

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029120.D
 Acq On : 9 Oct 2017 23:18
 Operator : SJ/JU
 Sample : I5578-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ5

Manual Integrations
 APPROVED

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Quant Time: Oct 10 06:45:53 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 06:24:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	56715	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	250085	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	170108	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	377009	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	393638	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	409047	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	488537	27.61	ng/ul	0.00
10) Fluorene-d10	15.82	176	380308	29.64	ng/ul	0.00
14) Anthracene-d10	17.67	188	555901	30.44	ng/ul	0.00
18) Pyrene-d10	19.93	212	647112	32.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	609634	31.11	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.61	178	94024	4.676	ng/ul	97
16) Fluoranthene	19.60	202	216435	9.181	ng/ul#	93
19) Pyrene	19.96	202	187921	7.659	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	128368m	5.537	ng/ul	
21) Chrysene	21.89	228	131345	6.188	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	230081	9.402	ng/ul	97
24) Benzo(k)fluoranthene	24.19	252	78194m	3.274	ng/ul	
26) Benzo(a)pyrene	25.04	252	158236	6.657	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.01	276	119122	4.416	ng/ul#	89
28) Dibenzo(a,h)anthracene	29.07	278	33725	1.510	ng/ul#	82
29) Benzo(g,h,i)perylene	30.21	276	94808	4.262	ng/ul#	90

