

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
 Data File : BG026224.D
 Acq On : 14 Mar 2017 23:04
 Operator : SJ/MA
 Sample : I2217-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB2W7

Manual Integrations
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Quant Time: Mar 15 17:51:54 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	75128	20.00	ng/ul	-0.02
2) Naphthalene-d8	10.85	136	383980	20.00	ng/ul	-0.02
6) Acenaphthene-d10	14.66	164	233123	20.00	ng/ul	-0.01
12) Phenanthrene-d10	17.39	188	527683	20.00	ng/ul	-0.01
18) Chrysene-d12	21.64	240	539706	20.00	ng/ul	-0.02
23) Perylene-d12	24.83	264	514569	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	1109	0.19	ng/uL	-0.01
7) Acenaphthylene-d8	14.36	160	323947	16.30	ng/ul	-0.01
10) Fluorene-d10	15.65	176	242718	16.74	ng/ul	-0.01
15) Anthracene-d10	17.49	188	338333	14.43	ng/ul	-0.02
19) Pyrene-d10	19.76	212	382853	13.90	ng/ul	-0.01
26) Benzo(a)pyrene-d12	24.60	264	335646	15.12	ng/ul	-0.02
Target Compounds				Qvalue		
14) Phenanthrene	17.43	178	264629	9.46	ng/ul	98
16) Anthracene	17.52	178	48980	1.73	ng/ul	94
17) Fluoranthene	19.43	202	454218	15.65	ng/ul	99
20) Pyrene	19.79	202	391510	11.39	ng/ul	100
21) Benzo(a)anthracene	21.62	228	220971	7.36	ng/ul	100
22) Chrysene	21.68	228	216869	7.74	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	269609	9.23	ng/ul	98
25) Benzo(k)fluoranthene	23.87	252	117154m	4.20	ng/ul	
27) Benzo(a)pyrene	24.67	252	186208	6.86	ng/ul	95
28) Indeno(1,2,3-cd)pyrene	28.45	276	134381m	4.48	ng/ul	
29) Dibenzo(a,h)anthracene	28.49	278	36267m	1.53	ng/ul	
30) Benzo(g,h,i)perylene	29.58	276	121858	4.75	ng/ul#	91

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

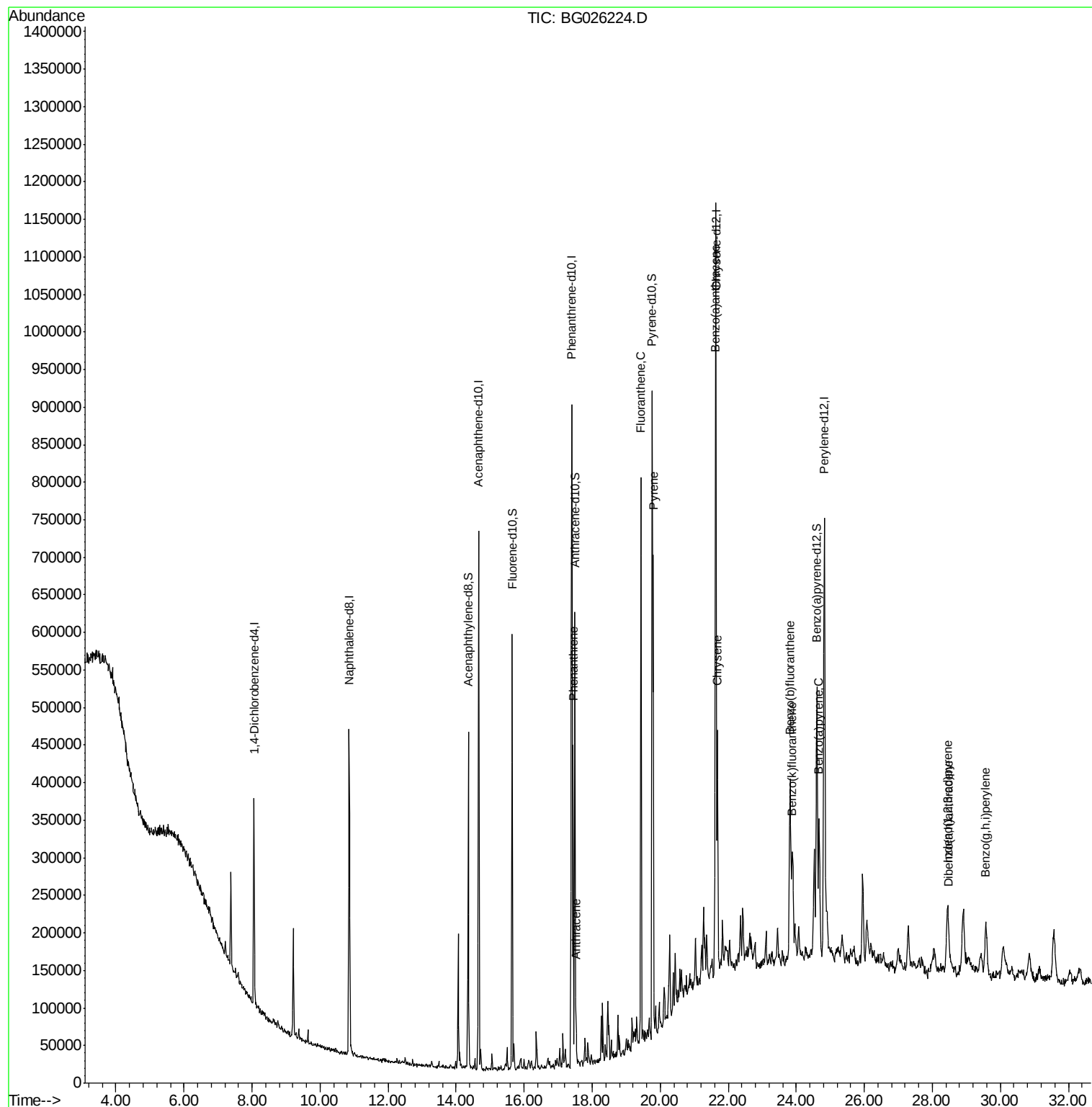
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031317\
Data File : BG026224.D
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ALS Vial : 18 Sample Multiplier: 1

