

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029141.D
 Acq On : 10 Oct 2017 15:04
 Operator : SJ/JU
 Sample : I5577-14
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH86

Manual Integrations
 APPROVED

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Quant Time: Oct 11 04:53:12 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 04:15:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	47736	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	198688	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	131061	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	302438	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	313045	20.00	ng/ul	0.00
22) Perylene-d12	25.19	264	325035	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.53	160	300924	22.08	ng/ul	0.00
10) Fluorene-d10	15.81	176	243253	24.61	ng/ul	0.00
14) Anthracene-d10	17.66	188	361575	24.68	ng/ul	0.00
18) Pyrene-d10	19.94	212	410411	25.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	368613	23.67	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.60	178	78005	4.835	ng/ul	96
16) Fluoranthene	19.60	202	167738	8.870	ng/ul#	91
19) Pyrene	19.97	202	134813	6.909	ng/ul#	88
20) Benzo(a)anthracene	21.83	228	82213	4.459	ng/ul	95
21) Chrysene	21.89	228	108131	6.405	ng/ul	96
23) Benzo(b)fluoranthene	24.13	252	189372	9.739	ng/ul	98
24) Benzo(k)fluoranthene	24.19	252	52372m	2.760	ng/ul	
26) Benzo(a)pyrene	25.03	252	111791m	5.919	ng/ul	
27) Indeno(1,2,3-cd)pyrene	29.04	276	90713	4.232	ng/ul#	96
28) Dibenzo(a,h)anthracene	29.09	278	22979	1.295	ng/ul#	82
29) Benzo(g,h,i)perylene	30.22	276	82426m	4.663	ng/ul	

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

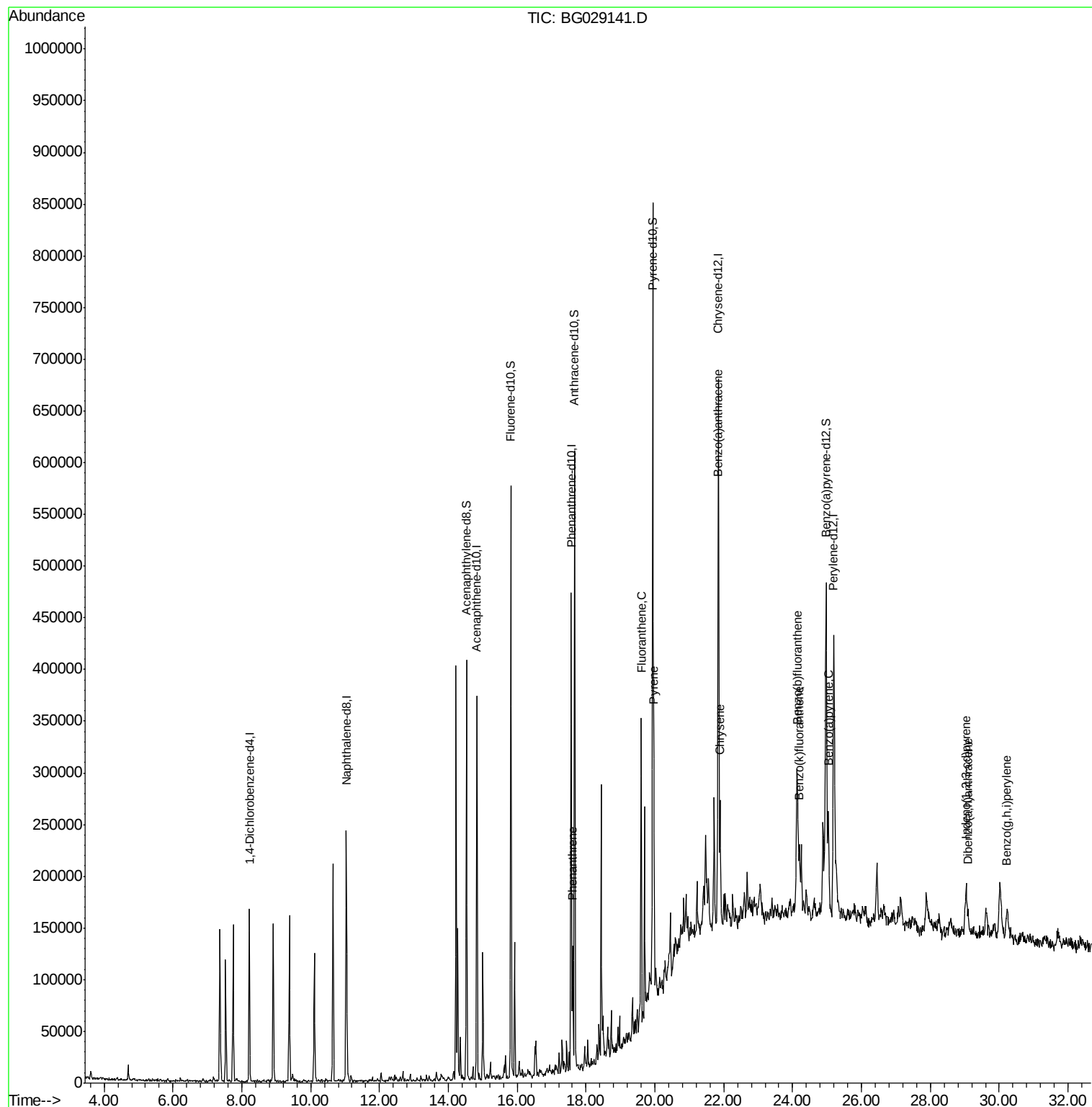
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
Data File : BG029141.D
Acq On : 10 Oct 2017 15:04
Operator : SJ/JU
Sample : I5577-14
Misc :
ALS Vial : 9 Sample Multiplier: 1

