

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027152.D
 Acq On : 25 May 2017 6:38
 Operator : SJ/MA
 Sample : I3277-17
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA3

Manual Integrations
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mohammad
 5/26/2017 11:55:48 AM

Quant Time: Jun 01 12:55:53 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 06:05:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	194294	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	925387	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	462501	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.36	188	835744	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	745875	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	631621	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	1144227	24.12	ng/ul	0.00
10) Fluorene-d10	15.61	176	719508	22.73	ng/ul	0.00
14) Anthracene-d10	17.46	188	972806m	23.87	ng/ul	0.00
18) Pyrene-d10	19.74	212	915586	23.51	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.57	264	769632	24.52	ng/ul	0.00
Target Compounds						
3) Naphthalene	10.86	128	85440	1.78	ng/ul	Qvalue 99
9) Acenaphthene	14.68	153	39840	1.22	ng/ul	96
11) Fluorene	15.66	166	43858	1.26	ng/ul	95
13) Phenanthrene	17.40	178	723311	15.48	ng/ul	98
15) Anthracene	17.49	178	137392	2.86	ng/ul	100
16) Fluoranthene	19.41	202	1111538	23.27	ng/ul#	88
19) Pyrene	19.77	202	938472	19.25	ng/ul#	87
20) Benzo(a)anthracene	21.59	228	483960	10.77	ng/ul	96
21) Chrysene	21.66	228	494322	11.98	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	681831	18.16	ng/ul#	91
24) Benzo(k)fluoranthene	23.84	252	220325m	5.71	ng/ul	
26) Benzo(a)pyrene	24.64	252	376767	10.26	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	28.42	276	203641m	6.03	ng/ul	
28) Dibenzo(a,h)anthracene	28.44	278	44462	1.53	ng/ul#	69
29) Benzo(g,h,i)perylene	29.55	276	138778m	5.17	ng/ul	

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

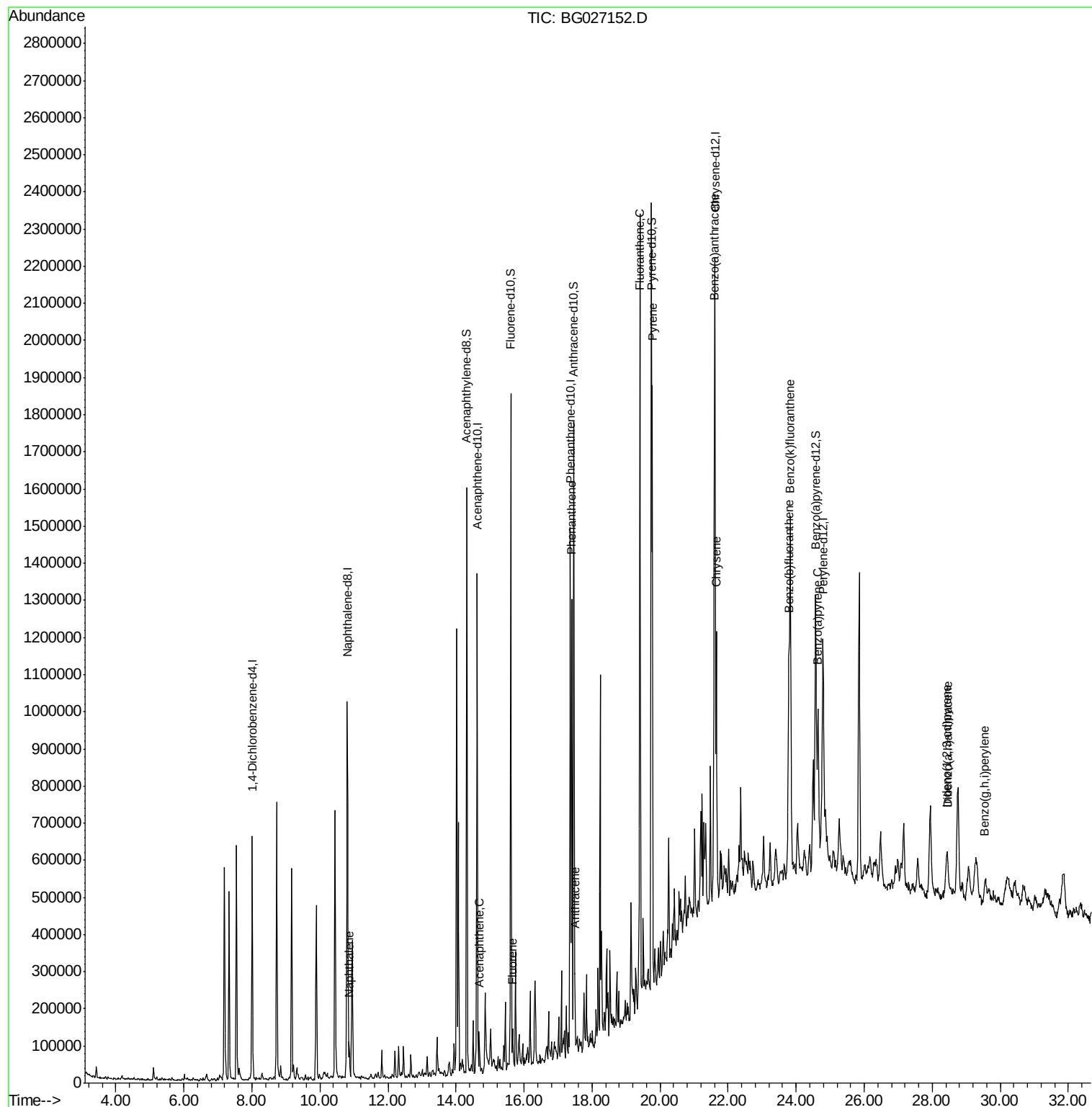
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027152.D
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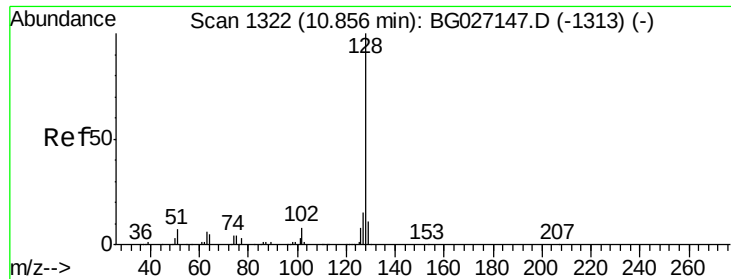
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 06:05:48 2017
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#3

