

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026312.D
 Acq On : 18 Mar 2017 11:01
 Operator : SJ/MA
 Sample : I2283-13
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB312

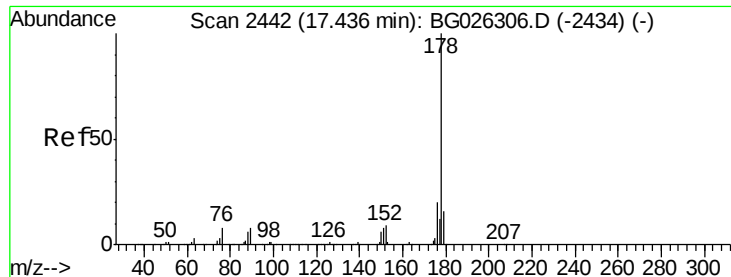
Manual Integrations
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Quant Time: Mar 20 03:46:32 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 20 03:22:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	161342	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	728471	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	397753	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	783571	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	785509	20.00	ng/ul	0.00
23) Perylene-d12	24.82	264	750766	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	34462	3.19	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	793975	23.41	ng/ul	0.00
10) Fluorene-d10	15.64	176	571969	23.12	ng/ul	0.00
15) Anthracene-d10	17.49	188	763807	21.93	ng/ul	0.00
19) Pyrene-d10	19.77	212	774150	19.31	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	682190	21.07	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	371617	8.95	ng/ul	98
16) Anthracene	17.52	178	71197	1.70	ng/ul	98
17) Fluoranthene	19.43	202	688844	15.98	ng/ul	99
20) Pyrene	19.79	202	598110	11.96	ng/ul	99
21) Benzo(a)anthracene	21.62	228	355733	8.14	ng/ul	99
22) Chrysene	21.68	228	343331	8.42	ng/ul	99
24) Benzo(b)fluoranthene	23.81	252	480085	11.26	ng/ul	99
25) Benzo(k)fluoranthene	23.88	252	151169m	3.71	ng/ul	
27) Benzo(a)pyrene	24.67	252	273438	6.90	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.44	276	165213m	3.78	ng/ul	
29) Dibenzo(a,h)anthracene	28.50	278	41051m	1.18	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	120485m	3.22	ng/ul	

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



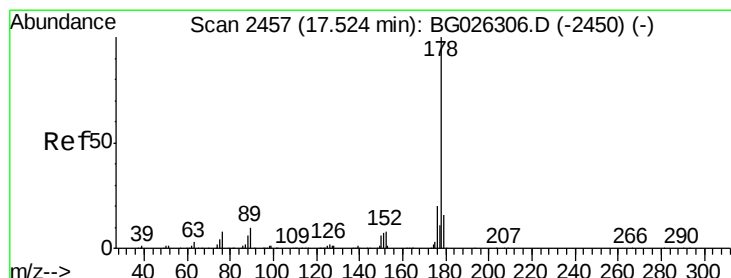
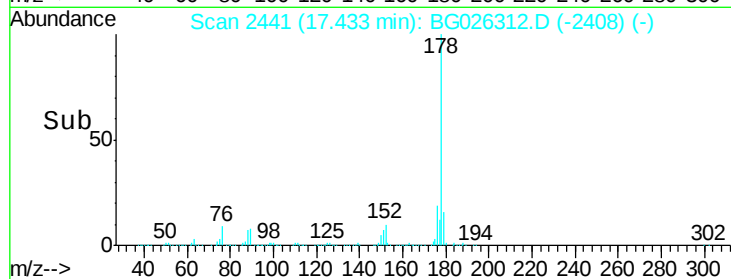
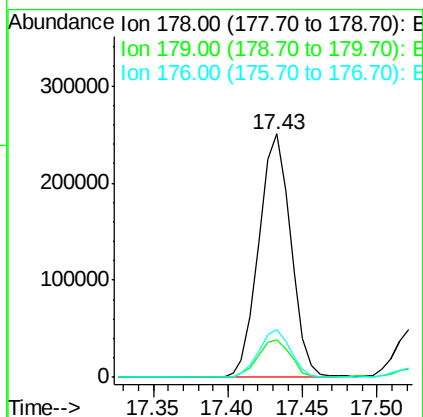
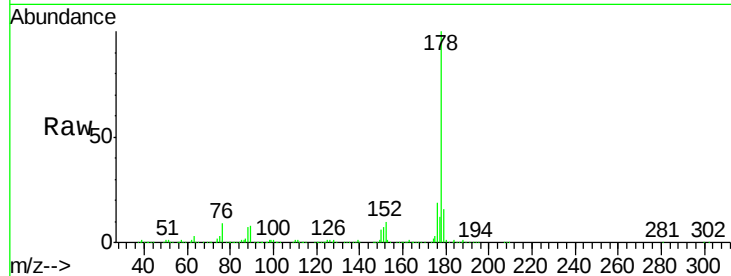
#14
Phenanthrene
Concen: 8.95 ng/ul
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
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CB312

