

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
 Data File : BG026250.D
 Acq On : 16 Mar 2017 1:35
 Operator : SJ/MA
 Sample : I2236-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABG3

Manual Integrations
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Quant Time: Mar 16 04:30:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 16 04:25:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	76859	20.00	ng/ul	0.00
2) Naphthalene-d8	10.85	136	412121	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	250443	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	555008	20.00	ng/ul	0.00
17) Chrysene-d12	21.63	240	568094	20.00	ng/ul	0.00
22) Perylene-d12	24.82	264	532791	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.35	160	603184	29.08	ng/ul	0.00
10) Fluorene-d10	15.65	176	427688	26.85	ng/ul	0.00
14) Anthracene-d10	17.48	188	611082	24.35	ng/ul	0.00
18) Pyrene-d10	19.76	212	673989	24.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.60	264	615083	26.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.90	128	29323	1.44	ng/ul	98
4) 2-Methylnaphthalene	12.50	142	29602	1.85	ng/ul	96
5) 1-Methylnaphthalene	12.72	142	26947	1.73	ng/ul	90
13) Phenanthrene	17.43	178	194268	6.56	ng/ul	96
16) Fluoranthene	19.43	202	404408	12.43	ng/ul	97
19) Pyrene	19.79	202	348279	10.13	ng/ul	96
20) Benzo(a)anthracene	21.62	228	231879	7.26	ng/ul	93
21) Chrysene	21.68	228	268002m	8.78	ng/ul	
23) Benzo(b)fluoranthene	23.81	252	375160	12.19	ng/ul#	92
24) Benzo(k)fluoranthene	23.87	252	141276m	4.75	ng/ul	
26) Benzo(a)pyrene	24.66	252	227800	7.65	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.44	276	180589	5.18	ng/ul#	86
28) Dibenzo(a,h)anthracene	28.48	278	53760m	1.86	ng/ul	
29) Benzo(a,h,i)perylene	29.56	276	183018m	6.36	ng/ul	

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

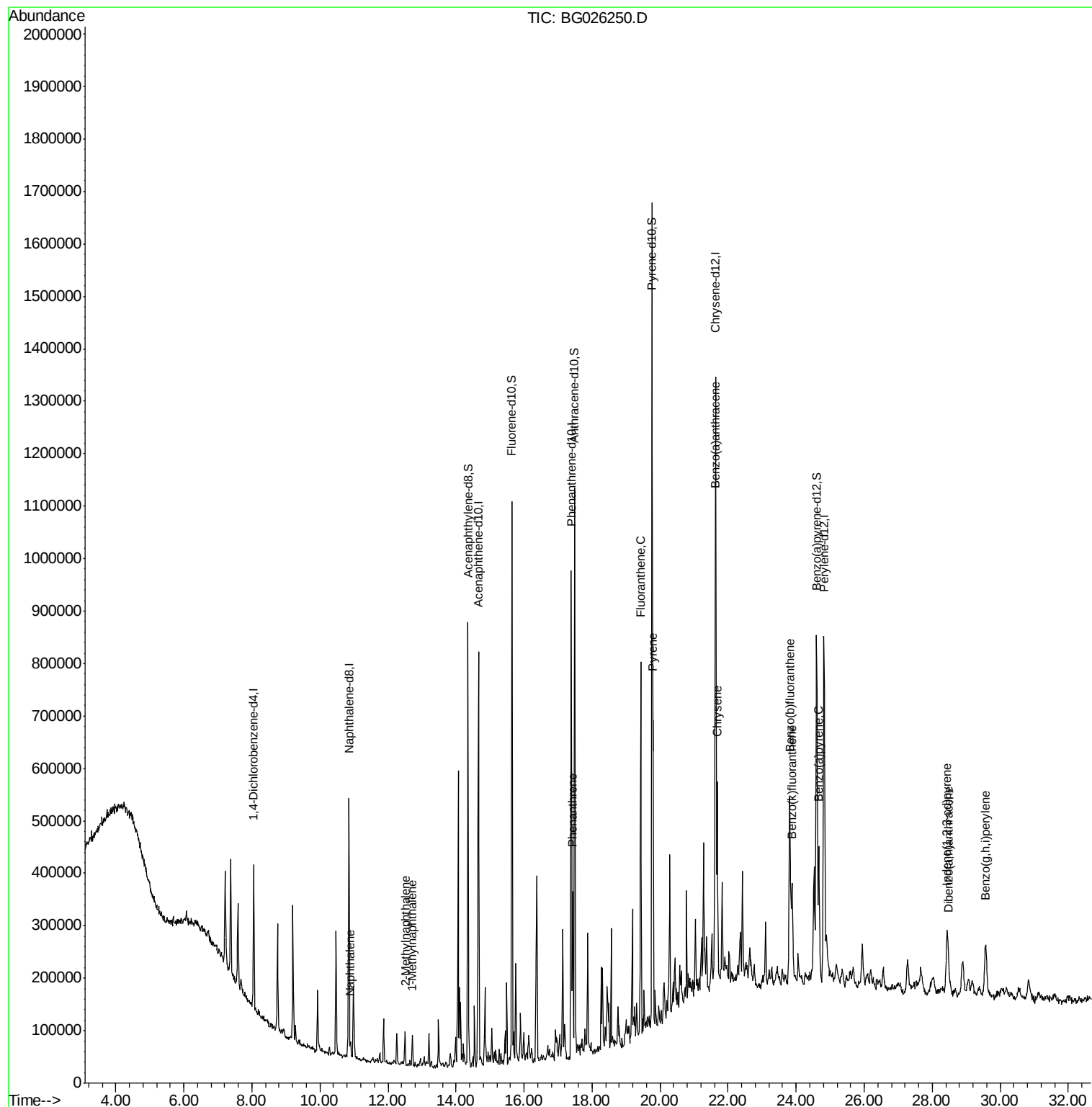
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031517\
Data File : BG026250.D
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Operator : SJ/MA
Sample : I2236-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

