

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
 Data File : BG025928.D
 Acq On : 22 Feb 2017 6:29
 Operator : SJ/MA
 Sample : I1900-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DABD2

Manual Integrations
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mohammad
 2/22/2017 11:14:25 AM

Quant Time: Feb 22 07:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.3-EPA-BG021617MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 22 04:47:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	148869	20.00	ng/ul	0.00
2) Naphthalene-d8	10.89	136	710048	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.69	164	409644	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.42	188	854500	20.00	ng/ul	0.00
17) Chrysene-d12	21.68	240	850263	20.00	ng/ul	0.00
22) Perylene-d12	24.90	264	830525	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.38	160	788488	23.24	ng/ul	0.00
10) Fluorene-d10	15.68	176	569745	21.87	ng/ul	0.00
14) Anthracene-d10	17.52	188	803387	20.80	ng/ul	0.00
18) Pyrene-d10	19.80	212	851446	20.78	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.67	264	791463	21.53	ng/ul	0.00
Target Compounds						
11) Fluorene	15.73	166	31763	1.09	ng/ul	Ovalue 96
13) Phenanthrene	17.46	178	695305	15.26	ng/ul	98
15) Anthracene	17.55	178	155112	3.35	ng/ul	98
16) Fluoranthene	19.47	202	1228454	24.52	ng/ul	100
19) Pyrene	19.82	202	908385	17.65	ng/ul#	96
20) Benzo(a)anthracene	21.66	228	496577	10.38	ng/ul	96
21) Chrysene	21.72	228	467194	10.22	ng/ul	96
23) Benzo(b)fluoranthene	23.87	252	594437	12.39	ng/ul	98
24) Benzo(k)fluoranthene	23.93	252	208134m	4.49	ng/ul	
26) Benzo(a)pyrene	24.74	252	365633	7.87	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	28.55	276	253269m	4.66	ng/ul	
28) Dibenzo(a,h)anthracene	28.60	278	65082	1.44	ng/ul#	87
29) Benzo(a,h,i)perylene	29.70	276	205697	4.58	ng/ul#	94

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

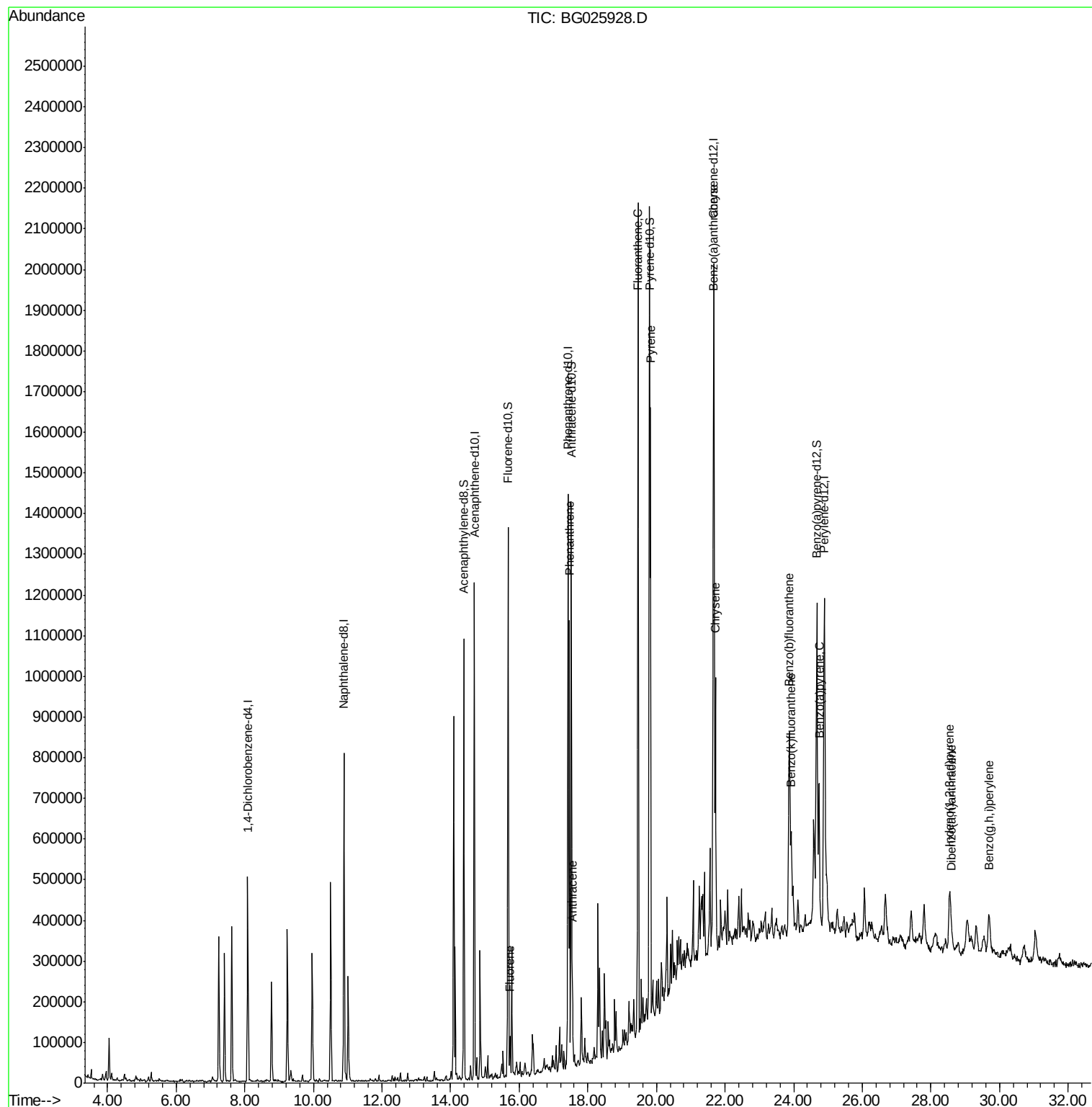
Data Path : Z:\HPCHEM1\BNA G\DATA\BG022117\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

