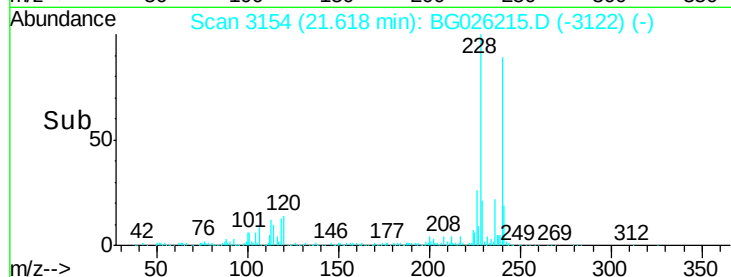
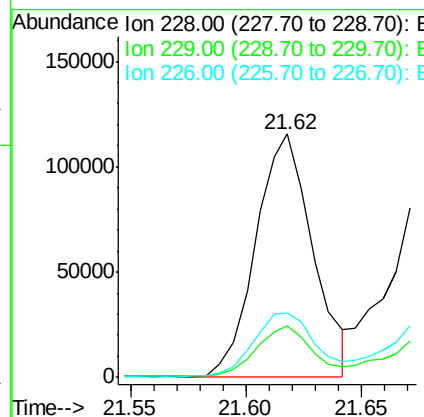
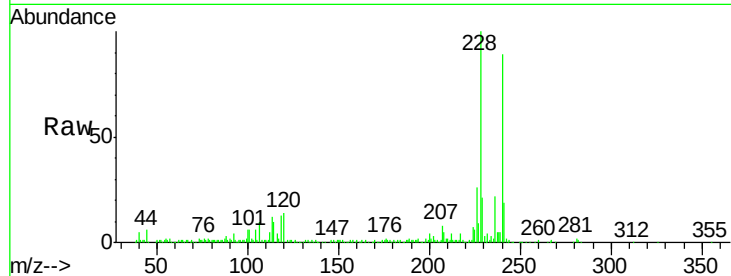
#21
Benzo(a)anthracene
Concen: 5.71 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Instrument :
BNA_G
ClientSampleId :
CB2X6

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	196792		
229	21.0	15.9	23.9	
226	26.3	22.1	33.1	

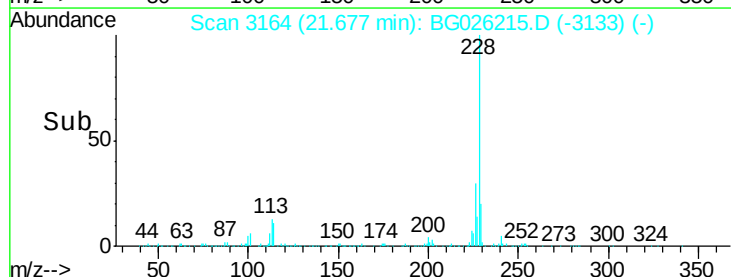
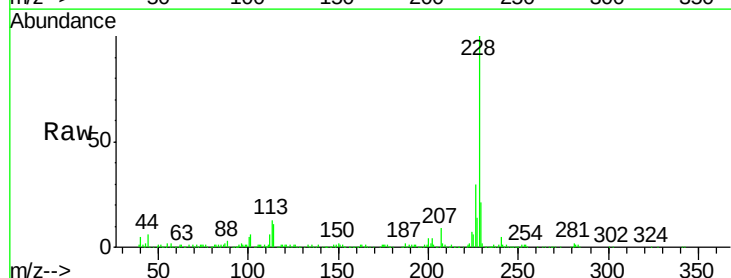
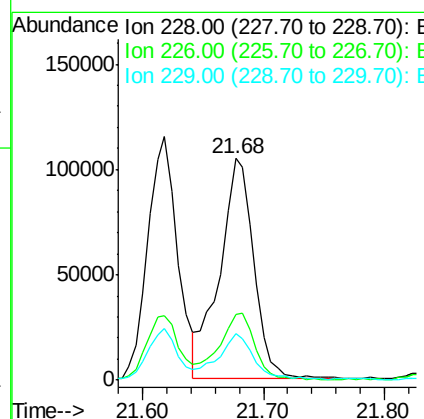
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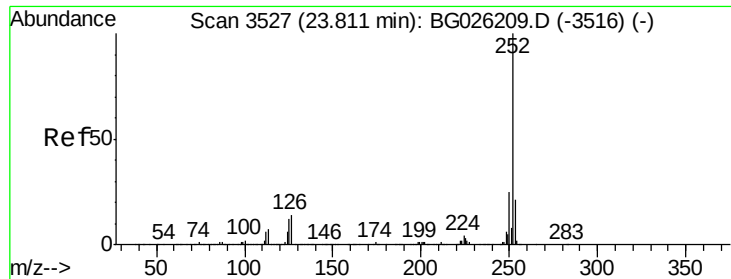
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#22