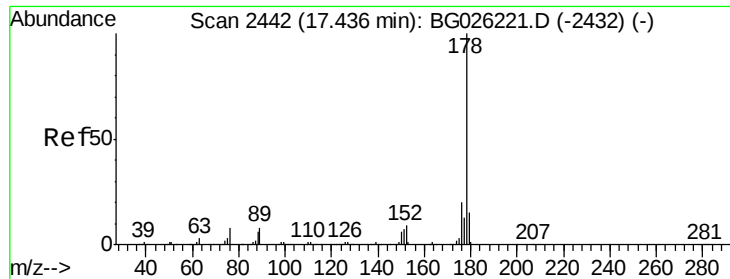
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
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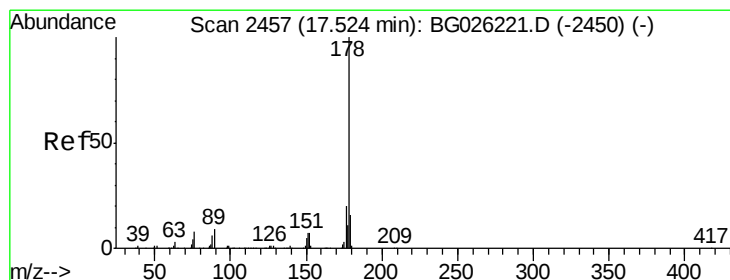
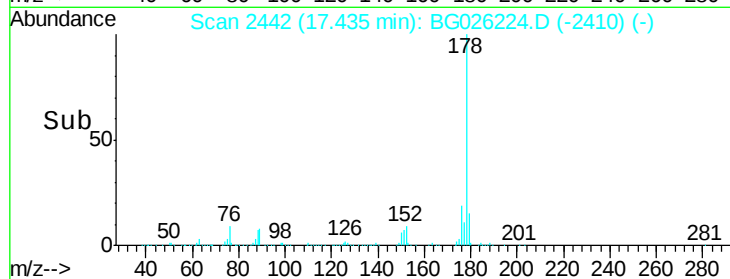
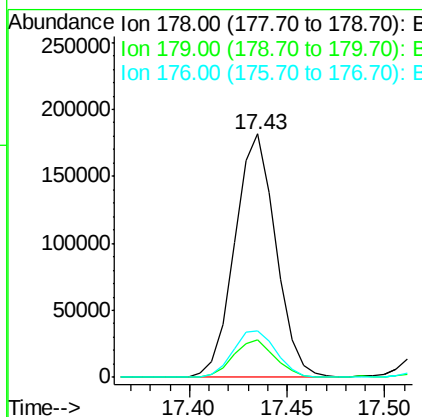
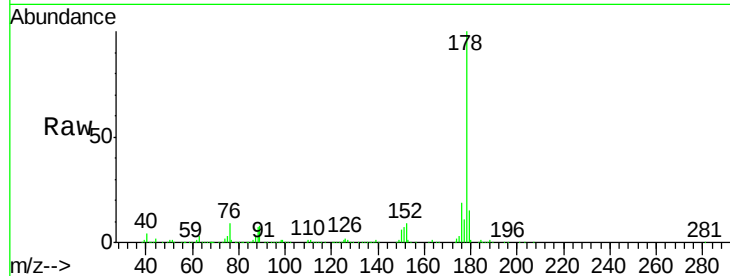
#14
Phenanthrene
Concen: 9.46 ng/ul
RT: 17.43 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG026224.D
Acq: 14 Mar 2017 23:04