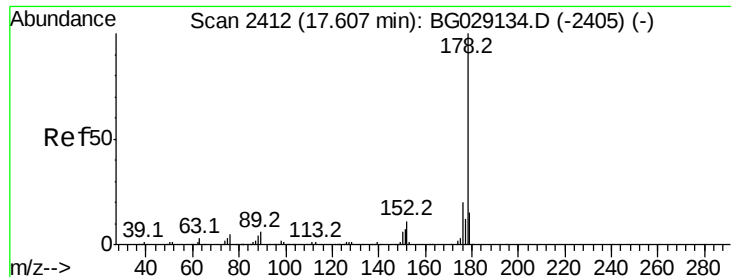
Instrument :
BNA_G
ClientSampled :
DAH86

Quant Time: Oct 11 04:53:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
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#13

Phenanthrene

Concen: 4.835 ng/ul

RT: 17.60 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

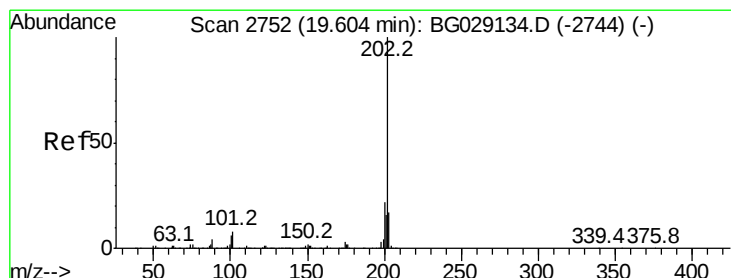
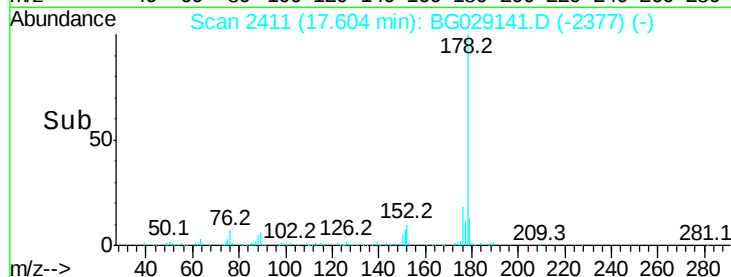
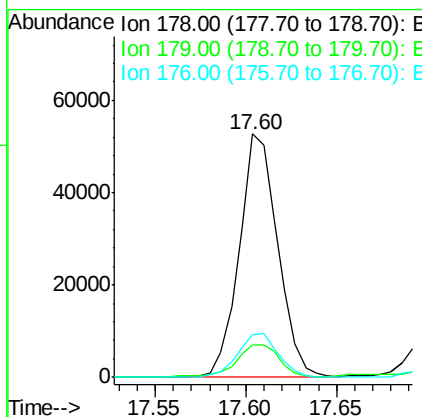
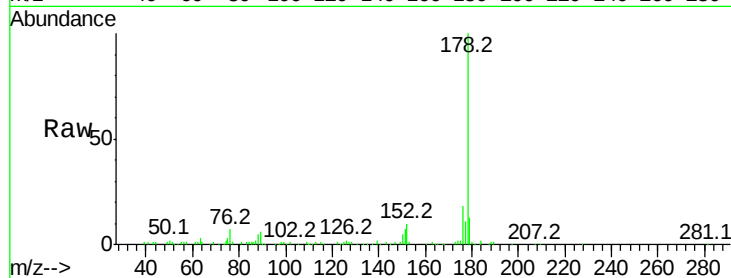
ClientSampleId :

