

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
 Data File : BG029138.D
 Acq On : 10 Oct 2017 13:05
 Operator : SJ/JU
 Sample : I5577-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAH81

Manual Integrations
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Sohil
 10/11/2017 3:34:17 PM

Quant Time: Oct 11 04:44:34 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	8.21	152	46922	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	204977	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	137565	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.57	188	318767	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	337503	20.00	ng/ul	0.00
22) Perylene-d12	25.20	264	351015	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	365177	25.52	ng/ul	0.00
10) Fluorene-d10	15.82	176	293745	28.31	ng/ul	0.00
14) Anthracene-d10	17.66	188	433677	28.09	ng/ul	0.00
18) Pyrene-d10	19.93	212	496209	28.74	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.97	264	454537	27.03	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.08	128	17655	1.654	ng/ul	97
4) 2-Methylnaphthalene	12.67	142	11875	1.466	ng/ul	95
13) Phenanthrene	17.61	178	214065	12.590	ng/ul	98
15) Anthracene	17.70	178	37327m	2.146	ng/ul	
16) Fluoranthene	19.61	202	373712	18.750	ng/ul#	89
19) Pyrene	19.96	202	291098	13.837	ng/ul#	91
20) Benzo(a)anthracene	21.83	228	172912	8.699	ng/ul	98
21) Chrysene	21.89	228	176306	9.687	ng/ul	94
23) Benzo(b)fluoranthene	24.13	252	245812m	11.706	ng/ul	
24) Benzo(k)fluoranthene	24.19	252	82144m	4.008	ng/ul	
26) Benzo(a)pyrene	25.04	252	147297	7.222	ng/ul#	96
27) Indeno(1,2,3-cd)pyrene	29.03	276	102120	4.412	ng/ul#	91
28) Dibenzo(a,h)anthracene	29.06	278	26157	1.365	ng/ul#	81
29) Benzo(a,h,i)perylene	30.23	276	79136m	4.146	ng/ul	

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

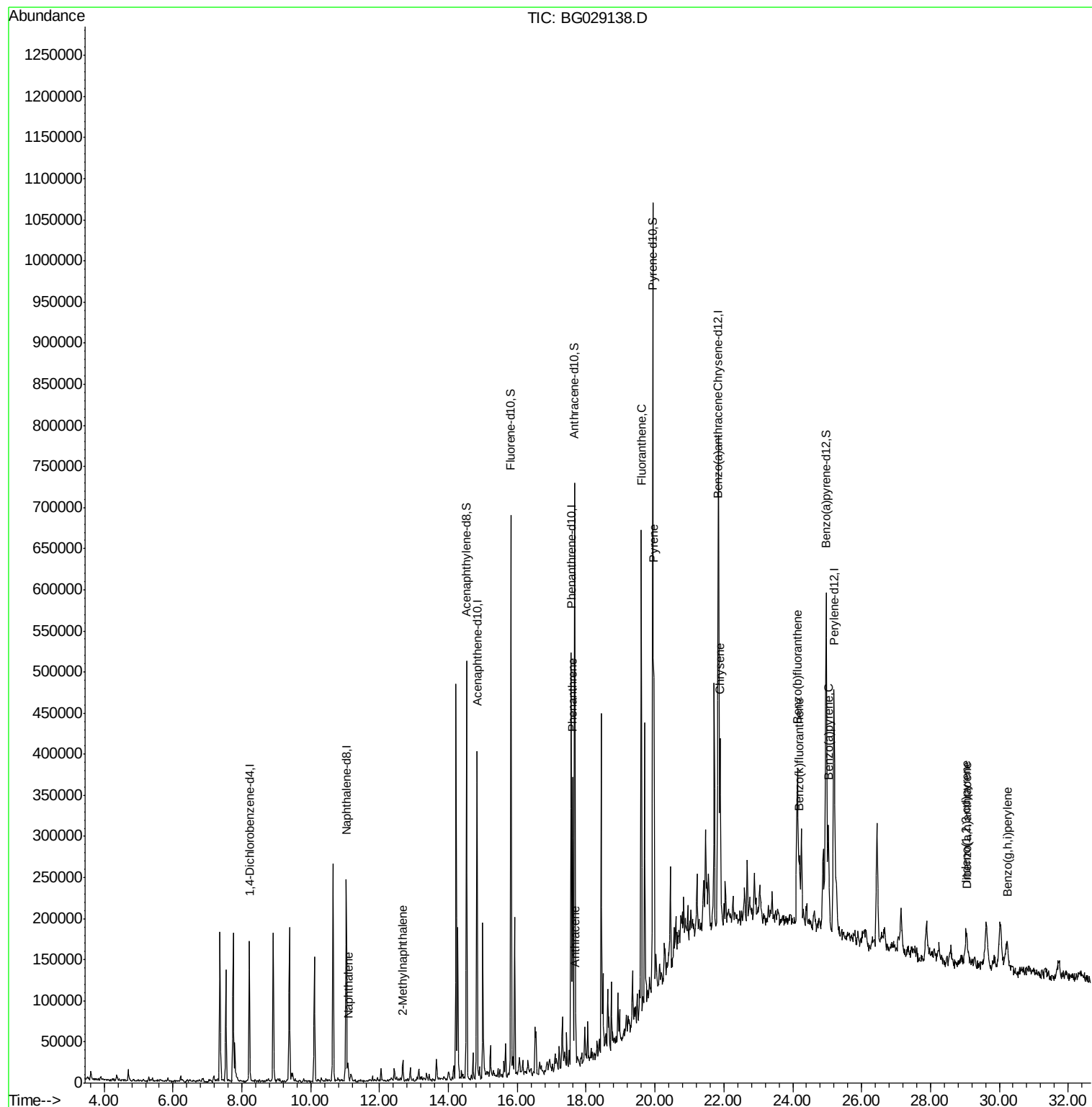
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101017\
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ALS Vial : 6 Sample Multiplier: 1