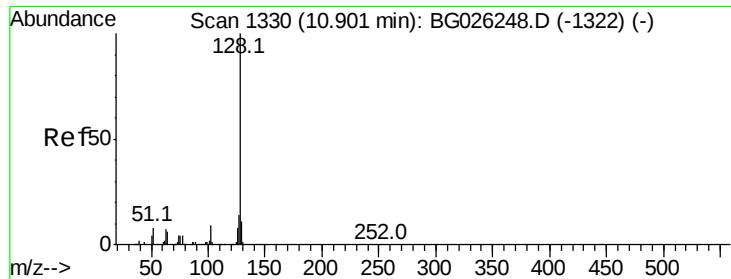
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Mar 16 04:30:45 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 16 04:25:12 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.44 ng/ul

RT: 10.90 min Scan# 1330

Delta R.T. 0.00 min

Lab File: BG026250.D

Acq: 16 Mar 2017 1:35

Instrument :

BNA_G

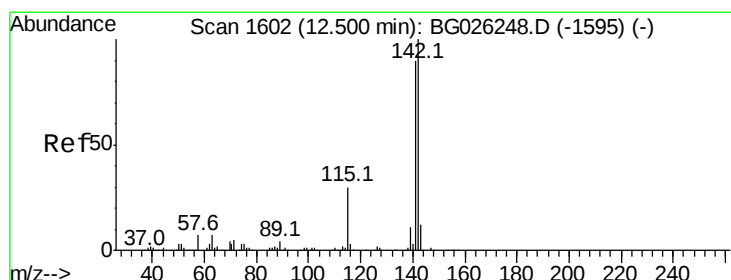
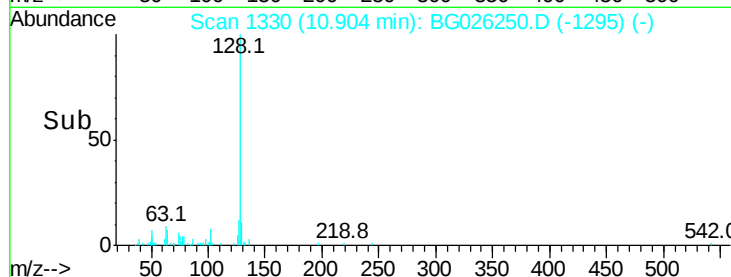
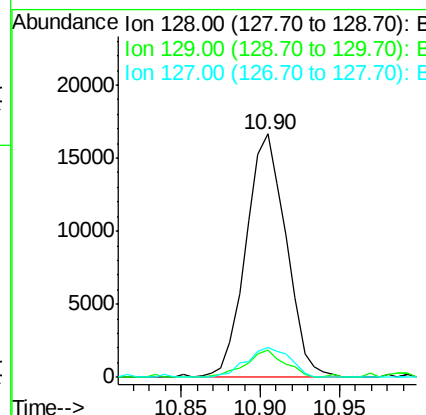
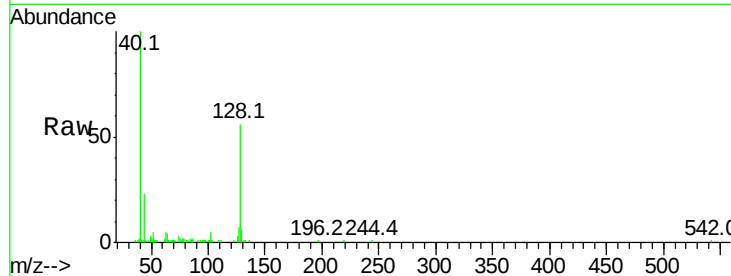
ClientSampleId :

DABG3

Tot Ion:	128	Resp:	29323
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.7	13.1
127	12.0	10.6	16.0

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#4

2-Methylnaphthalene

Concen: 1.85 ng/ul

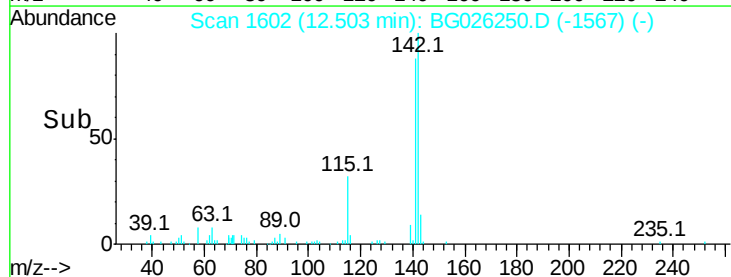
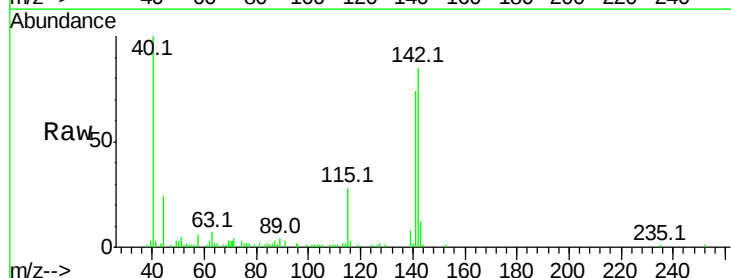
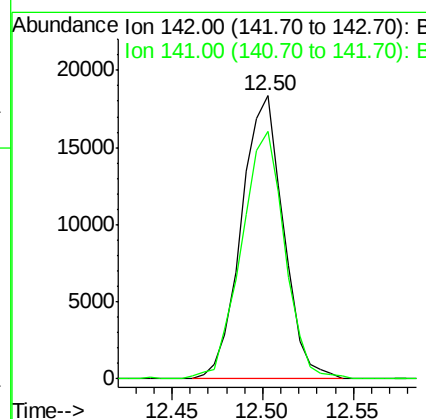
RT: 12.50 min Scan# 1602