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

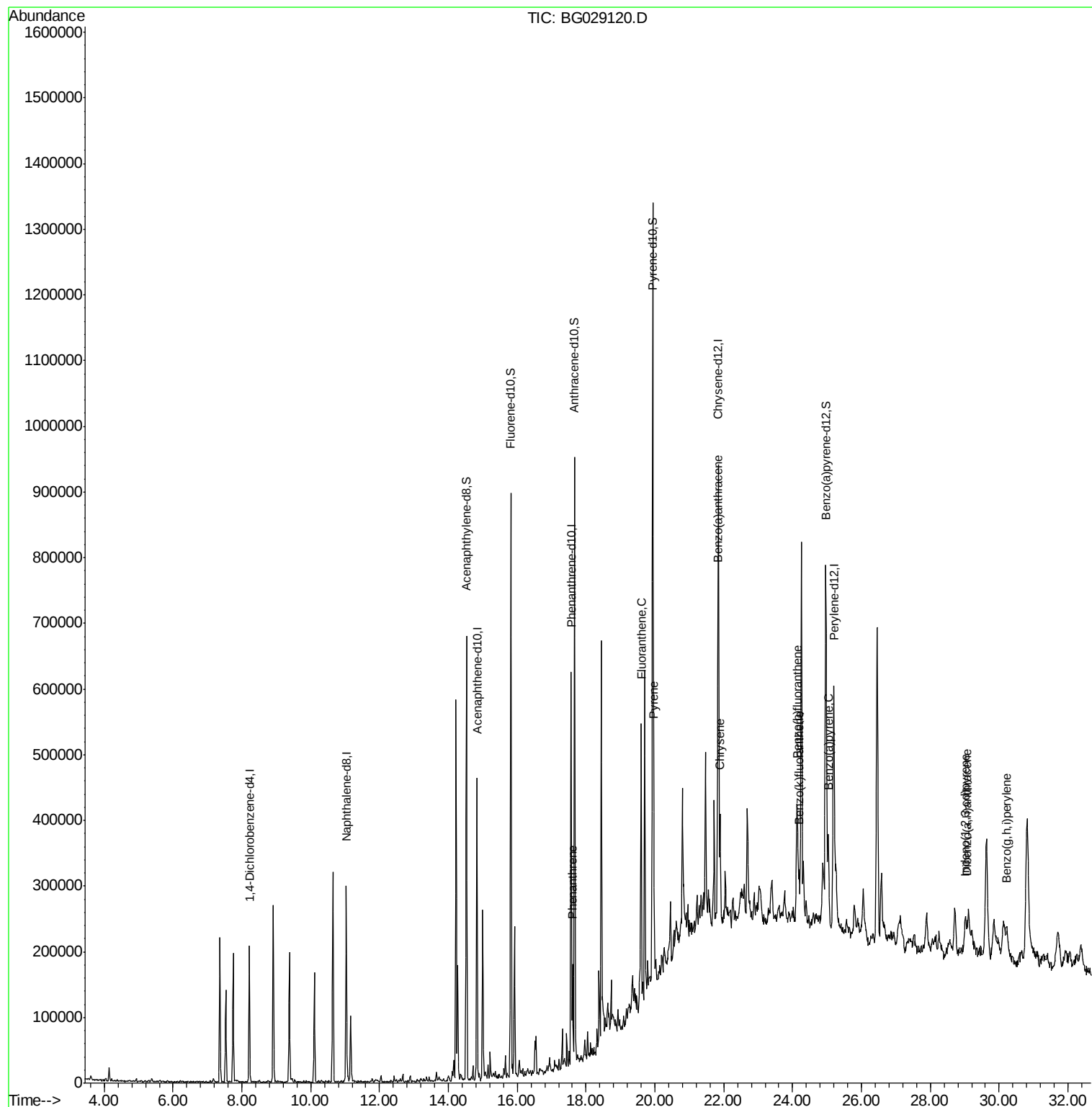
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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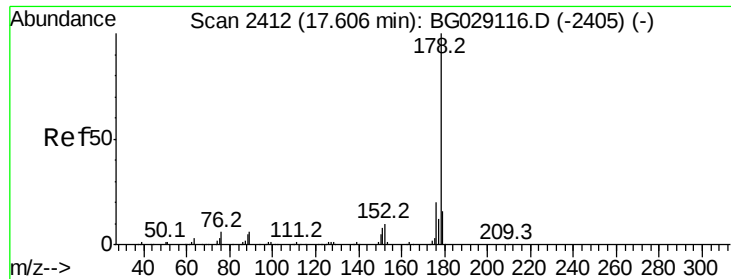
Instrument :
BNA_G
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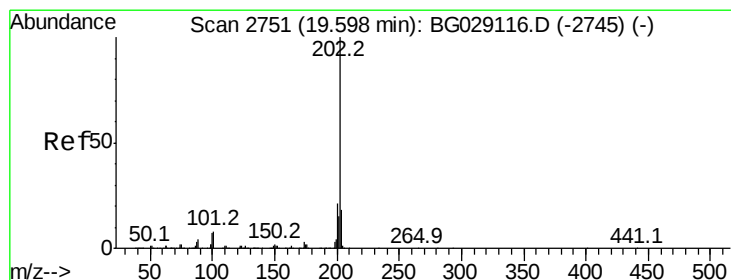
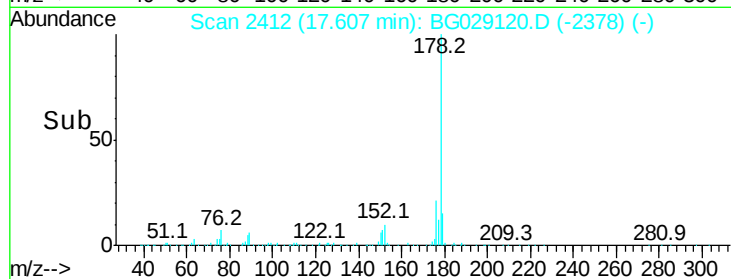
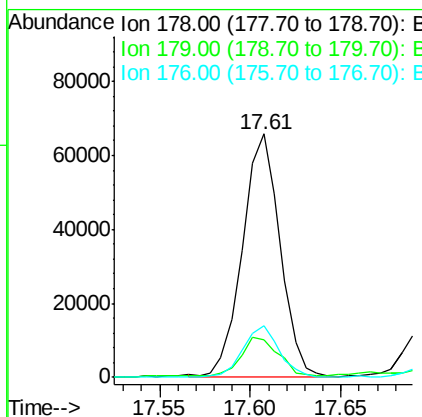
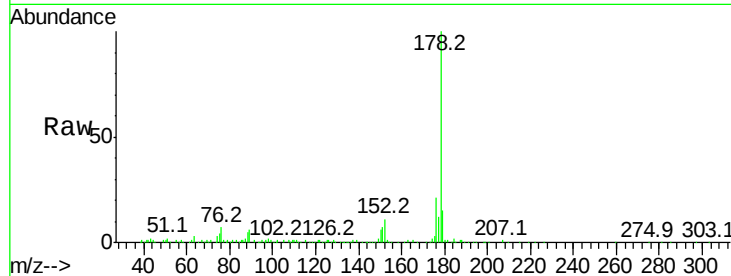
#13
Phenanthrene
Concen: 4.676 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029120.D
Acq: 9 Oct 2017 23:18

