

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027164.D
 Acq On : 25 May 2017 14:29
 Operator : SJ/MA
 Sample : I3276-19DL 5X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC93DL

Manual Integrations
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Quant Time: May 25 15:27:06 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 15:21:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	120016	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	710490	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.63	164	283141	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	655253	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	576405	20.00	ng/ul	0.01
22) Perylene-d12	24.81	264	462079	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	152601	5.25	ng/ul	0.00
10) Fluorene-d10	15.62	176	119003	6.14	ng/ul	0.00
14) Anthracene-d10	17.46	188	167326m	5.24	ng/ul	0.00
18) Pyrene-d10	19.75	212	159422	5.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	106492	4.64	ng/ul	0.02
Target Compounds						
3) Naphthalene	10.87	128	43553	1.18	ng/ul	Qvalue 97
9) Acenaphthene	14.69	153	27623	1.38	ng/ul	96
11) Fluorene	15.67	166	35434	1.66	ng/ul	91
13) Phenanthrene	17.41	178	574691	15.69	ng/ul	99
15) Anthracene	17.50	178	124689	3.31	ng/ul	96
16) Fluoranthene	19.42	202	942489	25.17	ng/ul#	93
19) Pyrene	19.78	202	778954	20.68	ng/ul#	87
20) Benzo(a)anthracene	21.60	228	361497	10.41	ng/ul	97
21) Chrysene	21.66	228	341725	10.72	ng/ul	96
23) Benzo(b)fluoranthene	23.80	252	408837	14.89	ng/ul#	93
24) Benzo(k)fluoranthene	23.85	252	203838m	7.22	ng/ul	
26) Benzo(a)pyrene	24.65	252	246487	9.17	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.45	276	68707	2.78	ng/ul#	78
29) Benzo(g,h,i)perylene	29.59	276	83815m	4.26	ng/ul	

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

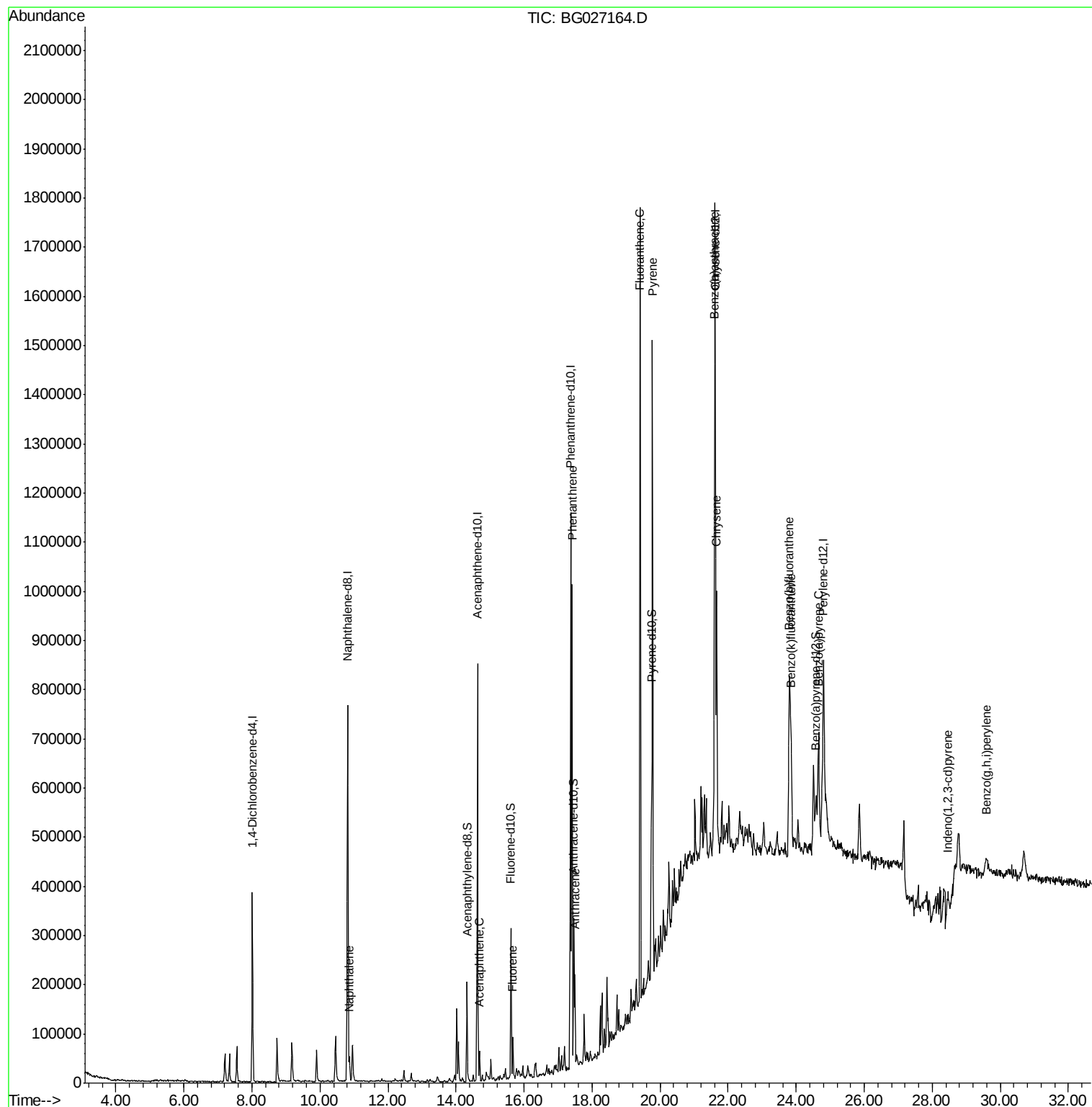
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027164.D
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ALS Vial : 33 Sample Multiplier: 1