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.4	16.4	24.6

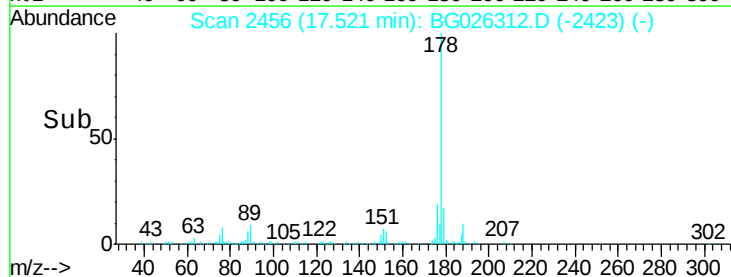
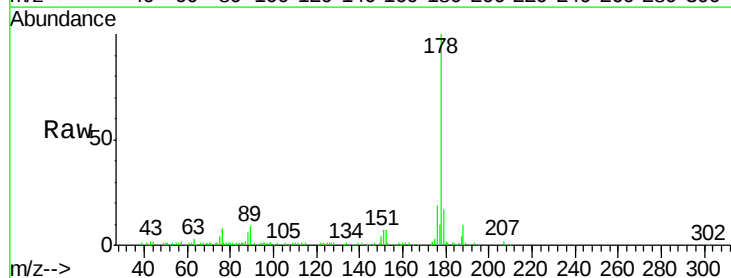
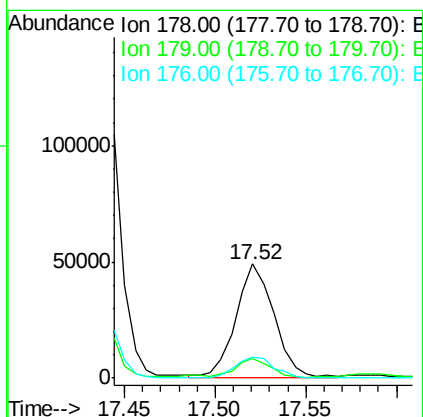
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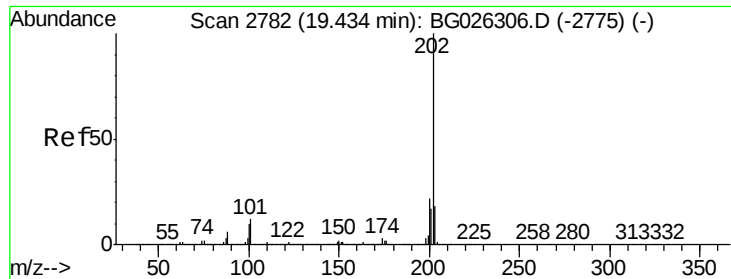
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#16
Anthracene
Concen: 1.70 ng/ul
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.7	19.1
176	18.6	15.8	23.8