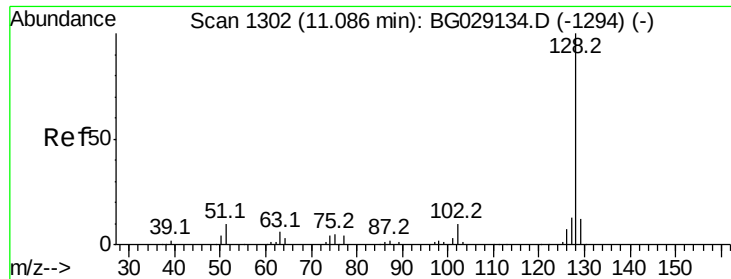
Instrument :
BNA_G
ClientSampleId :
DAH81

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Quant Time: Oct 11 04:44:34 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





#3

Naphthalene

Concen: 1.654 ng/ul

RT: 11.08 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

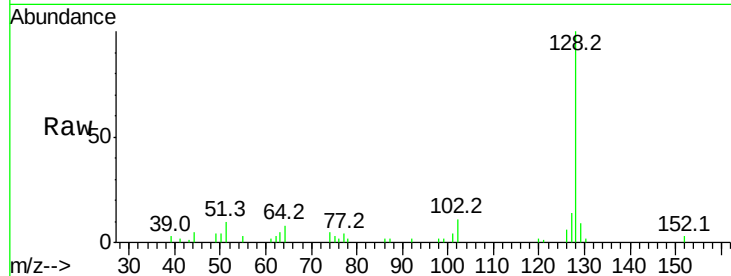
ClientSampleId :

DAH81

Tot Ion:	128	Resp:	17655
Ion Ratio	Lower	Upper	
128	100		
129	9.3	8.7	13.1
127	14.4	10.6	16.0

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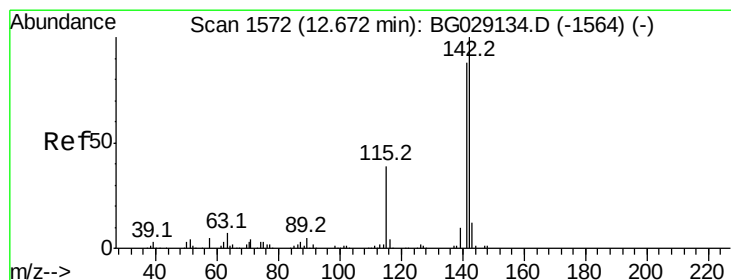
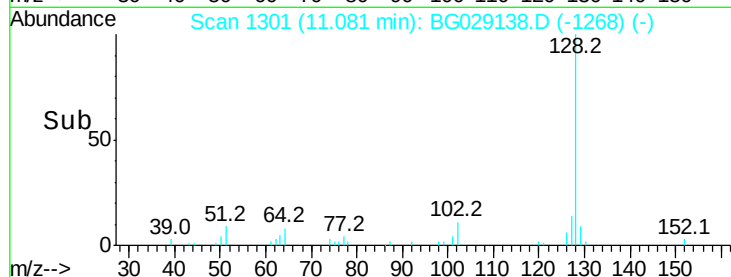
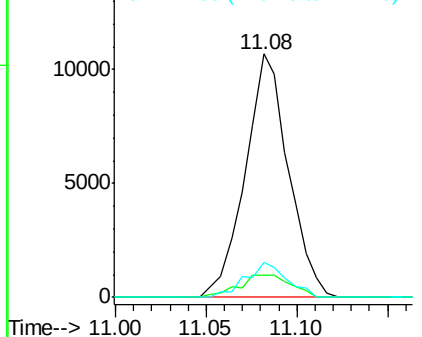
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#4

2-Methylnaphthalene

Concen: 1.466 ng/ul

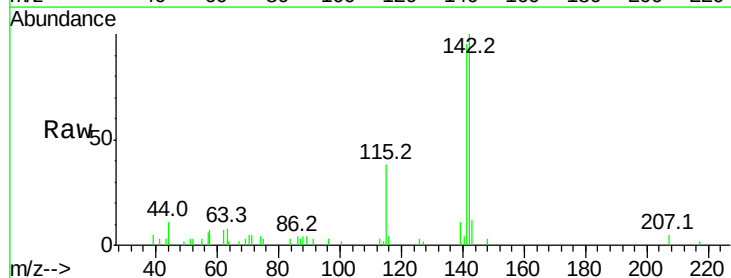
RT: 12.67 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BG029138.D

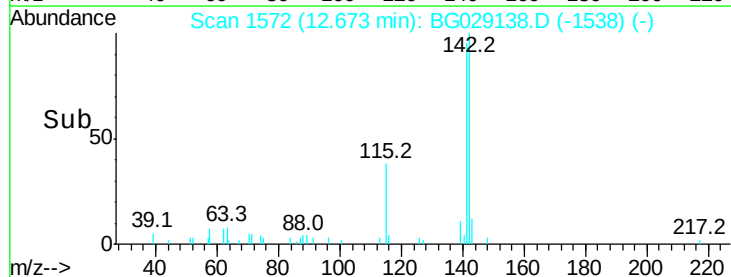
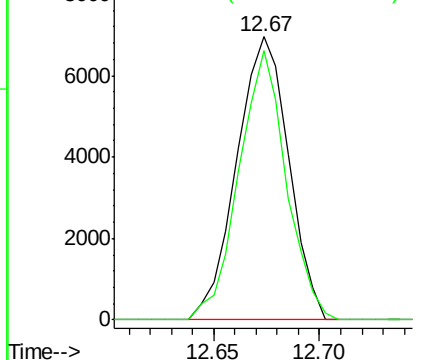
Acq: 10 Oct 2017 13:05

