

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
 Data File : BG029126.D
 Acq On : 10 Oct 2017 3:18
 Operator : SJ/JU
 Sample : I5576-20
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAHA1

Manual Integrations
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Quant Time: Oct 10 07:05:42 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	8.22	152	57268	20.00	ng/ul	0.00
2) Naphthalene-d8	11.04	136	243447	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	159233	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	370972	20.00	ng/ul	0.00
17) Chrysene-d12	21.85	240	384730	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	401276	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.53	160	572069	34.54	ng/ul	0.00
10) Fluorene-d10	15.81	176	435527	36.26	ng/ul	0.00
14) Anthracene-d10	17.67	188	627068	34.90	ng/ul	0.00
18) Pyrene-d10	19.94	212	723345	36.75	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	700914	36.46	ng/ul	0.02
Target Compounds						
					Ovalue	
3) Naphthalene	11.08	128	18118	1.430	ng/ul#	93
4) 2-Methylnaphthalene	12.67	142	12404	1.290	ng/ul	90
13) Phenanthrene	17.61	178	158506	8.010	ng/ul	99
15) Anthracene	17.70	178	22687	1.121	ng/ul	98
16) Fluoranthene	19.60	202	311883	13.446	ng/ul#	91
19) Pyrene	19.97	202	267161m	11.140	ng/ul	
20) Benzo(a)anthracene	21.82	228	166426	7.345	ng/ul	99
21) Chrysene	21.89	228	172175	8.299	ng/ul	94
23) Benzo(b)fluoranthene	24.14	252	267729	11.153	ng/ul#	96
24) Benzo(k)fluoranthene	24.19	252	95161	4.062	ng/ul#	97
26) Benzo(a)pyrene	25.04	252	170649	7.319	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	29.04	276	121448	4.589	ng/ul#	94
28) Dibenzo(a,h)anthracene	29.09	278	30537	1.394	ng/ul	96
29) Benzo(a,h,i)perylene	30.23	276	102437	4.694	ng/ul#	92