Instrument :
BNA_G
ClientSampleId :
DAGQ5

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	21.0	15.1	22.7

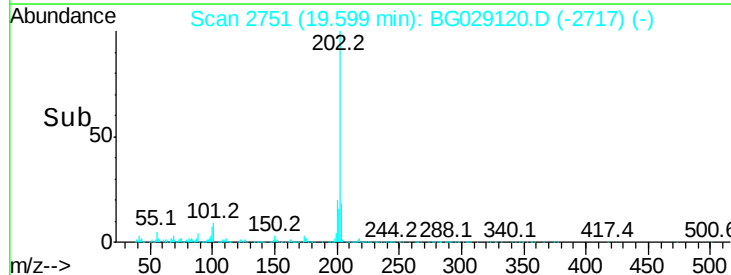
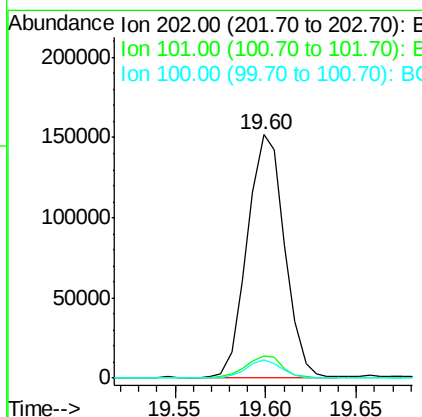
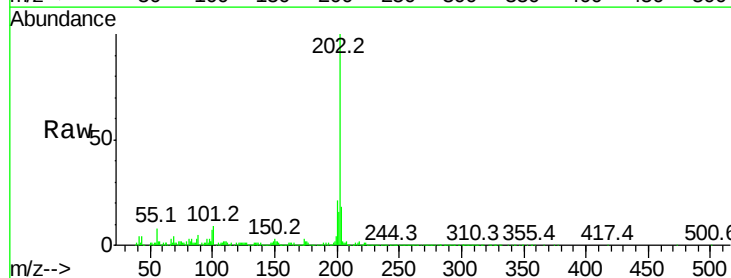
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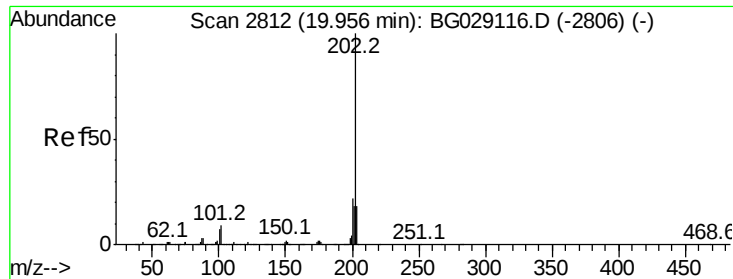
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#16
Fluoranthene
Concen: 9.181 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029120.D
Acq: 9 Oct 2017 23:18

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.1	9.9	14.9#
100	7.3	7.4	11.0#





#19

Pvrene

Concen: 7.659 ng/ul

RT: 19.96 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Instrument :

BNA_G

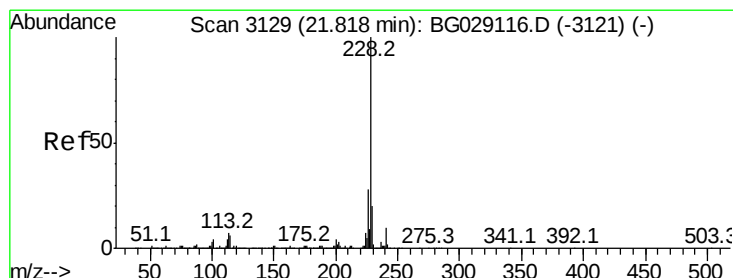
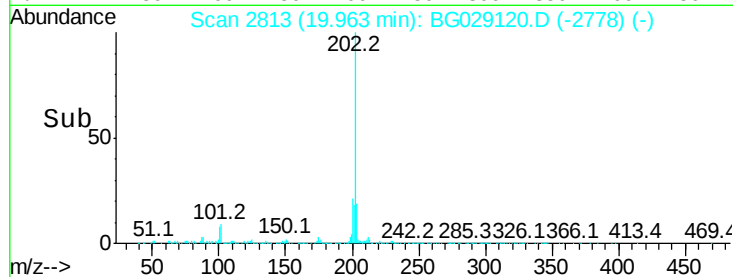
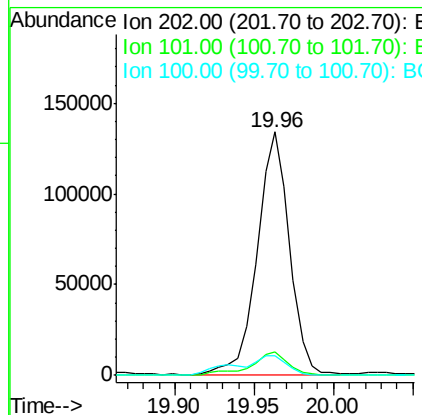
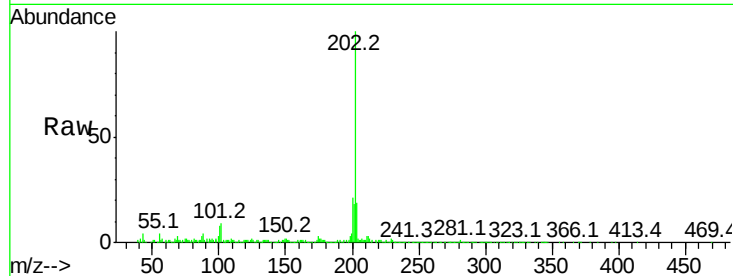
ClientSampleId :