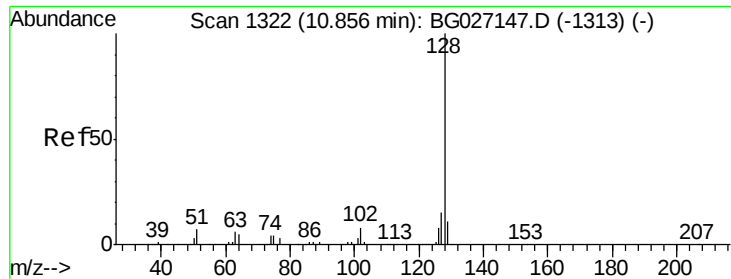
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 15:21:22 2017
Response via : Initial Calibration





#3

Naphthalene

Concen: 1.18 ng/ul

RT: 10.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BG027164.D

Acq: 25 May 2017 14:29

Instrument :

BNA_G

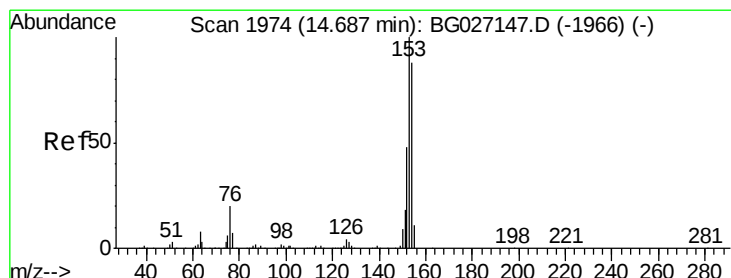
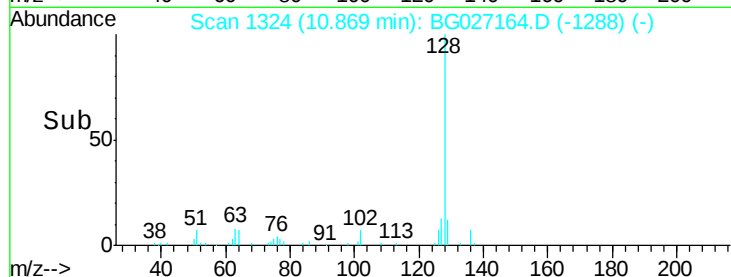
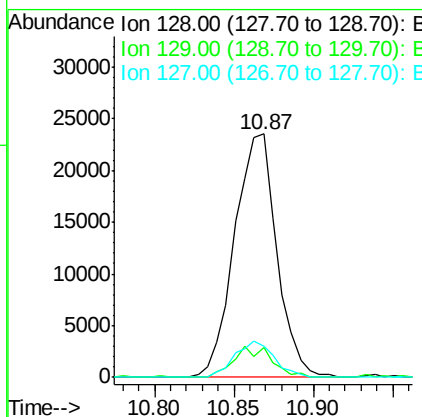
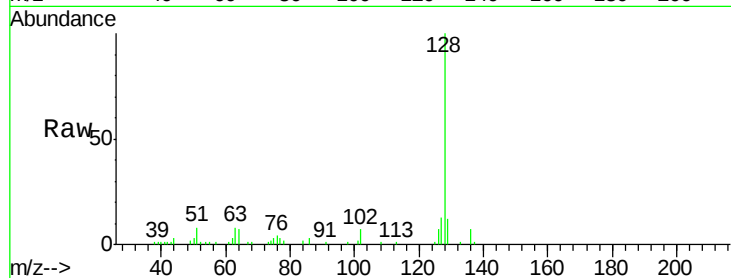
ClientSampleId :

DAC93DL

Tgt Ion:	128	Resp:	43553
Ion Ratio		Lower	Upper
128	100		
129	12.3	8.7	13.1
127	12.6	10.6	16.0

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#9

Acenaphthene

Concen: 1.38 ng/ul

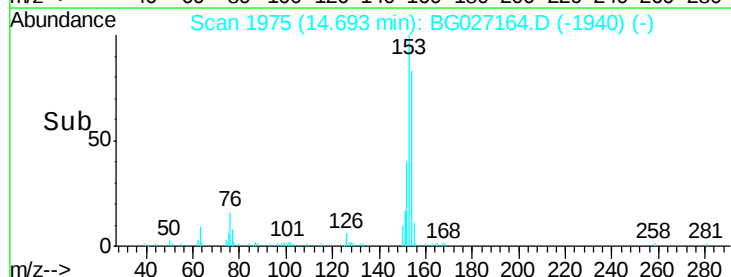
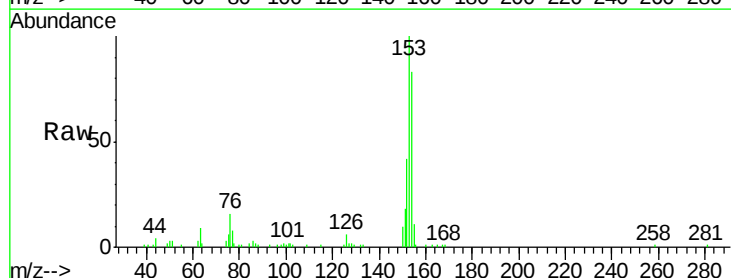
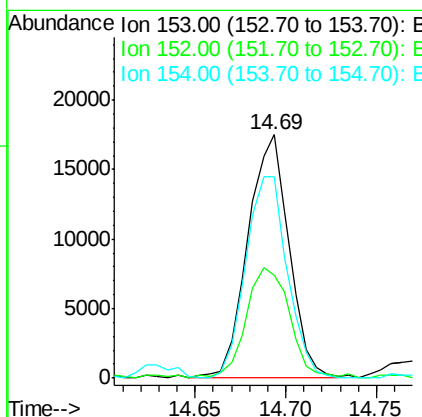
RT: 14.69 min Scan# 1975