Chrysene
Concen: 6.38 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	205321		
226	29.8	25.0	37.6	
229	20.7	16.6	25.0	





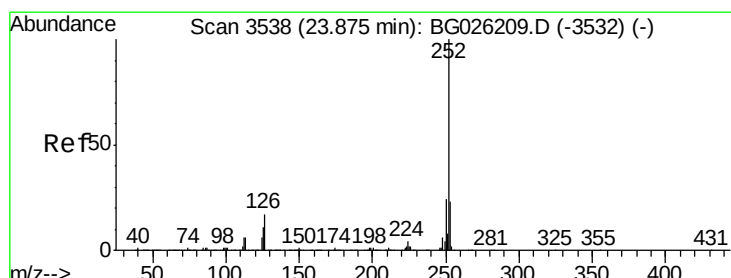
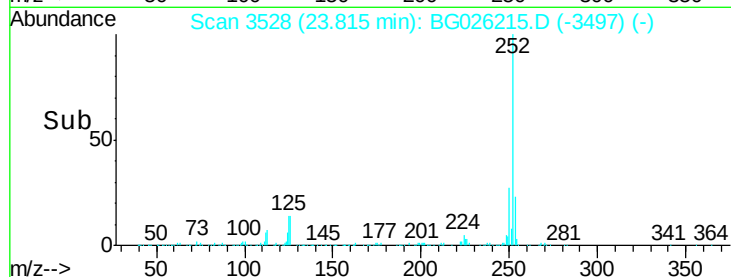
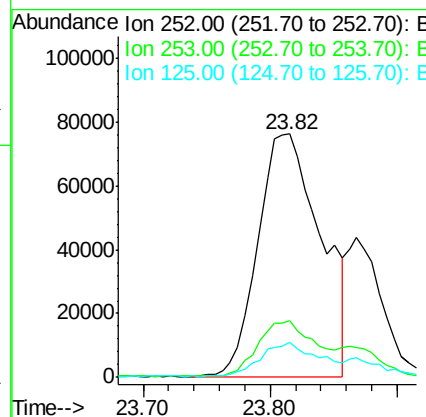
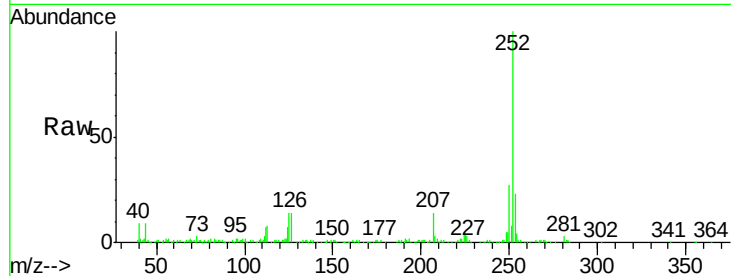
#24
Benzo(b)fluoranthene
Concen: 7.88 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Instrument :
BNA_G
ClientSampleId :
CB2X6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.3	17.8	26.6
125	14.1	9.4	14.0

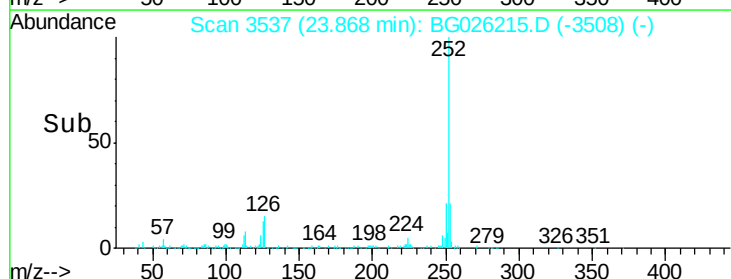
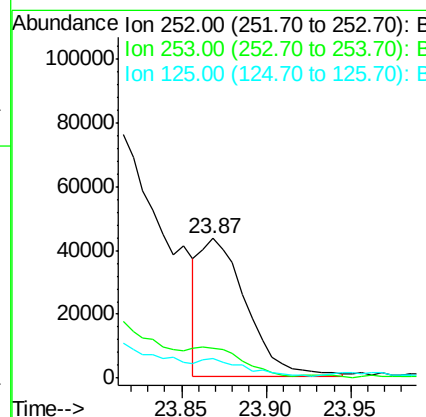
