

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
 Data File : BG026313.D
 Acq On : 18 Mar 2017 11:40
 Operator : SJ/MA
 Sample : I2283-14
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB313

Manual Integrations
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Quant Time: Mar 20 03:48:57 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	8.05	152	196831	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	923921	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	505274	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	998148	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	1015663	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	976479	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	45120	3.30	ng/uL	0.00
7) Acenaphthylene-d8	14.35	160	992857	23.05	ng/ul	0.00
10) Fluorene-d10	15.64	176	714852	22.75	ng/ul	0.00
15) Anthracene-d10	17.49	188	965012	21.75	ng/ul	0.00
19) Pyrene-d10	19.76	212	972129	18.76	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.61	264	869291	20.64	ng/ul	0.00
Target Compounds						
14) Phenanthrene	17.43	178	451089	8.53	ng/ul	99
16) Anthracene	17.52	178	86274	1.61	ng/ul	98
17) Fluoranthene	19.43	202	803733	14.64	ng/ul	99
20) Pyrene	19.80	202	682210	10.55	ng/ul	98
21) Benzo(a)anthracene	21.62	228	417096	7.38	ng/ul	98
22) Chrysene	21.68	228	389429	7.38	ng/ul	99
24) Benzo(b)fluoranthene	23.82	252	537142	9.69	ng/ul	99
25) Benzo(k)fluoranthene	23.87	252	200114m	3.78	ng/ul	
27) Benzo(a)pyrene	24.67	252	321511	6.24	ng/ul	98
28) Indeno(1,2,3-cd)pyrene	28.45	276	191410	3.36	ng/ul	97
29) Dibenzo(a,h)anthracene	28.50	278	53685m	1.19	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	137756m	2.83	ng/ul	

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

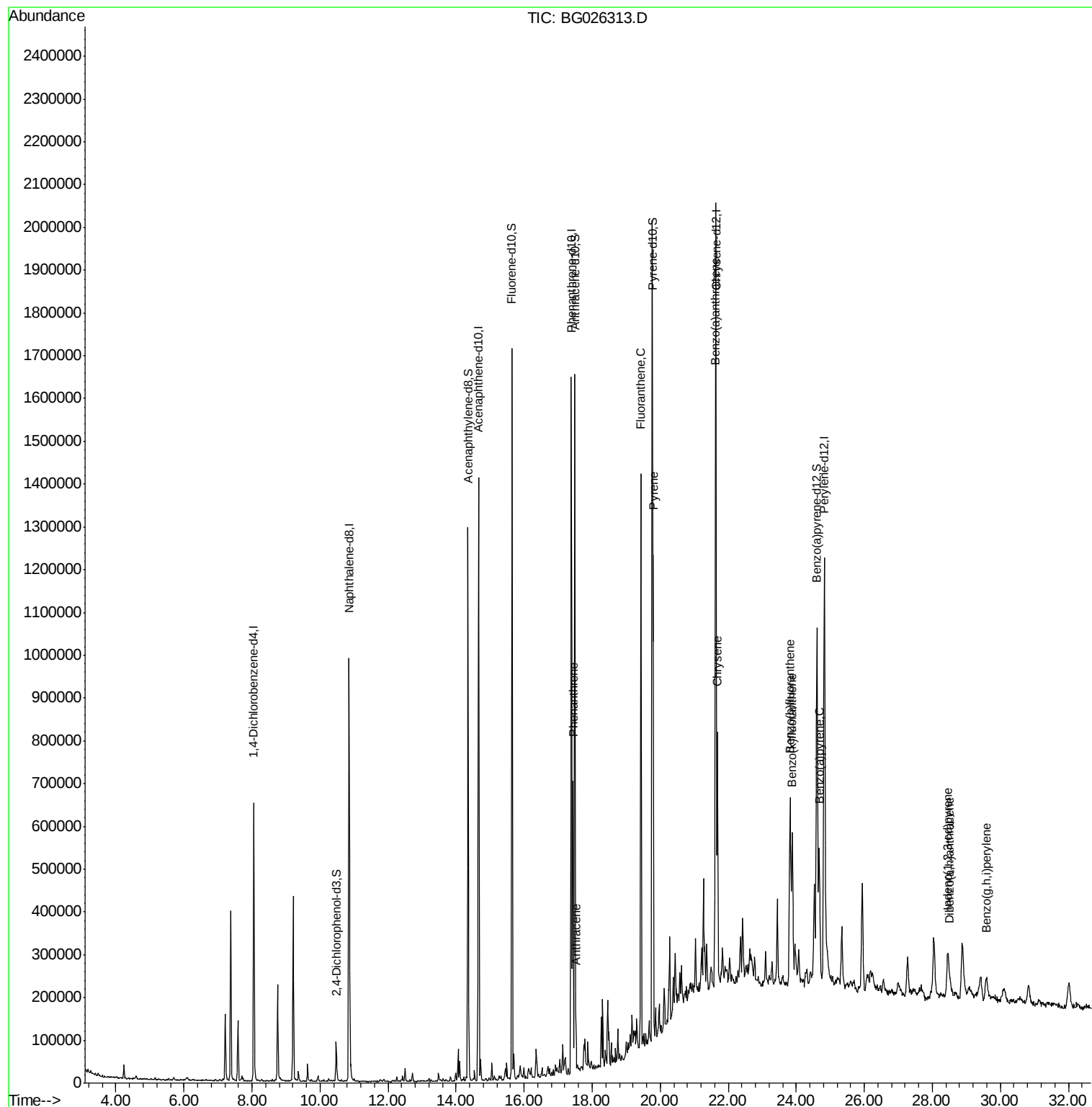
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026313.D
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Operator : SJ/MA
Sample : I2283-14
Misc :
ALS Vial : 36 Sample Multiplier: 1