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

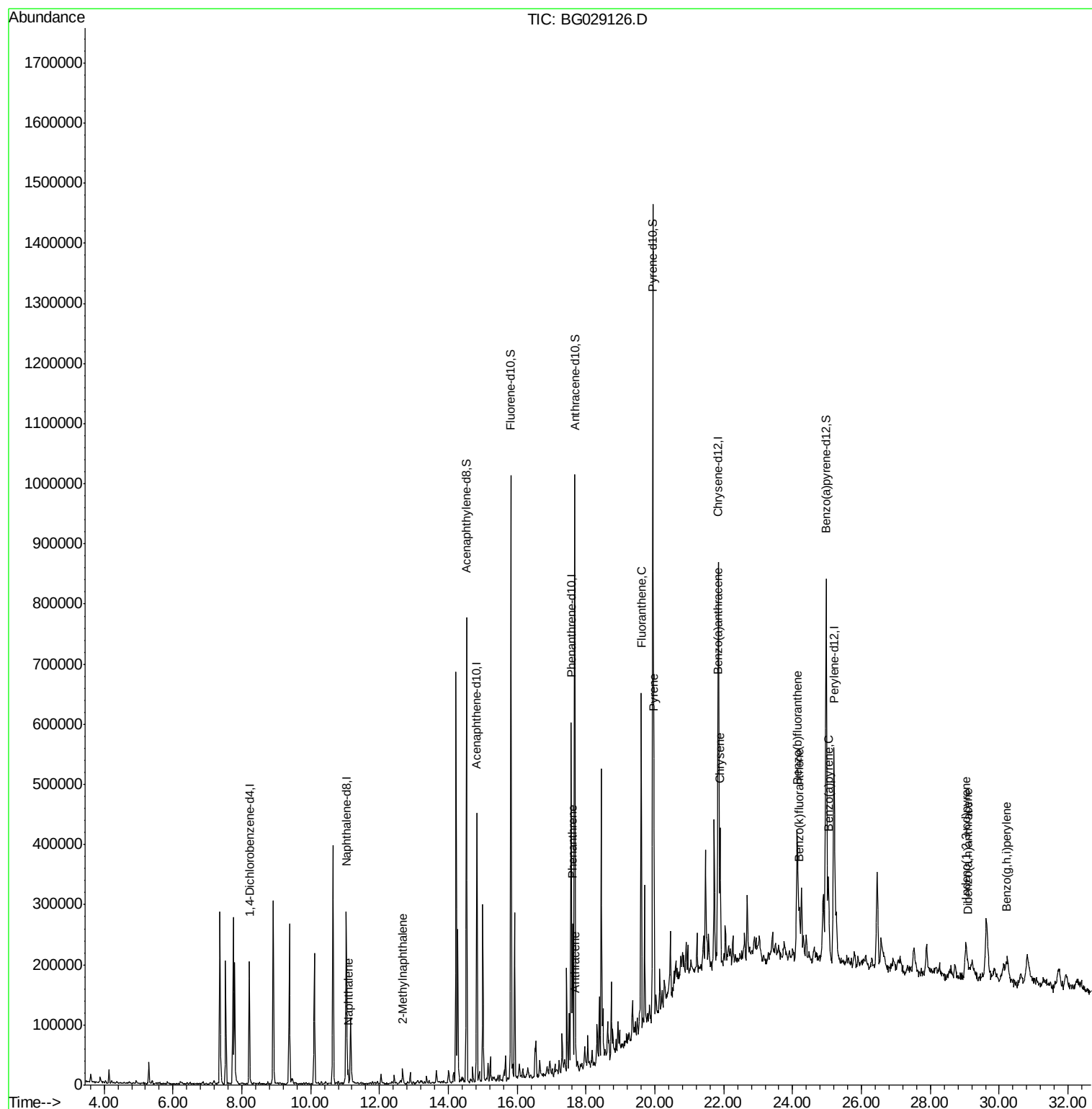
Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
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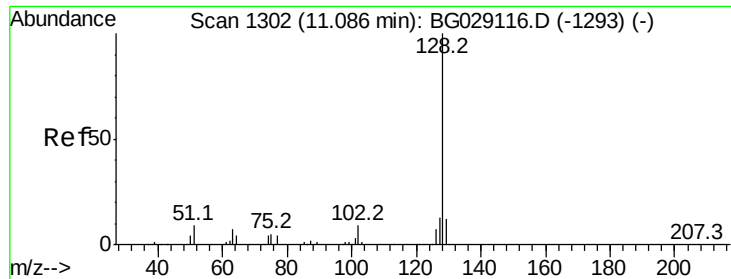
Instrument :
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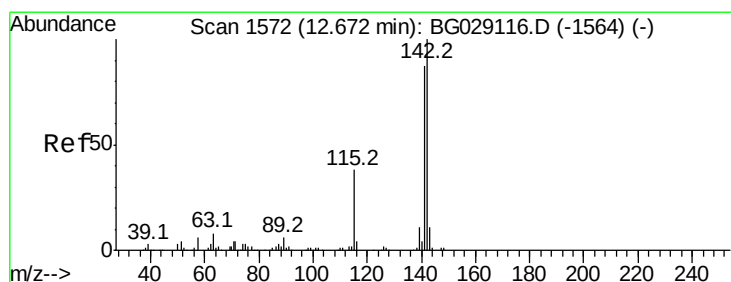
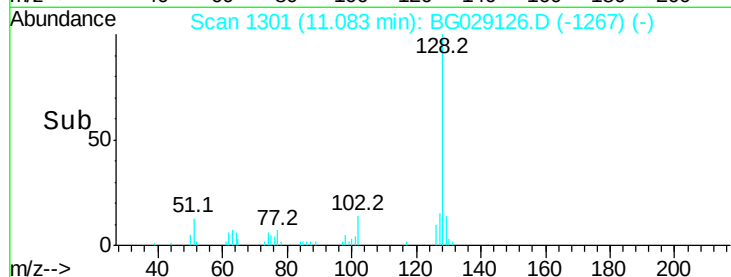
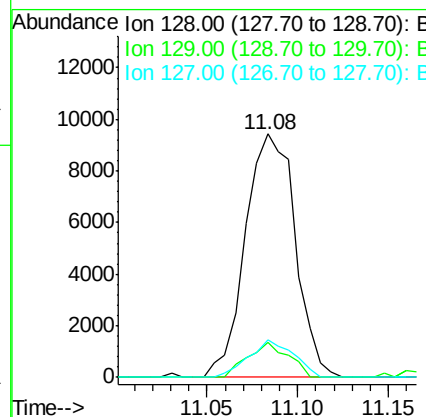
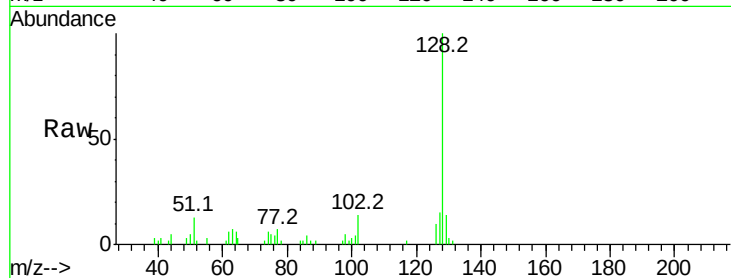
#3
Naphthalene
Concen: 1.430 ng/ul
RT: 11.08 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion	Ratio	Lower	Upper
128	100		
129	14.1	8.7	13.1#
127	15.4	10.6	16.0

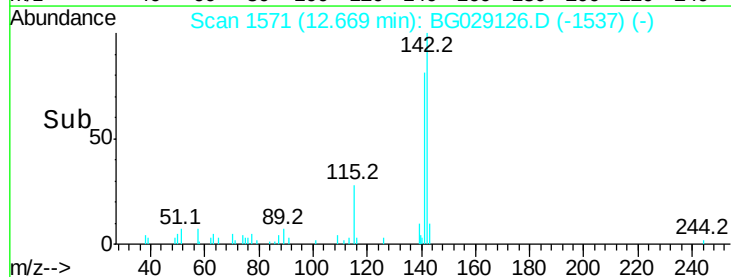
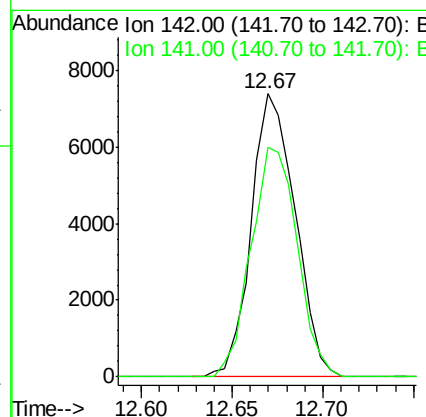
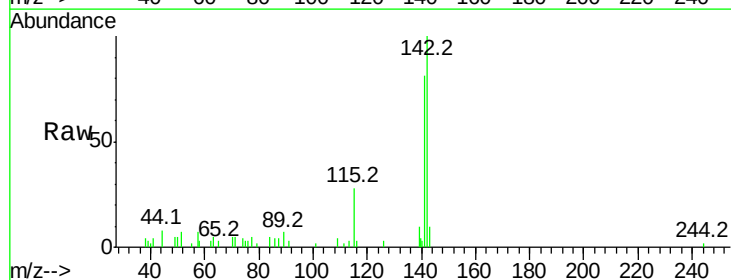
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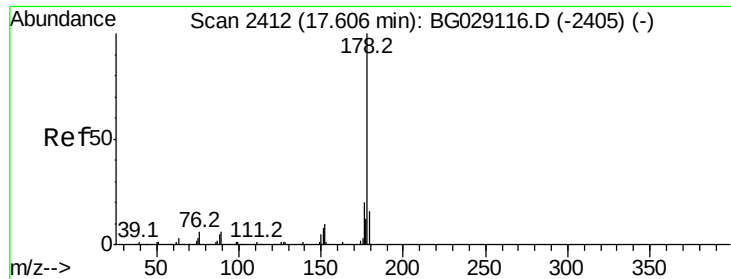
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#4
2-Methylnaphthalene
Concen: 1.290 ng/ul
RT: 12.67 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.1	72.7	109.1