Instrument :
BNA_G
ClientSampled :
CB2W7

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.9	16.4	24.6

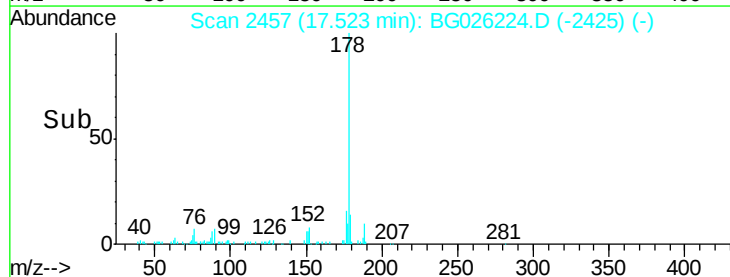
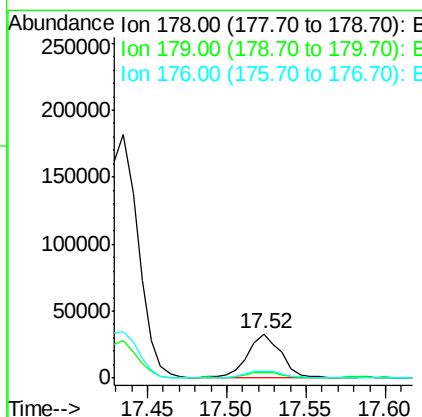
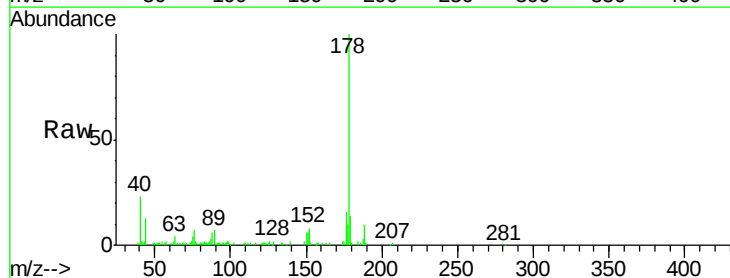
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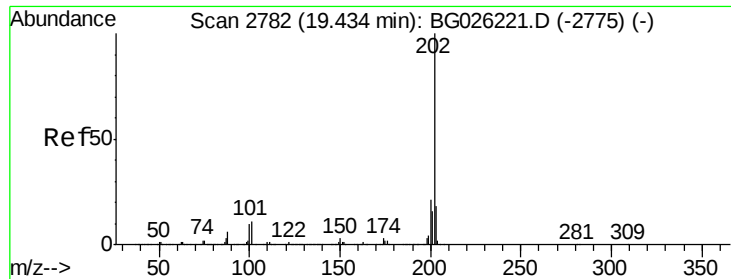
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#16
Anthracene
Concen: 1.73 ng/ul
RT: 17.52 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG026224.D
Acq: 14 Mar 2017 23:04

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.7	19.1
176	16.3	15.8	23.8





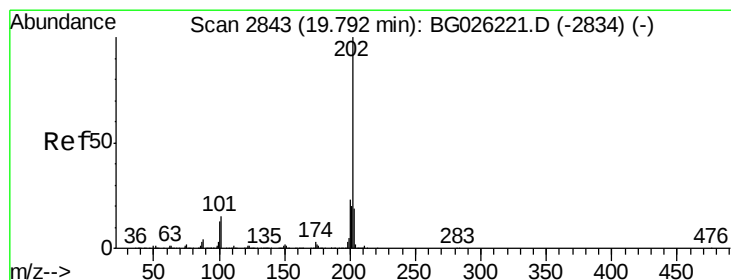
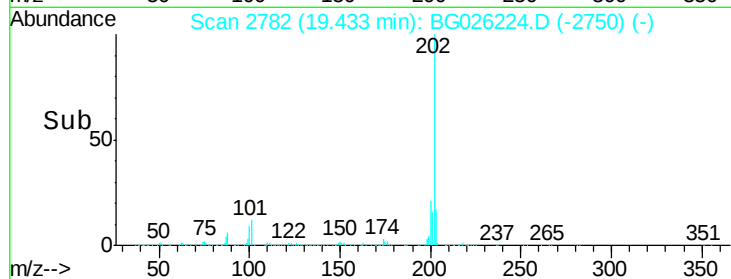
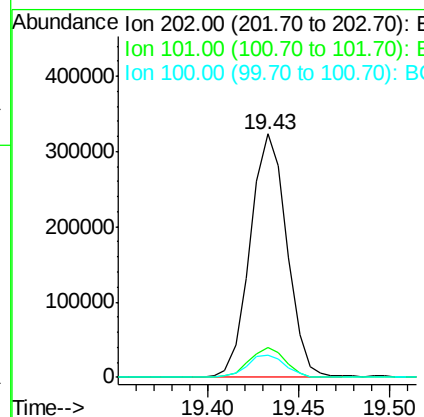
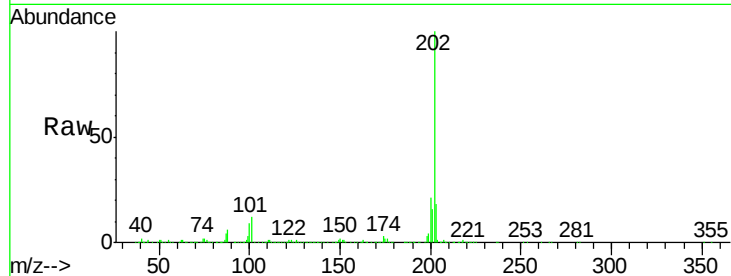
#17
Fluoranthene
 Concen: 15.65 ng/ul
 RT: 19.43 min Scan# 2782
 Delta R.T. -0.01 min
 Lab File: BG026224.D
 Acq: 14 Mar 2017 23:04