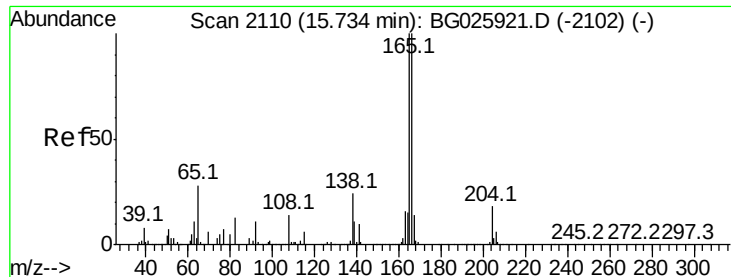
Instrument :
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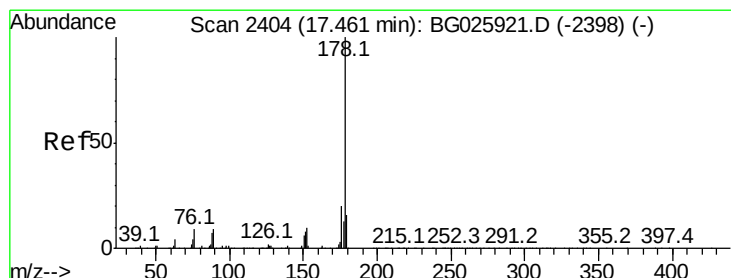
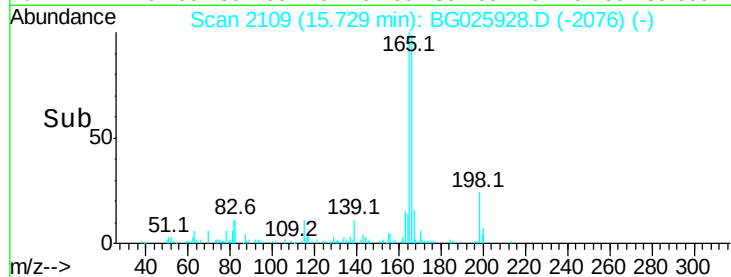
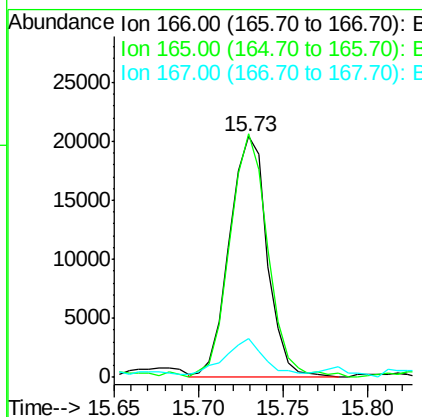
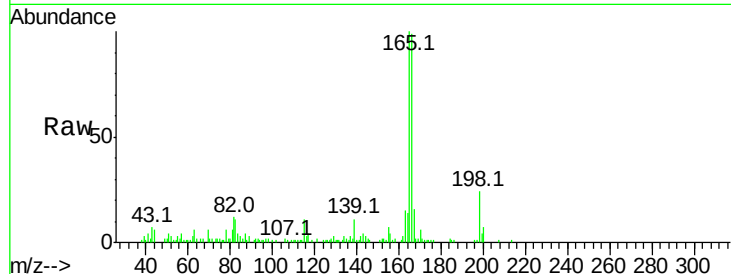
#11
 Fluorene
 Concen: 1.09 ng/ul
 RT: 15.73 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG025928.D
 Acq: 22 Feb 2017 6:29

Instrument :
 BNA_G
 ClientSampleId :
 DABD2

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.1	83.8	125.8
167	16.1	11.5	17.3