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Tot Ion:	178	Resp:	78005
Ion Ratio	Lower	Upper	
178	100		
179	13.4	12.3	18.5
176	17.5	15.1	22.7

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#16

Fluoranthene

Concen: 8.870 ng/ul

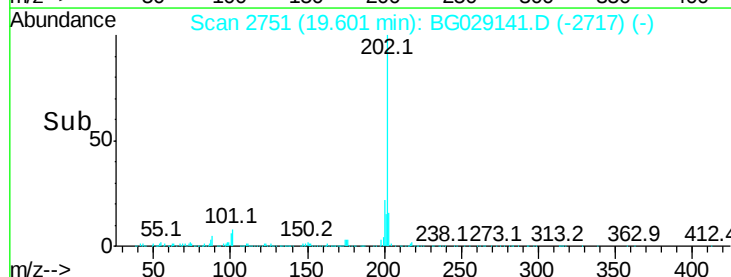
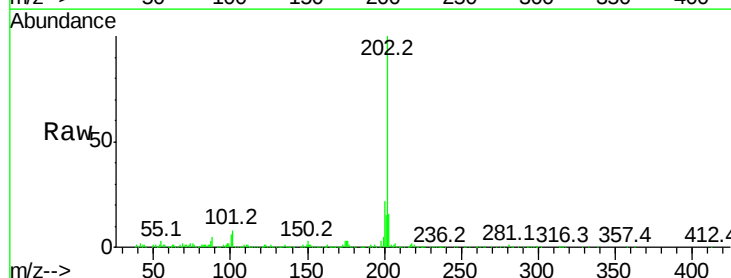
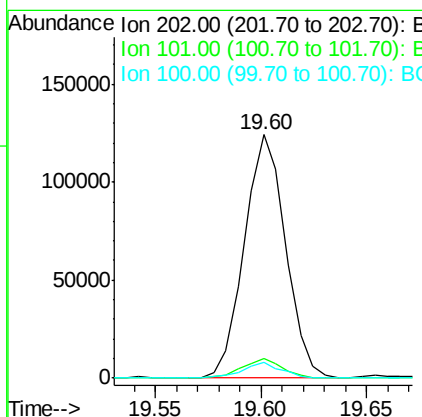
RT: 19.60 min Scan# 2751

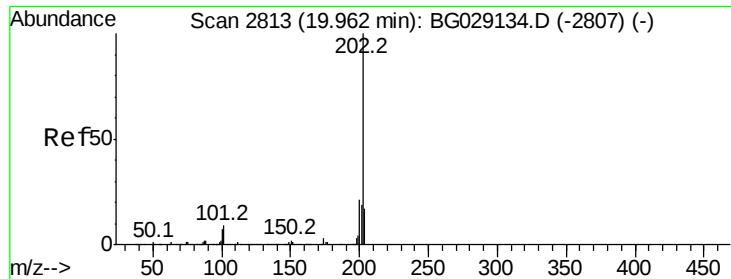
Delta R.T. -0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Tgt Ion:	202	Resp:	167738
Ion Ratio	Lower	Upper	
202	100		
101	8.2	9.9	14.9#
100	6.3	7.4	11.0#