DAGQ5

Tot Ion:	202	Resp:	187921
Ion Ratio	Lower	Upper	
202	100		
101	9.4	11.0	16.4#
100	7.8	8.1	12.1#

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#20

Benzo(a)anthracene

Concen: 5.537 ng/ul m

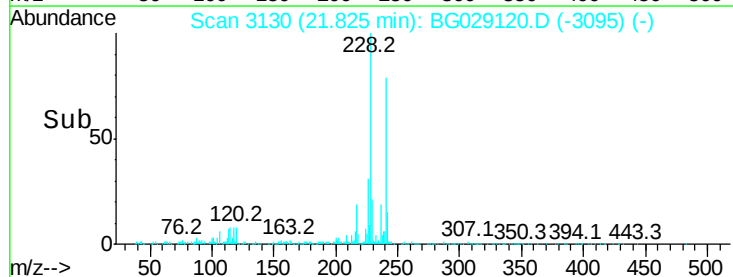
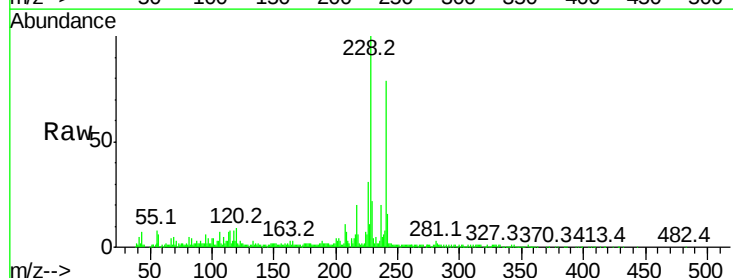
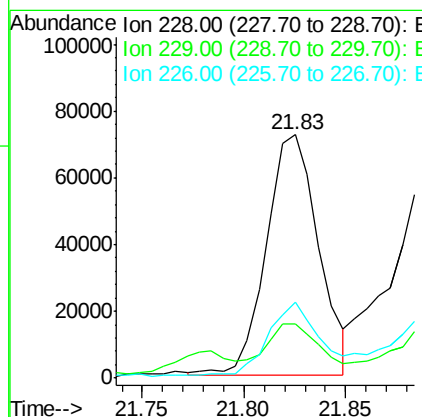
RT: 21.83 min Scan# 3130

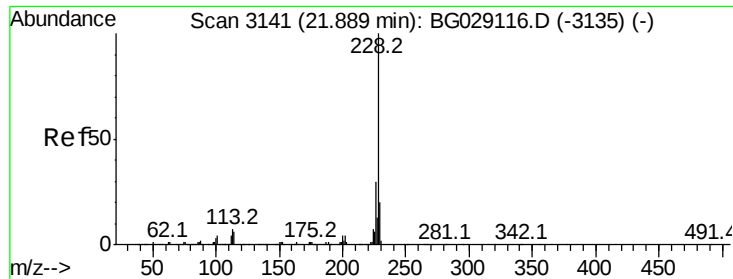
Delta R.T. 0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Tgt Ion:	228	Resp:	128368
Ion Ratio	Lower	Upper	
228	100		
229	22.1	15.7	23.5
226	31.3	21.1	31.7





#21

Chrysene

Concen: 6.188 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. 0.00 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Instrument :