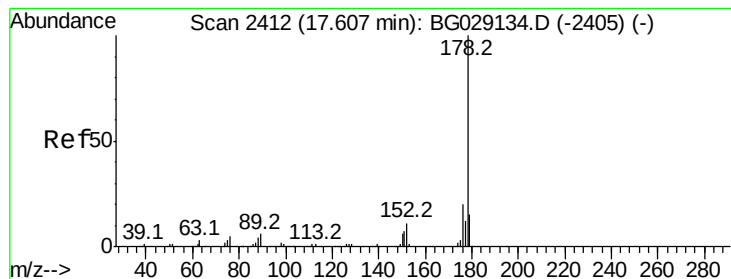
Tgt Ion:	142	Resp:	11875
Ion Ratio	Lower	Upper	
142	100		
141	95.3	72.7	109.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#13

Phenanthrene

Concen: 12.590 ng/ul

RT: 17.61 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

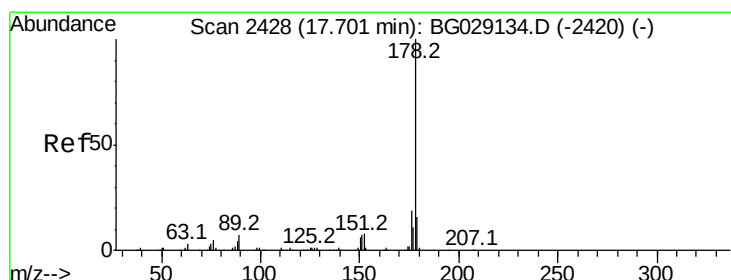
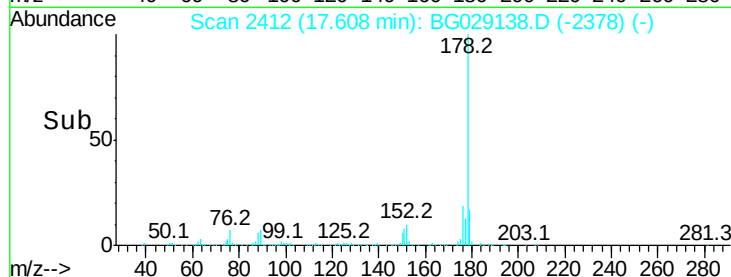
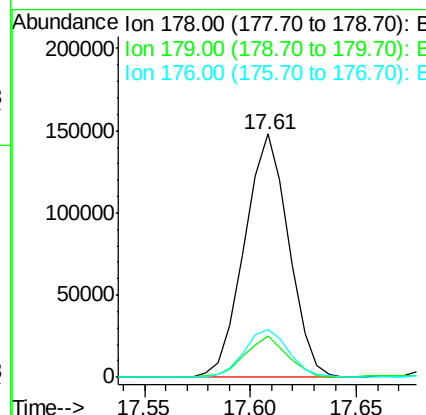
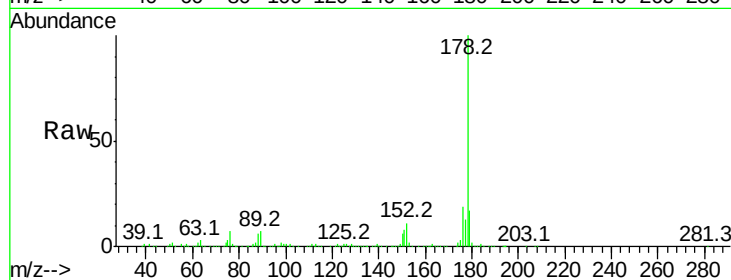
ClientSampleId :

DAH81

Tot Ion:	178	Resp:	214065
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.3	18.5
176	19.4	15.1	22.7

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#15

Anthracene

Concen: 2.146 ng/ul m

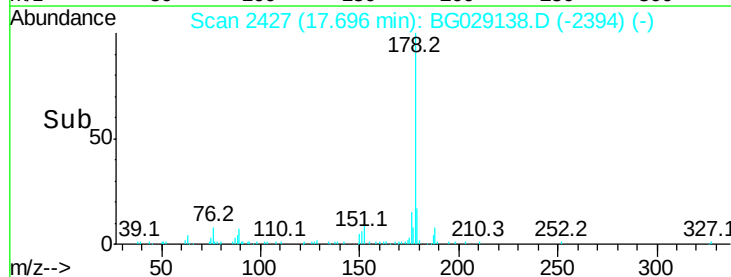
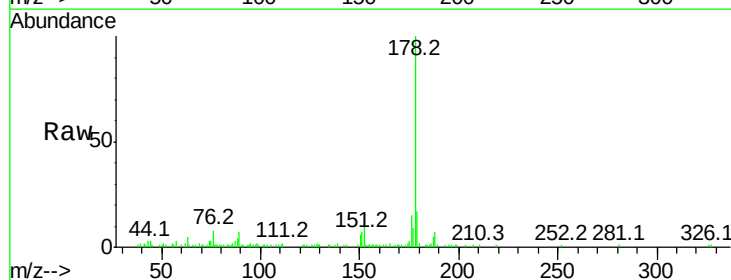
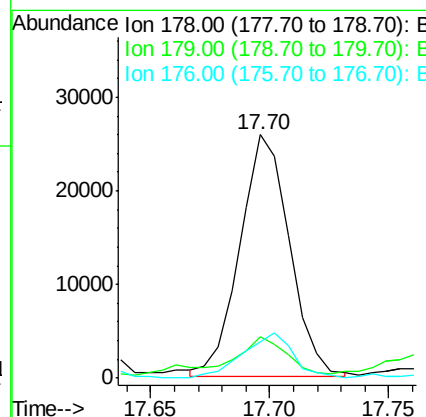
RT: 17.70 min Scan# 2427