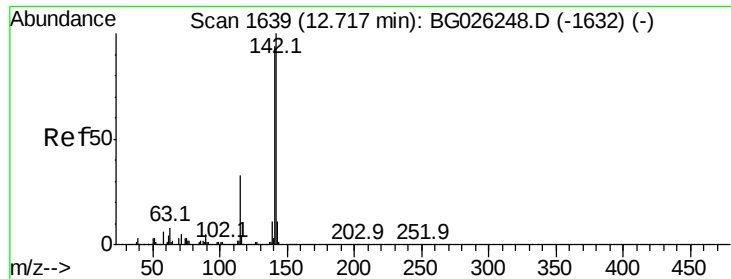
Delta R.T. 0.00 min

Lab File: BG026250.D

Acq: 16 Mar 2017 1:35

Tgt Ion:	142	Resp:	29602
Ion Ratio	Lower	Upper	
142	100		
141	87.5	72.7	109.1





#5

1-Methylnaphthalene

Concen: 1.73 ng/ul

RT: 12.72 min Scan# 1639

Delta R.T. 0.00 min

Lab File: BG026250.D

Acq: 16 Mar 2017 1:35

Instrument :

BNA_G

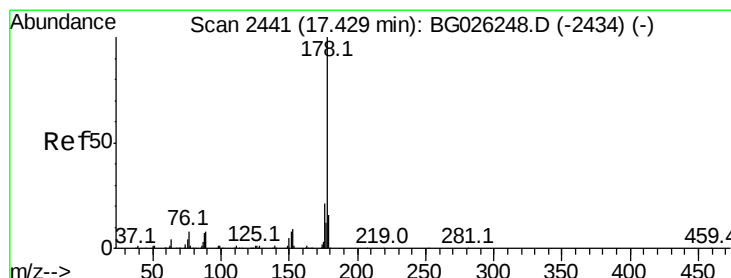
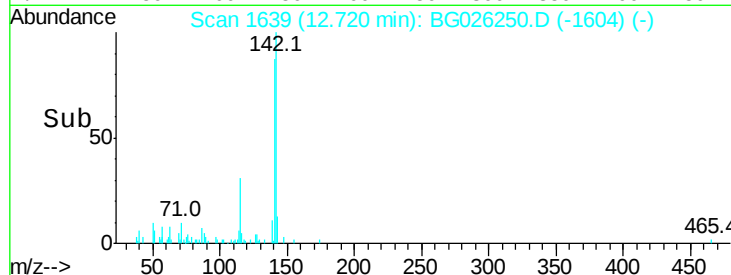
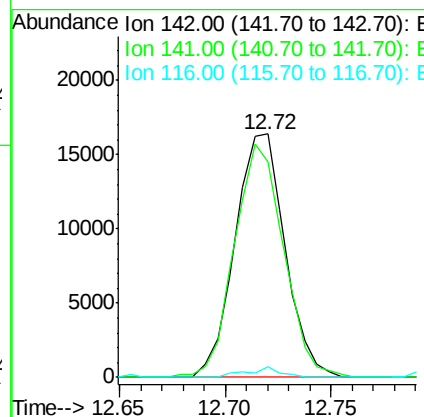
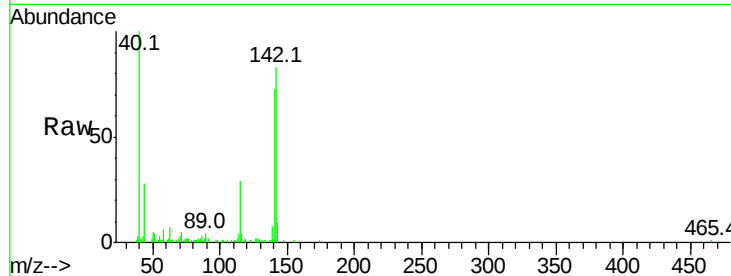
ClientSampleId :

DABG3

Tot Ion:	142	Resp:	26947
Ion Ratio	Lower	Upper	
142	100		
141	88.5	79.3	118.9
116	4.4	4.2	6.2

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#13

Phenanthrene

Concen: 6.56 ng/ul

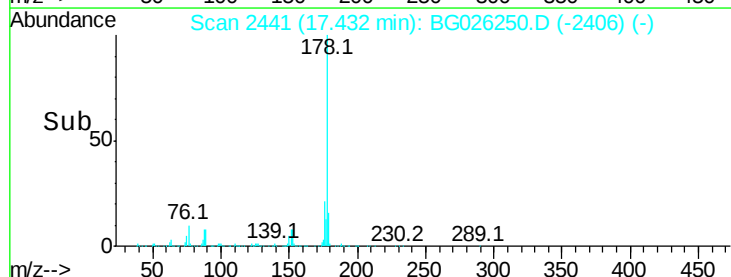
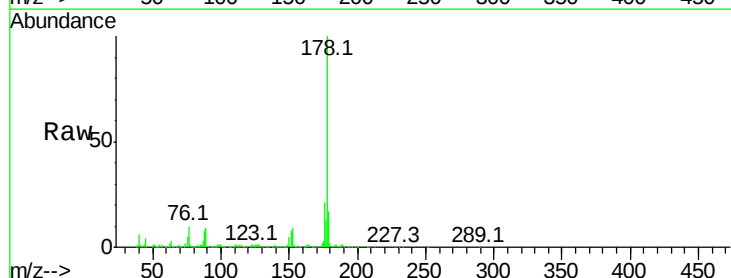
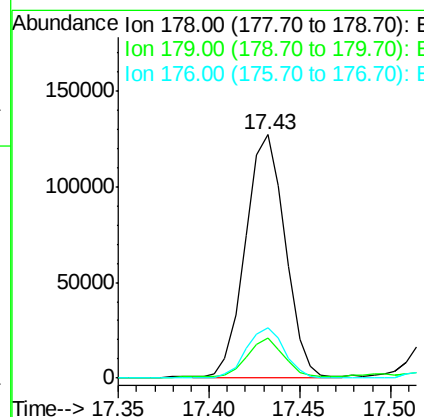
RT: 17.43 min Scan# 2441