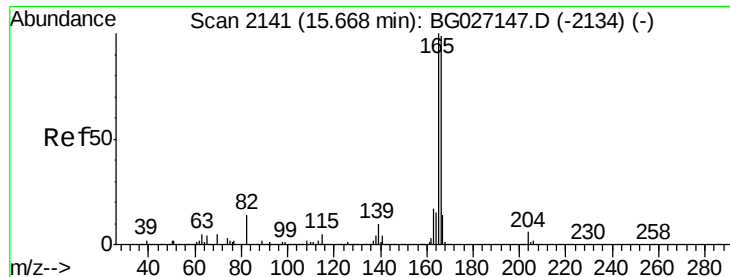
Delta R.T. 0.01 min

Lab File: BG027164.D

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Tgt Ion:	153	Resp:	27623
Ion Ratio		Lower	Upper
153	100		
152	42.0	39.0	58.6
154	82.8	66.8	100.2





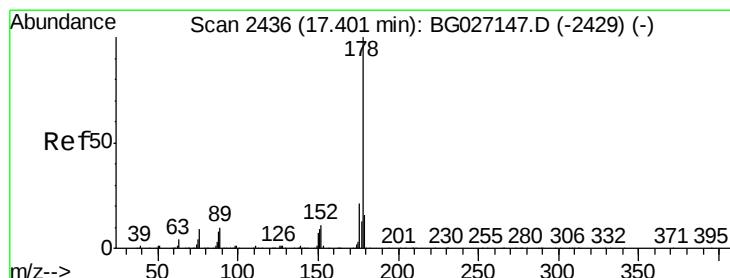
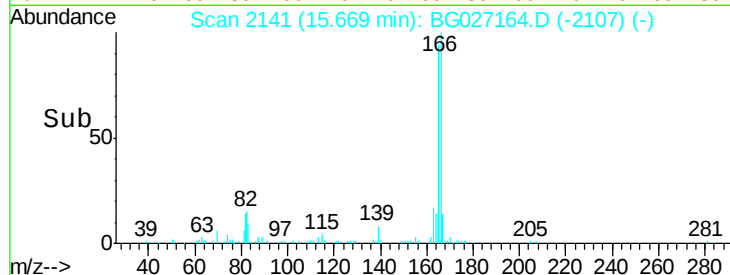
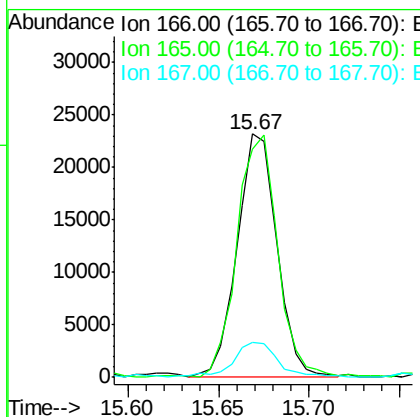
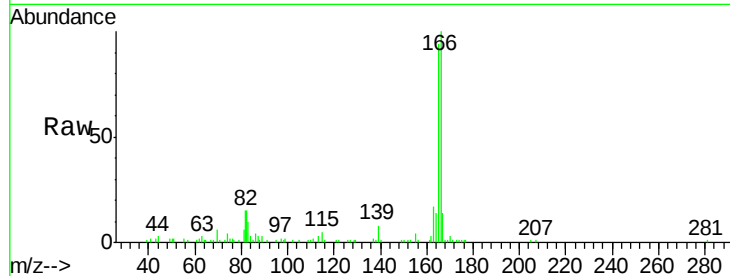
#11
 Fluorene
 Concen: 1.66 ng/ul
 RT: 15.67 min Scan# 2141
 Delta R.T. 0.00 min
 Lab File: BG027164.D
 Acq: 25 May 2017 14:29

Instrument :
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 ClientSampleId :
 DAC93DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	35434		
165	93.9	83.8	125.8	
167	14.4	11.5	17.3	