Instrument :
 BNA_G
 ClientSampleId :
 CB2W7

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		454218		
101	12.1	9.8	14.8		
100	9.0	7.5	11.3		

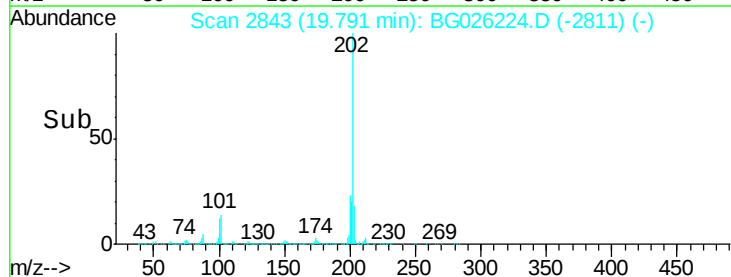
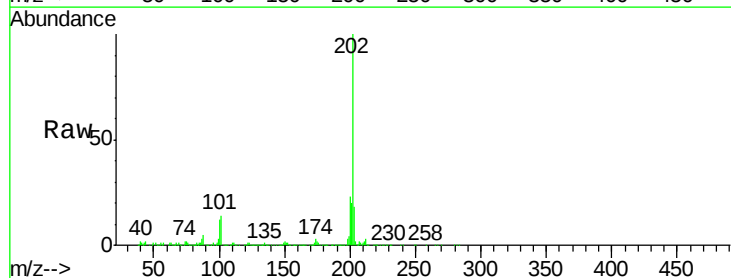
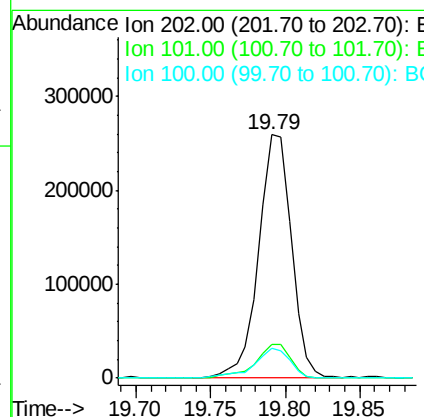
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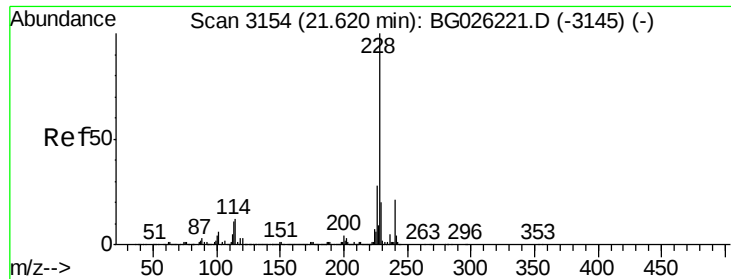
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#20
Pyrene
 Concen: 11.39 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. -0.01 min
 Lab File: BG026224.D
 Acq: 14 Mar 2017 23:04

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		391510		
101	14.1	11.2	16.8		
100	12.3	9.8	14.6		





#21

Benzo(a)anthracene

Concen: 7.36 ng/ul

RT: 21.62 min Scan# 3154

Delta R.T. -0.01 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Instrument :