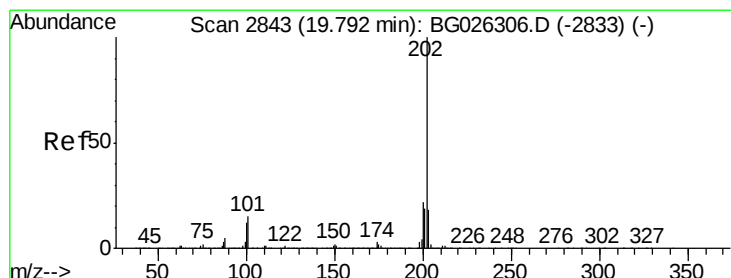
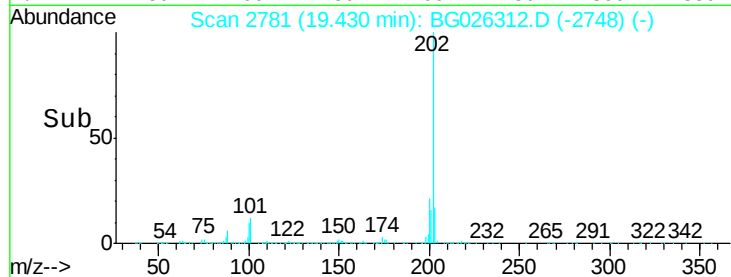
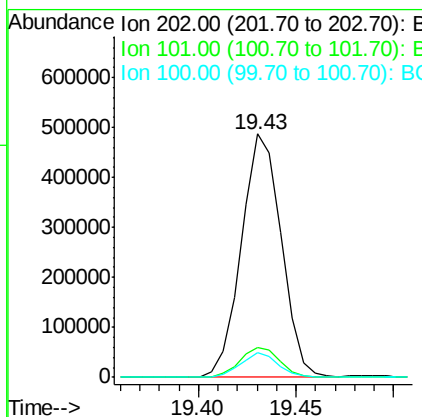
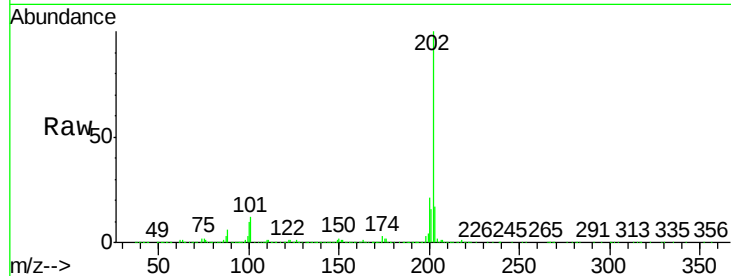
#17
Fluoranthene
 Concen: 15.98 ng/ul
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG026312.D
 Acq: 18 Mar 2017 11:01

Instrument :
 BNA_G
 ClientSampleId :
 CB312

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	688844		
101	12.4	9.8	14.8	
100	10.1	7.5	11.3	

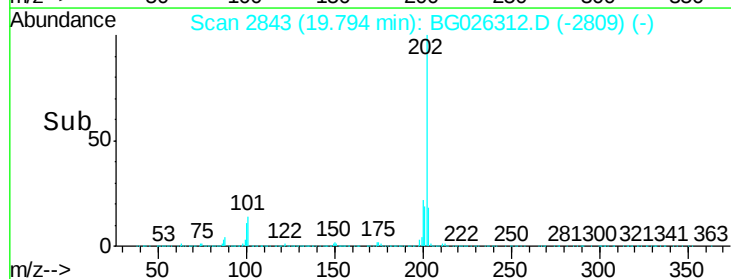
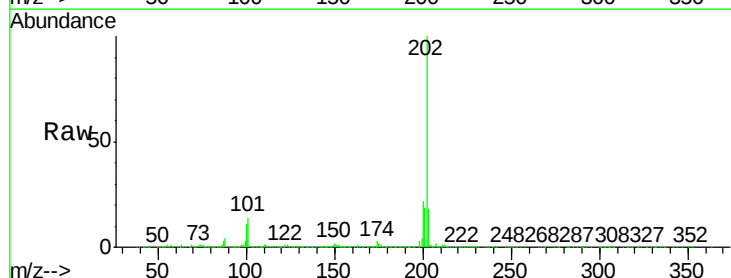
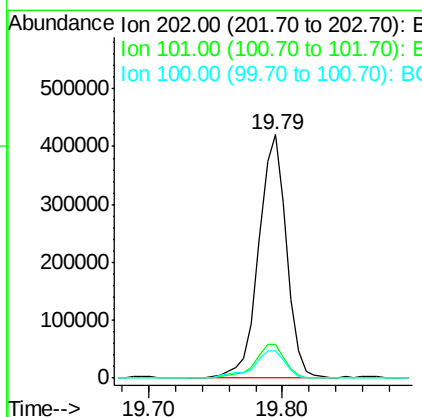
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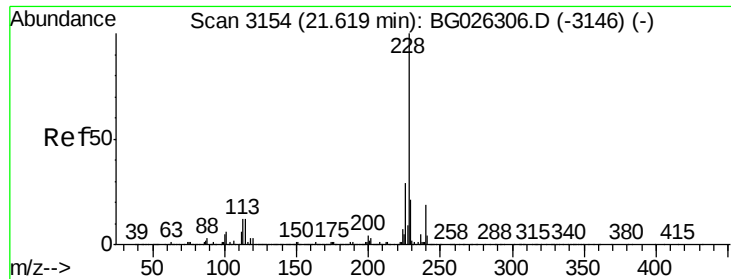
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#20
Pyrene
 Concen: 11.96 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BG026312.D
 Acq: 18 Mar 2017 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	598110		
101	14.1	11.2	16.8	
100	11.4	9.8	14.6	