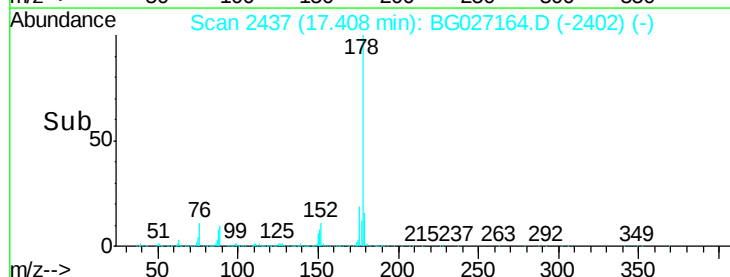
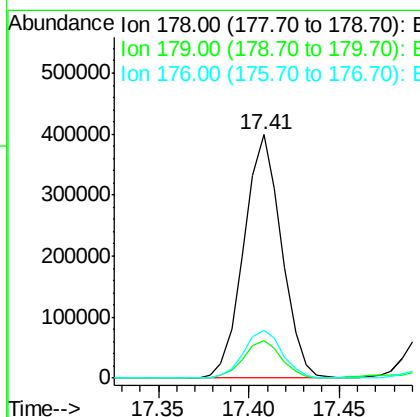
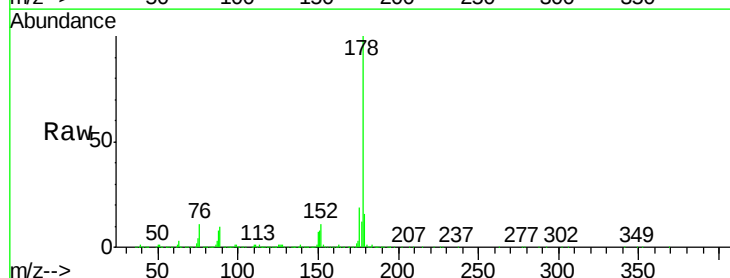
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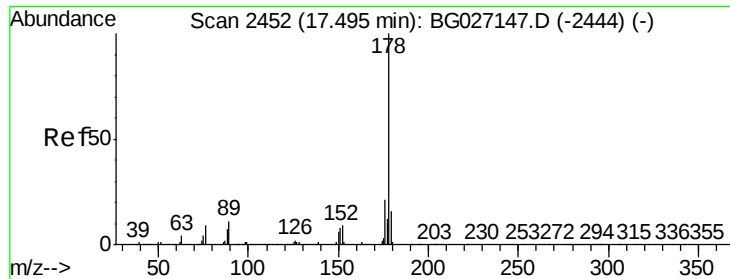
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#13
 Phenanthrene
 Concen: 15.69 ng/ul
 RT: 17.41 min Scan# 2437
 Delta R.T. 0.01 min
 Lab File: BG027164.D
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	574691		
179	15.6	12.3	18.5	
176	19.5	15.1	22.7	





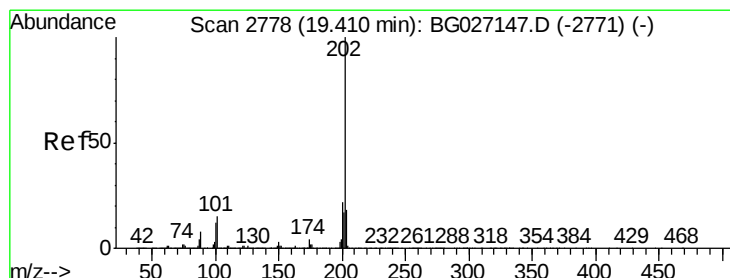
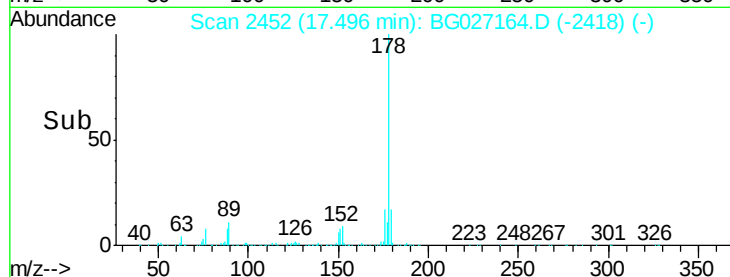
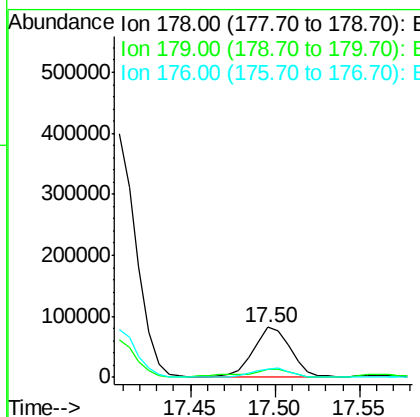
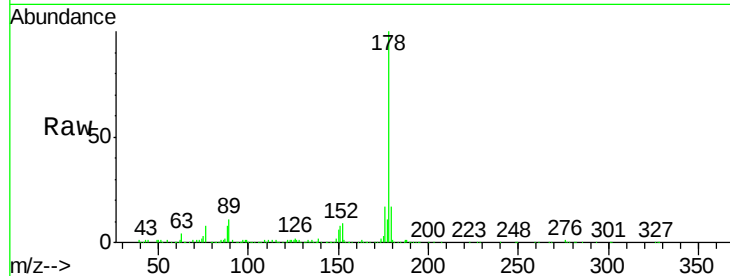
#15
 Anthracene
 Concen: 3.31 ng/ul
 RT: 17.50 min Scan# 2452
 Delta R.T. 0.00 min
 Lab File: BG027164.D
 Acq: 25 May 2017 14:29

Instrument :
 BNA_G
 ClientSampleId :
 DAC93DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	124689		
179	16.8	11.8	17.8	
176	17.3	15.2	22.8	