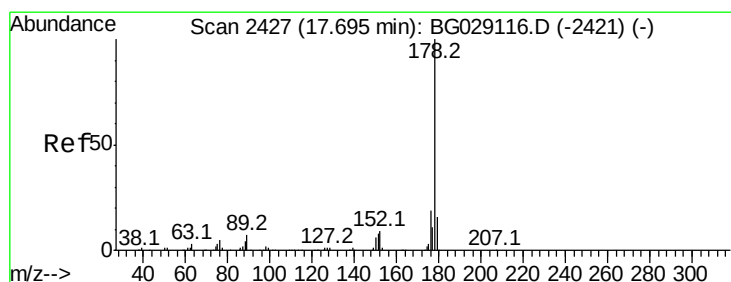
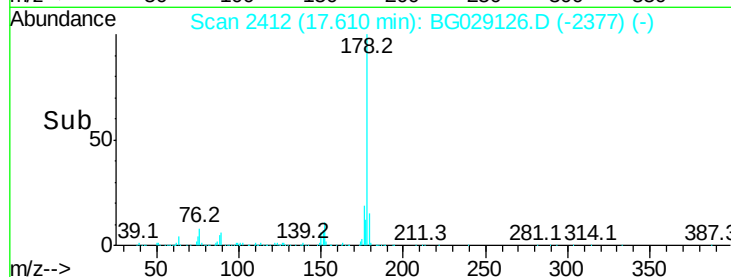
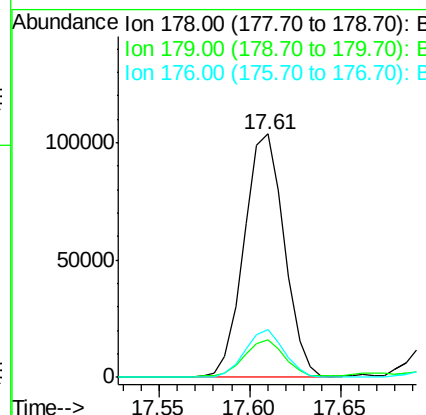
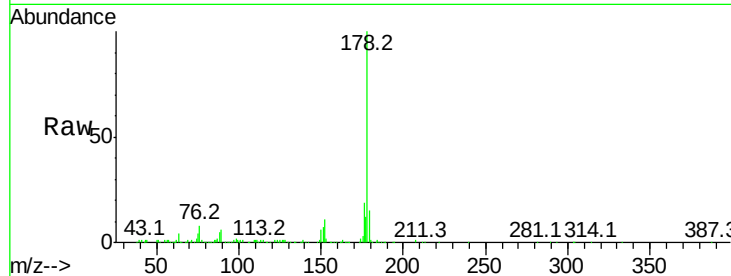
#13
Phenanthrene
Concen: 8.010 ng/ul
RT: 17.61 min Scan# 2412
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.4	15.1	22.7