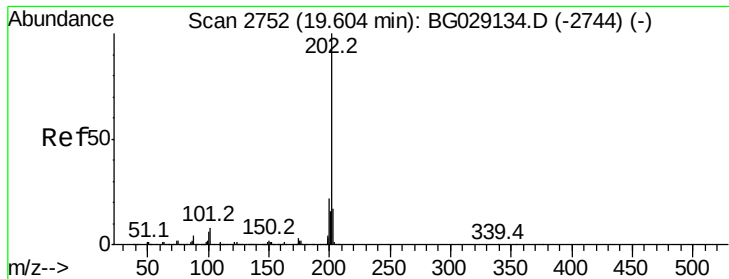
Delta R.T. -0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Tgt Ion:	178	Resp:	37327
Ion Ratio	Lower	Upper	
178	100		
179	16.8	11.8	17.8
176	14.9	15.2	22.8#





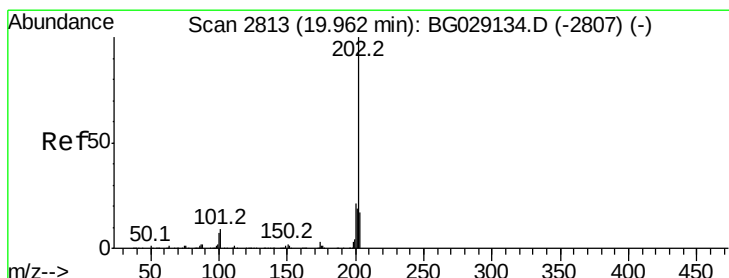
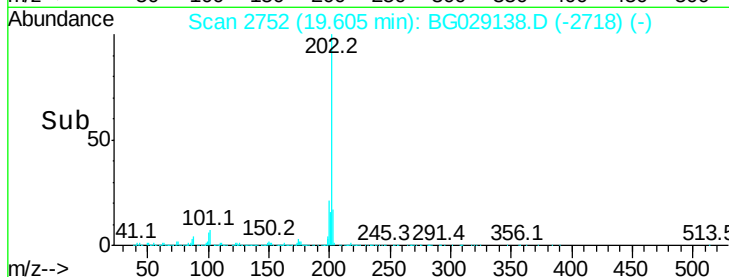
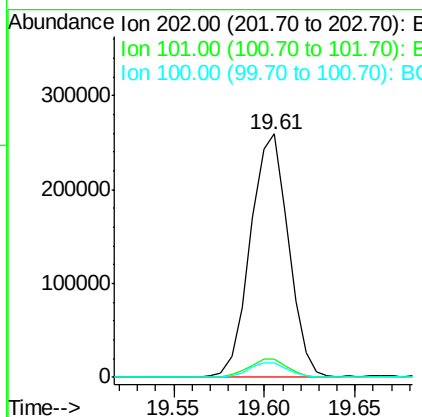
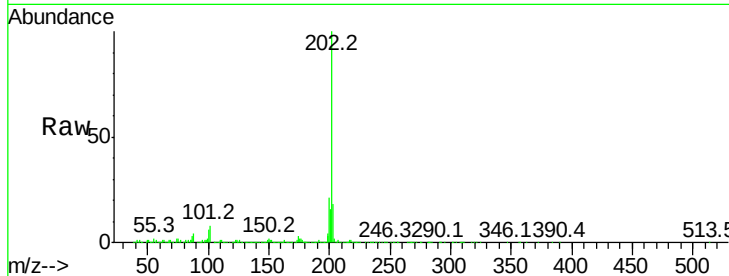
#16
 Fluoranthene
 Concen: 18.750 ng/ul
 RT: 19.61 min Scan# 2752
 Delta R.T. 0.00 min
 Lab File: BG029138.D
 Acq: 10 Oct 2017 13:05

Instrument :
 BNA_G
 ClientSampleId :
 DAH81

Tot Ion:	202	Resp:	373712
Ion Ratio	Lower	Upper	
202	100		
101	7.5	9.9	14.9#
100	5.9	7.4	11.0#