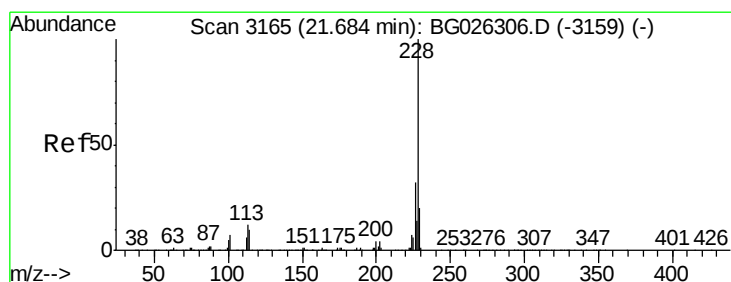
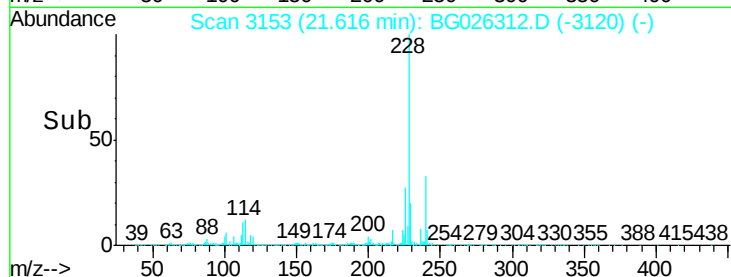
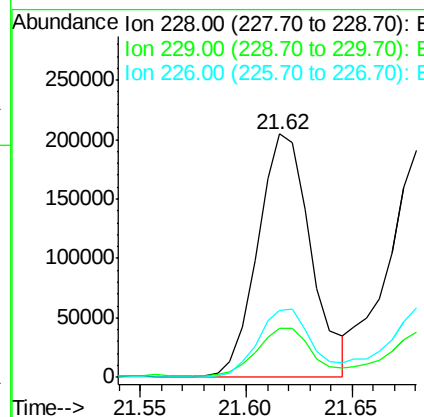
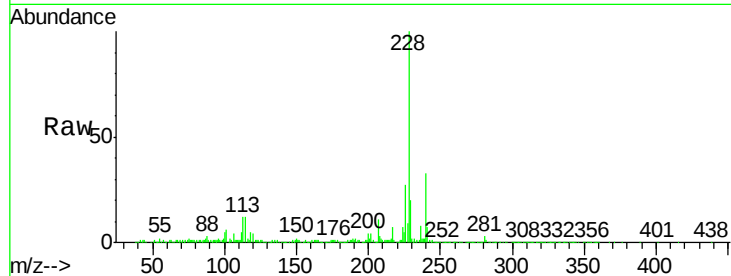
#21
Benzo(a)anthracene
Concen: 8.14 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
BNA_G
ClientSampled :
CB312