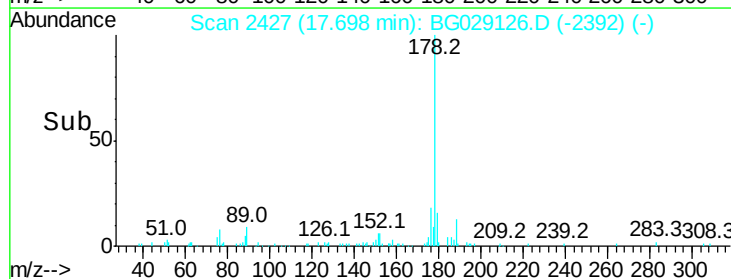
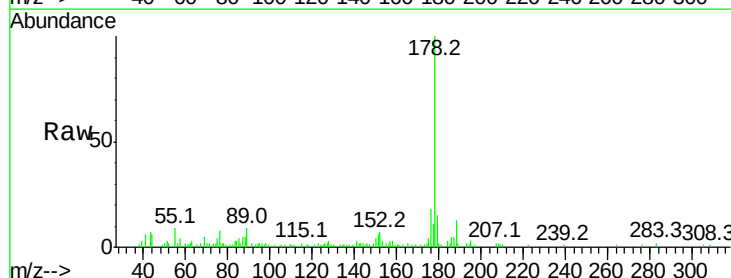
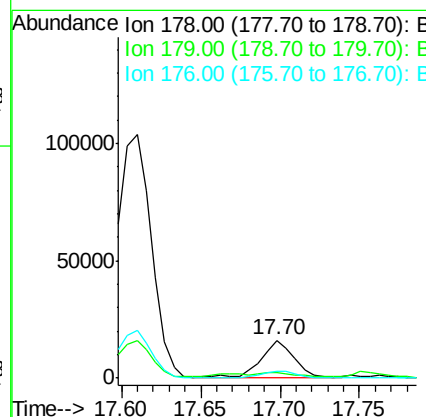
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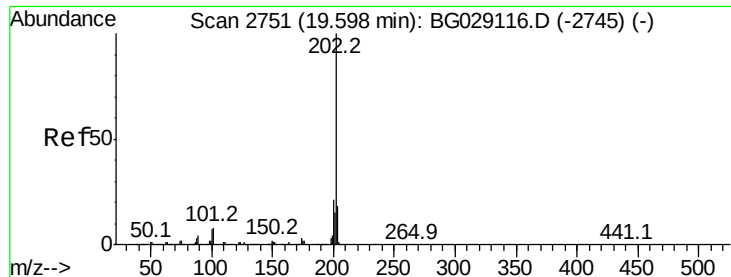
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#15
Anthracene
Concen: 1.121 ng/ul
RT: 17.70 min Scan# 2427
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	17.8	15.2	22.8





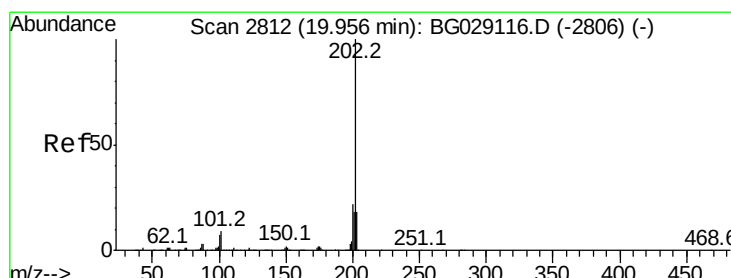
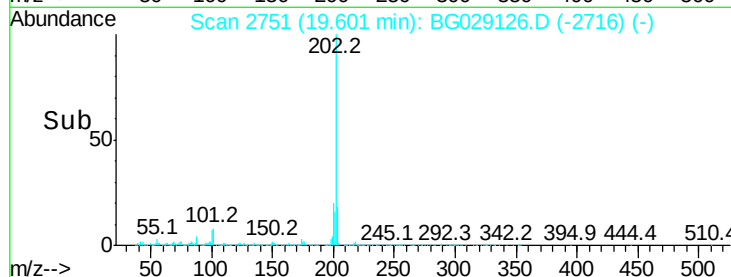
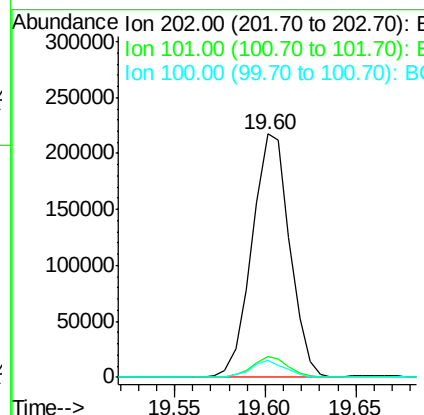
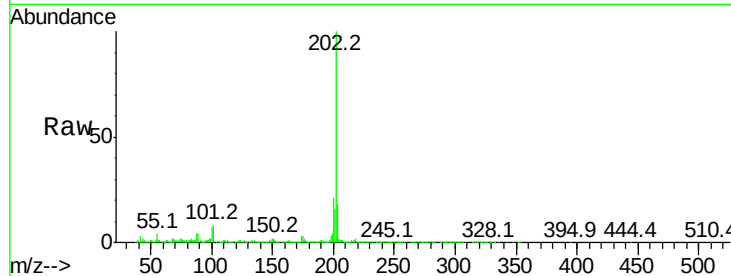
#16
Fluoranthene
Concen: 13.446 ng/ul
RT: 19.60 min Scan# 2751
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.3	9.9	14.9#
100	6.8	7.4	11.0#