BNA_G

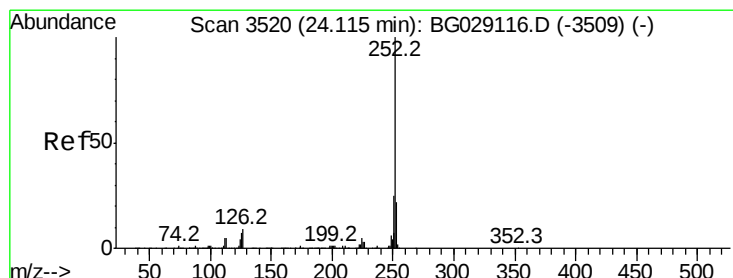
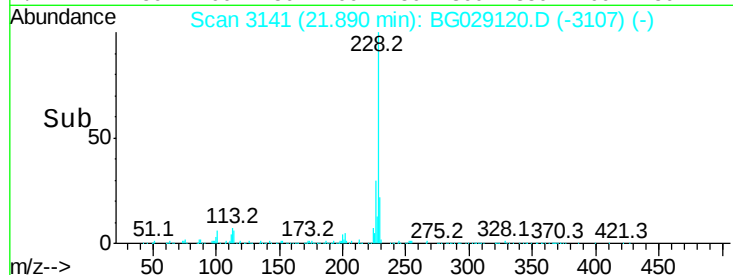
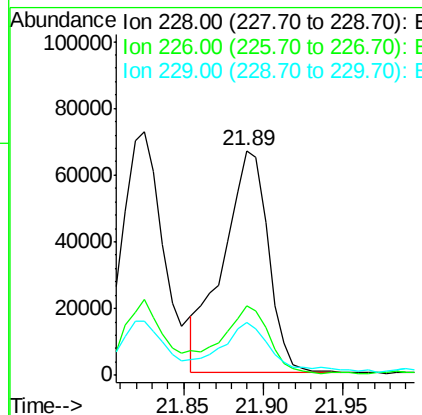
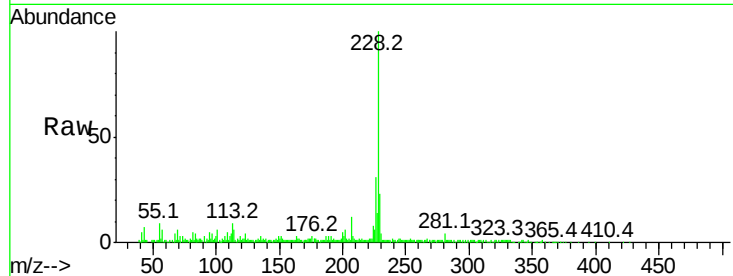
ClientSampled :

DAGQ5

Tot Ion:	228	Resp:	131345
Ion Ratio	Lower	Upper	
228	100		
226	31.1	24.5	36.7
229	23.4	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 9.402 ng/ul

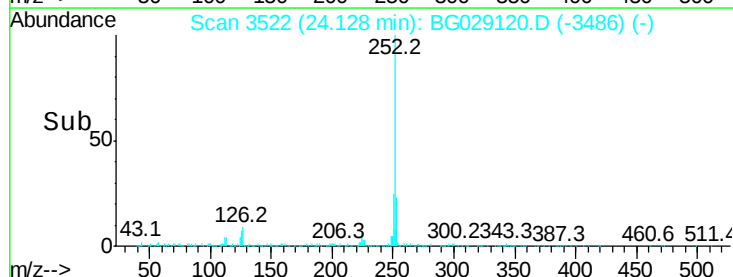
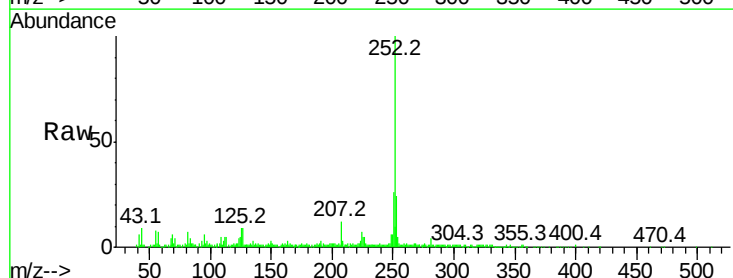
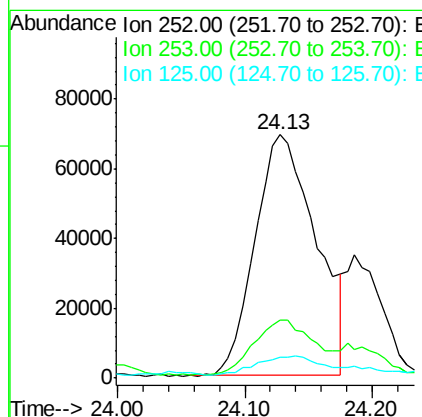
RT: 24.13 min Scan# 3522

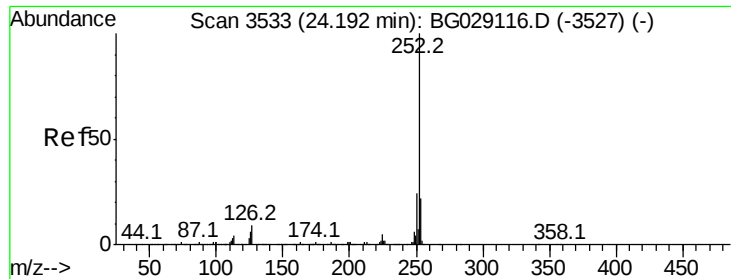
Delta R.T. 0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Tgt Ion:	252	Resp:	230081
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	8.6	8.0	12.0