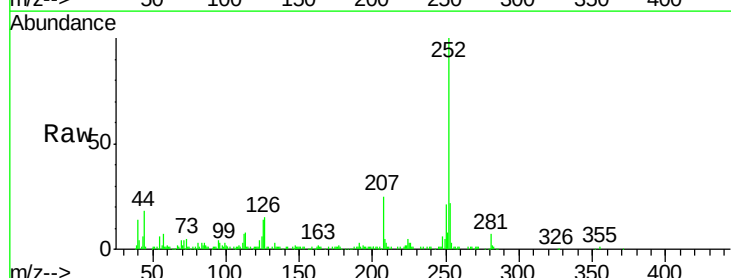
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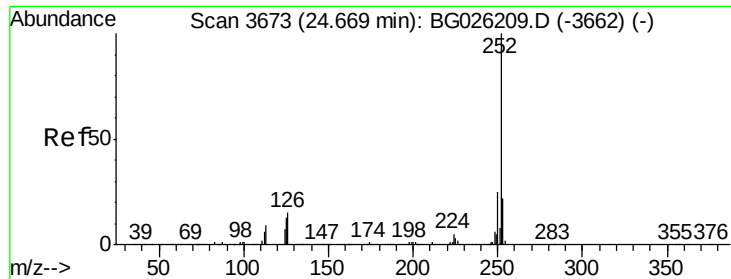
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#25
Benzo(k)fluoranthene
Concen: 2.56 ng/ul
RT: 23.87 min Scan# 3537
Delta R.T. -0.03 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.8	17.4	26.2
125	14.0	8.8	13.2





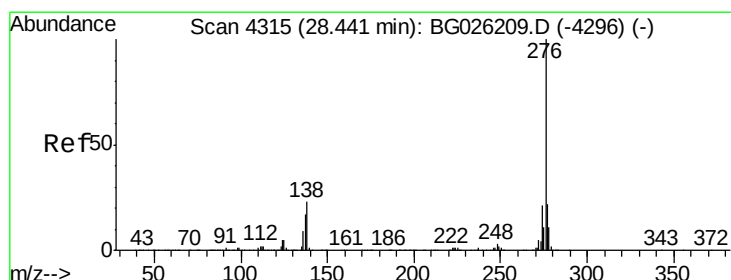
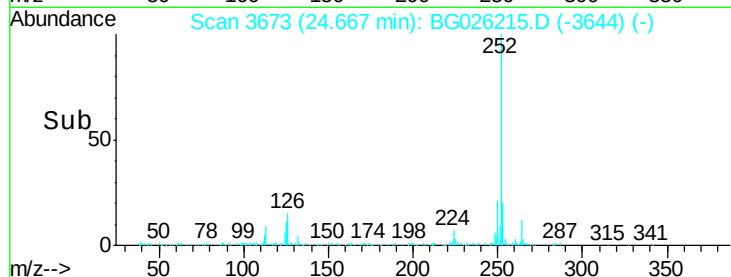
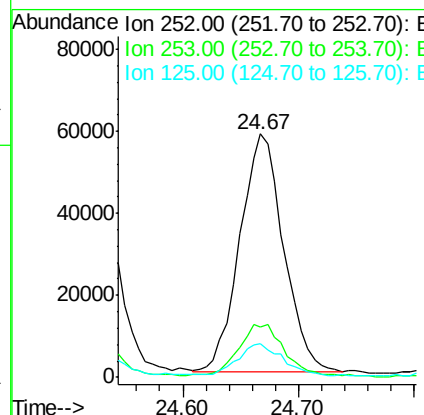
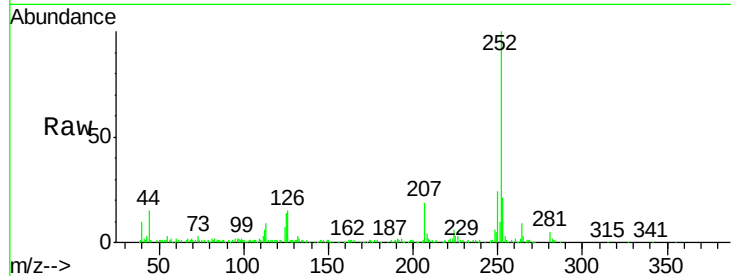
#27
Benzo(a)pyrene
Concen: 4.91 ng/ul
RT: 24.67 min Scan# 3673