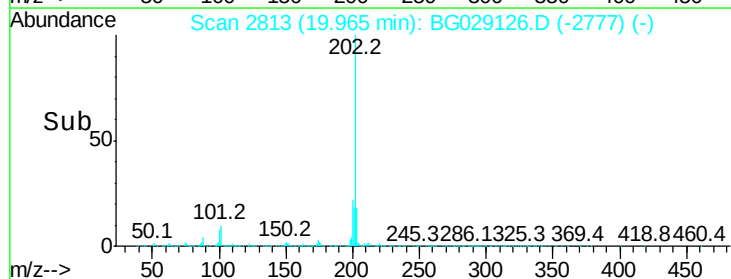
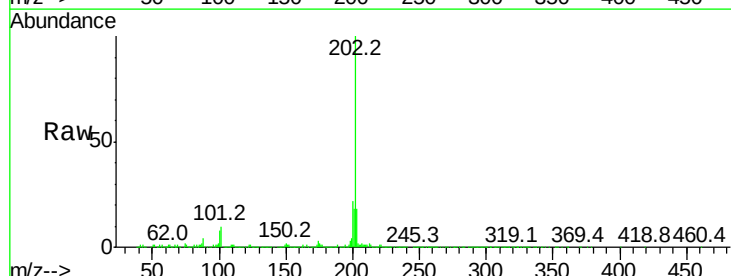
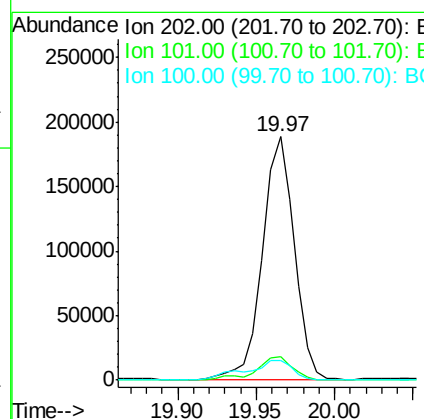
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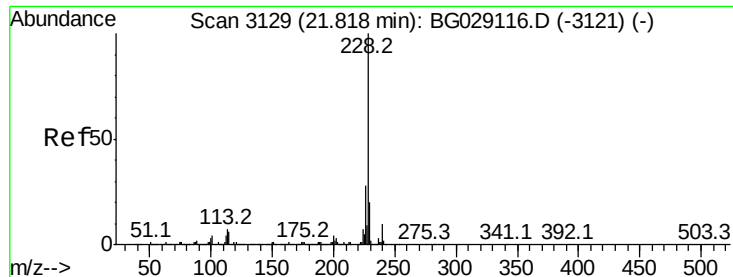
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#19
Pyrene
Concen: 11.140 ng/ul m
RT: 19.97 min Scan# 2813
Delta R.T. 0.01 min
Lab File: BG029126.D
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Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	11.0	16.4#
100	8.0	8.1	12.1#





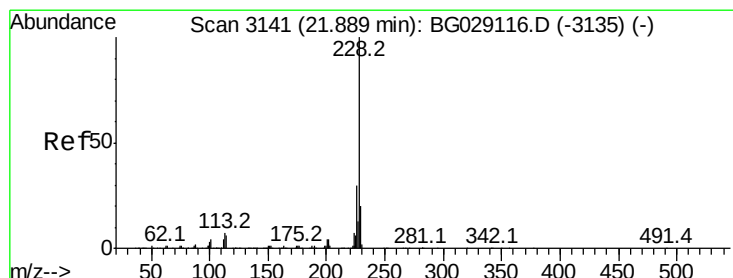
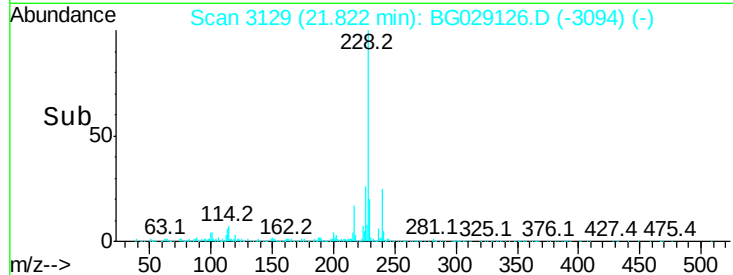
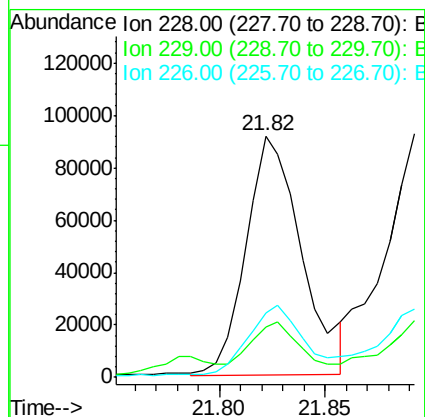
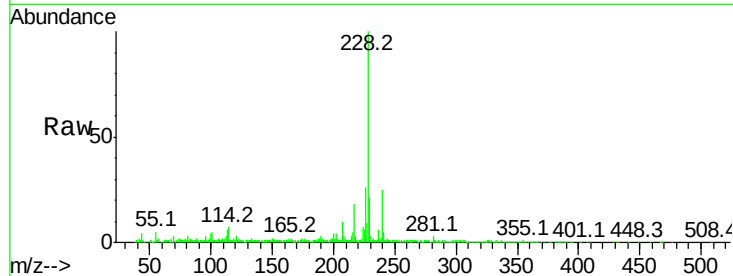
#20
Benzo(a)anthracene
Concen: 7.345 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.7	23.5
226	26.4	21.1	31.7