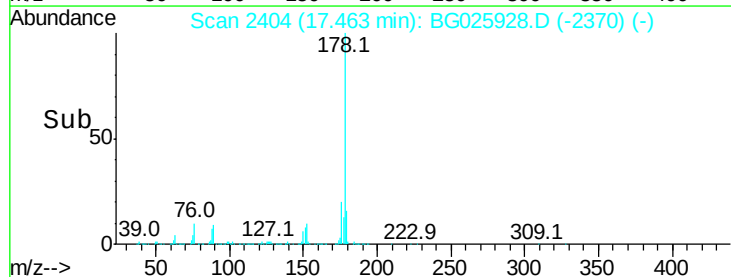
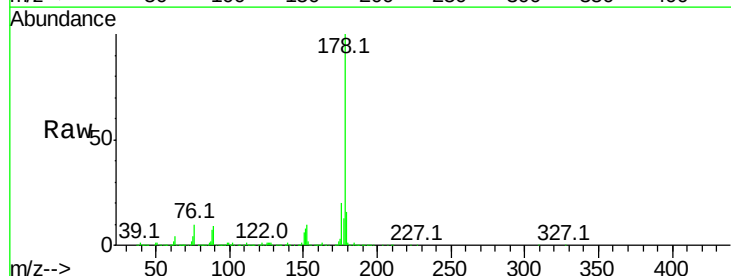
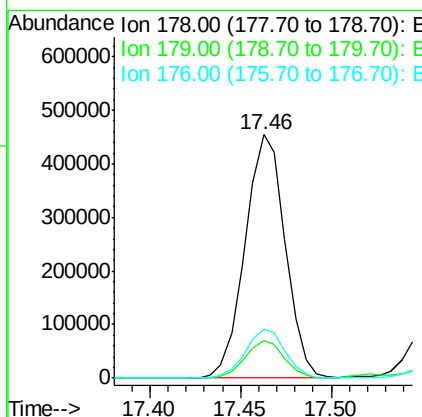
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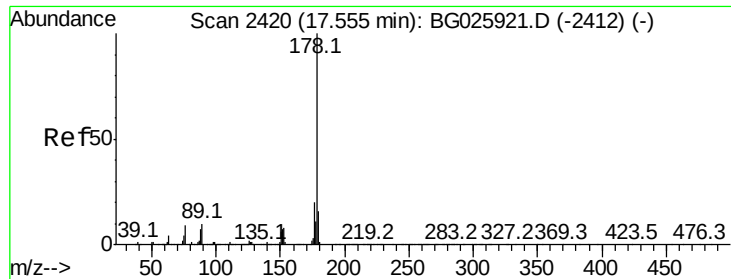
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#13
 Phenanthrene
 Concen: 15.26 ng/ul
 RT: 17.46 min Scan# 2404
 Delta R.T. 0.00 min
 Lab File: BG025928.D
 Acq: 22 Feb 2017 6:29

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	20.2	15.1	22.7





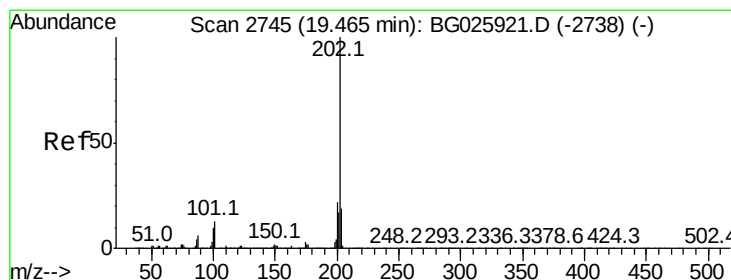
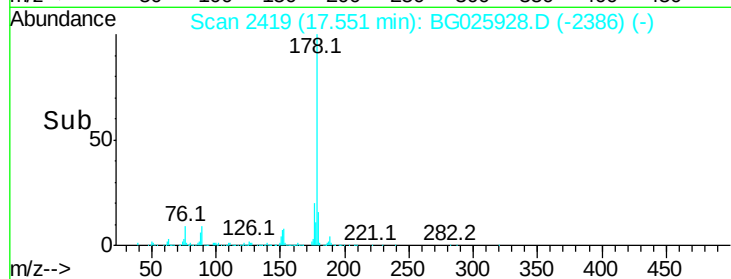
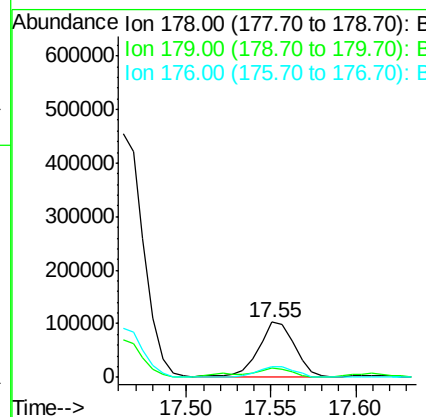
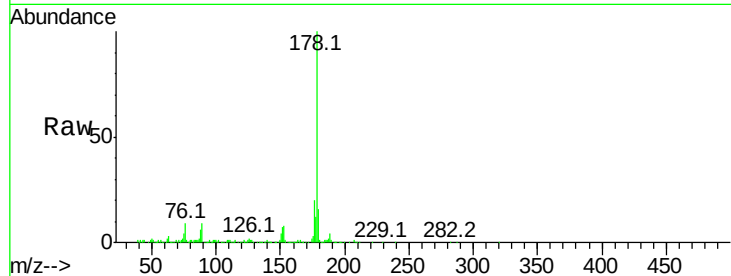
#15
 Anthracene
 Concen: 3.35 ng/ul
 RT: 17.55 min Scan# 2419
 Delta R.T. -0.00 min
 Lab File: BG025928.D
 Acq: 22 Feb 2017 6:29