Delta R.T. -0.03 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Instrument :
BNA_G
ClientSampleId :
CB2X6

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	20.6	17.1	25.7
125	14.0	9.4	14.2

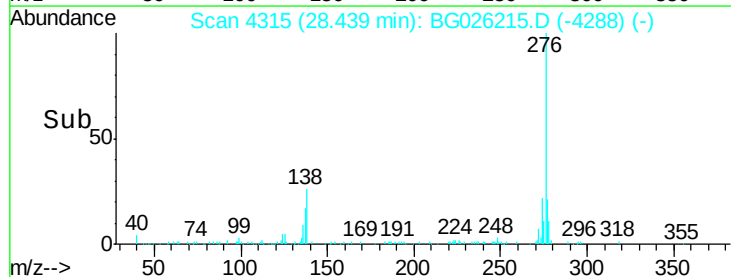
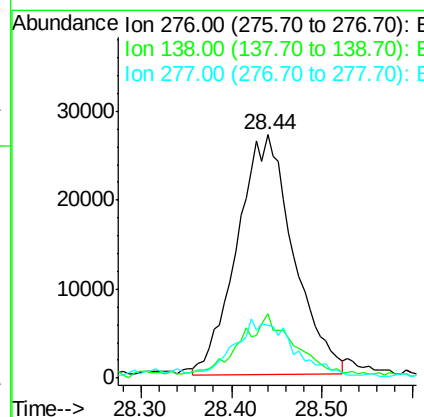
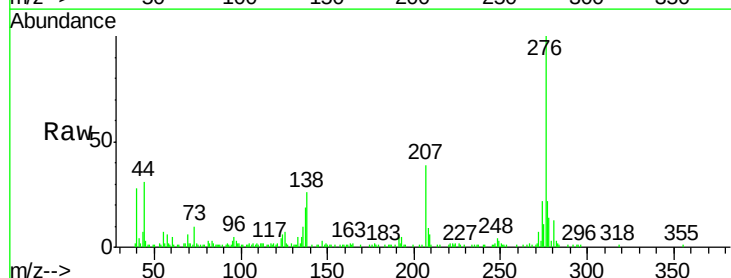
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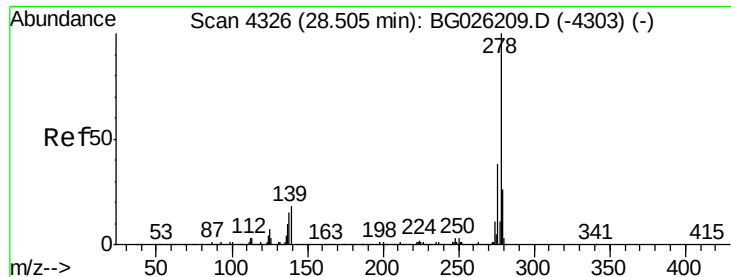
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#28
Indeno(1,2,3-cd)pyrene
Concen: 3.40 ng/ul
RT: 28.44 min Scan# 4315
Delta R.T. -0.04 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	26.4	17.8	26.6
277	21.6	19.4	29.0