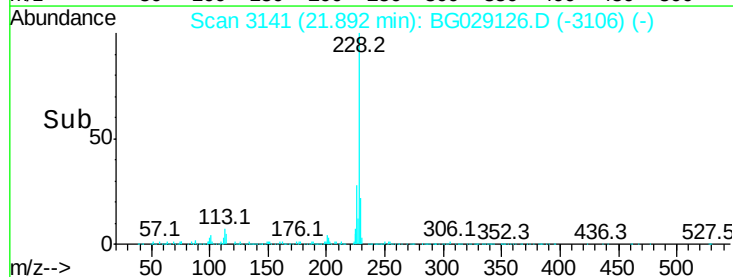
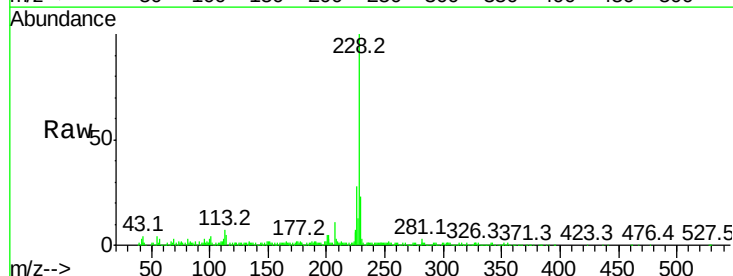
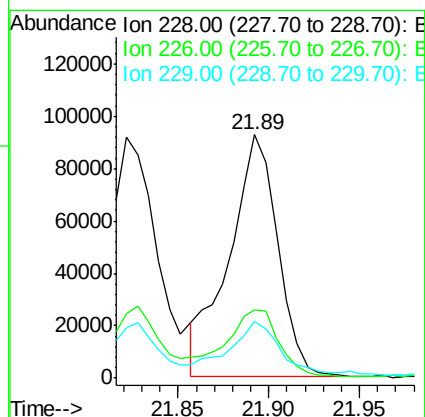
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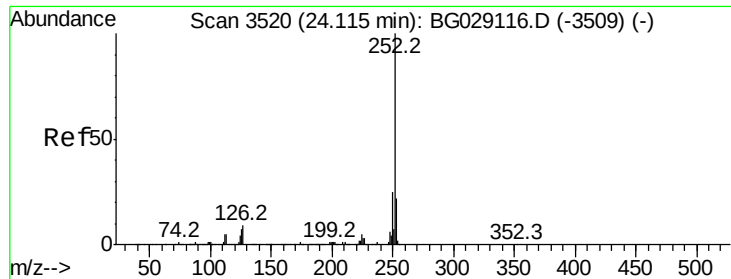
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#21
Chrysene
Concen: 8.299 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	24.5	36.7
229	23.2	15.8	23.8





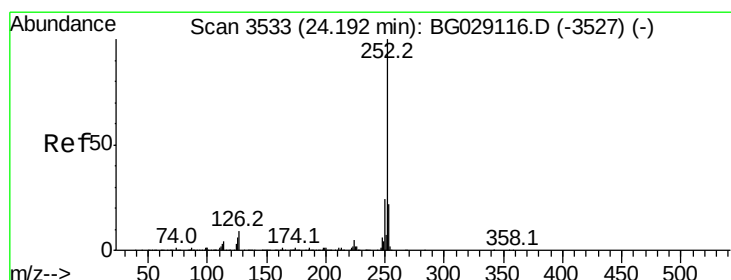
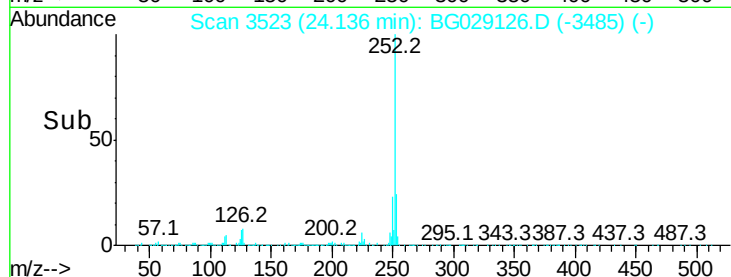
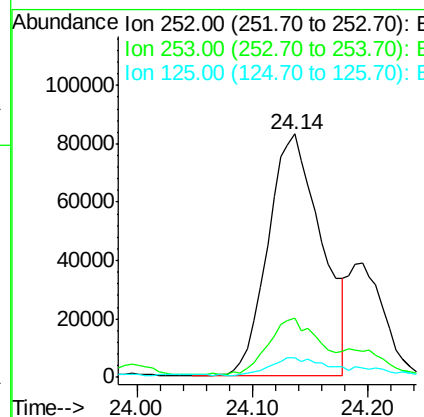
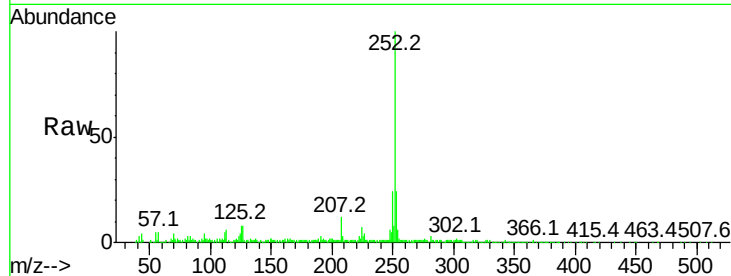
#23
Benzo(b)fluoranthene
Concen: 11.153 ng/ul
RT: 24.14 min Scan# 3523
Delta R.T. 0.02 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	8.0	8.0	12.0