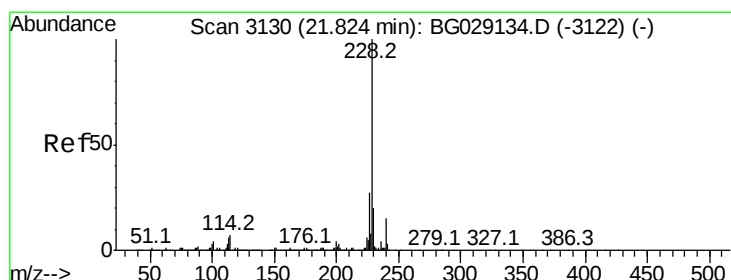
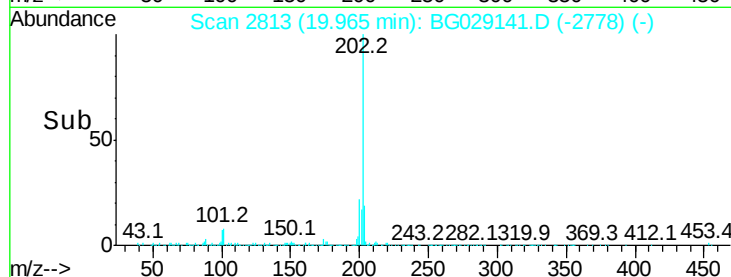
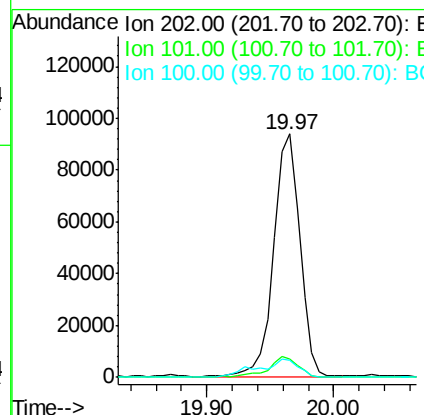
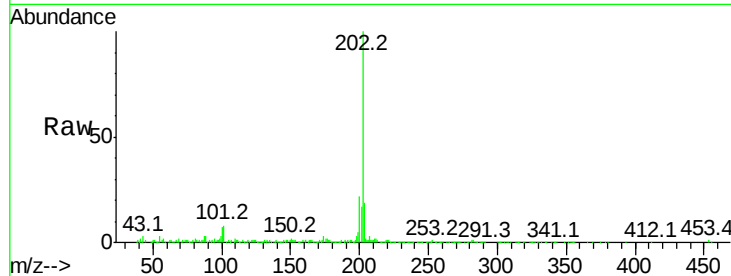
#19
Pvrene
Concen: 6.909 ng/ul
RT: 19.97 min Scan# 2813
Delta R.T. 0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Instrument :
BNA_G
ClientSampleId :
DAH86

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.6	11.0	16.4#
100	6.8	8.1	12.1#

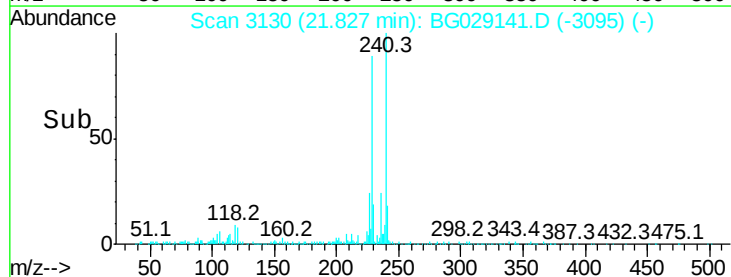
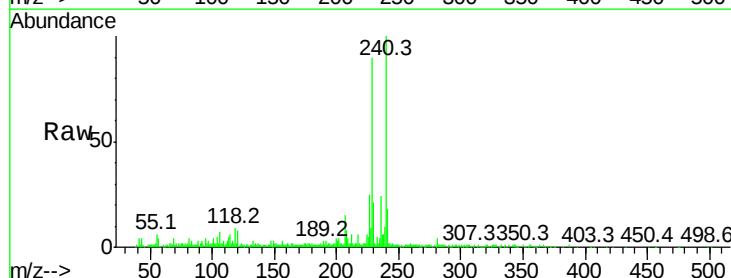
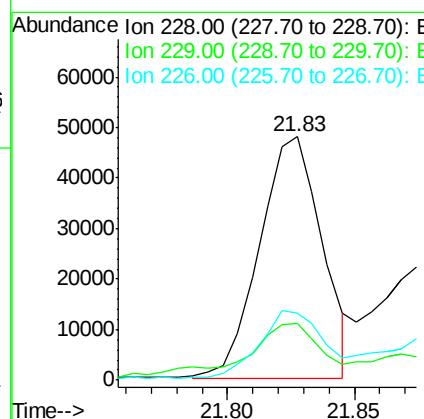
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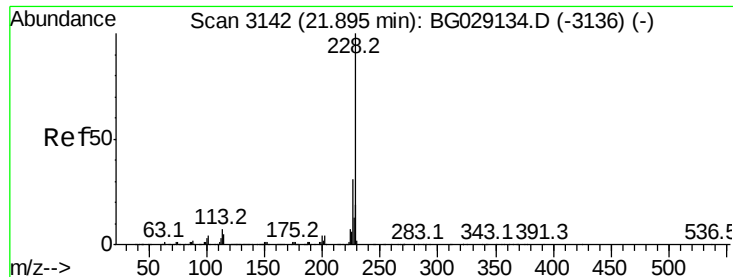
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#20
Benzo(a)anthracene
Concen: 4.459 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	23.4	15.7	23.5
226	27.6	21.1	31.7