Naphthalene

Concen: 1.78 ng/ul

RT: 10.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BG027152.D

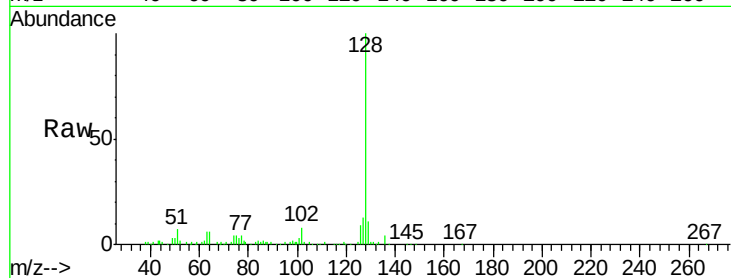
Acq: 25 May 2017 6:38

Instrument :

BNA_G

ClientSampleId :

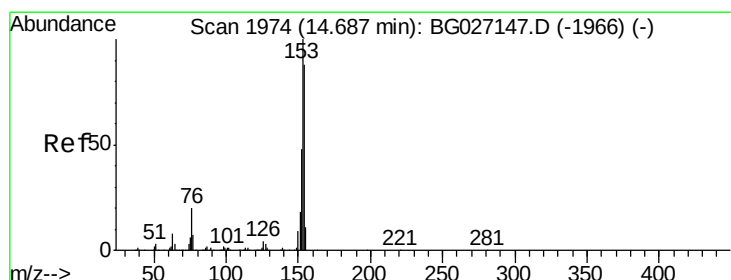
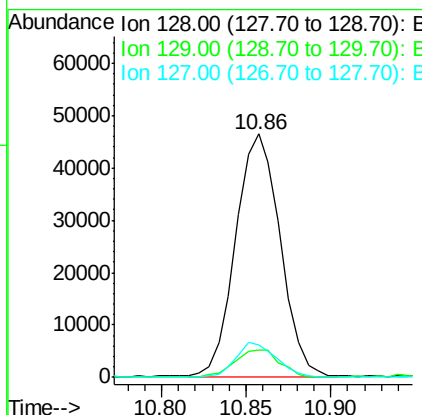
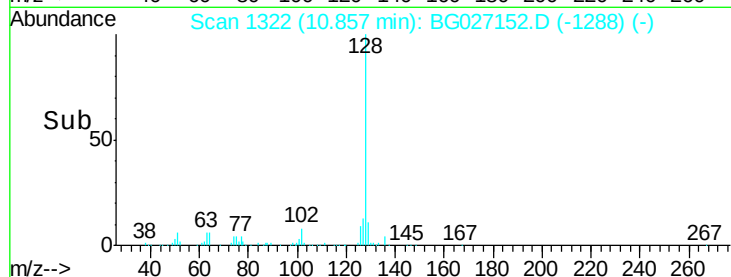
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Tgt Ion:	128	Resp:	85440
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.7	13.1
127	13.1	10.6	16.0