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.3	22.1	33.1

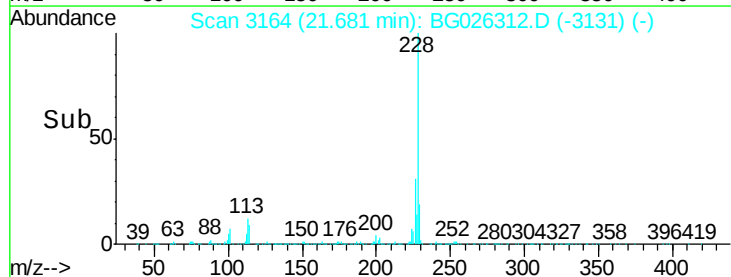
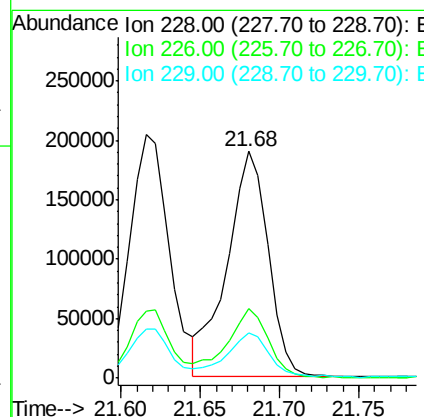
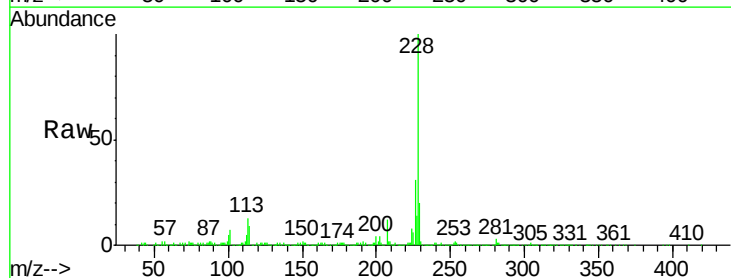
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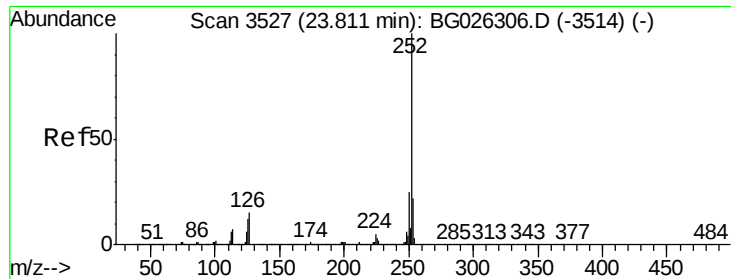
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#22
Chrysene
Concen: 8.42 ng/ul
RT: 21.68 min Scan# 3164
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 11.26 ng/ul

RT: 23.81 min Scan# 3527

Delta R.T. 0.00 min

Lab File: BG026312.D

Acq: 18 Mar 2017 11:01

Instrument :

BNA_G

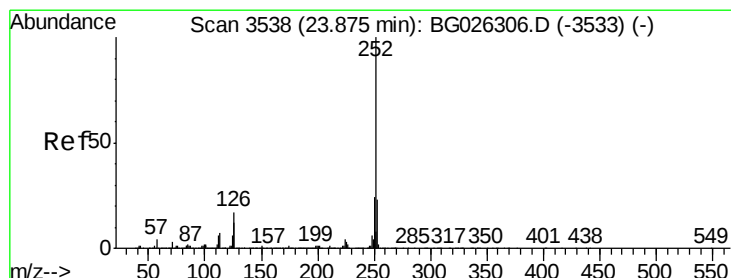
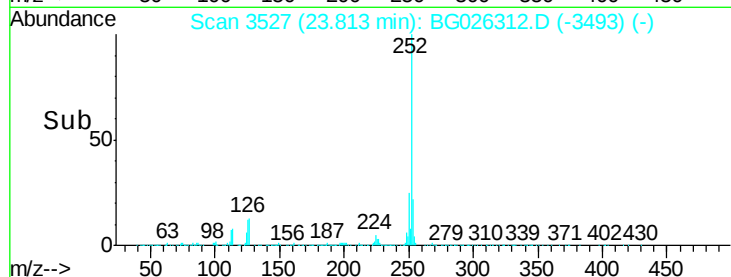
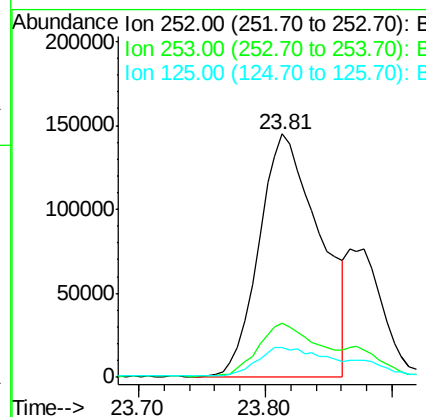
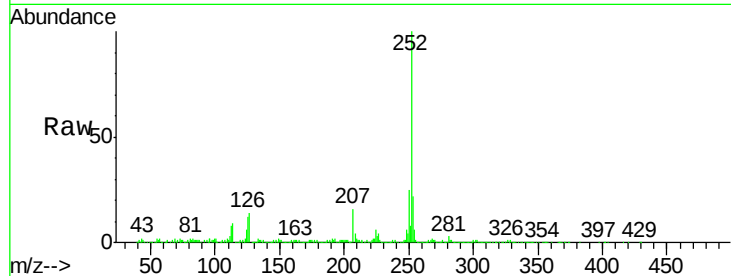
ClientSampleId :