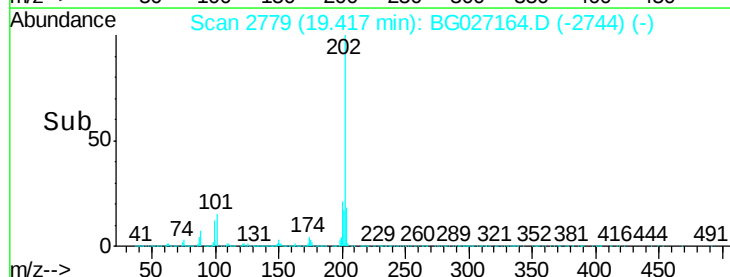
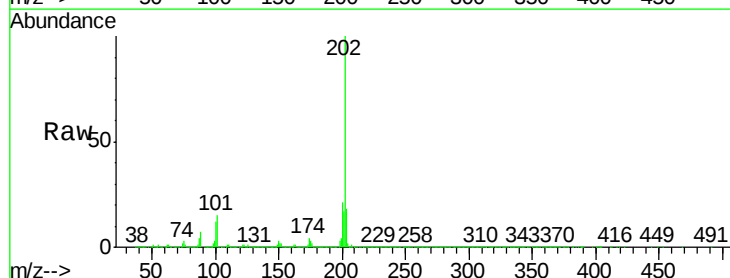
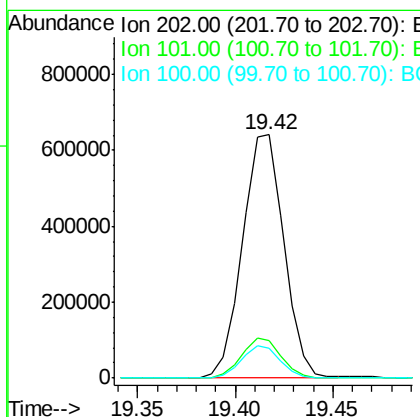
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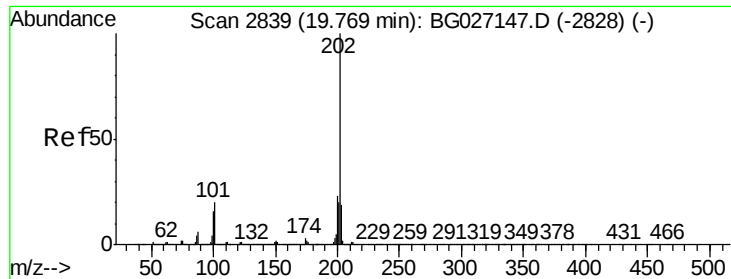
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#16
 Fluoranthene
 Concen: 25.17 ng/ul
 RT: 19.42 min Scan# 2779
 Delta R.T. 0.01 min
 Lab File: BG027164.D
 Acq: 25 May 2017 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	942489		
101	15.2	9.9	14.9#	
100	12.1	7.4	11.0#	





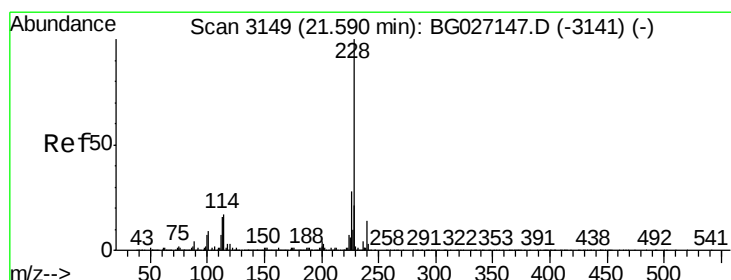
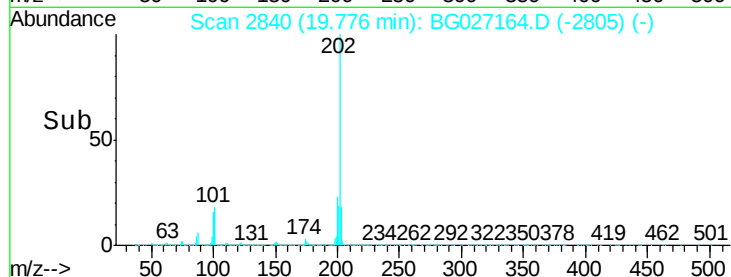
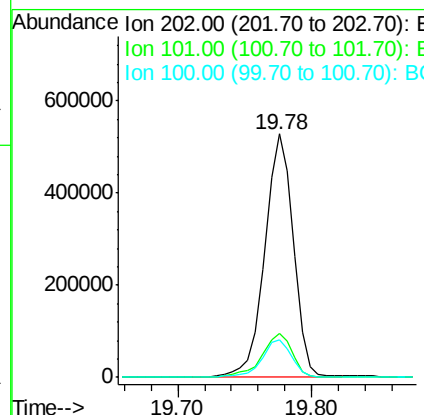
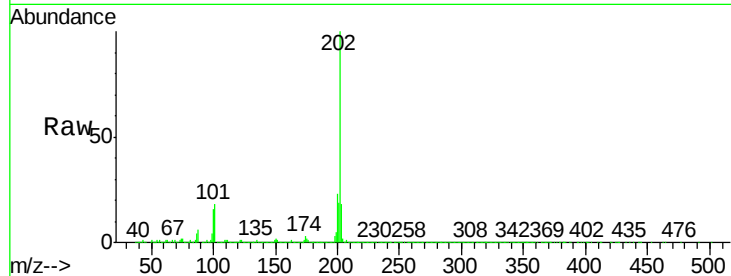
#19
Pyrene
Concen: 20.68 ng/ul
RT: 19.78 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG027164.D
Acq: 25 May 2017 14:29

Instrument :
BNA_G
ClientSampleId :
DAC93DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.2	11.0	16.4#
100	15.5	8.1	12.1#