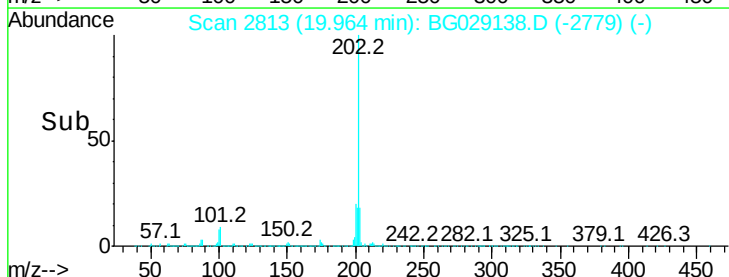
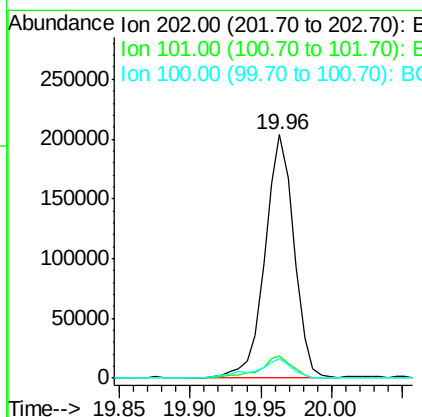
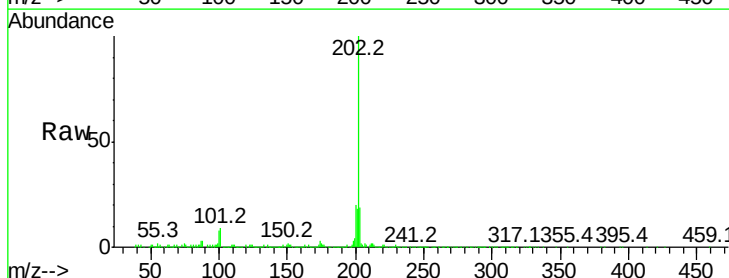
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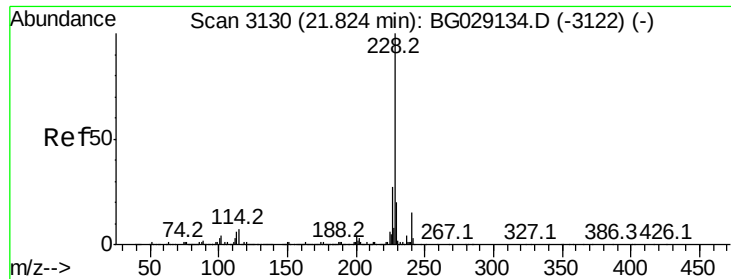
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#19
 Pyrene
 Concen: 13.837 ng/ul
 RT: 19.96 min Scan# 2813
 Delta R.T. 0.00 min
 Lab File: BG029138.D
 Acq: 10 Oct 2017 13:05

Tgt Ion:	202	Resp:	291098
Ion Ratio	Lower	Upper	
202	100		
101	9.0	11.0	16.4#
100	7.9	8.1	12.1#





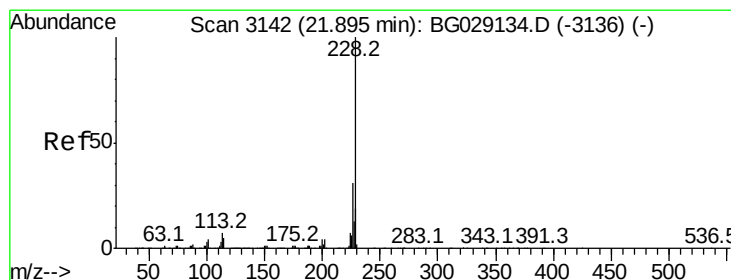
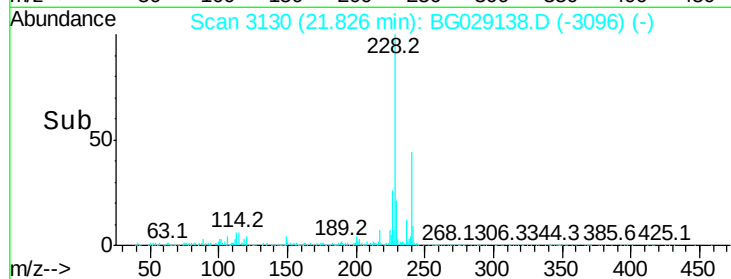
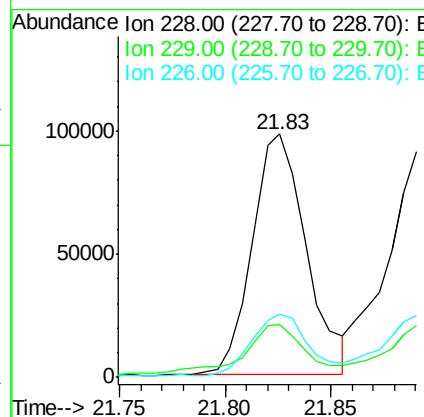
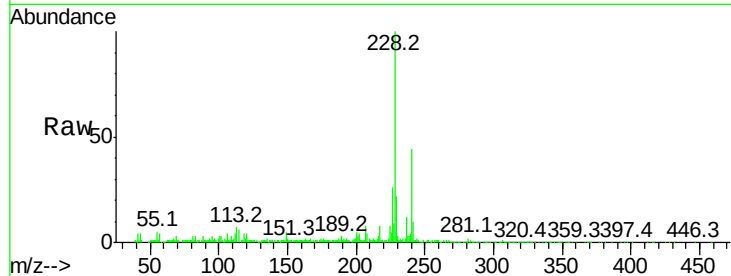
#20
Benzo(a)anthracene
Concen: 8.699 ng/ul
RT: 21.83 min Scan# 3130
Delta R.T. 0.00 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Instrument :
BNA_G
ClientSampled :
DAH81