Instrument :
 BNA_G
 ClientSampleId :
 DABD2

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	19.7	15.2	22.8

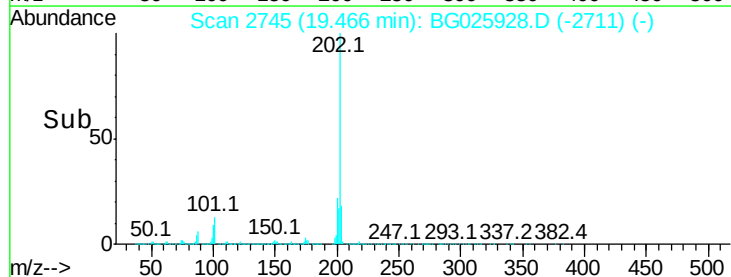
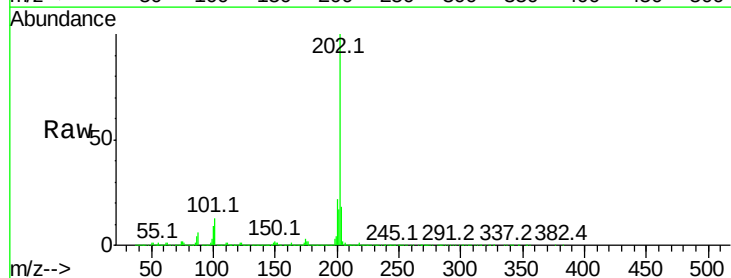
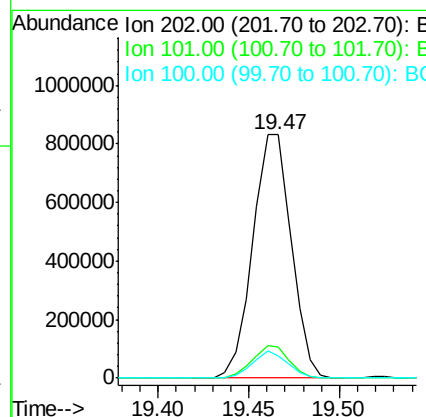
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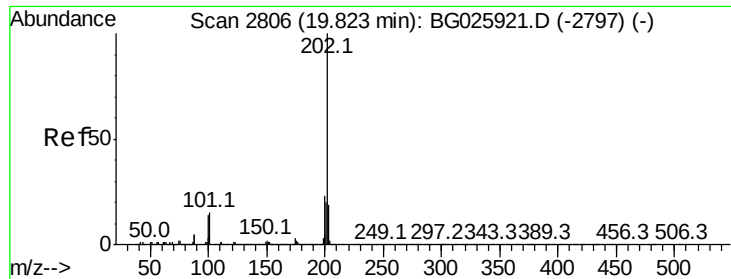
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#16
 Fluoranthene
 Concen: 24.52 ng/ul
 RT: 19.47 min Scan# 2745
 Delta R.T. 0.00 min
 Lab File: BG025928.D
 Acq: 22 Feb 2017 6:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.9	14.9
100	9.2	7.4	11.0





#19

Pvrene

Concen: 17.65 ng/ul

RT: 19.82 min Scan# 2806

Delta R.T. 0.00 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Instrument :

BNA_G

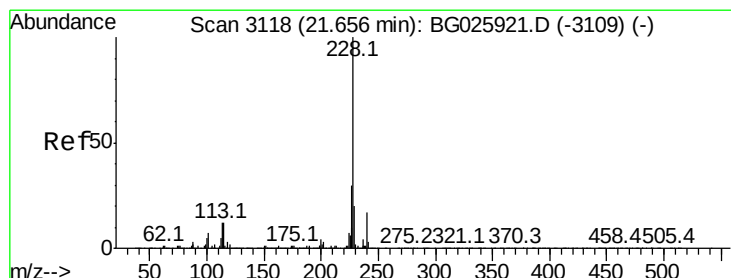
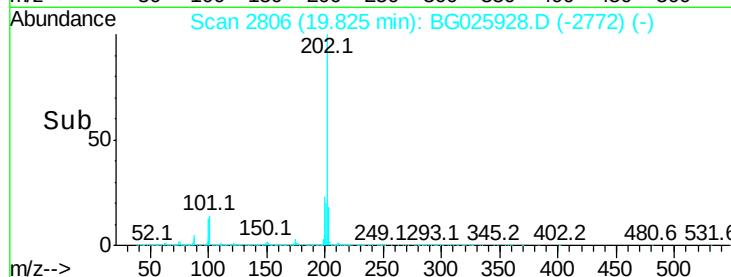
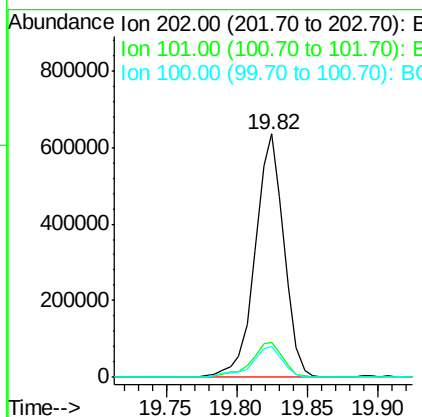
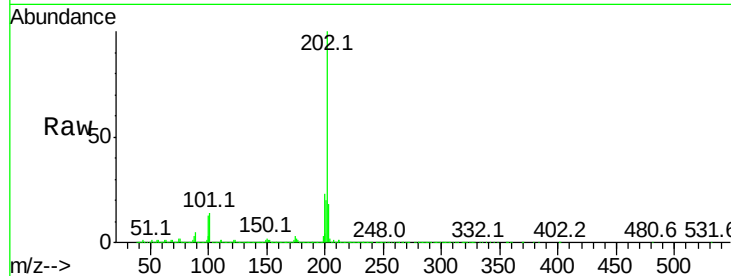
ClientSampleId :

DABD2

Tot Ion:	202	Resp:	908385
Ion Ratio	Lower	Upper	
202	100		
101	14.4	11.0	16.4
100	12.5	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 10.38 ng/ul