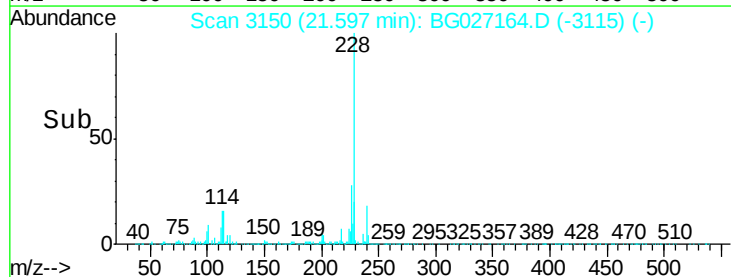
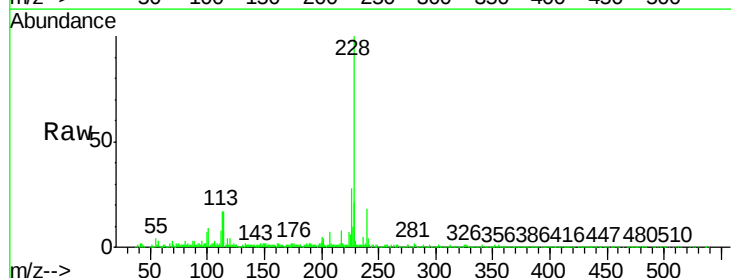
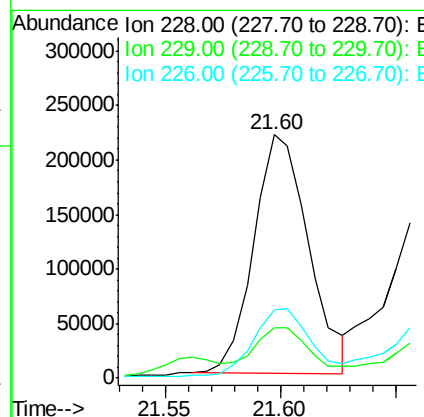
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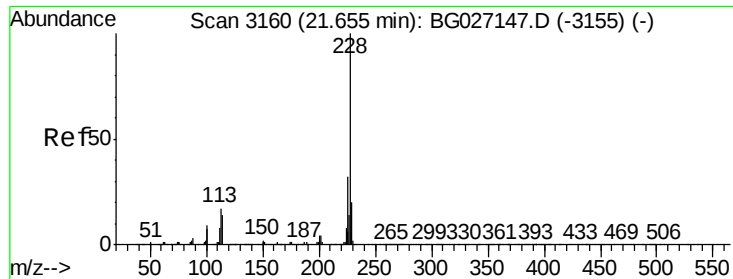
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#20
Benzo(a)anthracene
Concen: 10.41 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG027164.D
Acq: 25 May 2017 14:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.7	15.7	23.5
226	28.1	21.1	31.7





#21

Chrysene

Concen: 10.72 ng/ul

RT: 21.66 min Scan# 3161

Delta R.T. 0.01 min

Lab File: BG027164.D

Acq: 25 May 2017 14:29

Instrument :

BNA_G

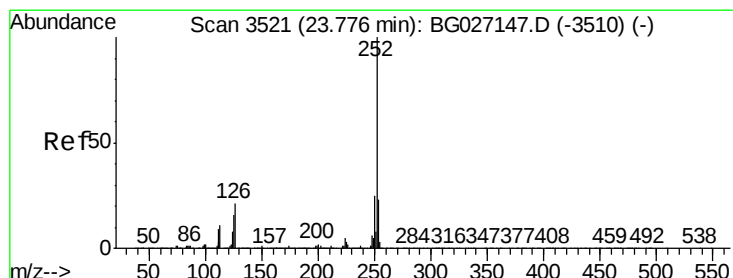
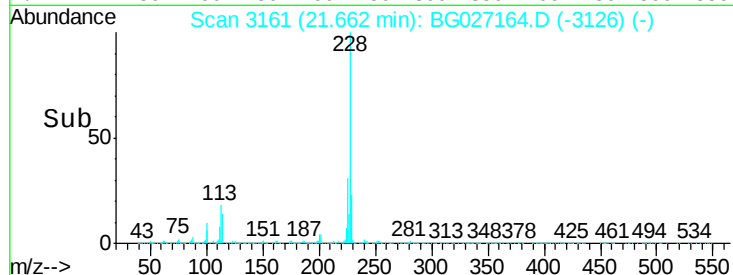
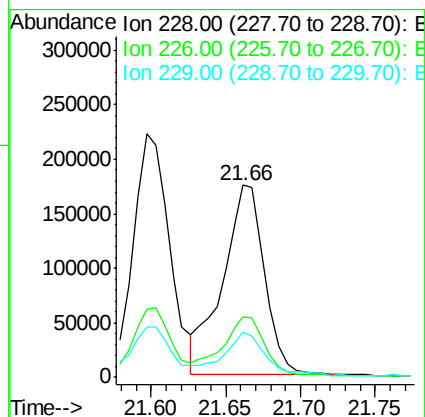
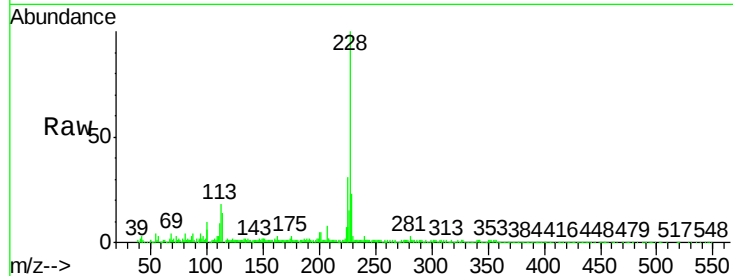
ClientSampleId :

DAC93DL

Tgt Ion:	228	Resp:	341725
Ion Ratio		Lower	Upper
228	100		
226	31.4	24.5	36.7
229	23.2	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 14.89 ng/ul