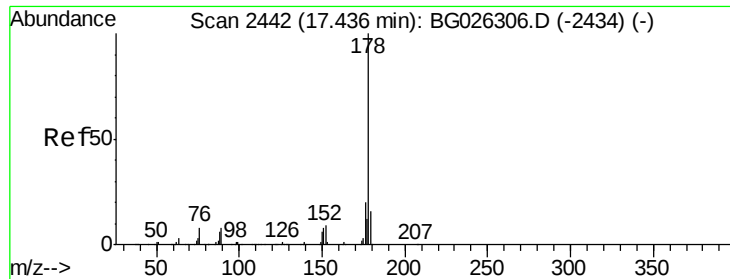
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#14

Phenanthrene

Concen: 8.53 ng/ul

RT: 17.43 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG026313.D

Acq: 18 Mar 2017 11:40

Instrument :

BNA_G

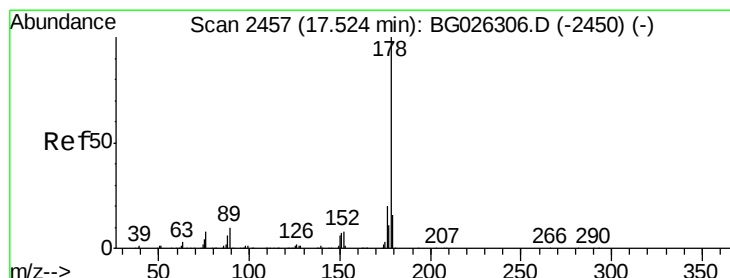
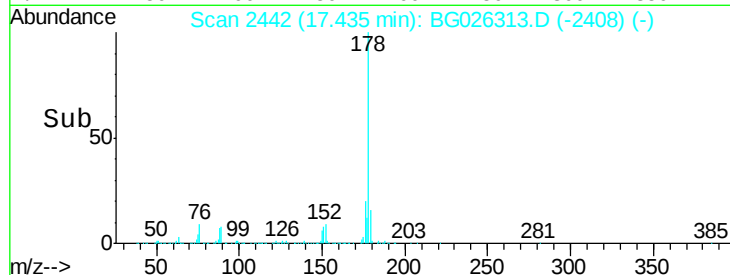
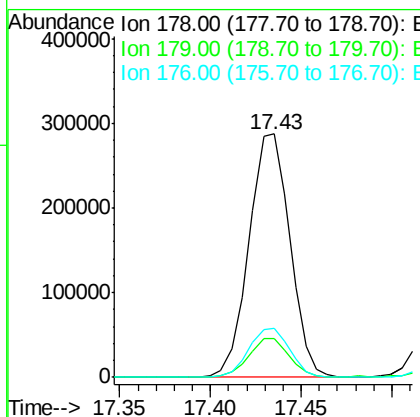
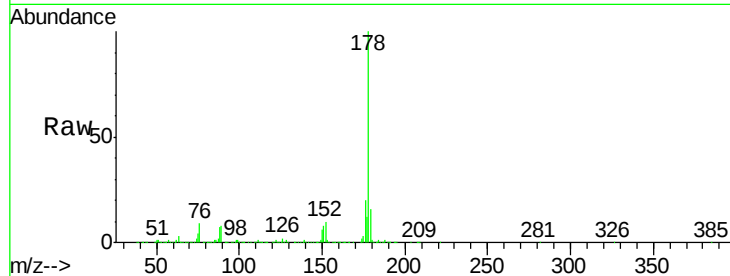
ClientSampleId :

CB313

Tgt Ion:	178	Resp:	451089
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	20.0	16.4	24.6