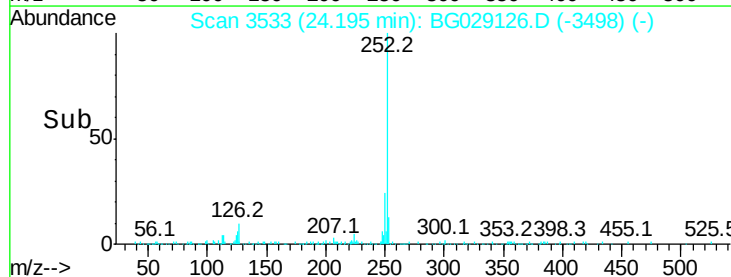
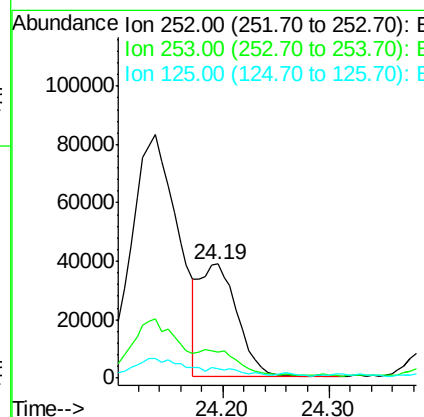
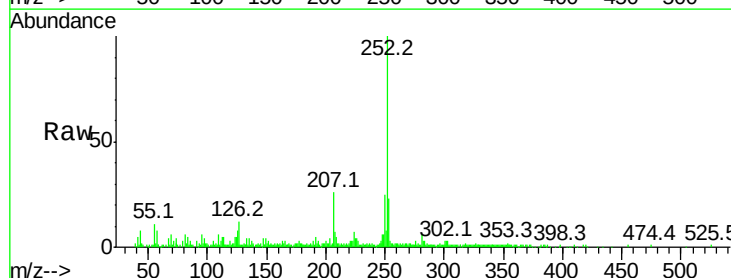
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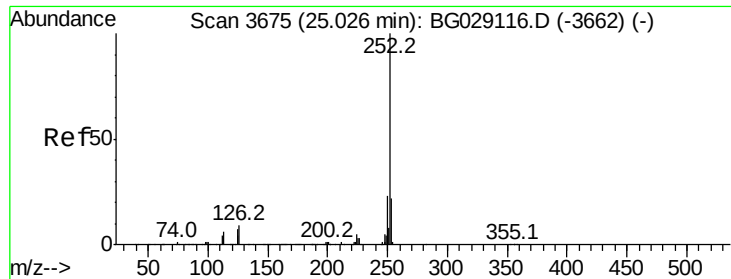
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#24
Benzo(k)fluoranthene
Concen: 4.062 ng/ul
RT: 24.19 min Scan# 3533
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	7.9	8.1	12.1





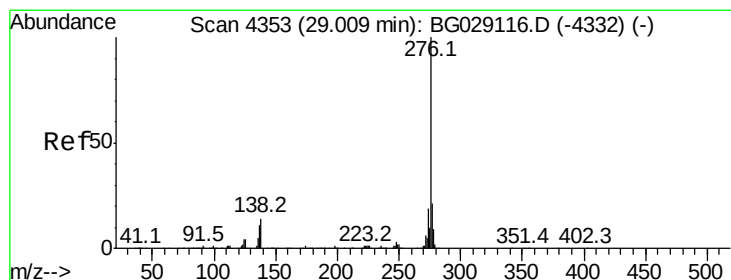
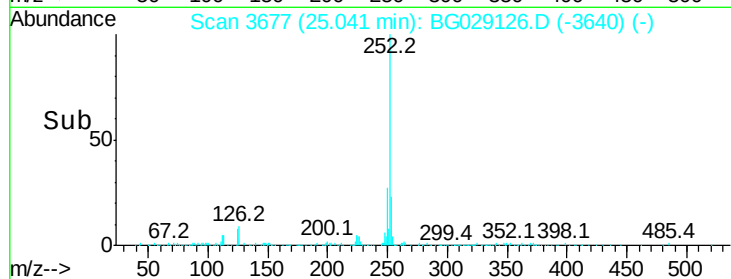
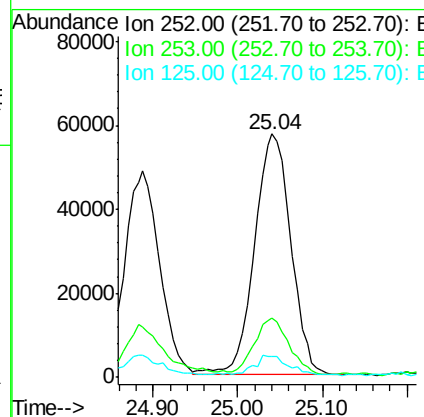
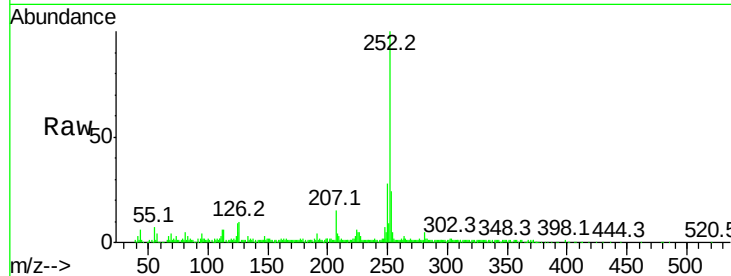
#26
Benzo(a)pyrene
Concen: 7.319 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. 0.02 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion:	252	Resp:	170649
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.2	25.8
125	8.7	8.2	12.4