#21

Chrysene

Concen: 6.405 ng/ul

RT: 21.89 min Scan# 3141

Delta R.T. -0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

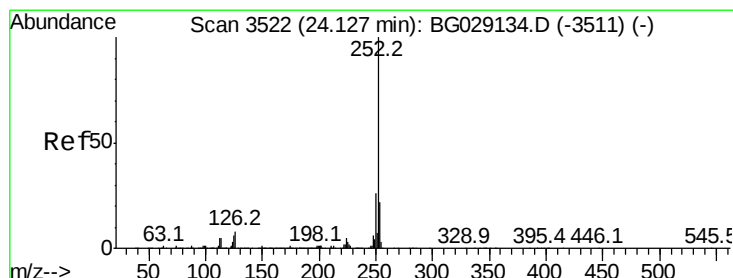
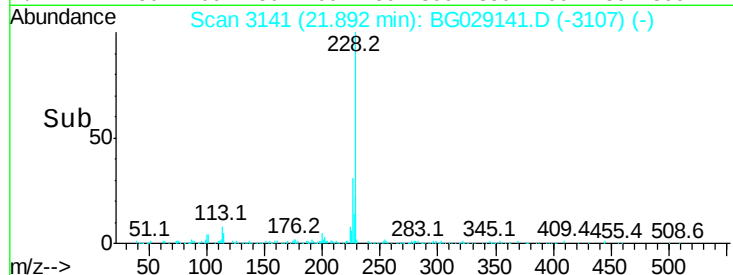
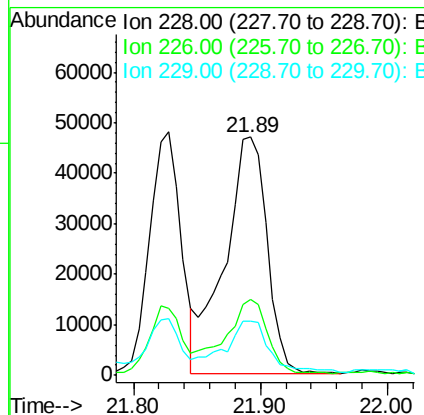
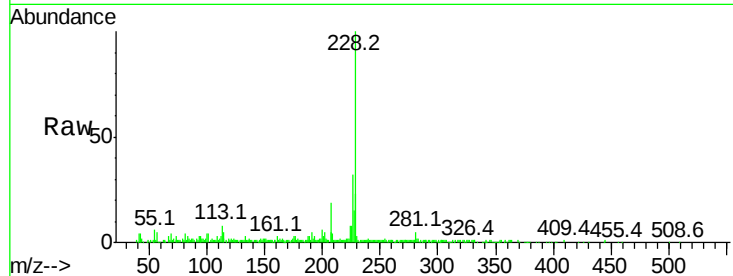
ClientSampleId :

DAH86

Tot Ion:	228	Resp:	108131
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.5	36.7
229	22.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 9.739 ng/ul

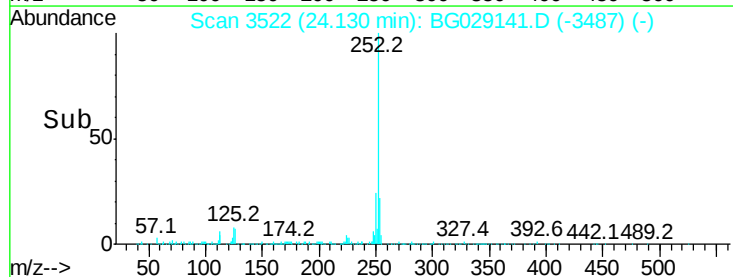
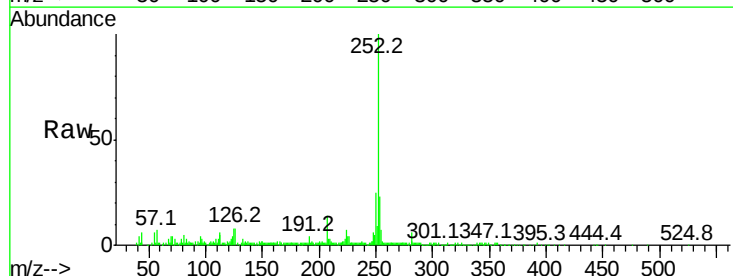
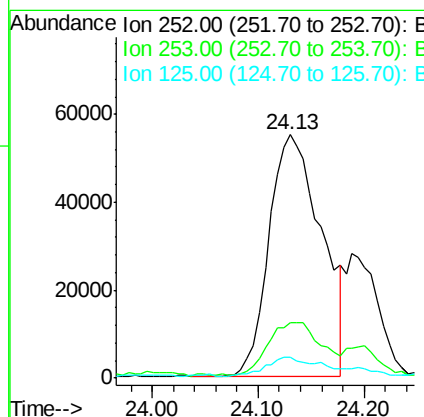
RT: 24.13 min Scan# 3522