BNA_G

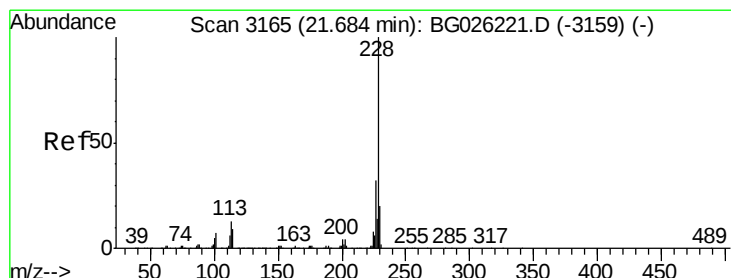
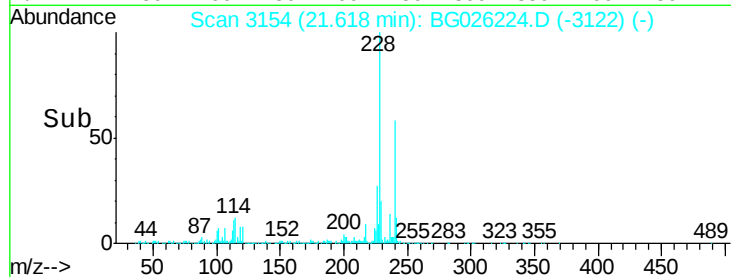
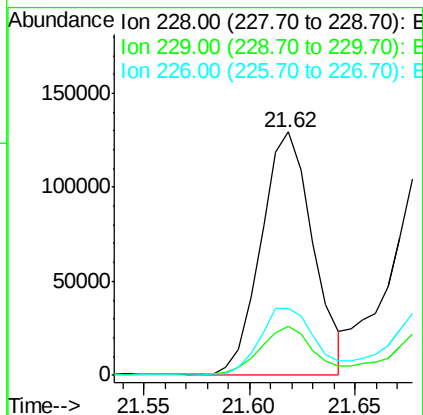
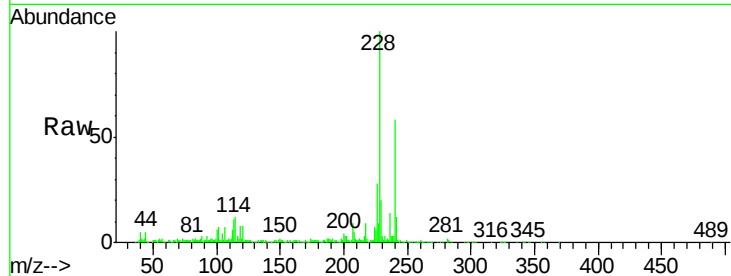
ClientSampleId :

CB2W7

Tgt	Ion:228	Resp:	220971
Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	27.6	22.1	33.1

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#22

Chrysene

Concen: 7.74 ng/ul

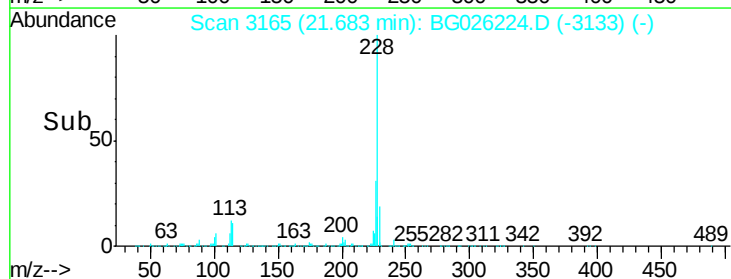
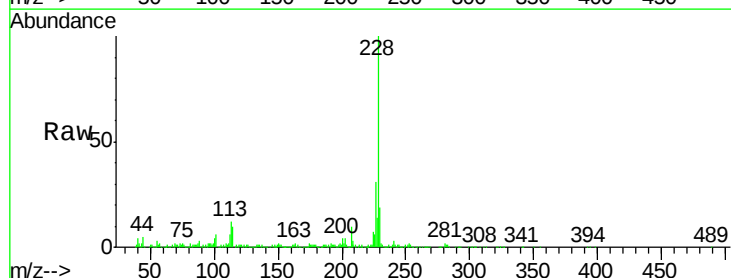
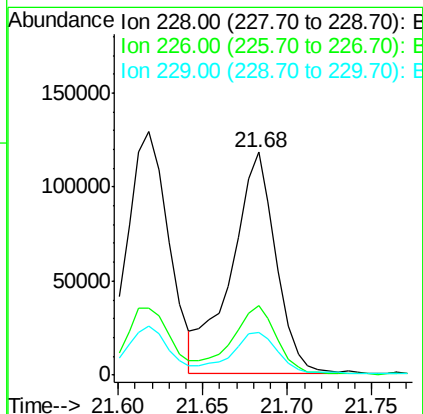
RT: 21.68 min Scan# 3165

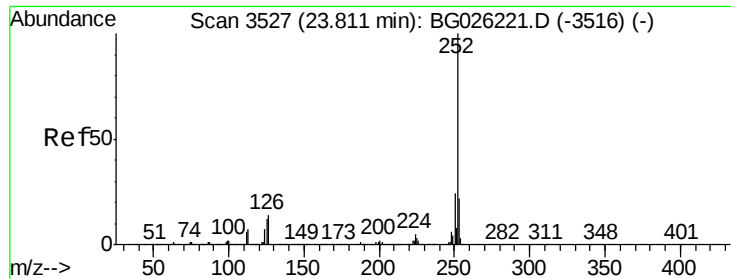
Delta R.T. -0.01 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Tgt	Ion:228	Resp:	216869
Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.0	37.6
229	19.3	16.6	25.0