#24

Benzo(k)fluoranthene

Concen: 3.274 ng/ul

RT: 24.19 min Scan# 3532

Delta R.T. -0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Instrument :

BNA_G

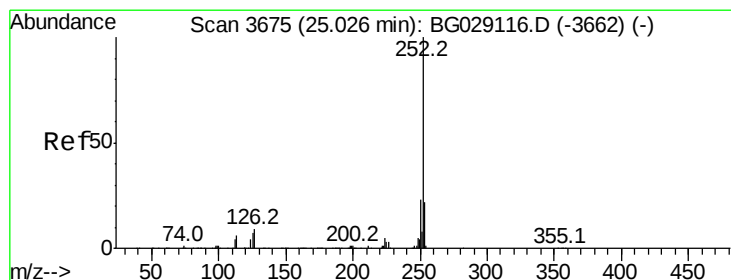
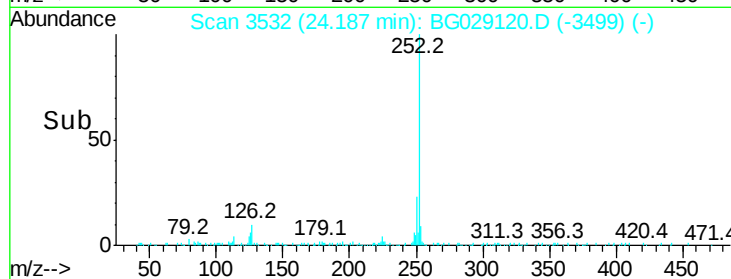
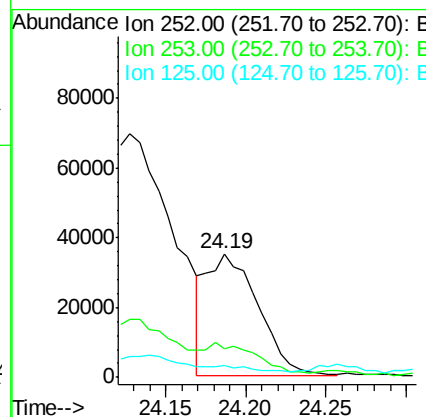
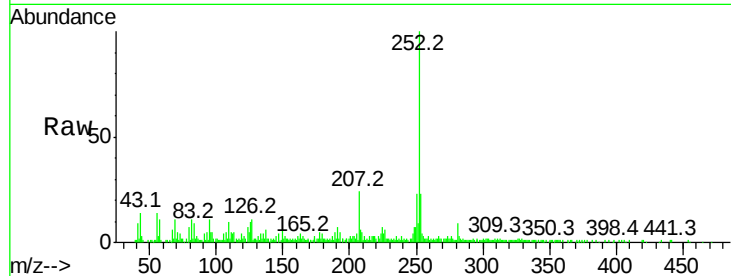
ClientSampled :

DAGQ5

Tot Ion:	252	Resp:	78194
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.0	27.0
125	10.0	8.1	12.1

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#26

Benzo(a)pyrene

Concen: 6.657 ng/ul

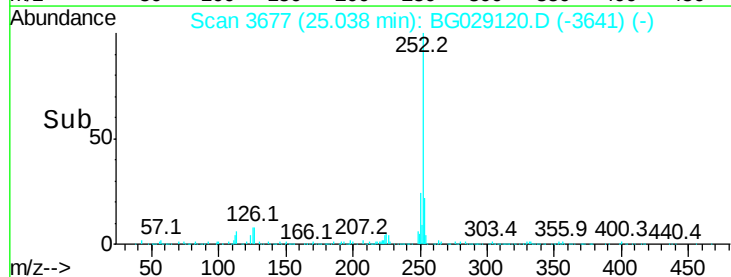
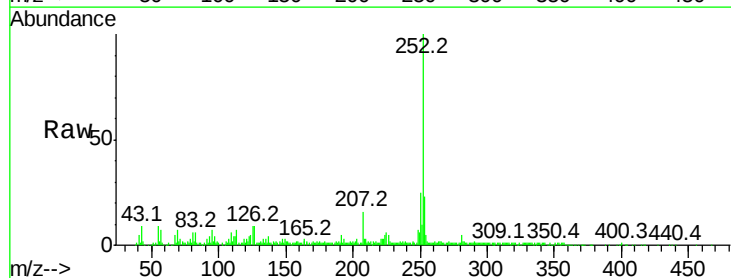
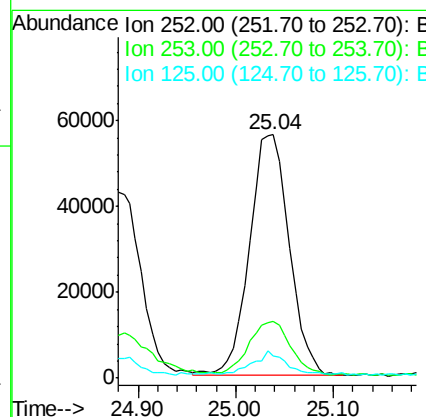
RT: 25.04 min Scan# 3677