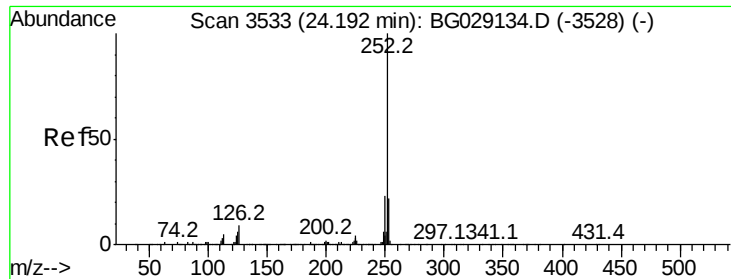
Delta R.T. 0.00 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Tgt Ion:	252	Resp:	189372
Ion Ratio	Lower	Upper	
252	100		
253	23.0	18.0	27.0
125	8.4	8.0	12.0





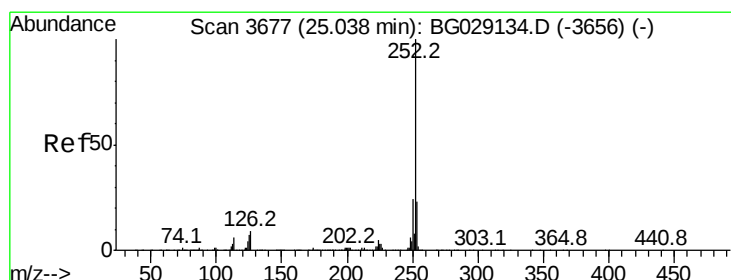
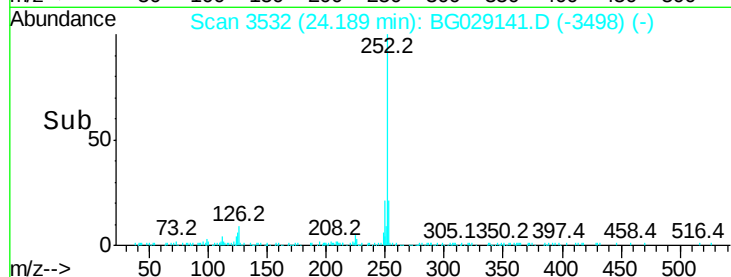
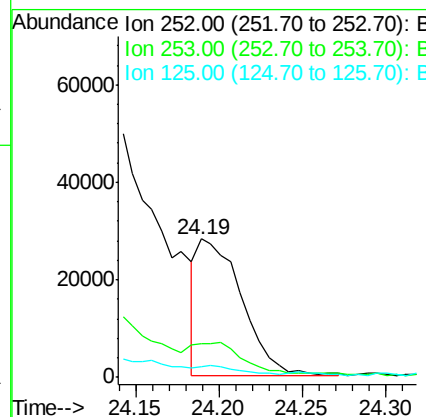
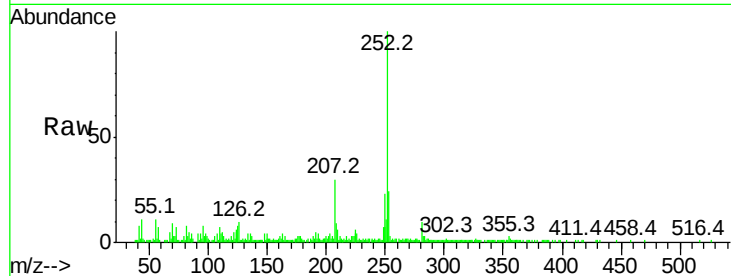
#24
Benzo(k)fluoranthene
Concen: 2.760 ng/ul m
RT: 24.19 min Scan# 3532
Delta R.T. -0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Instrument :
BNA_G
ClientSampleId :
DAH86