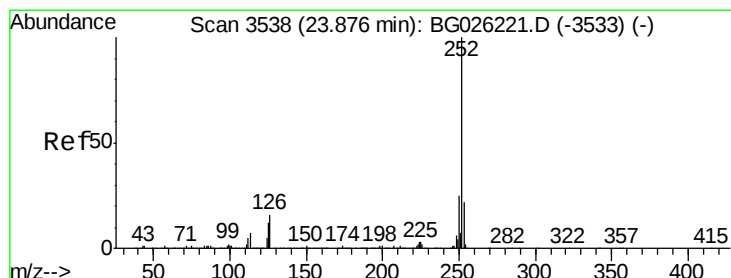
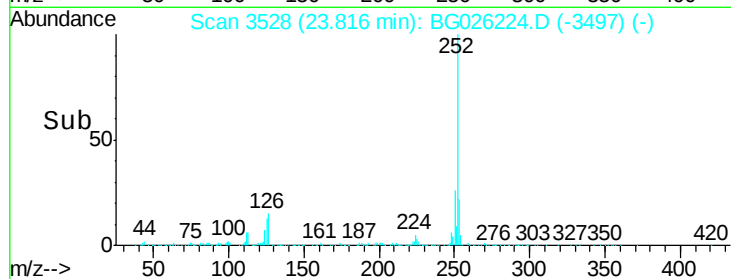
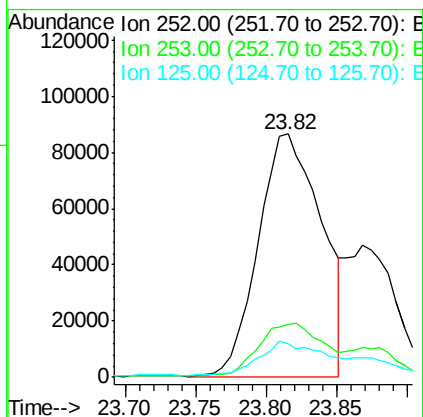
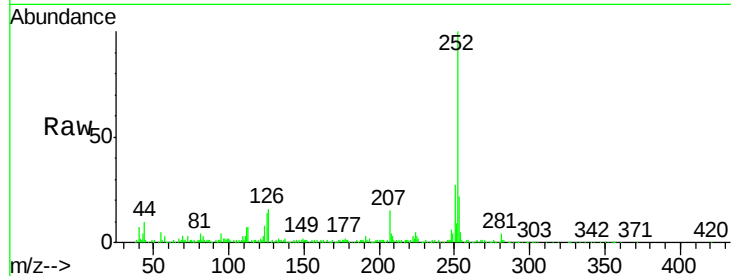
#24
Benzo(b)fluoranthene
Concen: 9.23 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. -0.02 min
Lab File: BG026224.D
Acq: 14 Mar 2017 23:04

Instrument :
BNA_G
ClientSampled :
CB2W7

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.8	26.6
125	13.6	9.4	14.0

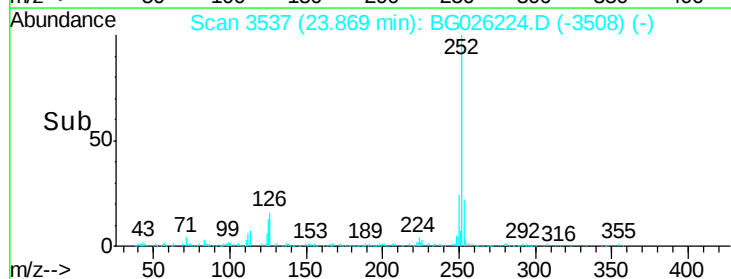
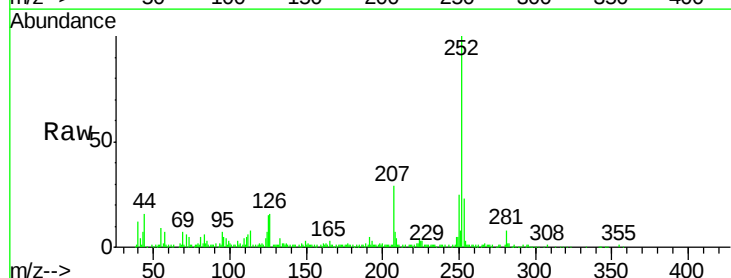
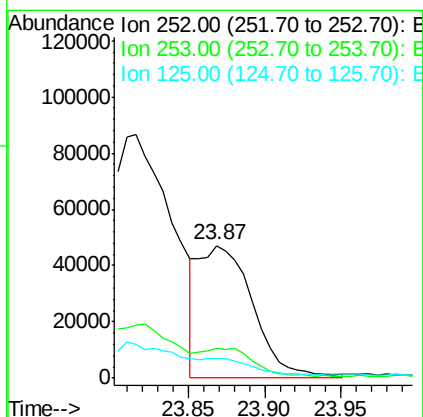
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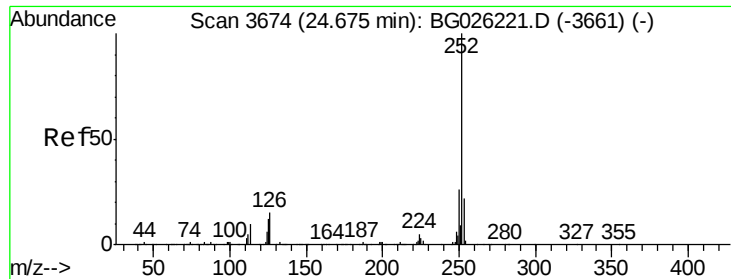
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#25
Benzo(k)fluoranthene
Concen: 4.20 ng/ul m
RT: 23.87 min Scan# 3537
Delta R.T. -0.03 min
Lab File: BG026224.D
Acq: 14 Mar 2017 23:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.2
125	14.6	8.8	13.2#