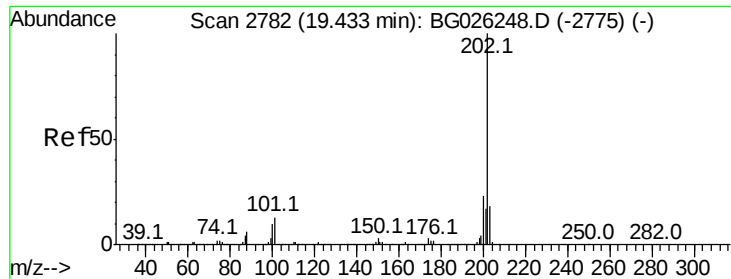
Delta R.T. 0.00 min

Lab File: BG026250.D

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Tgt Ion:	178	Resp:	194268
Ion Ratio	Lower	Upper	
178	100		
179	16.7	12.3	18.5
176	20.9	15.1	22.7





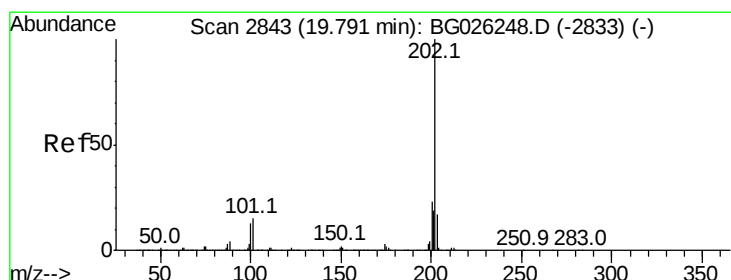
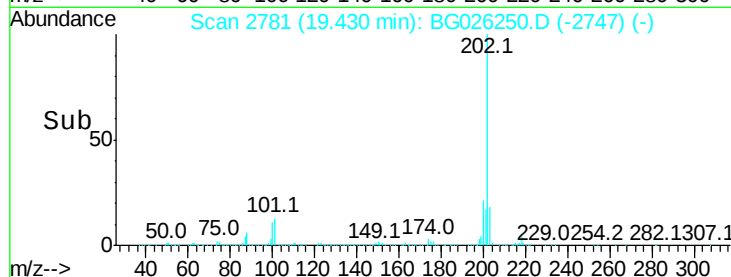
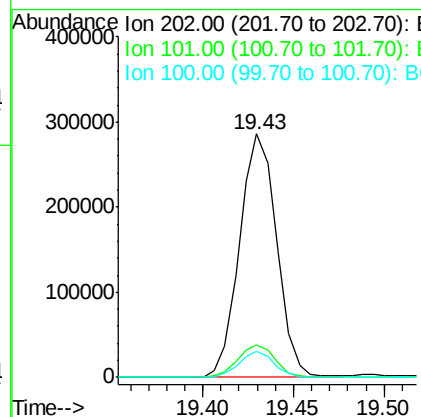
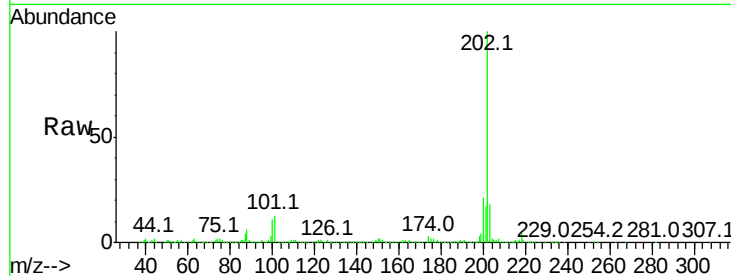
#16
 Fluoranthene
 Concen: 12.43 ng/ul
 RT: 19.43 min Scan# 2781
 Delta R.T. -0.00 min
 Lab File: BG026250.D
 Acq: 16 Mar 2017 1:35

Instrument :
 BNA_G
 ClientSampleId :
 DABG3

Tot Ion:	202	Resp:	404408
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.9	14.9
100	10.7	7.4	11.0