Tot Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	26.0	21.1	31.7

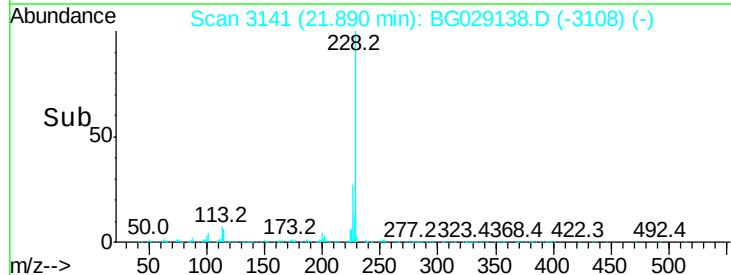
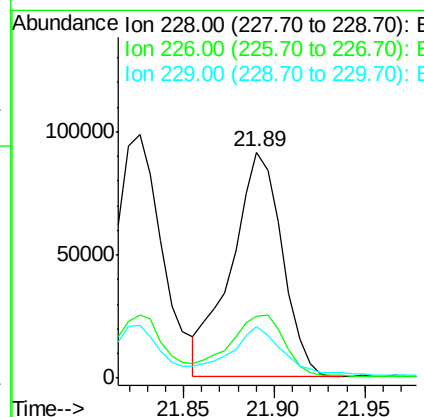
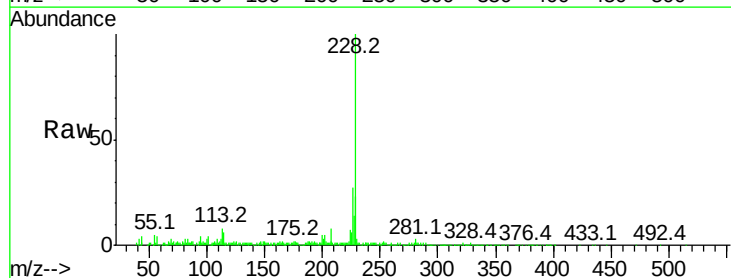
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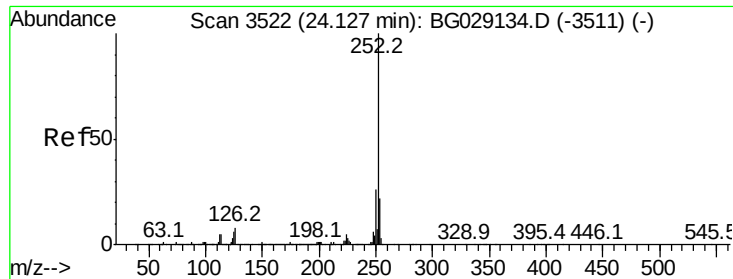
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#21
Chrysene
Concen: 9.687 ng/ul
RT: 21.89 min Scan# 3141
Delta R.T. -0.00 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	24.5	36.7
229	22.8	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 11.706 ng/ul m

RT: 24.13 min Scan# 3523

Delta R.T. 0.01 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Instrument :

BNA_G

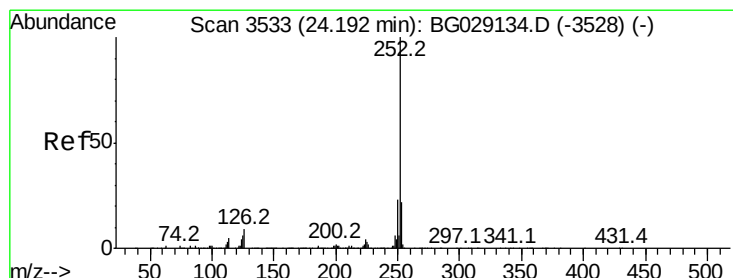
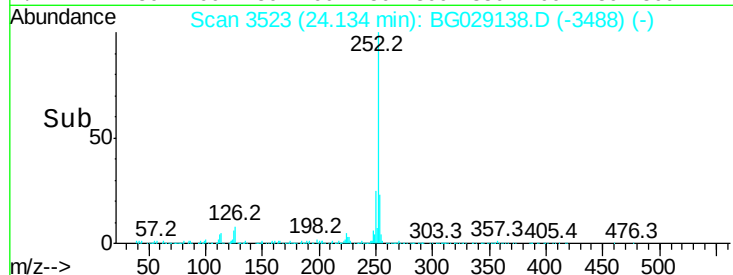
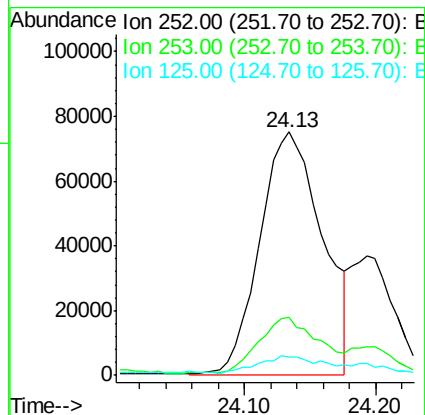
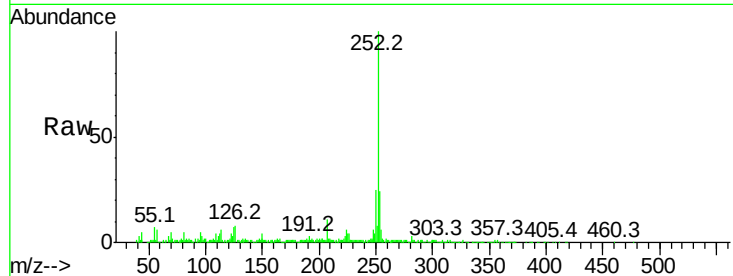
ClientSampled :

DAH81

Tot Ion:	252	Resp:	245812
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.0	27.0
125	7.5	8.0	12.0