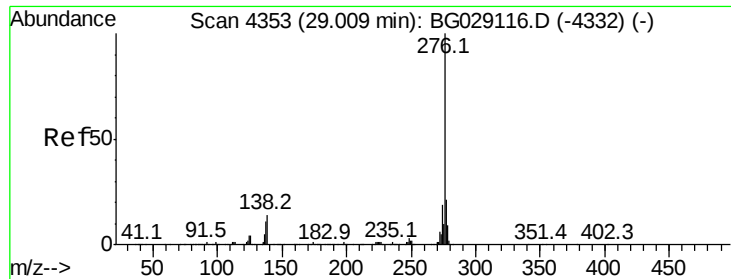
Delta R.T. 0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Tgt Ion:	252	Resp:	158236
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.2	25.8
125	9.3	8.2	12.4





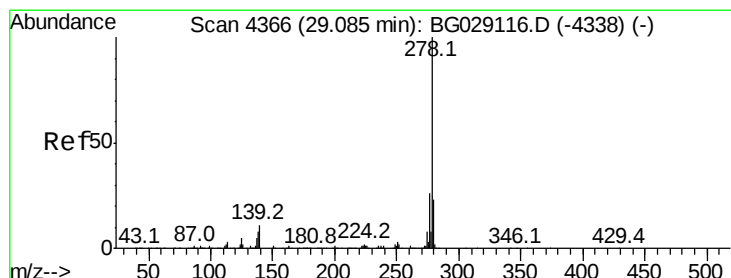
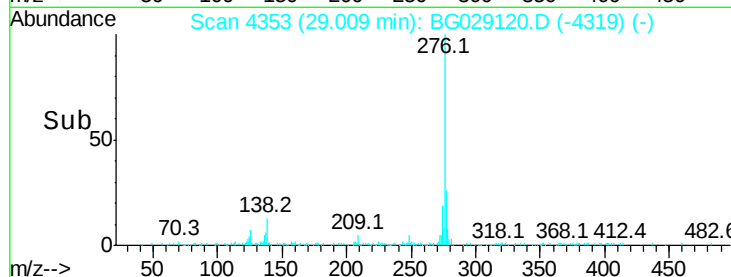
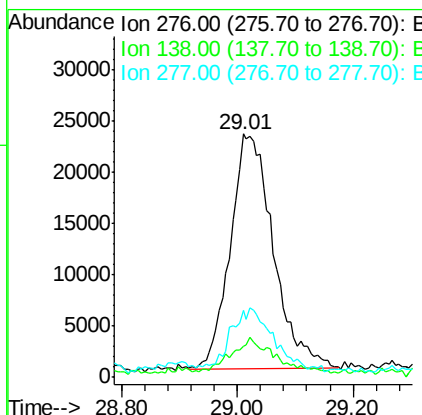
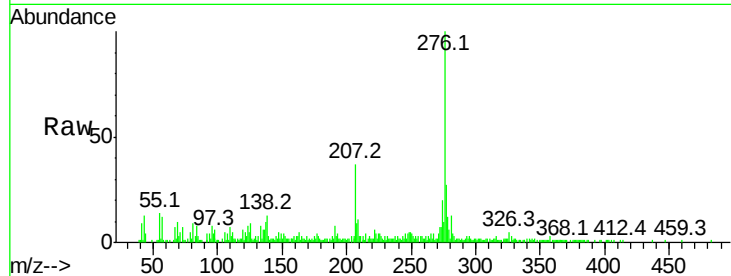
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 4.416 ng/ul
 RT: 29.01 min Scan# 4353
 Delta R.T. 0.00 min
 Lab File: BG029120.D
 Acq: 9 Oct 2017 23:18

Instrument :
 BNA_G
 ClientSampleId :
 DAGQ5

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	14.4	21.6#
277	27.3	18.0	27.0#