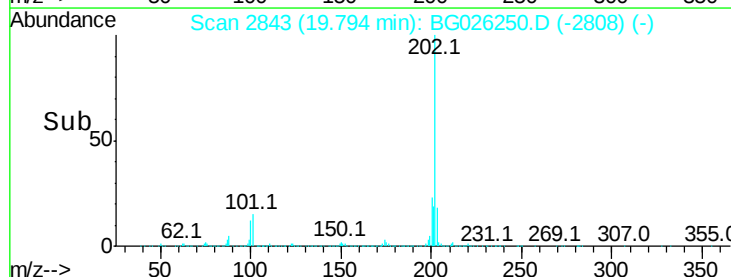
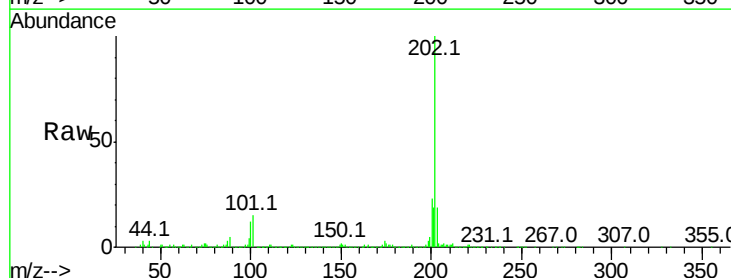
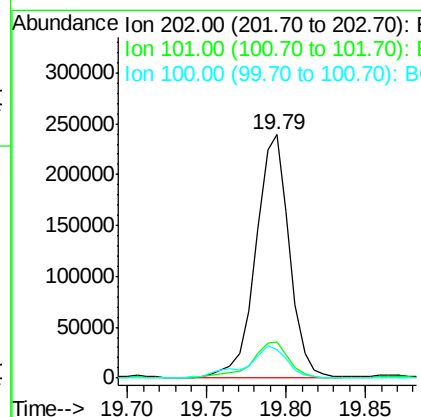
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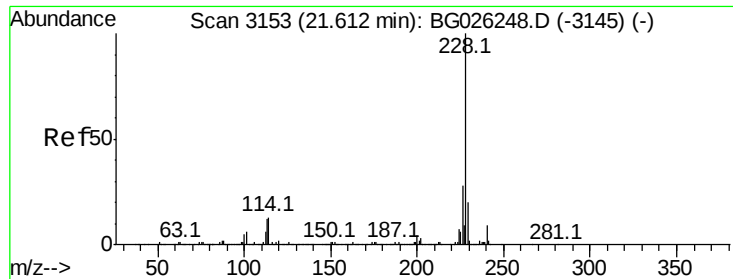
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#19
 Pyrene
 Concen: 10.13 ng/ul
 RT: 19.79 min Scan# 2843
 Delta R.T. 0.00 min
 Lab File: BG026250.D
 Acq: 16 Mar 2017 1:35

Tgt Ion:	202	Resp:	348279
Ion Ratio	Lower	Upper	
202	100		
101	15.1	11.0	16.4
100	11.7	8.1	12.1





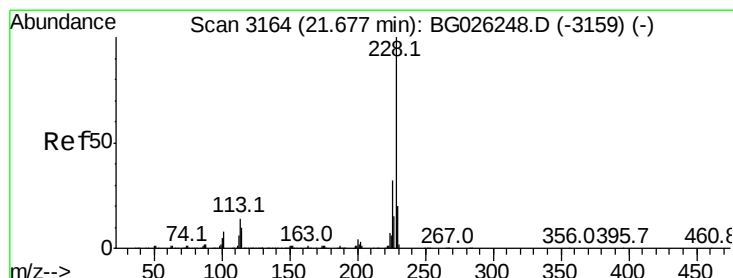
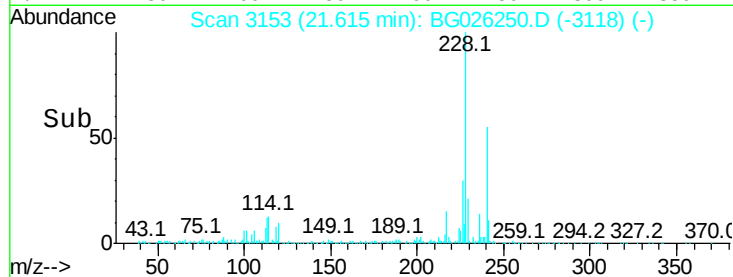
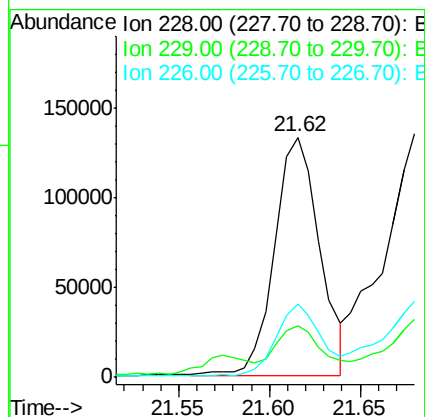
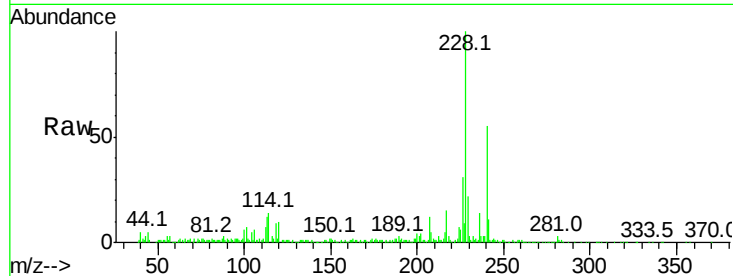
#20
Benzo(a)anthracene
Concen: 7.26 ng/ul
RT: 21.62 min Scan# 3153
Delta R.T. 0.00 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Instrument :
BNA_G
ClientSampleId :
DABG3