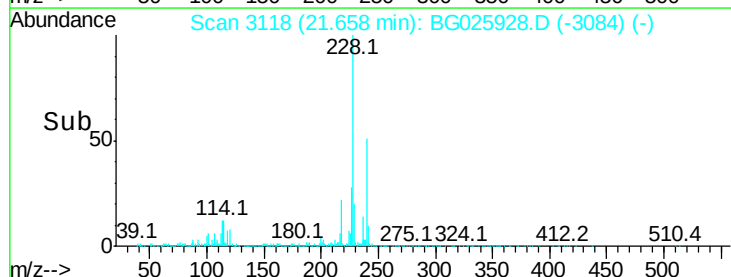
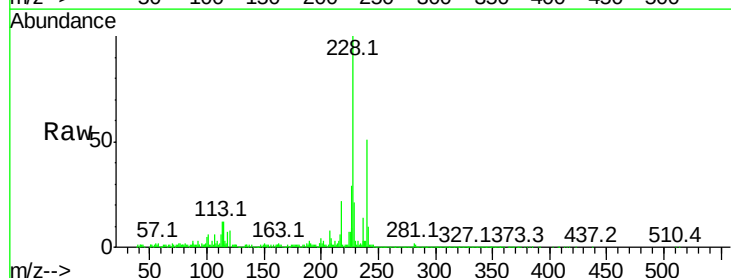
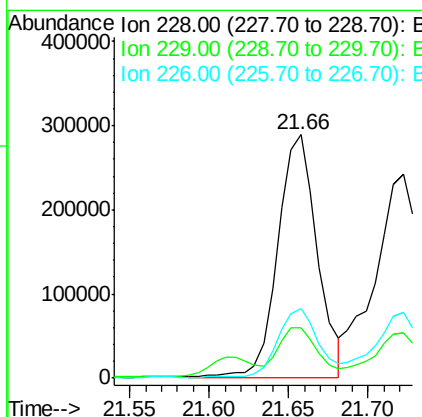
RT: 21.66 min Scan# 3118

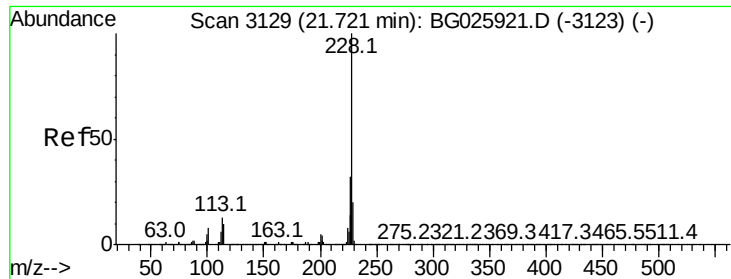
Delta R.T. 0.00 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Tgt Ion:	228	Resp:	496577
Ion Ratio	Lower	Upper	
228	100		
229	20.9	15.7	23.5
226	28.6	21.1	31.7





#21

Chrysene

Concen: 10.22 ng/ul

RT: 21.72 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Instrument :

BNA_G

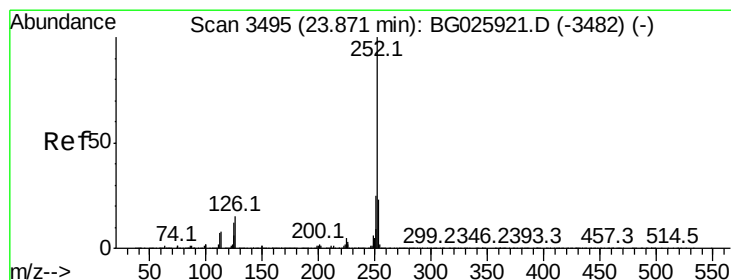
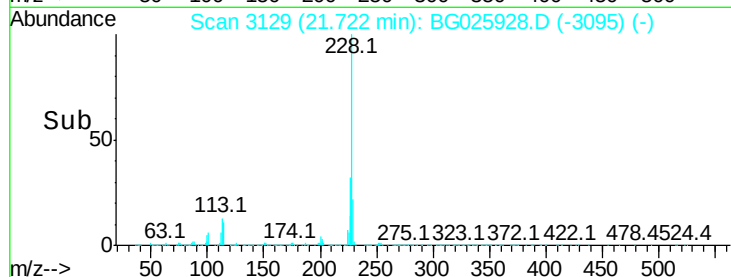
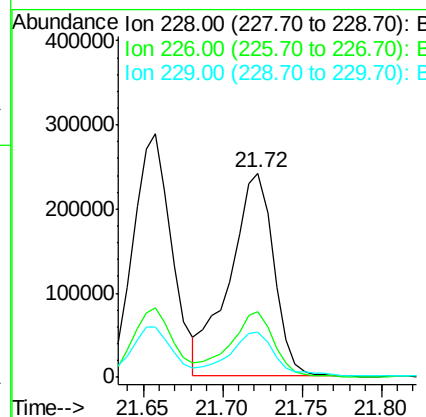
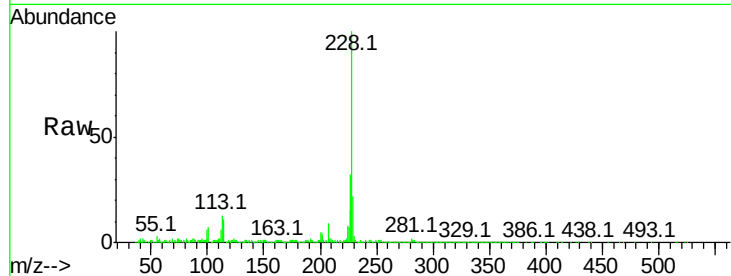
ClientSampleId :