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#16

Anthracene

Concen: 1.61 ng/ul

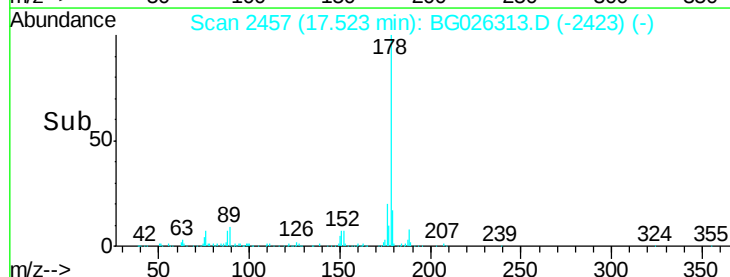
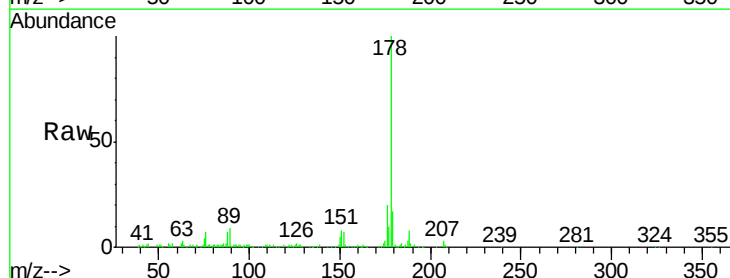
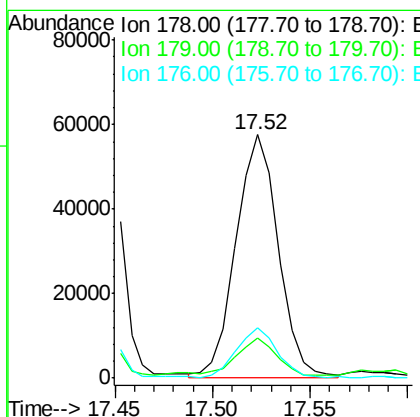
RT: 17.52 min Scan# 2457

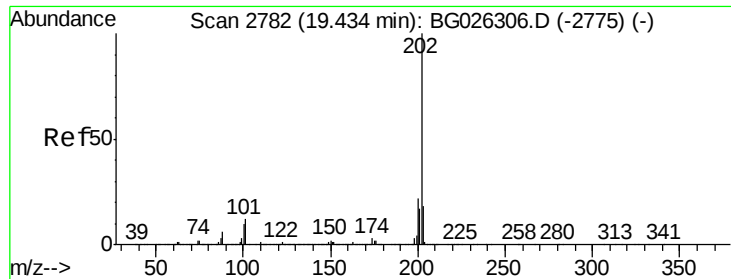
Delta R.T. -0.00 min

Lab File: BG026313.D

Acq: 18 Mar 2017 11:40

Tgt Ion:	178	Resp:	86274
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.7	19.1
176	20.5	15.8	23.8





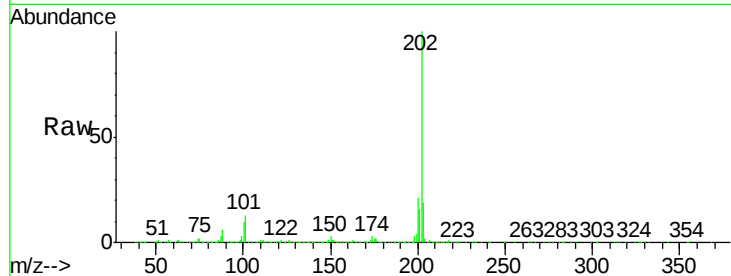
#17
Fluoranthene
Concen: 14.64 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. -0.00 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

Instrument :
BNA_G
ClientSampleId :
CB313

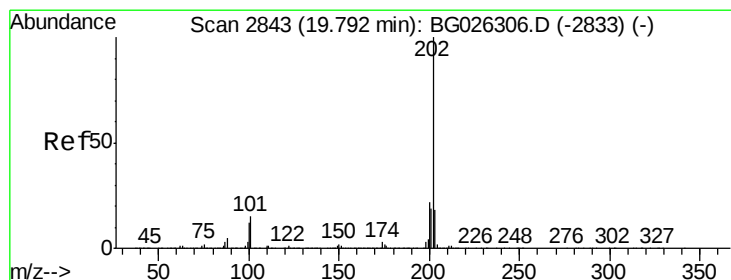
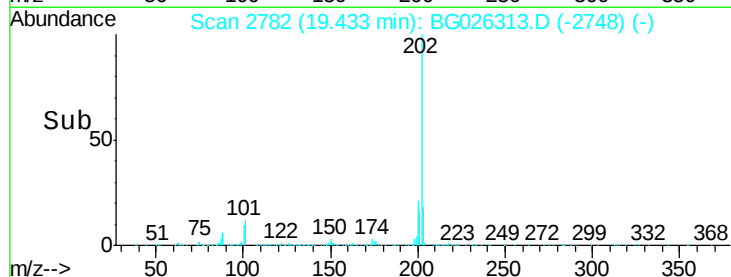
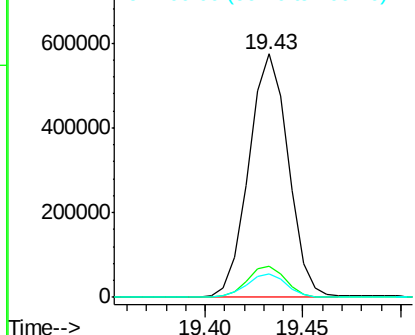
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	9.8	14.8
100	9.7	7.5	11.3