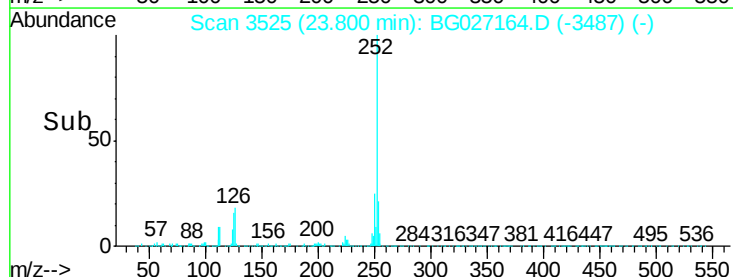
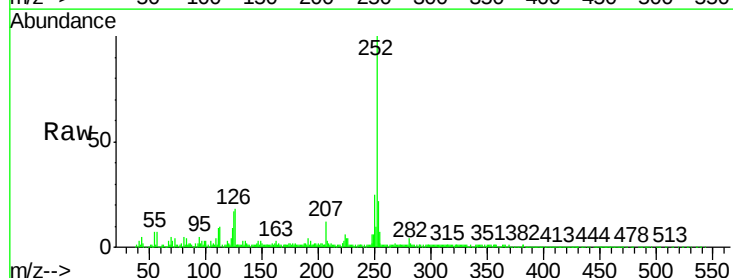
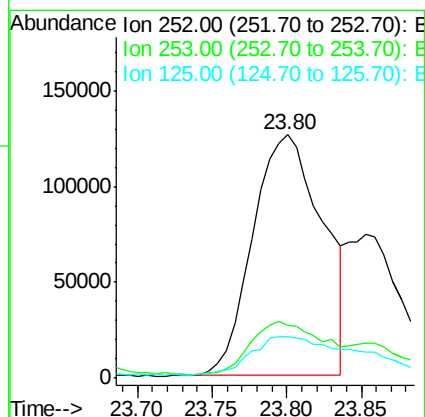
RT: 23.80 min Scan# 3525

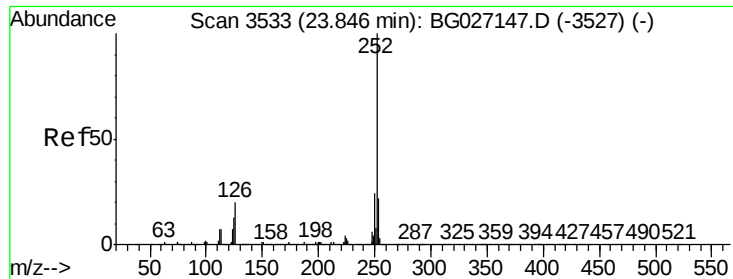
Delta R.T. 0.02 min

Lab File: BG027164.D

Acq: 25 May 2017 14:29

Tgt Ion:	252	Resp:	408837
Ion Ratio		Lower	Upper
252	100		
253	21.7	18.0	27.0
125	17.2	8.0	12.0#





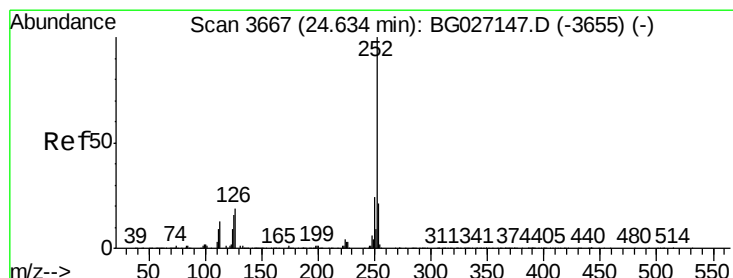
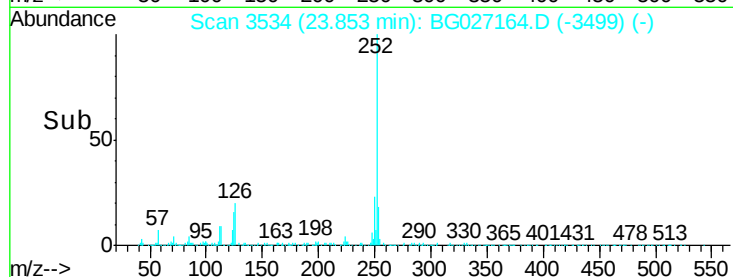
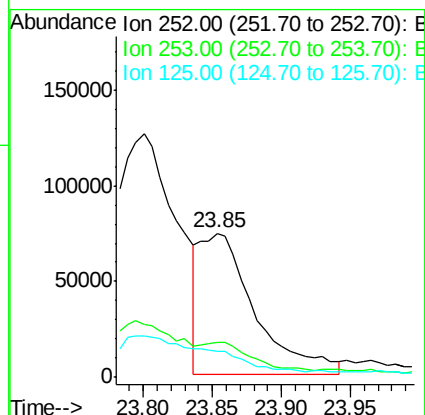
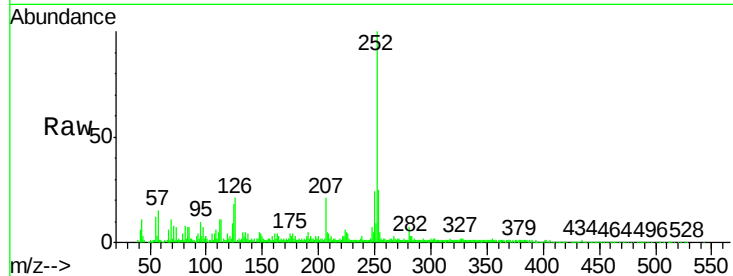
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Benzo(k)fluoranthene
Concen: 7.22 ng/ul m
RT: 23.85 min Scan# 3534
Delta R.T. 0.01 min
Lab File: BG027164.D
Acq: 25 May 2017 14:29

Instrument :
BNA_G
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DAC93DL

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.6	18.0	27.0
125	18.2	8.1	12.1#