DABD2

Tot Ion:	228	Resp:	467194
Ion Ratio		Lower	Upper
228	100		
226	32.0	24.5	36.7
229	22.3	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 12.39 ng/ul

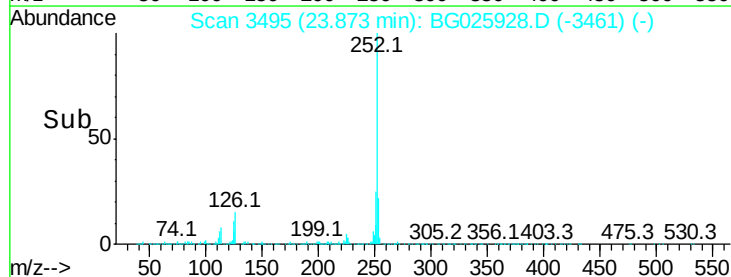
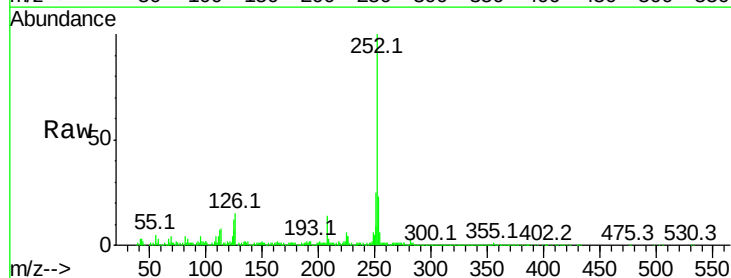
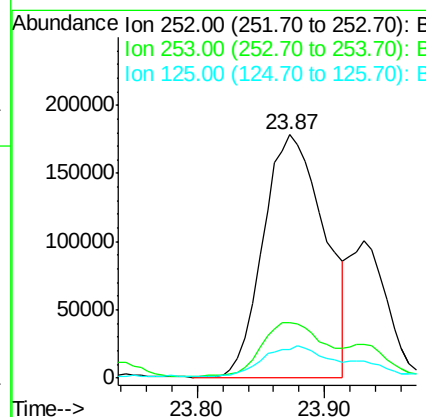
RT: 23.87 min Scan# 3495

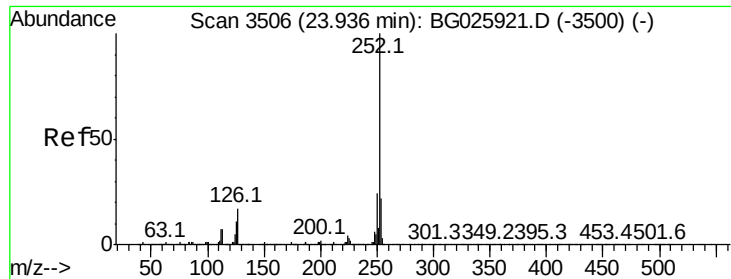
Delta R.T. 0.00 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Tgt Ion:	252	Resp:	594437
Ion Ratio		Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.7	8.0	12.0





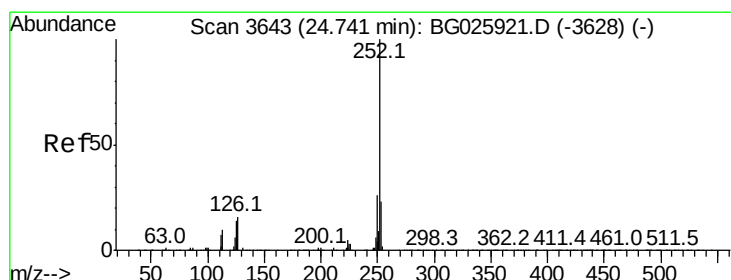
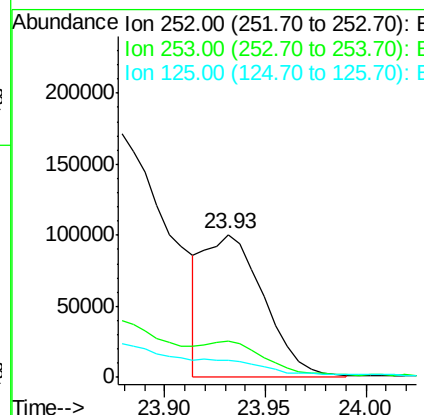
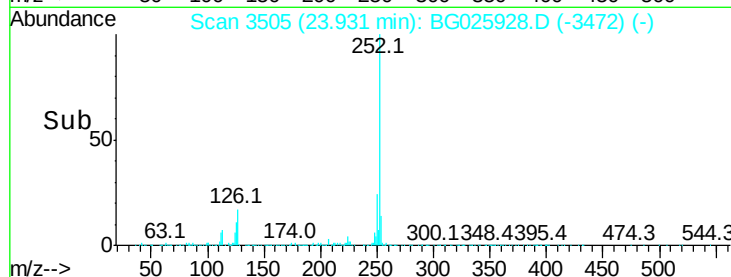
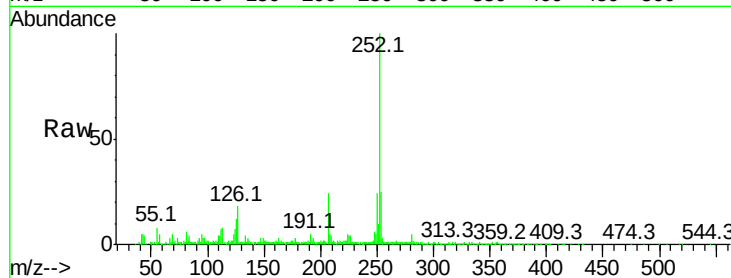
#24
Benzo(k)fluoranthene
Concen: 4.49 ng/ul m
RT: 23.93 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BG025928.D
Acq: 22 Feb 2017 6:29