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	30.6	21.1	31.7

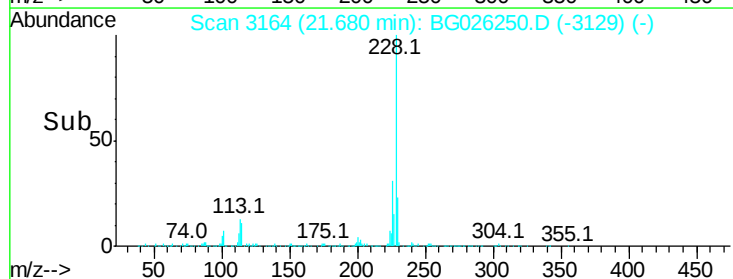
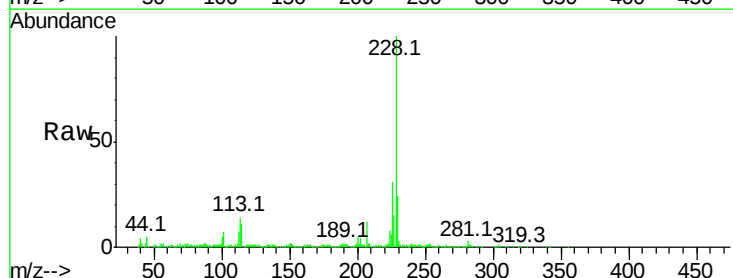
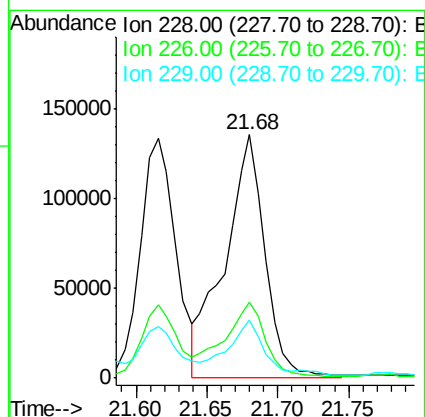
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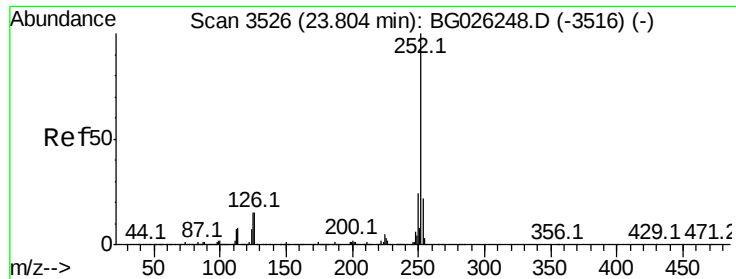
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#21
Chrysene
Concen: 8.78 ng/ul m
RT: 21.68 min Scan# 3164
Delta R.T. 0.00 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.9	15.8	23.8#





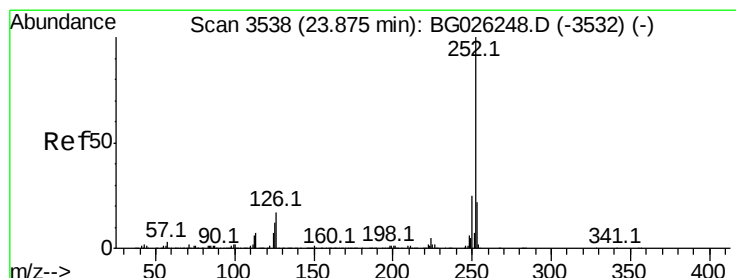
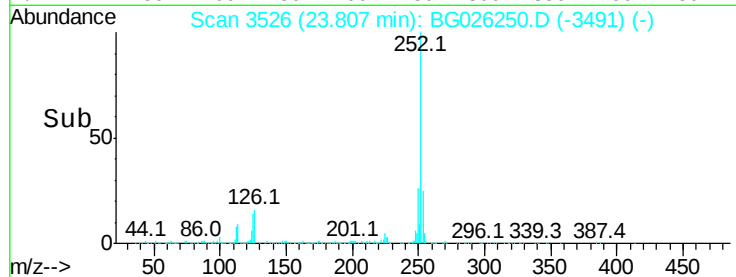
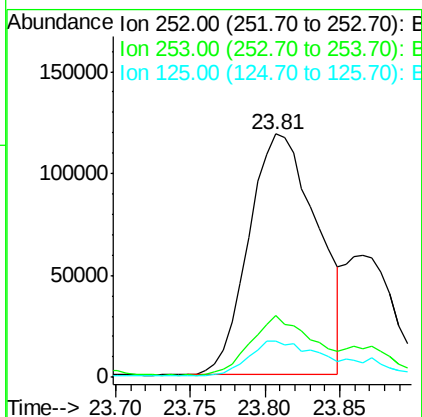
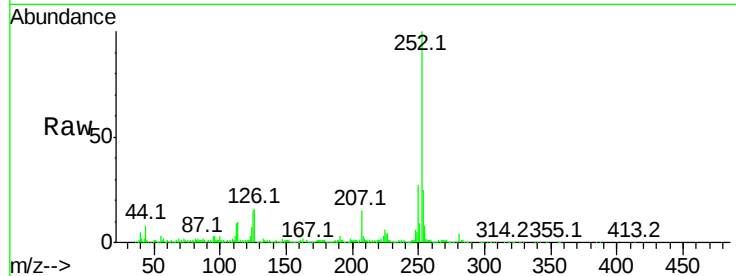
#23
Benzo(b)fluoranthene
Concen: 12.19 ng/ul
RT: 23.81 min Scan# 3526
Delta R.T. 0.00 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Instrument :
BNA_G
ClientSampleId :
DABG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	14.8	8.0	12.0