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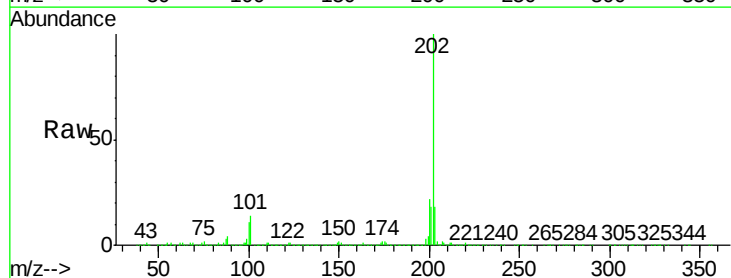


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

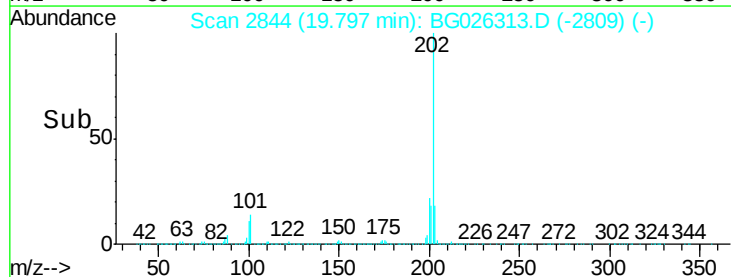
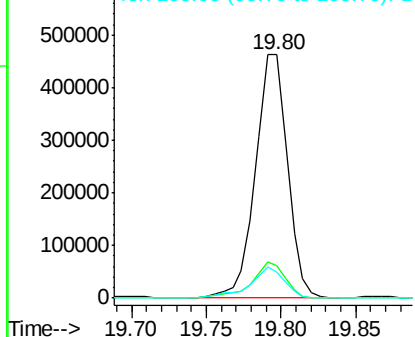


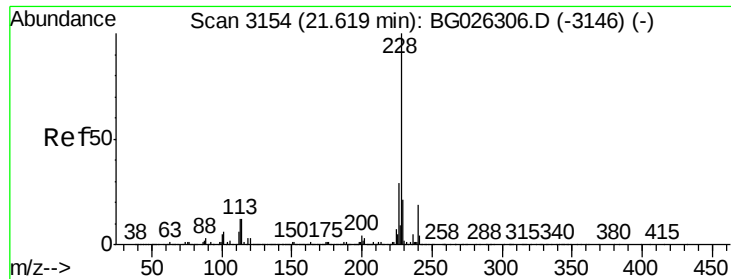
#20
Pyrene
Concen: 10.55 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.6	11.2	16.8
100	10.8	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





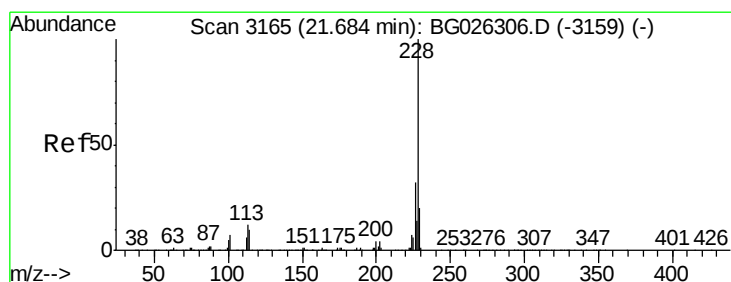
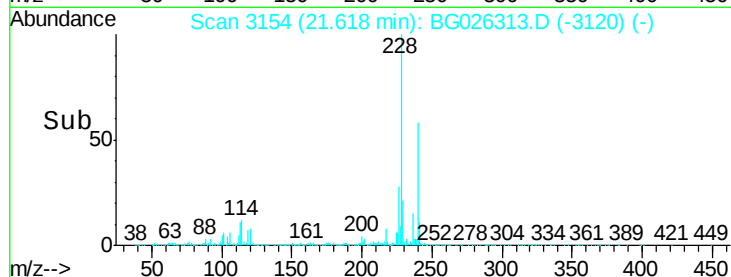
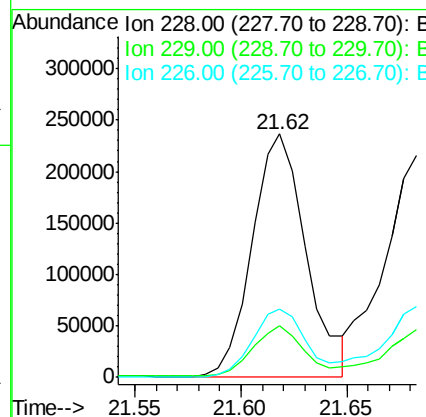
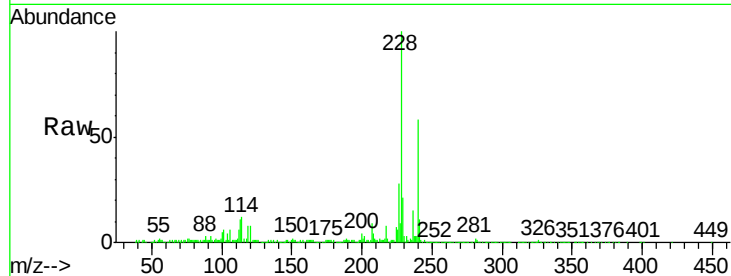
#21
Benzo(a)anthracene
Concen: 7.38 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. -0.00 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