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#24

Benzo(k)fluoranthene

Concen: 4.008 ng/ul m

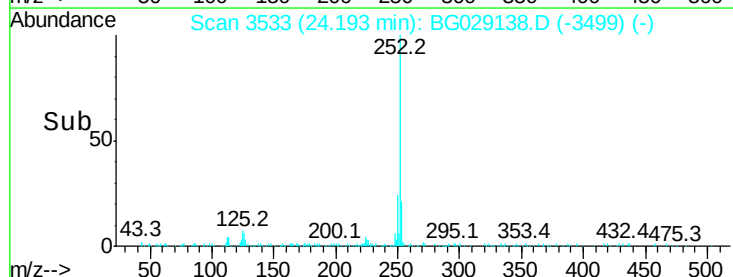
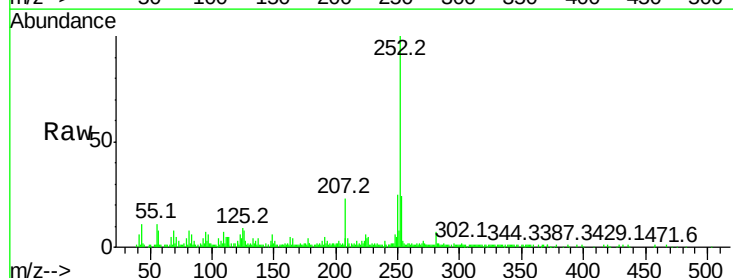
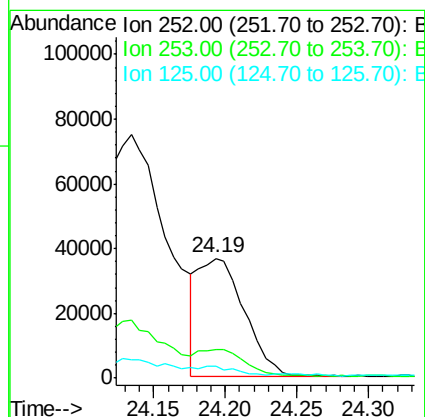
RT: 24.19 min Scan# 3533

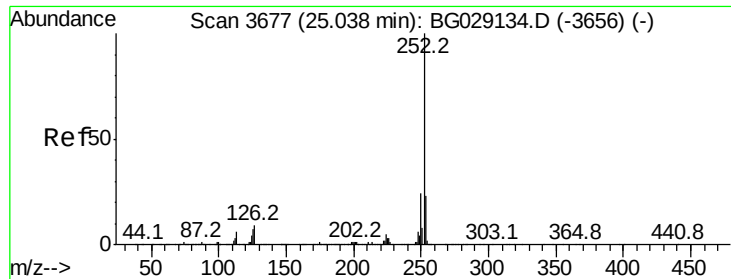
Delta R.T. 0.00 min

Lab File: BG029138.D

Acq: 10 Oct 2017 13:05

Tgt Ion:	252	Resp:	82144
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.0	27.0
125	9.4	8.1	12.1





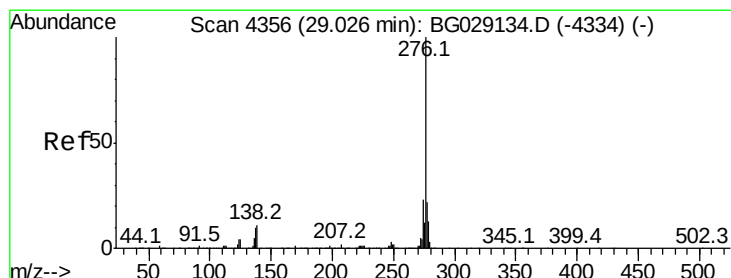
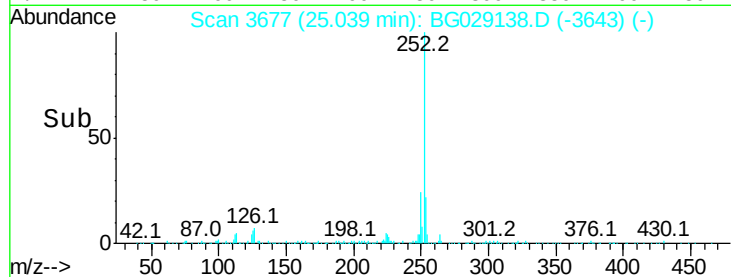
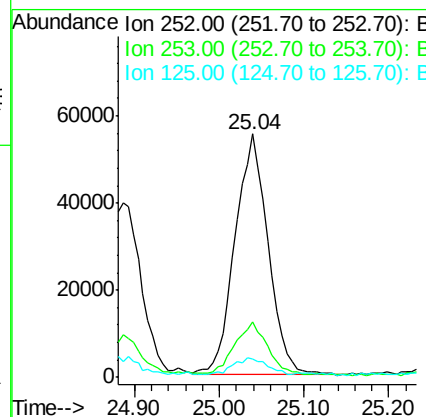
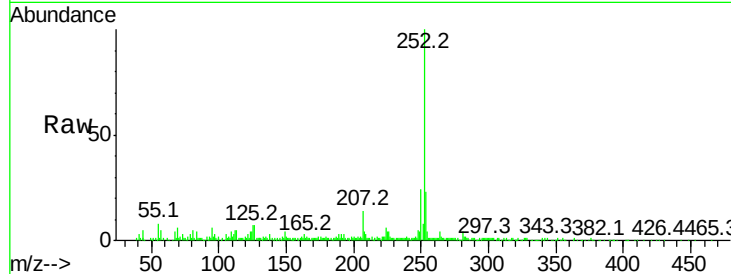
#26
Benzo(a)pyrene
Concen: 7.222 ng/ul
RT: 25.04 min Scan# 3677
Delta R.T. 0.00 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Instrument :
BNA_G
ClientSampleId :
DAH81