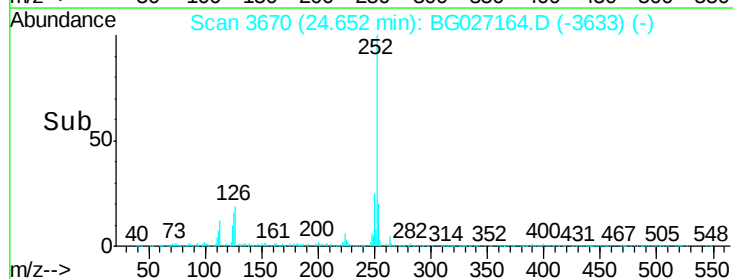
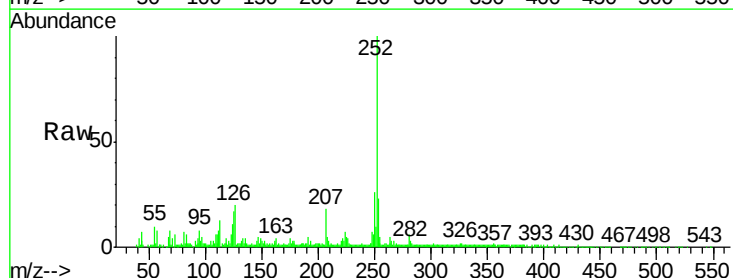
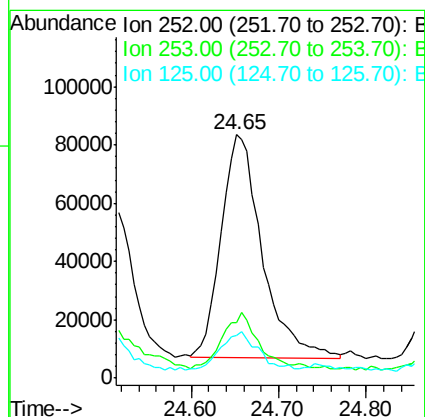
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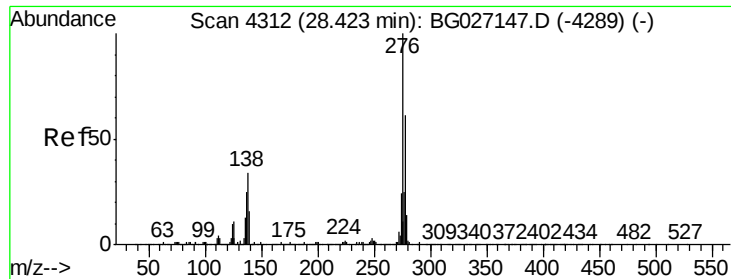
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#26
Benzo(a)pyrene
Concen: 9.17 ng/ul
RT: 24.65 min Scan# 3670
Delta R.T. 0.02 min
Lab File: BG027164.D
Acq: 25 May 2017 14:29

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.6	17.2	25.8
125	17.4	8.2	12.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.78 ng/ul

RT: 28.45 min Scan# 4316

Delta R.T. 0.02 min

Lab File: BG027164.D

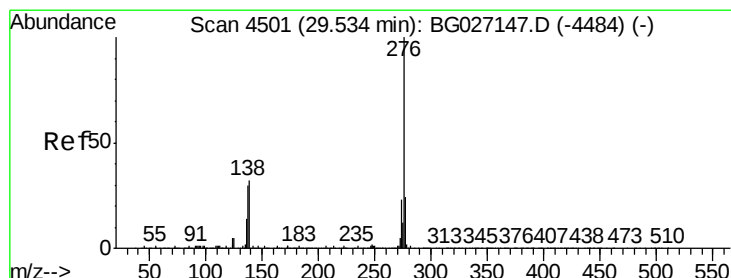
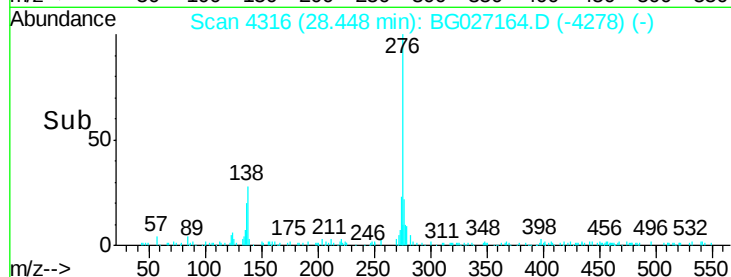
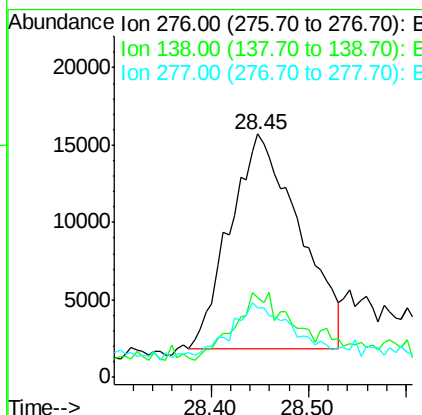
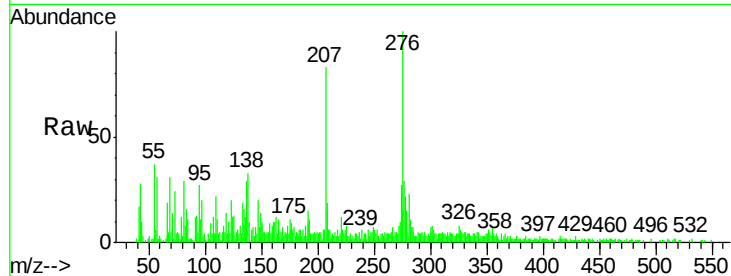
Acq: 25 May 2017 14:29

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BNA_G
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.7	14.4	21.6#
277	28.8	18.0	27.0#

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#29

Benzo(g,h,i)perylene

Concen: 4.26 ng/ul m

RT: 29.59 min Scan# 4511

Delta R.T. 0.06 min

Lab File: BG027164.D

Acq: 25 May 2017 14:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	31.6	15.3	22.9#
277	23.2	19.0	28.4