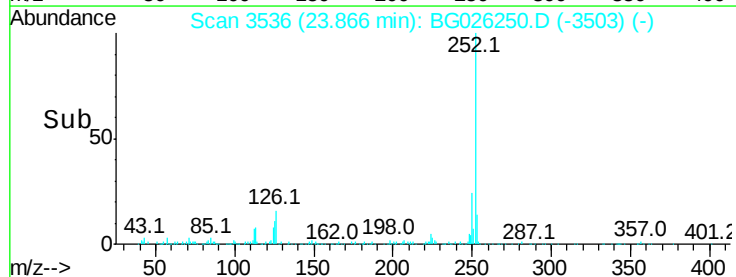
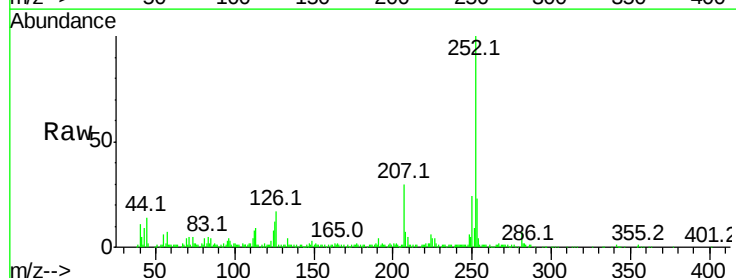
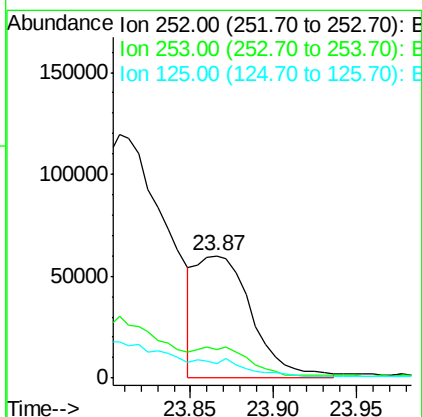
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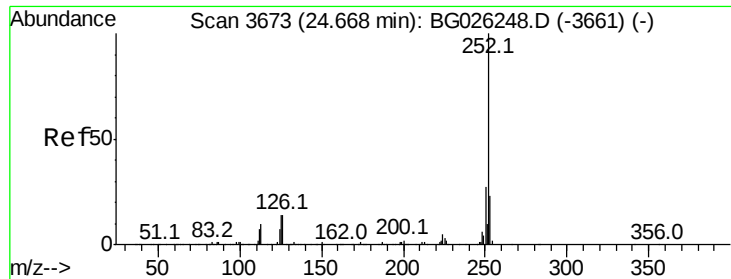
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#24
Benzo(k)fluoranthene
Concen: 4.75 ng/ul m
RT: 23.87 min Scan# 3536
Delta R.T. -0.01 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.0	27.0
125	12.1	8.1	12.1





#26

Benzo(a)pyrene

Concen: 7.65 ng/ul

RT: 24.66 min Scan# 3672

Delta R.T. -0.00 min

Lab File: BG026250.D

Acq: 16 Mar 2017 1:35

Instrument :

BNA_G

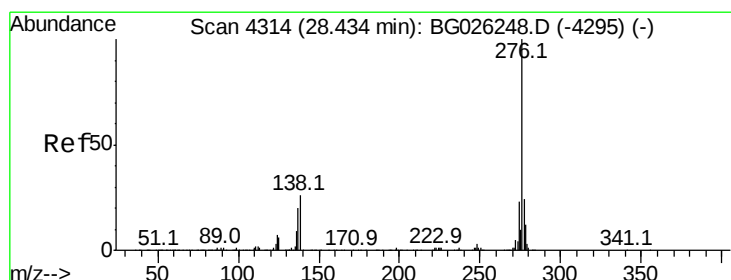
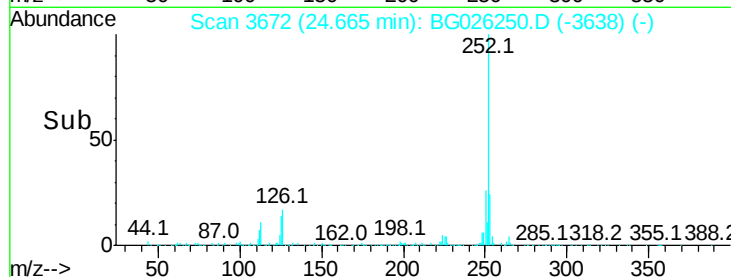
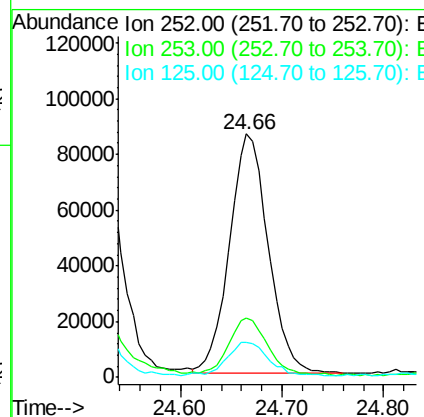
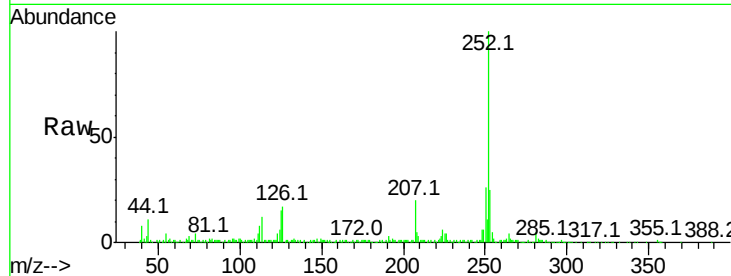
ClientSampled :