CB312

Tgt Ion:	252	Resp:	480085
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.8	26.6
125	12.4	9.4	14.0

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#25

Benzo(k)fluoranthene

Concen: 3.71 ng/ul m

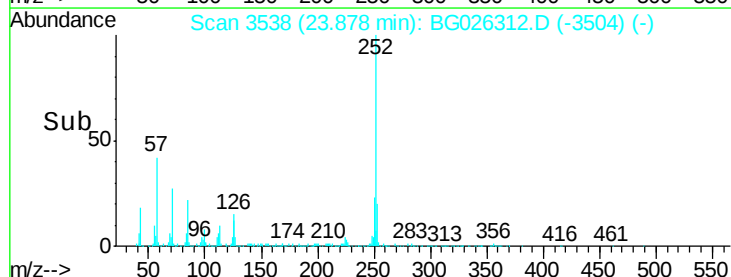
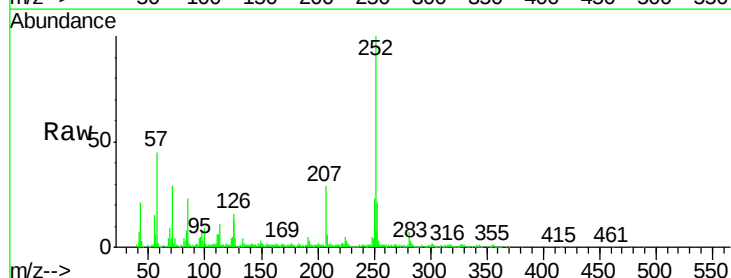
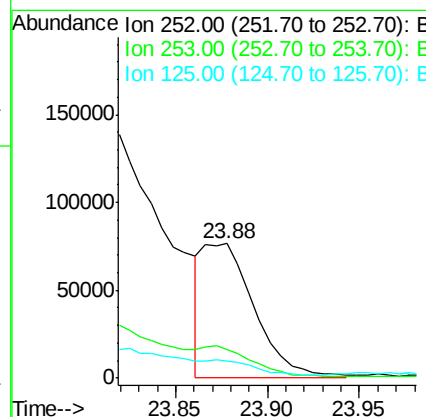
RT: 23.88 min Scan# 3538

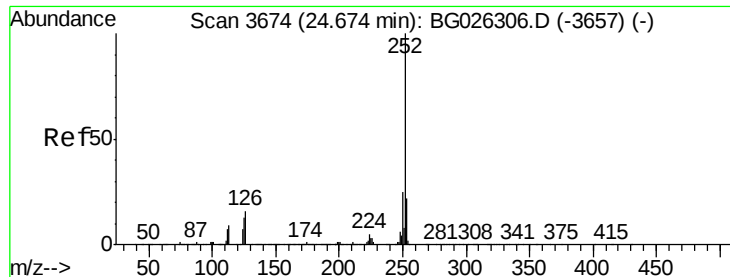
Delta R.T. 0.00 min

Lab File: BG026312.D

Acq: 18 Mar 2017 11:01

Tgt Ion:	252	Resp:	151169
Ion Ratio	Lower	Upper	
252	100		
253	21.1	17.4	26.2
125	13.0	8.8	13.2





#27

Benzo(a)pyrene

Concen: 6.90 ng/ul

RT: 24.67 min Scan# 3673

Delta R.T. -0.00 min

Lab File: BG026312.D

Acq: 18 Mar 2017 11:01

Instrument :