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	7.3	8.2	12.4

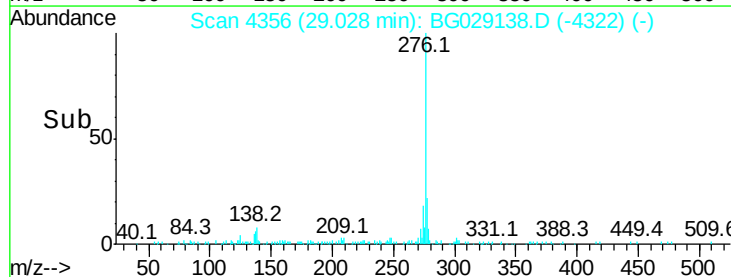
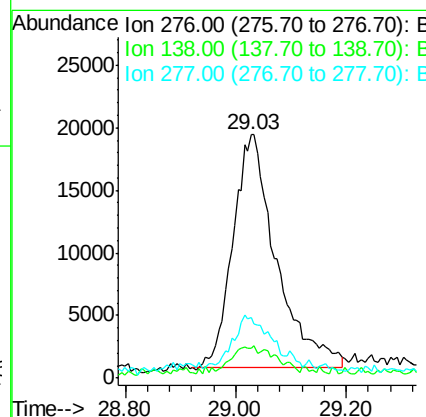
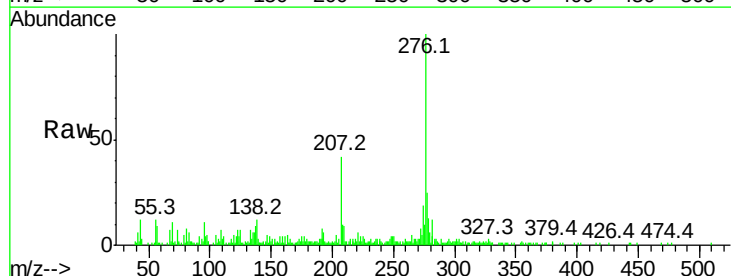
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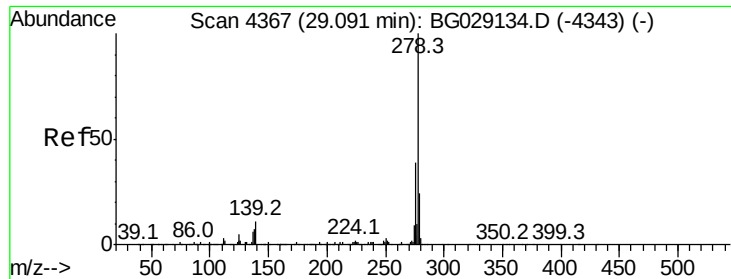
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#27
Indeno(1,2,3-cd)pyrene
Concen: 4.412 ng/ul
RT: 29.03 min Scan# 4356
Delta R.T. 0.00 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.1	14.4	21.6
277	25.0	18.0	27.0





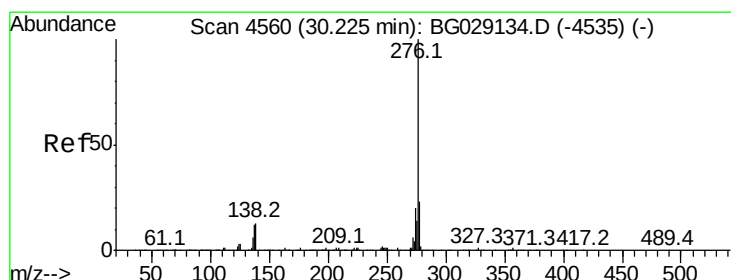
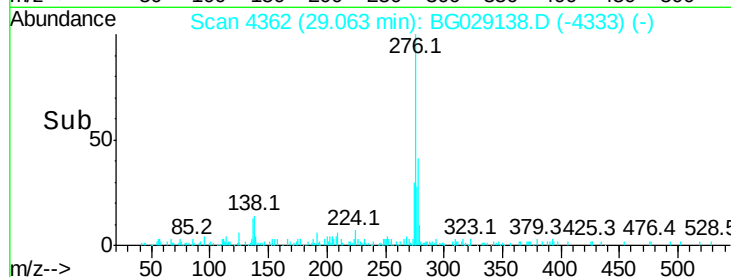
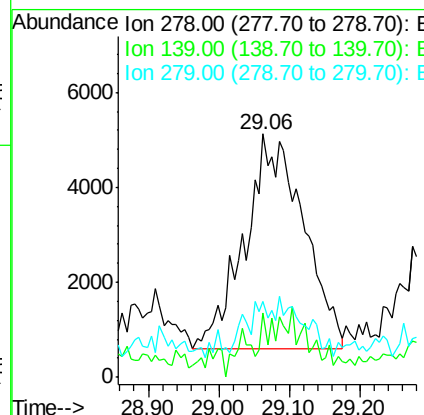
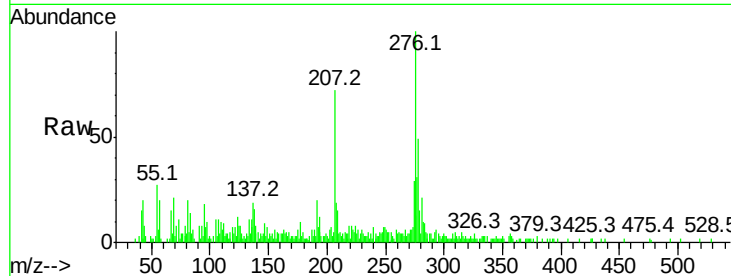
#28
Dibenzo(a,h)anthracene
Concen: 1.365 ng/ul
RT: 29.06 min Scan# 4362
Delta R.T. -0.03 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Instrument :
BNA_G
ClientSampled :
DAH81

Tot Ion	Ratio	Lower	Upper
278	100		
139	26.4	12.2	18.4#
279	30.9	19.2	28.8#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 4.146 ng/ul m
RT: 30.23 min Scan# 4561
Delta R.T. 0.01 min
Lab File: BG029138.D
Acq: 10 Oct 2017 13:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.4	15.3	22.9#
277	26.2	19.0	28.4