#27

Benzo(a)pyrene

Concen: 6.86 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. -0.03 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Instrument :

BNA_G

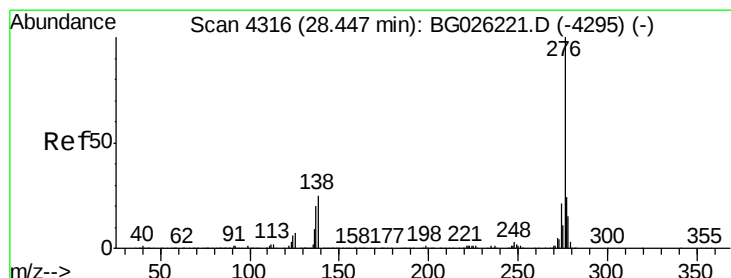
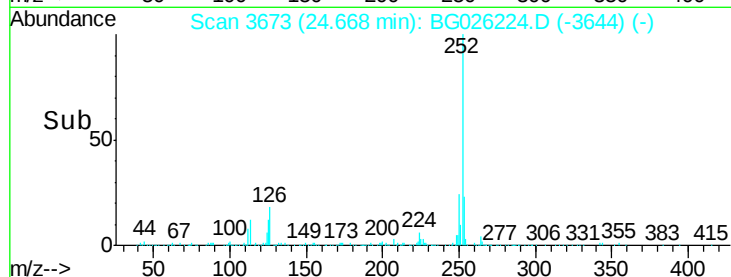
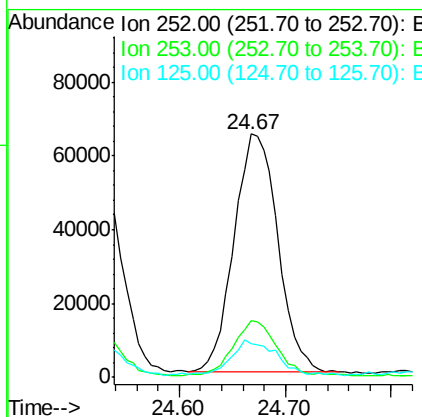
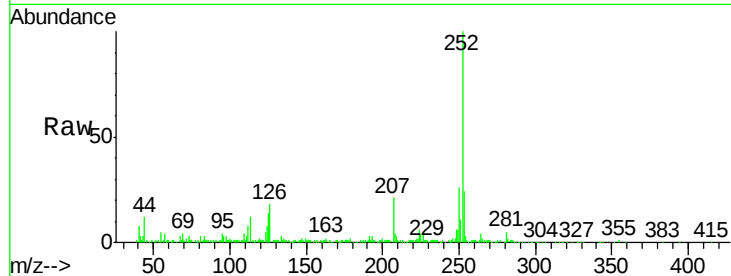
ClientSampleId :

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Tgt Ion:	252	Resp:	186208
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.1	25.7
125	13.9	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 4.48 ng/ul m

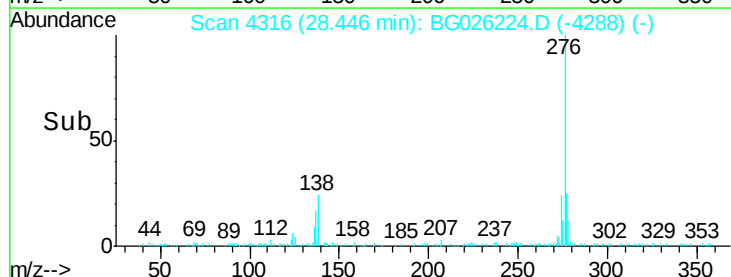
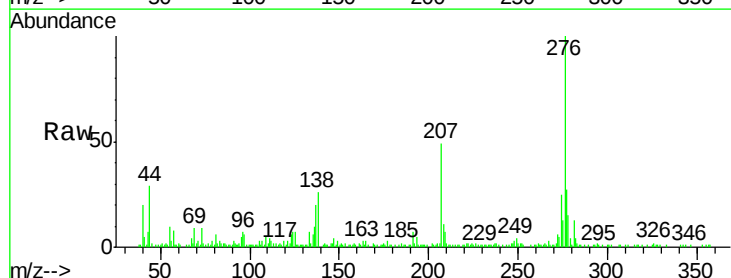
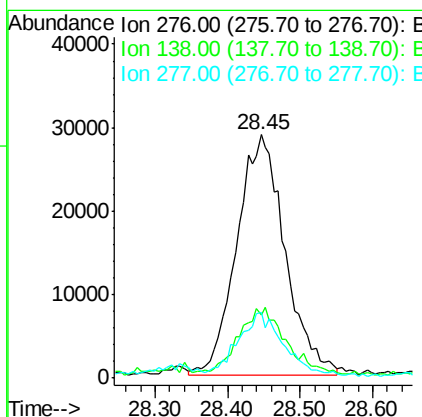
RT: 28.45 min Scan# 4316