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.0	27.0
125	7.9	8.1	12.1#

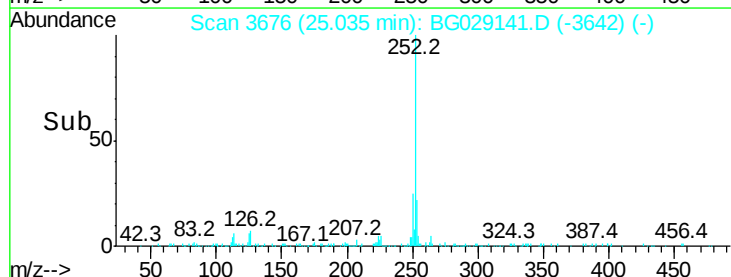
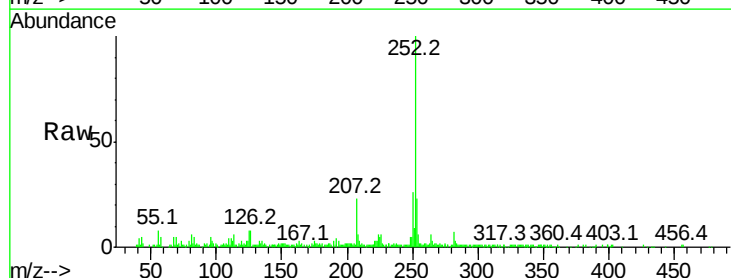
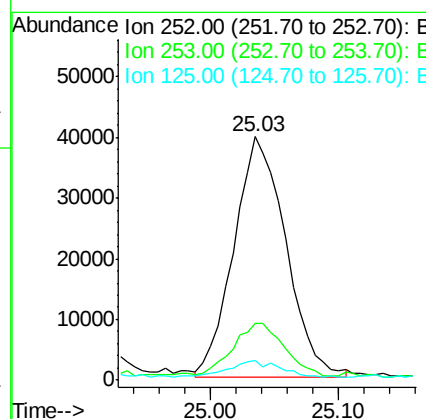
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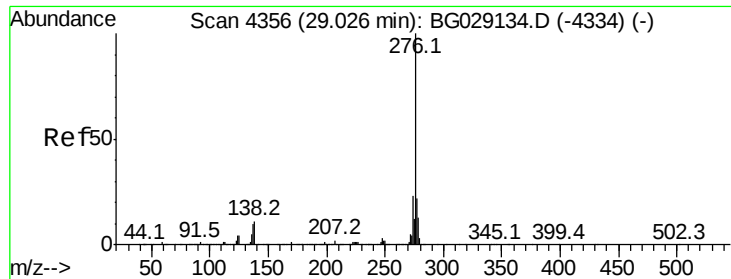
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#26
Benzo(a)pyrene
Concen: 5.919 ng/ul m
RT: 25.03 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	7.8	8.2	12.4#





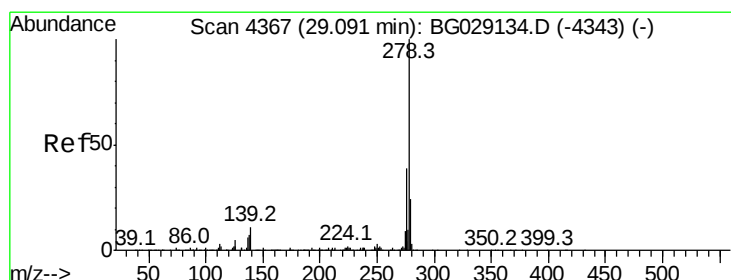
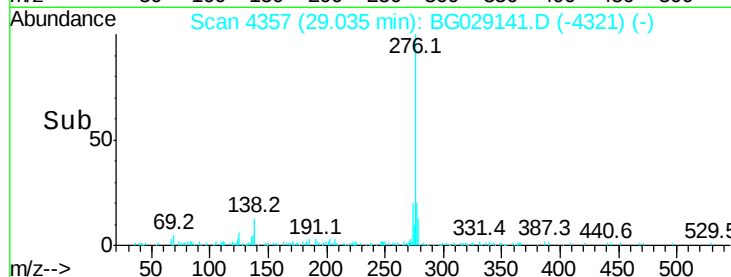
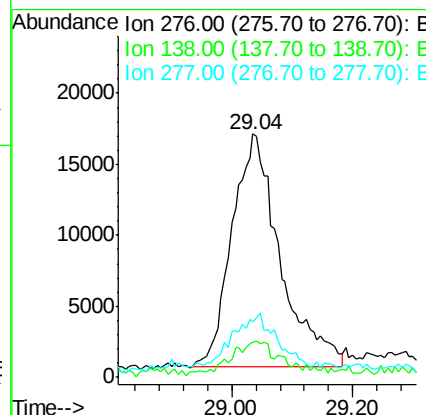
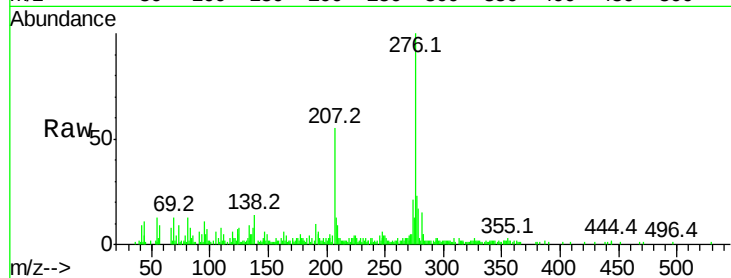
#27
Indeno(1,2,3-cd)pyrene
Concen: 4.232 ng/ul
RT: 29.04 min Scan# 4357
Delta R.T. 0.01 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Instrument :
BNA_G
ClientSampleId :
DAH86