BNA_G

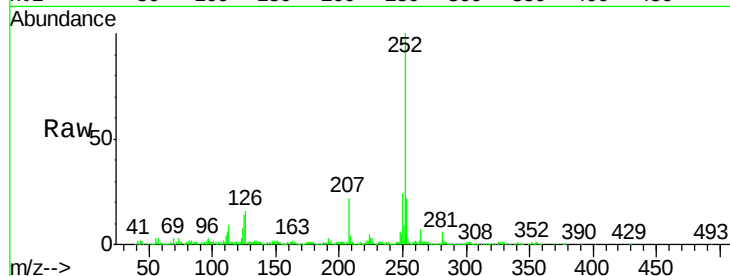
ClientSampleId :

CB312

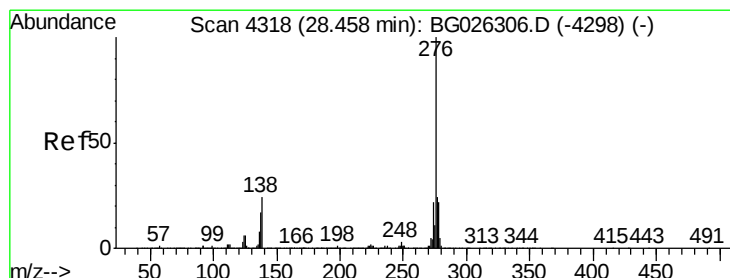
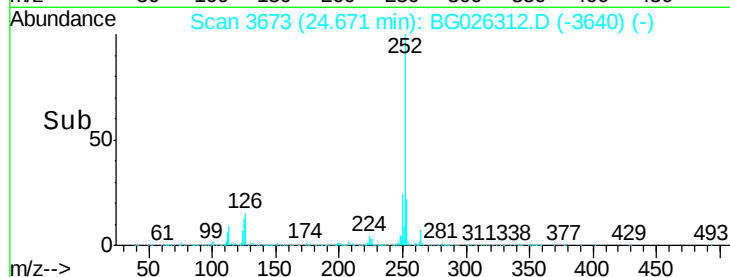
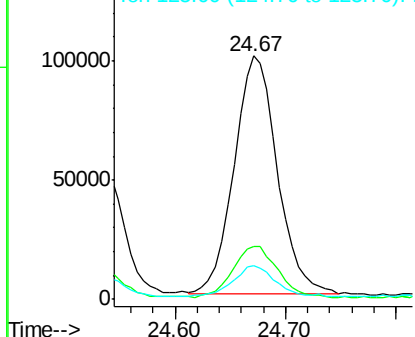
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.1	25.7
125	14.0	9.4	14.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#28