Instrument :
BNA_G
ClientSampled :
DABD2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.0	27.0
125	12.0	8.1	12.1

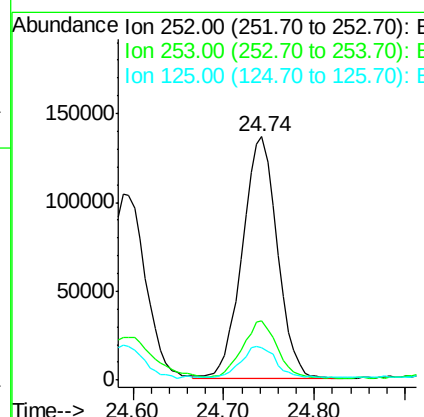
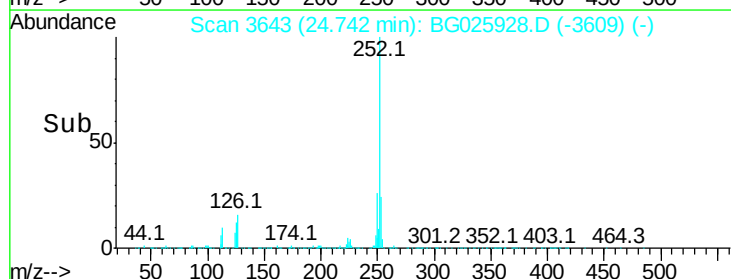
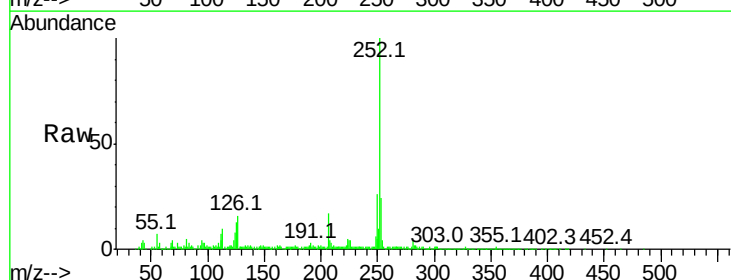
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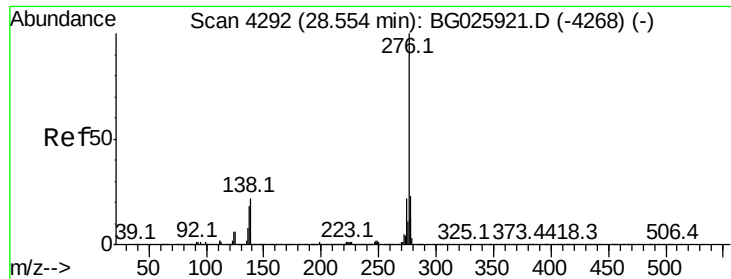
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#26
Benzo(a)pyrene
Concen: 7.87 ng/ul
RT: 24.74 min Scan# 3643
Delta R.T. 0.00 min
Lab File: BG025928.D
Acq: 22 Feb 2017 6:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	13.2	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.66 ng/ul m

RT: 28.55 min Scan# 4291

Delta R.T. -0.00 min

Lab File: BG025928.D

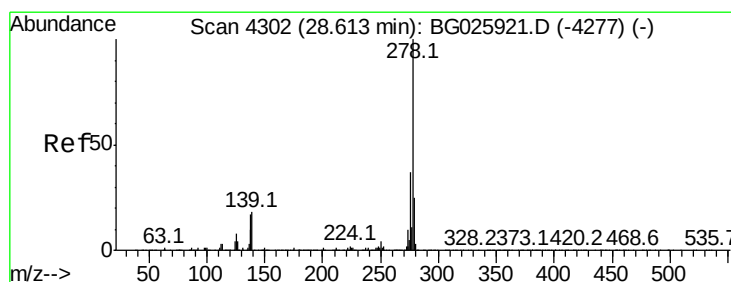
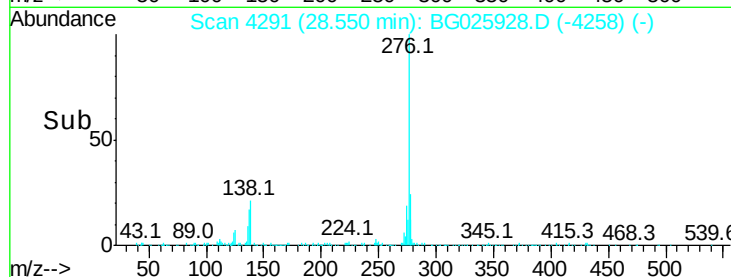
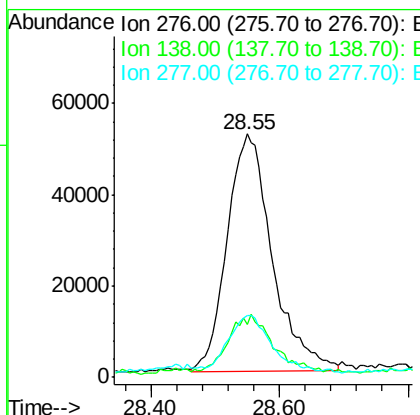
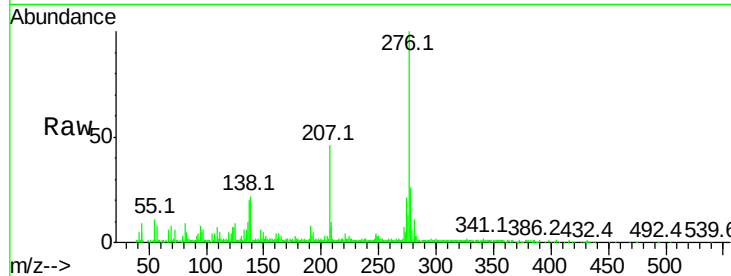
Acq: 22 Feb 2017 6:29