DABG3

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	14.6	8.2	12.4

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#27

Indeno(1,2,3-cd)pyrene

Concen: 5.18 ng/ul

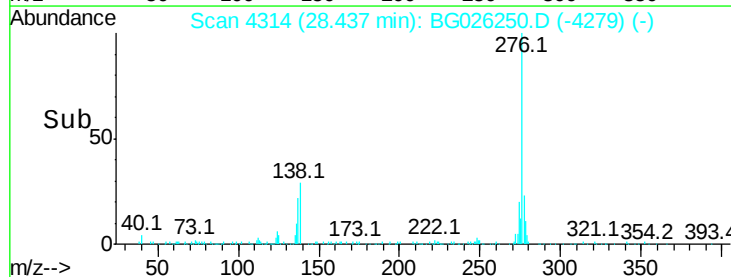
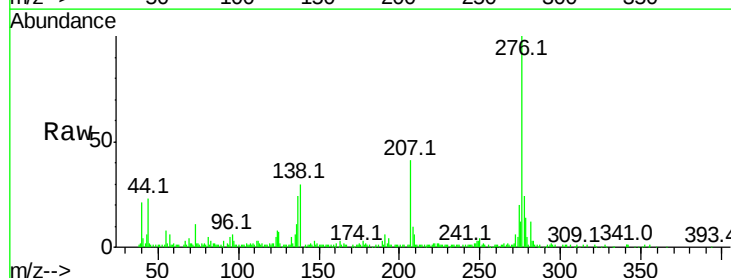
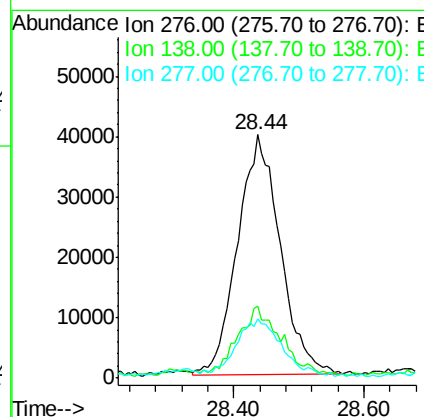
RT: 28.44 min Scan# 4314

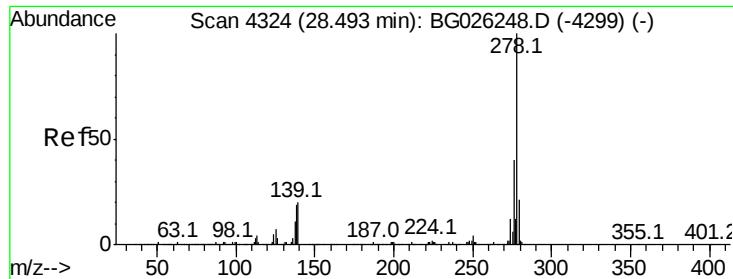
Delta R.T. 0.00 min

Lab File: BG026250.D

Acq: 16 Mar 2017 1:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	14.4	21.6
277	24.5	18.0	27.0





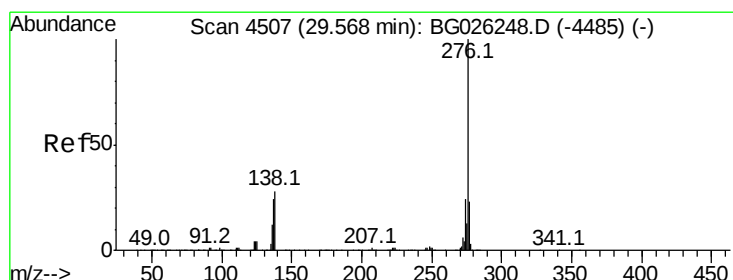
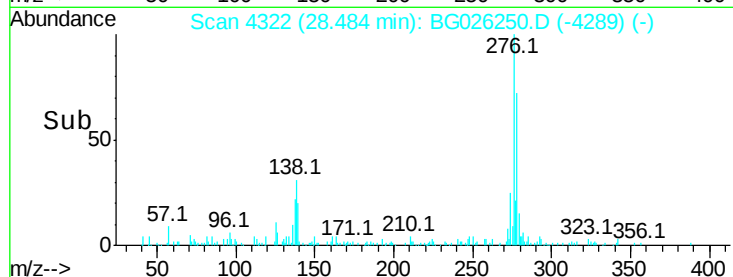
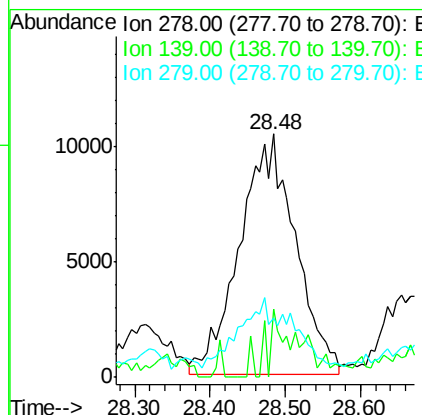
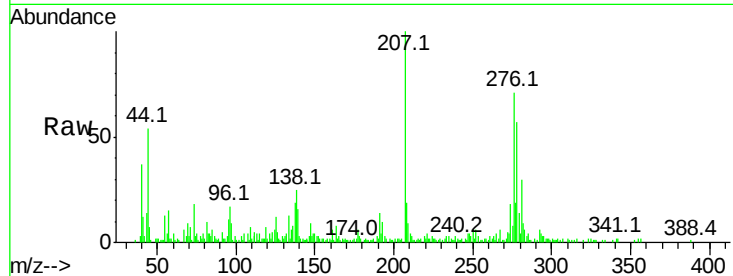
#28
Dibenzo(a,h)anthracene
Concen: 1.86 ng/ul m
RT: 28.48 min Scan# 4322
Delta R.T. -0.01 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Instrument :
BNA_G
ClientSampled :
DABG3

Tot Ion	Ratio	Lower	Upper
278	100		
139	27.9	12.2	18.4#
279	24.5	19.2	28.8

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#29
Benzo(g,h,i)perylene
Concen: 6.36 ng/ul m
RT: 29.56 min Scan# 4506
Delta R.T. -0.00 min
Lab File: BG026250.D
Acq: 16 Mar 2017 1:35

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.2	15.3	22.9#
277	22.8	19.0	28.4