Instrument :
BNA_G
ClientSampleId :
CB313

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.9	23.9
226	28.2	22.1	33.1

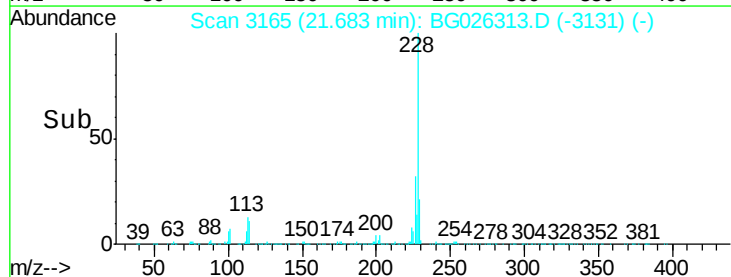
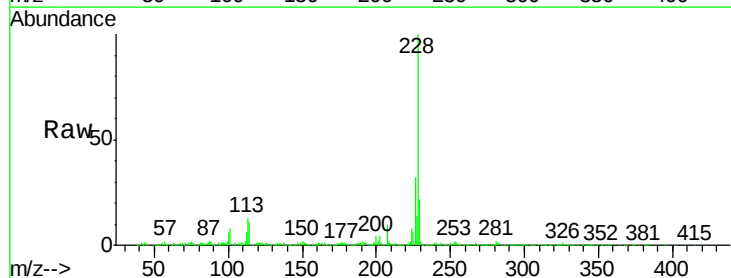
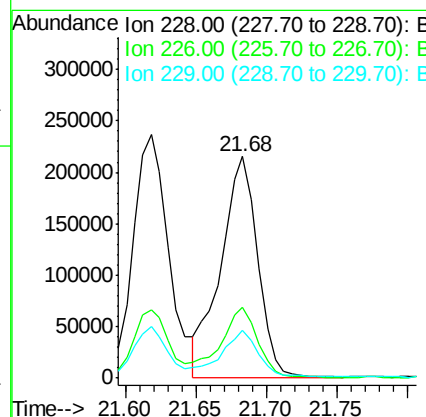
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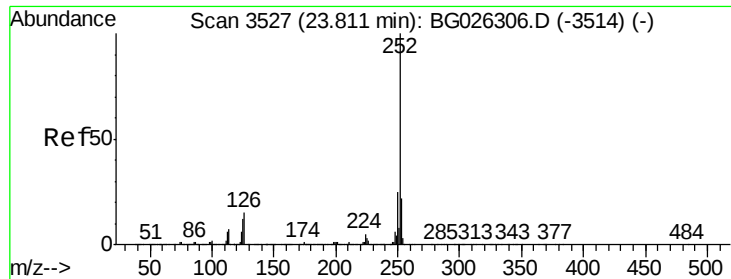
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#22
Chrysene
Concen: 7.38 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.00 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.0	37.6
229	21.5	16.6	25.0





#24

Benzo(b)fluoranthene

Concen: 9.69 ng/ul

RT: 23.82 min Scan# 3528

Delta R.T. 0.01 min

Lab File: BG026313.D

Acq: 18 Mar 2017 11:40

Instrument :