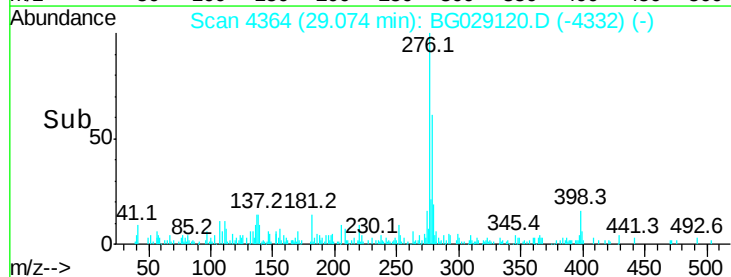
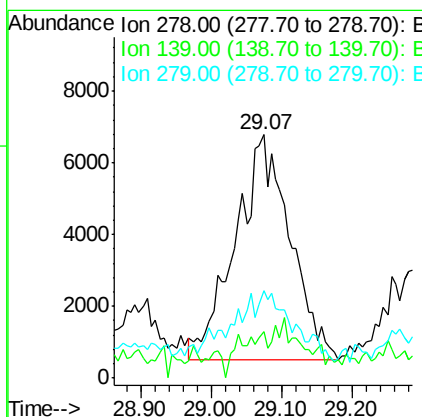
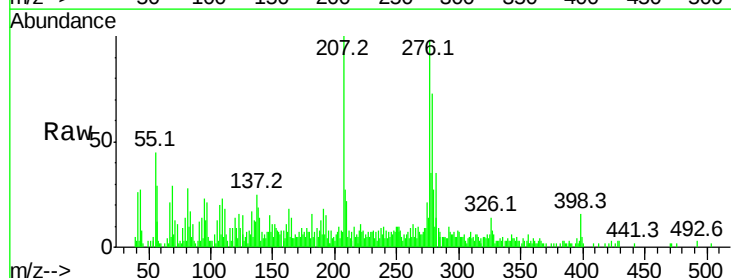
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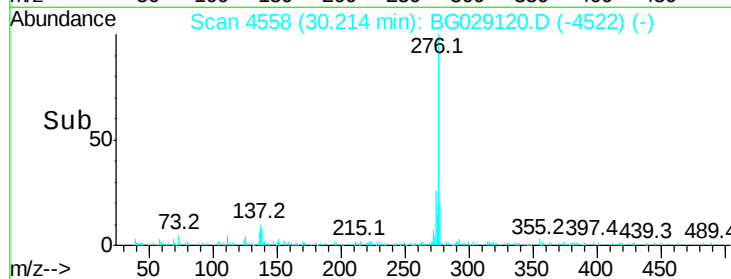
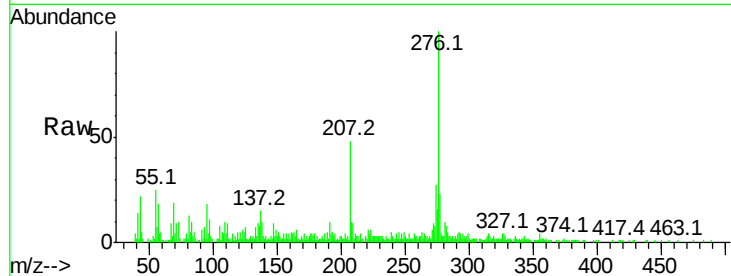
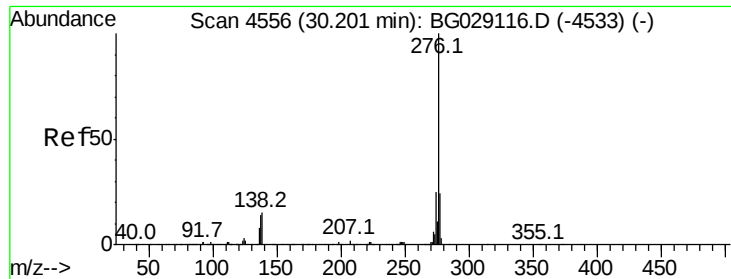
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#28
 Dibenzo(a,h)anthracene
 Concen: 1.510 ng/ul
 RT: 29.07 min Scan# 4364
 Delta R.T. -0.01 min
 Lab File: BG029120.D
 Acq: 9 Oct 2017 23:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.2	18.4#
279	36.1	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 4.262 ng/ul

RT: 30.21 min Scan# 4558

Delta R.T. 0.01 min

Lab File: BG029120.D

Acq: 9 Oct 2017 23:18

Instrument :

BNA_G

ClientSampleId :

DAGQ5

Tot Ion: 276 Resp: 94808

Ion Ratio Lower Upper

276 100

138 10.2 15.3 22.9#

277 23.0 19.0 28.4

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