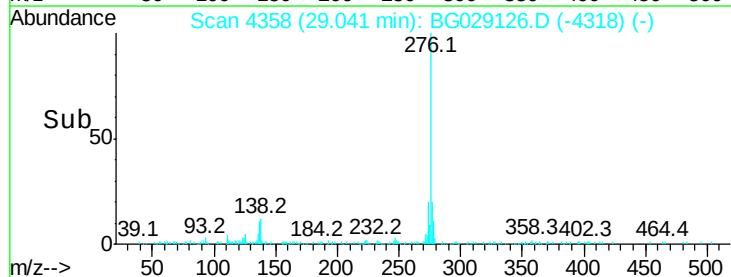
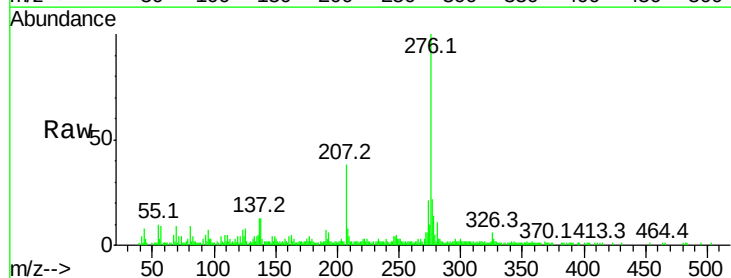
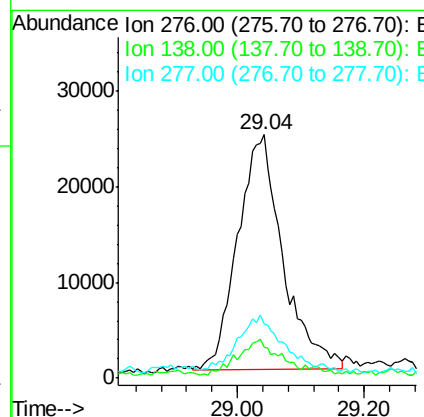
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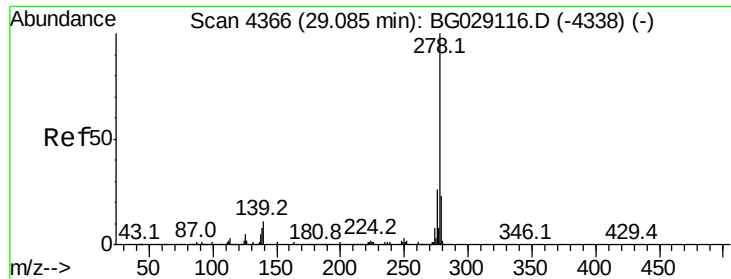
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.589 ng/ul
RT: 29.04 min Scan# 4358
Delta R.T. 0.03 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion:	276	Resp:	121448
Ion Ratio	Lower	Upper	
276	100		
138	12.7	14.4	21.6#
277	22.2	18.0	27.0





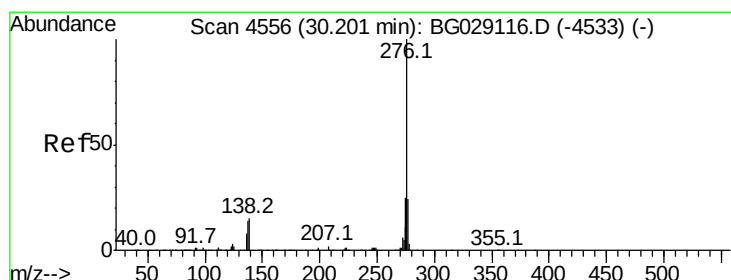
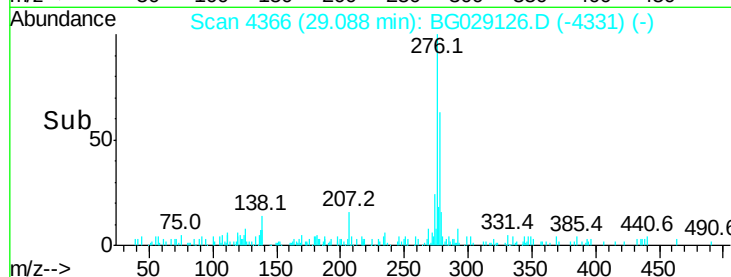
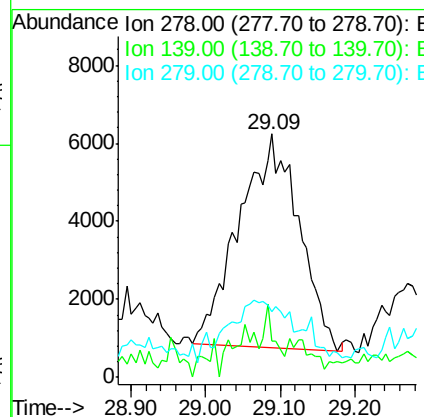
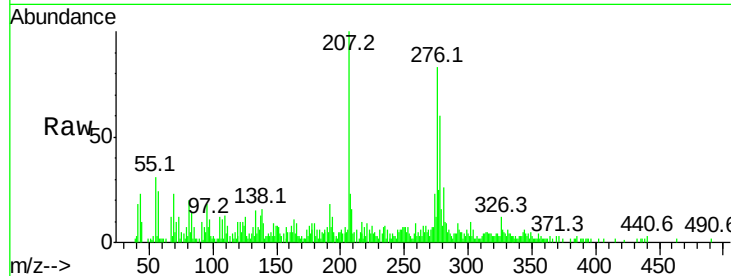
#28
Dibenzo(a,h)anthracene
Concen: 1.394 ng/ul
RT: 29.09 min Scan# 4366
Delta R.T. 0.00 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Instrument :
BNA_G
ClientSampleId :
DAHA1

Tot Ion:	278	Resp:	30537
Ion Ratio	Lower	Upper	
278	100		
139	14.9	12.2	18.4
279	27.2	19.2	28.8

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#29
Benzo(g,h,i)perylene
Concen: 4.694 ng/ul
RT: 30.23 min Scan# 4560
Delta R.T. 0.03 min
Lab File: BG029126.D
Acq: 10 Oct 2017 3:18

Tgt Ion:	276	Resp:	102437
Ion Ratio	Lower	Upper	
276	100		
138	11.7	15.3	22.9#
277	22.9	19.0	28.4