BNA_G

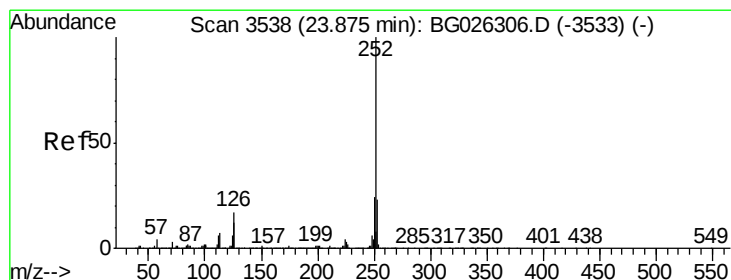
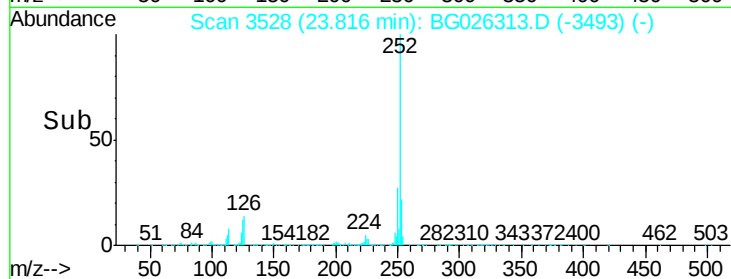
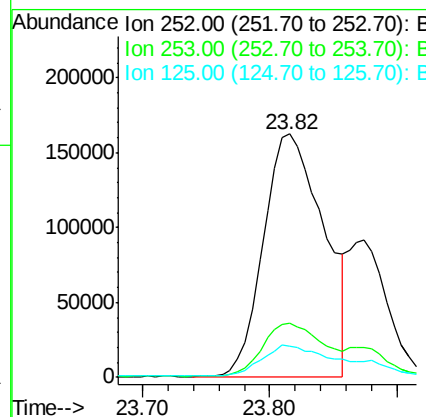
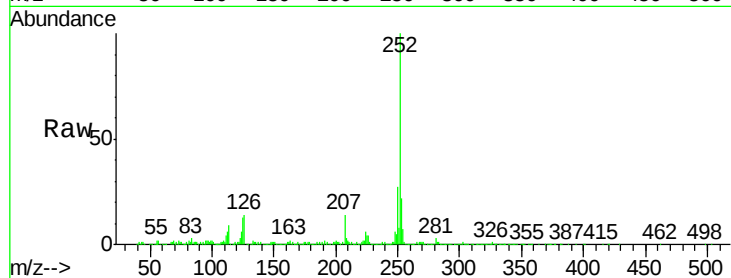
ClientSampleId :

CB313

Tgt Ion:	252	Resp:	537142
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.8	26.6
125	12.9	9.4	14.0

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#25

Benzo(k)fluoranthene

Concen: 3.78 ng/ul m

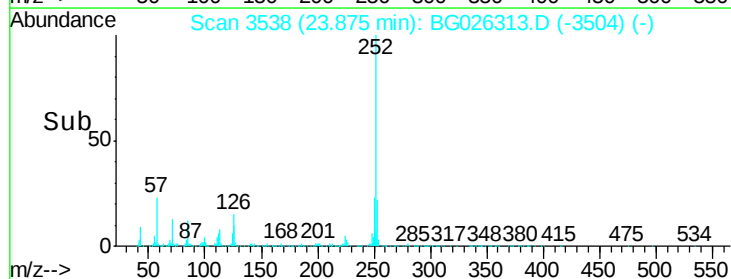
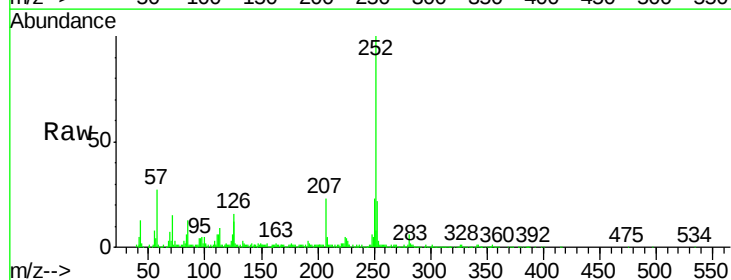
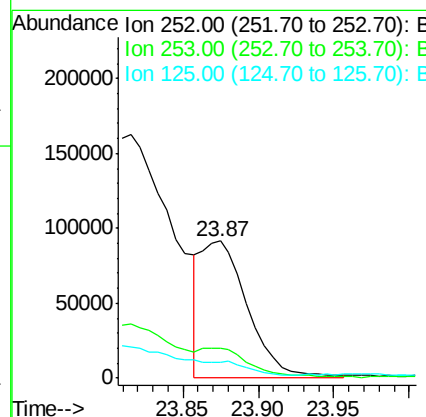
RT: 23.87 min Scan# 3538