Instrument :
BNA_G
ClientSampleId :
DABD2

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	14.4	21.6#
277	25.6	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.44 ng/ul

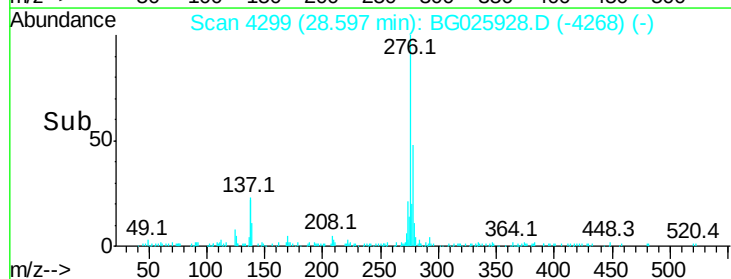
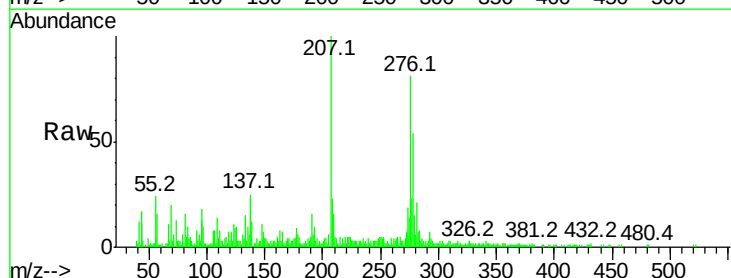
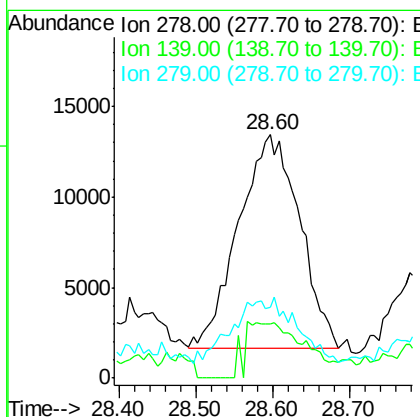
RT: 28.60 min Scan# 4299

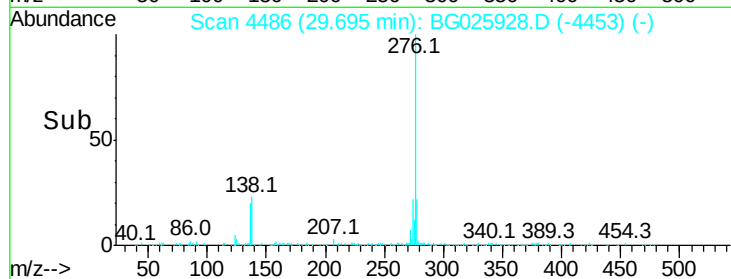
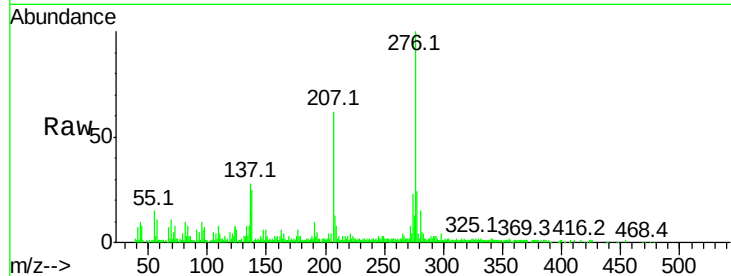
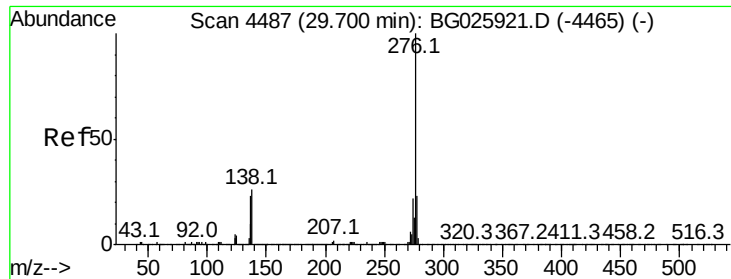
Delta R.T. -0.02 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.5	12.2	18.4#
279	28.8	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 4.58 ng/ul

RT: 29.70 min Scan# 4486

Delta R.T. -0.00 min

Lab File: BG025928.D

Acq: 22 Feb 2017 6:29

Instrument :

BNA_G

ClientSampleId :

DABD2

Tot Ion:	276	Resp:	205697
Ion Ratio	Lower	Upper	
276	100		
138	24.7	15.3	22.9#
277	23.7	19.0	28.4

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