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#9

Acenaphthene

Concen: 1.22 ng/ul

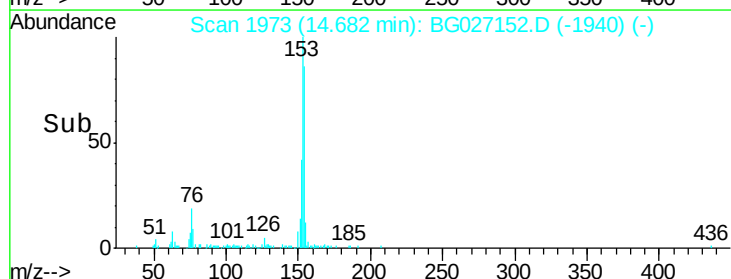
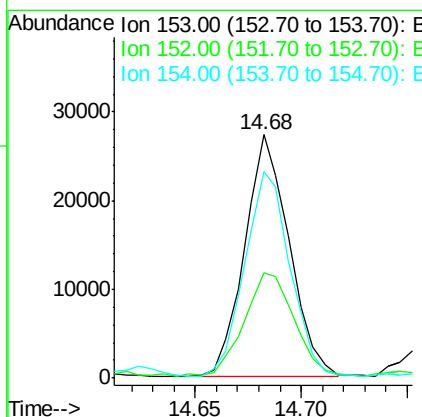
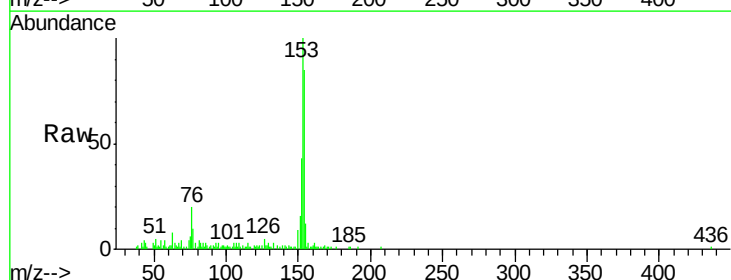
RT: 14.68 min Scan# 1973

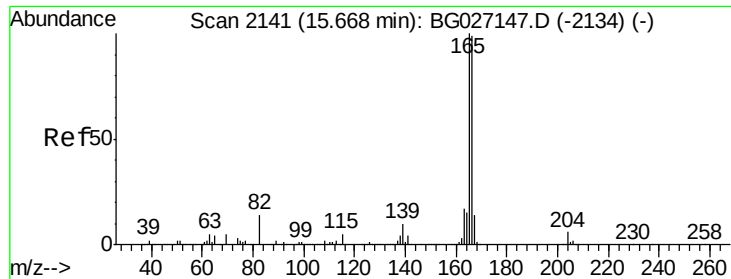
Delta R.T. -0.00 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Tgt Ion:	153	Resp:	39840
Ion Ratio	Lower	Upper	
153	100		
152	43.2	39.0	58.6
154	85.1	66.8	100.2