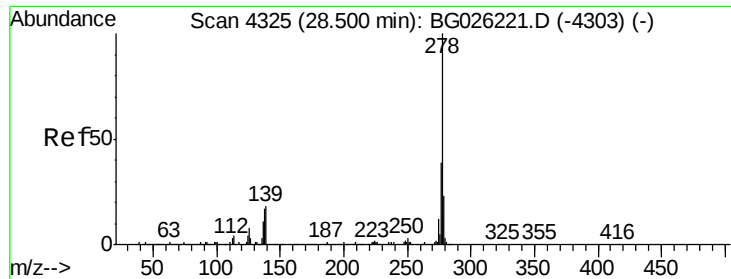
Delta R.T. -0.03 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Tgt Ion:	276	Resp:	134381
Ion Ratio	Lower	Upper	
276	100		
138	26.0	17.8	26.6
277	26.9	19.4	29.0





#29

Dibenzo(a,h)anthracene

Concen: 1.53 ng/ul m

RT: 28.49 min Scan# 4323

Delta R.T. -0.06 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Instrument :

BNA_G

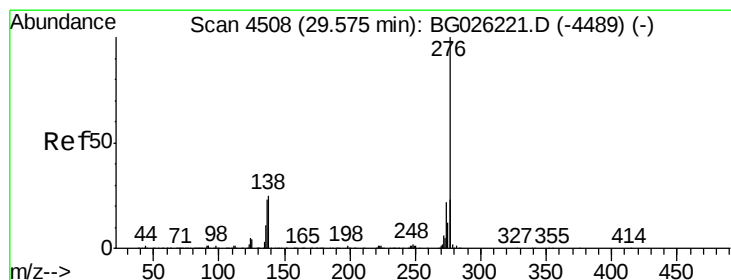
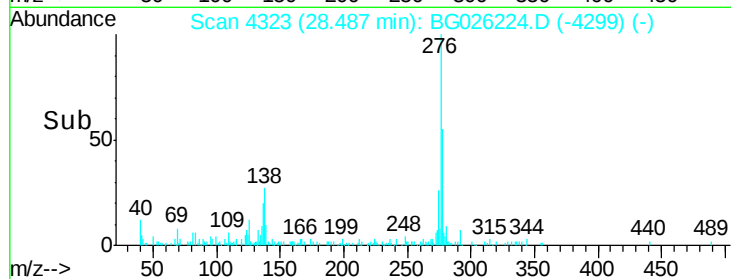
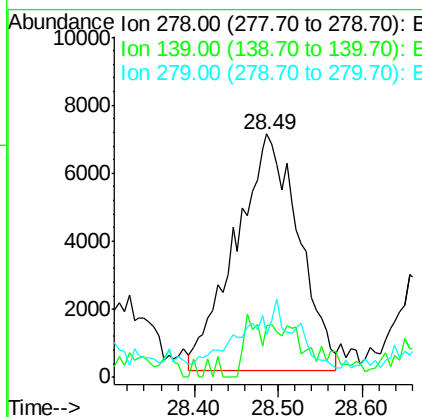
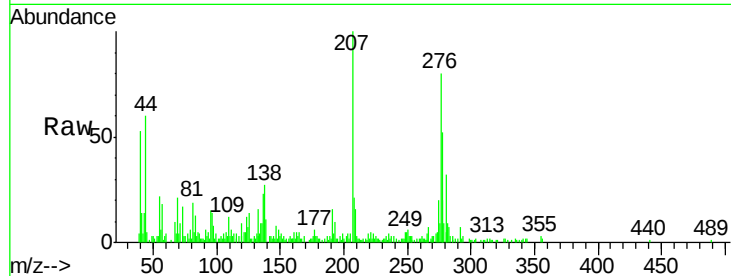
ClientSampleId :

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Tgt Ion:	278	Resp:	36267
Ion Ratio	Lower	Upper	
278	100		
139	21.3	14.0	21.0#
279	17.5	20.6	31.0#

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#30

Benzo(g,h,i)perylene

Concen: 4.75 ng/ul

RT: 29.58 min Scan# 4509

Delta R.T. -0.03 min

Lab File: BG026224.D

Acq: 14 Mar 2017 23:04

Tgt Ion:	276	Resp:	121858
Ion Ratio	Lower	Upper	
276	100		
138	30.5	19.0	28.4#
277	22.4	19.7	29.5