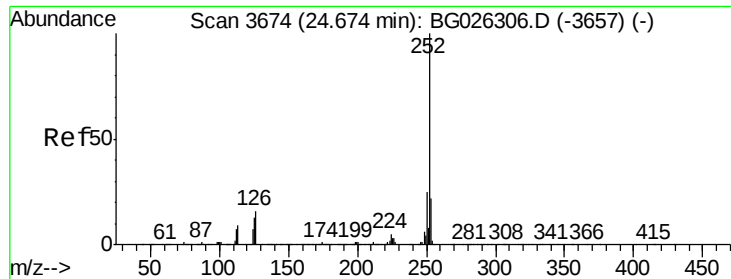
Delta R.T. -0.00 min

Lab File: BG026313.D

Acq: 18 Mar 2017 11:40

Tgt Ion:	252	Resp:	200114
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.4	26.2
125	11.8	8.8	13.2





#27

Benzo(a)pyrene

Concen: 6.24 ng/ul

RT: 24.67 min Scan# 3674

Delta R.T. -0.00 min

Lab File: BG026313.D

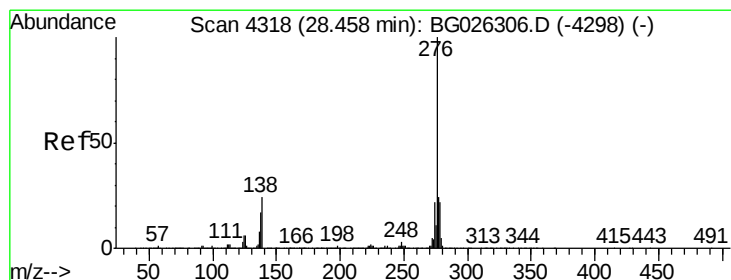
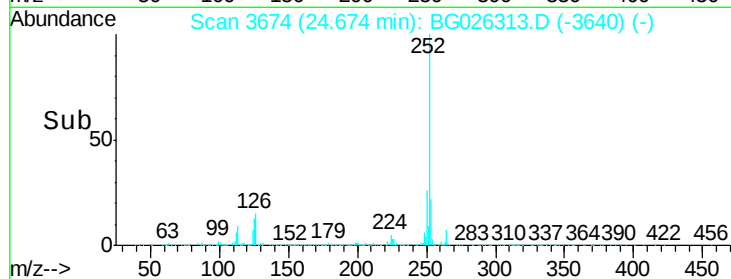
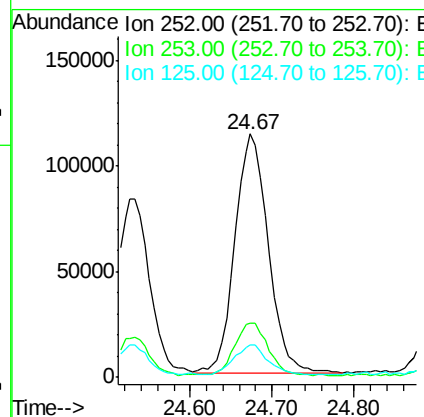
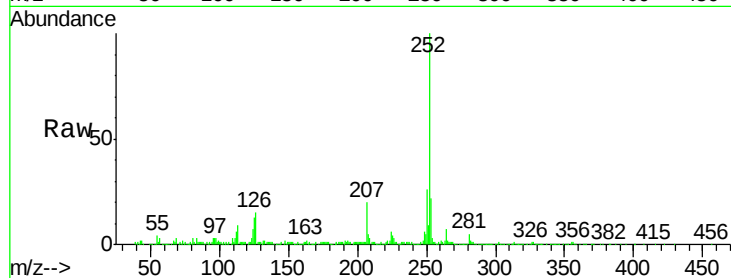
Acq: 18 Mar 2017 11:40

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.1	17.1	25.7
125	13.5	9.4	14.2

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#28

Indeno(1,2,3-cd)pyrene

Concen: 3.36 ng/ul

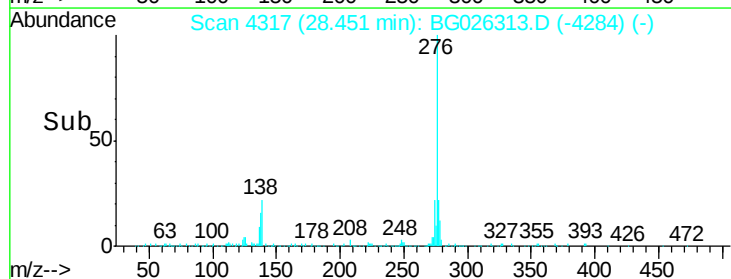
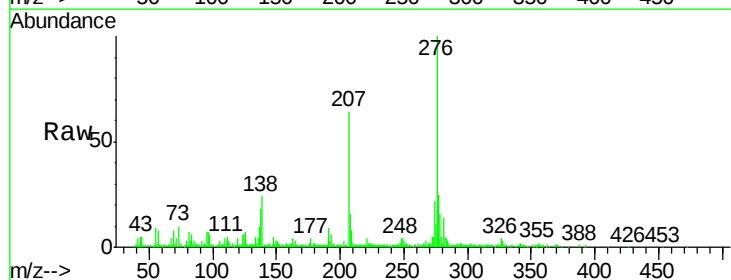
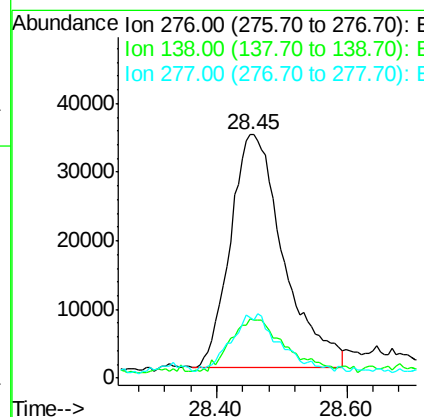
RT: 28.45 min Scan# 4317