Indeno(1,2,3-cd)pyrene

Concen: 3.78 ng/ul m

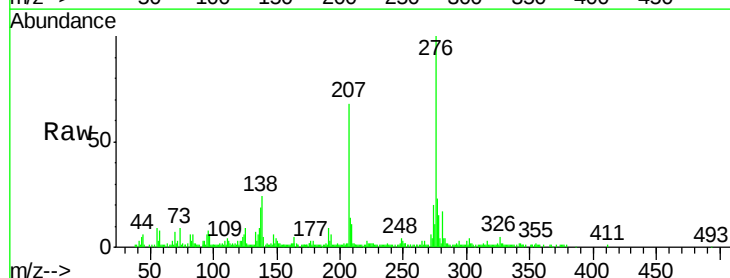
RT: 28.44 min Scan# 4315

Delta R.T. -0.02 min

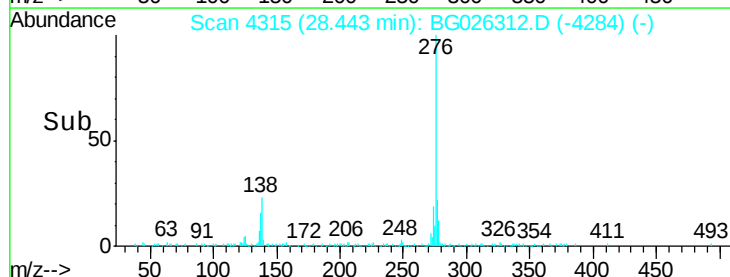
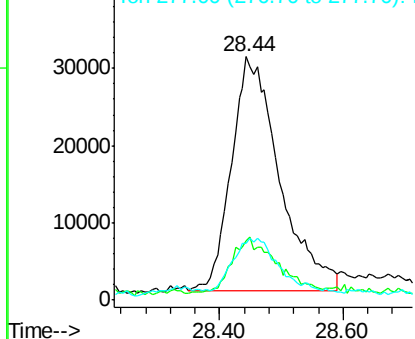
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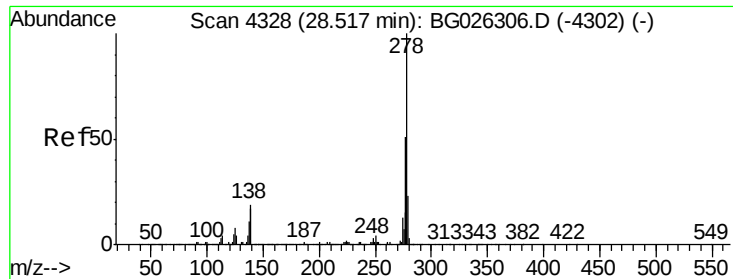
Acq: 18 Mar 2017 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.8	26.6
277	23.4	19.4	29.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





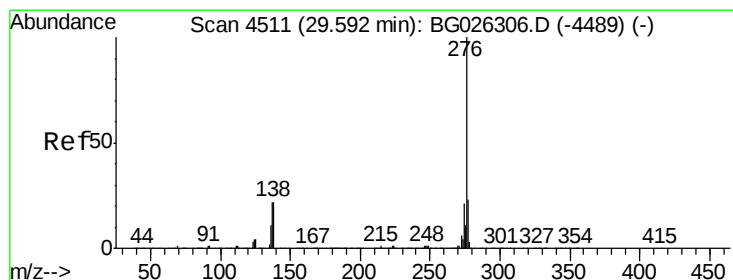
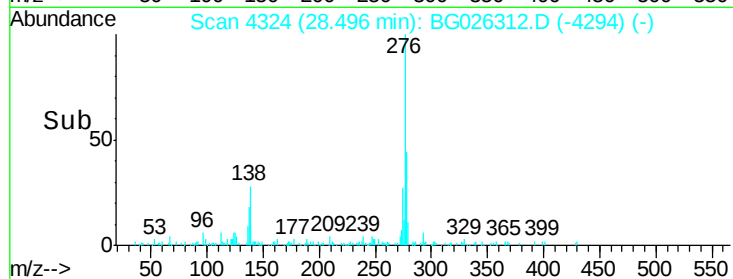
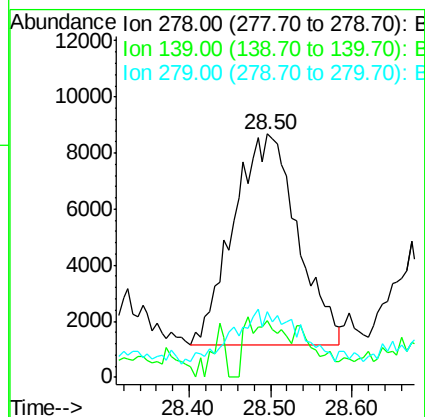
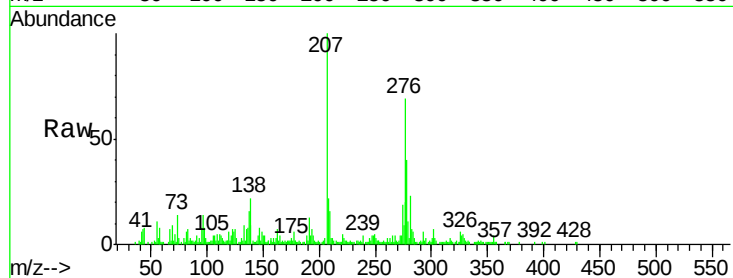
#29
Dibenzo(a,h)anthracene
Concen: 1.18 ng/ul m
RT: 28.50 min Scan# 4324
Delta R.T. -0.02 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Instrument :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.1	14.0	21.0#
279	27.0	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 3.22 ng/ul m
RT: 29.59 min Scan# 4510
Delta R.T. -0.00 min
Lab File: BG026312.D
Acq: 18 Mar 2017 11:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	19.0	28.4
277	27.1	19.7	29.5