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	14.4	21.6#
277	22.6	18.0	27.0

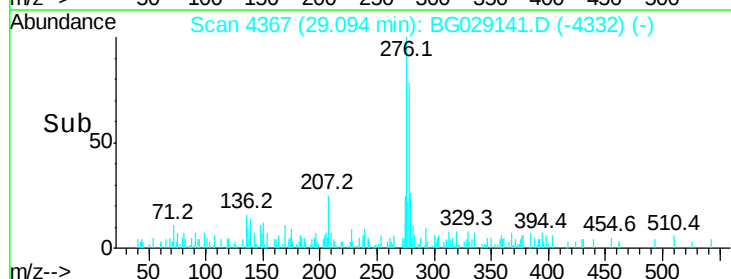
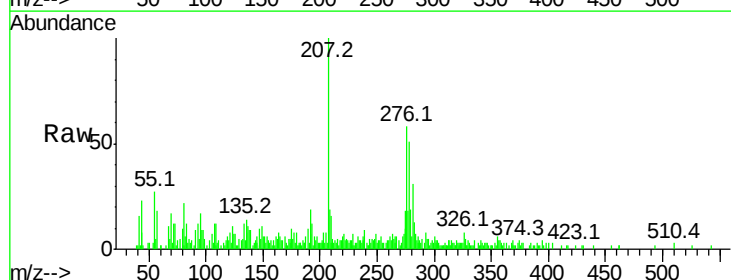
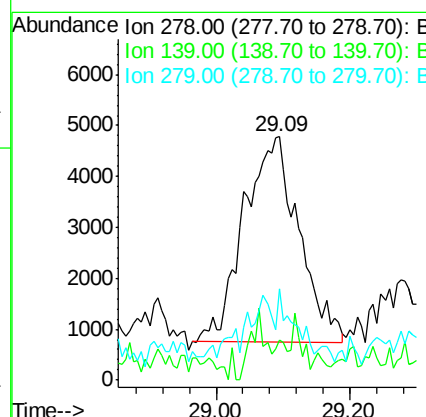
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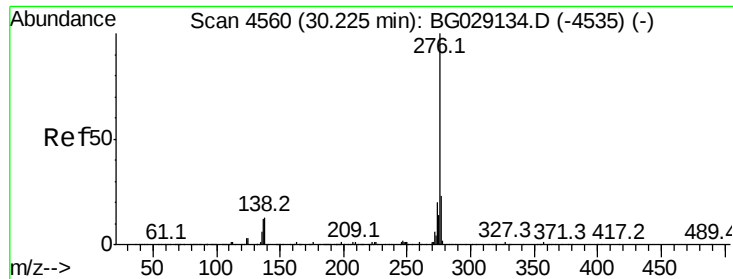
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#28
Dibenzo(a,h)anthracene
Concen: 1.295 ng/ul
RT: 29.09 min Scan# 4367
Delta R.T. 0.00 min
Lab File: BG029141.D
Acq: 10 Oct 2017 15:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.2	18.4
279	37.7	19.2	28.8#





#29

Benzo(a,h,i)perylene

Concen: 4.663 ng/ul m

RT: 30.22 min Scan# 4558

Delta R.T. -0.01 min

Lab File: BG029141.D

Acq: 10 Oct 2017 15:04

Instrument :

BNA_G

ClientSampleId :

DAH86

Tot Ion:	276	Resp:	82426
Ion Ratio	Lower	Upper	
276	100		
138	13.3	15.3	22.9#
277	17.5	19.0	28.4#

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