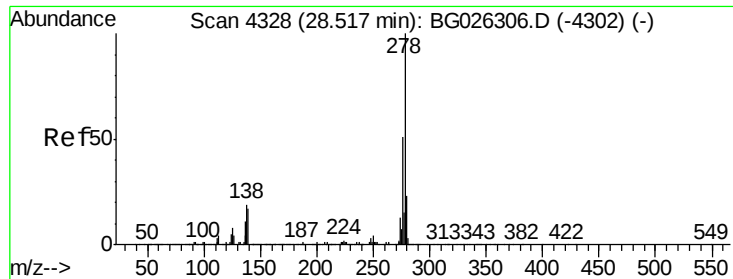
Delta R.T. -0.01 min

Lab File: BG026313.D

Acq: 18 Mar 2017 11:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.5	17.8	26.6
277	25.0	19.4	29.0





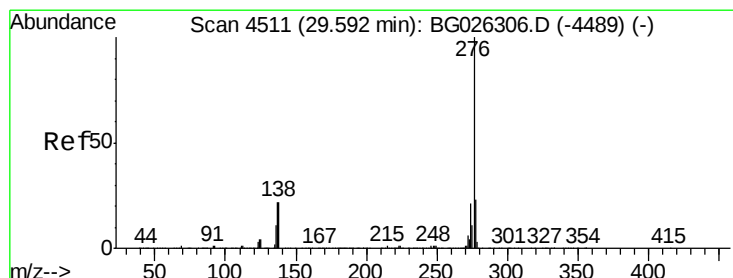
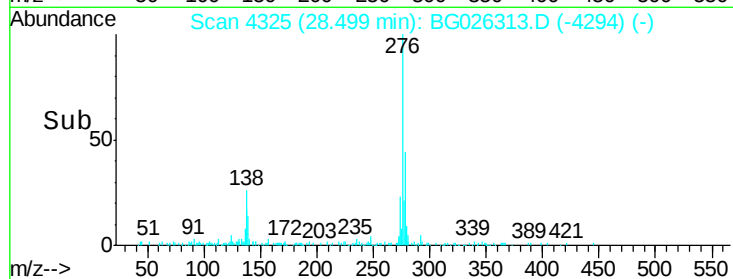
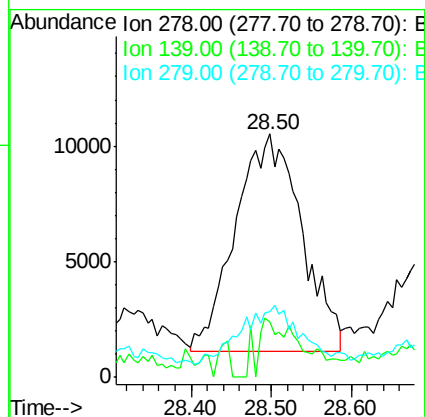
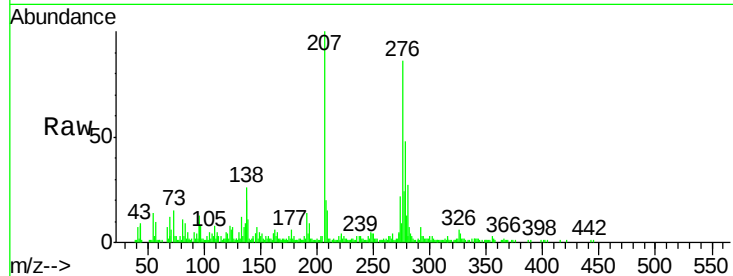
#29
Dibenzo(a,h)anthracene
Concen: 1.19 ng/ul m
RT: 28.50 min Scan# 4325
Delta R.T. -0.02 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

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ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.6	14.0	21.0#
279	27.1	20.6	31.0

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#30
Benzo(g,h,i)perylene
Concen: 2.83 ng/ul m
RT: 29.59 min Scan# 4510
Delta R.T. -0.01 min
Lab File: BG026313.D
Acq: 18 Mar 2017 11:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.0	28.4
277	24.5	19.7	29.5