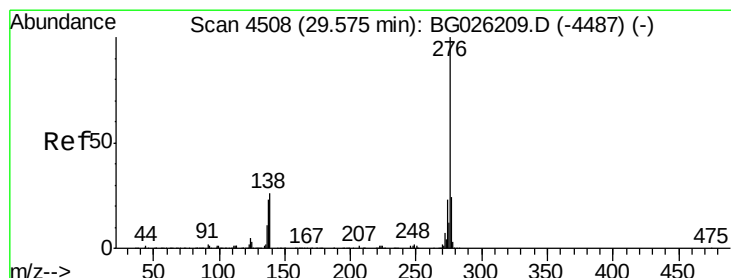
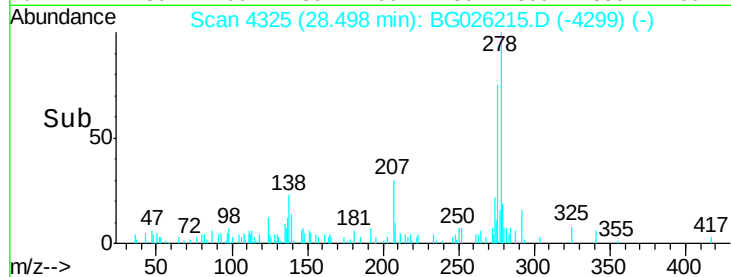
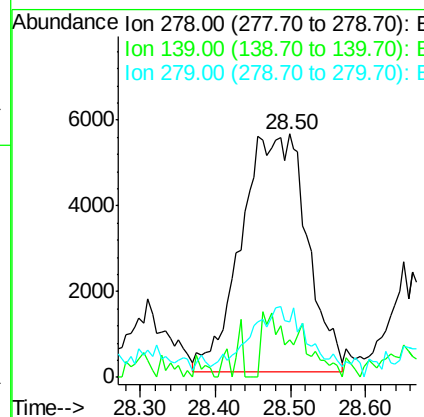
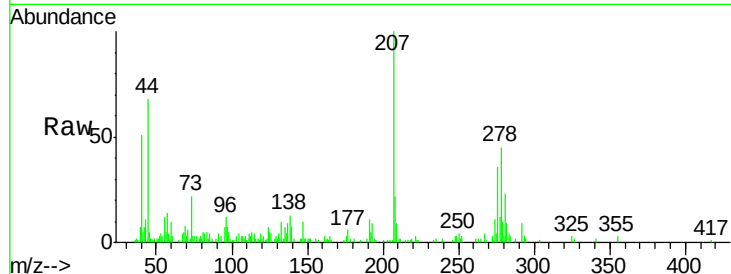
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Dibenzo(a,h)anthracene
Concen: 1.25 ng/ul m
RT: 28.50 min Scan# 4325
Delta R.T. -0.05 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	14.0	21.0
279	22.6	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 3.92 ng/ul
RT: 29.57 min Scan# 4507
Delta R.T. -0.04 min
Lab File: BG026215.D
Acq: 13 Mar 2017 17:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.4	19.0	28.4
277	19.5	19.7	29.5#