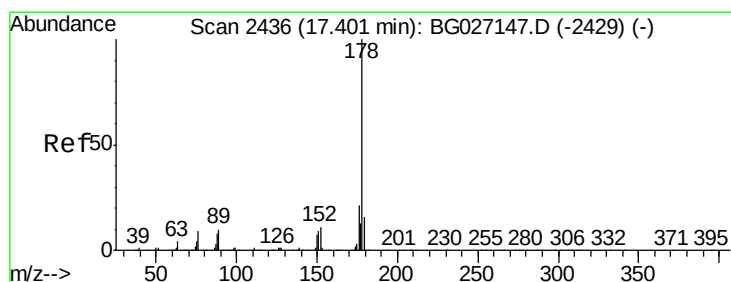
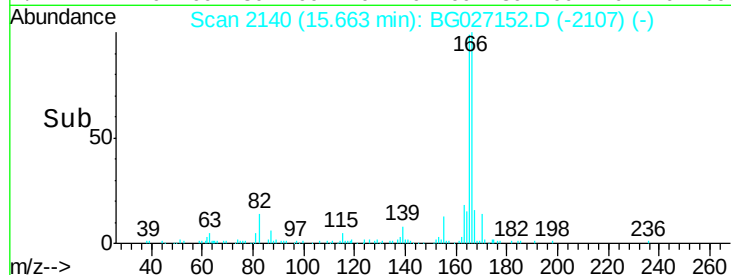
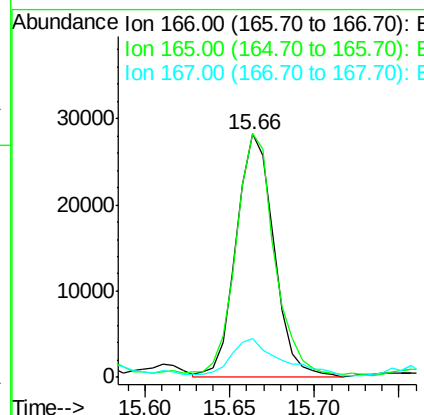
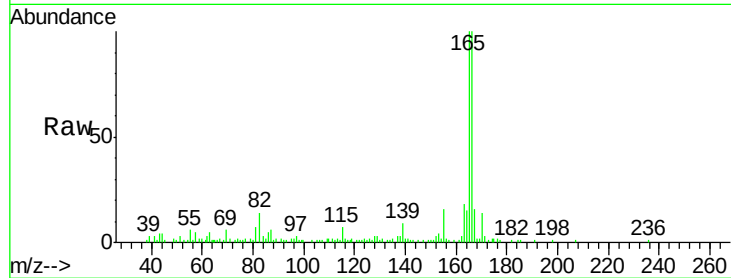
#11
 Fluorene
 Concen: 1.26 ng/ul
 RT: 15.66 min Scan# 2140
 Delta R.T. -0.00 min
 Lab File: BG027152.D
 Acq: 25 May 2017 6:38

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
166	100	43858		
165	99.8	83.8	125.8	
167	16.1	11.5	17.3	

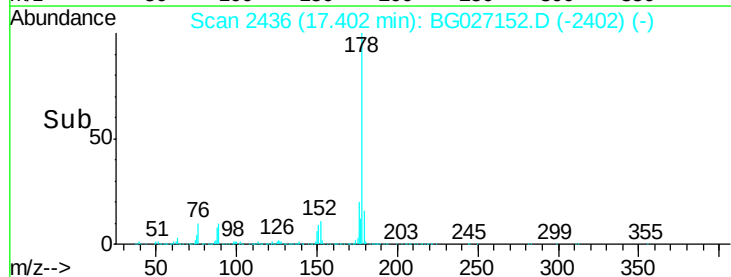
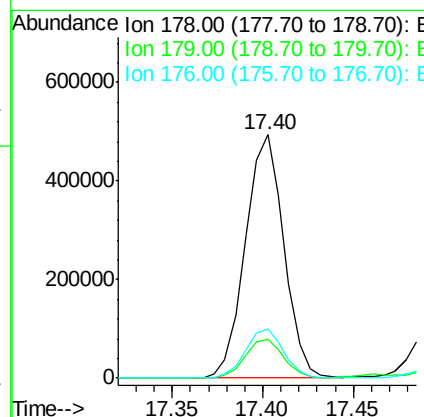
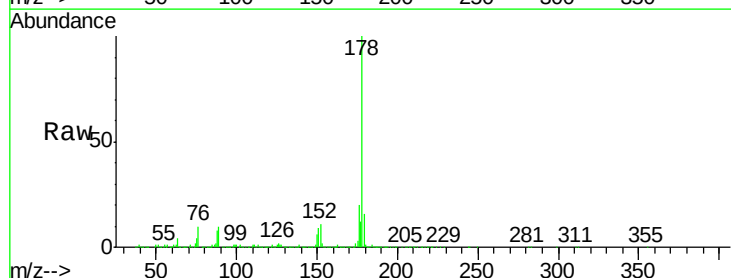
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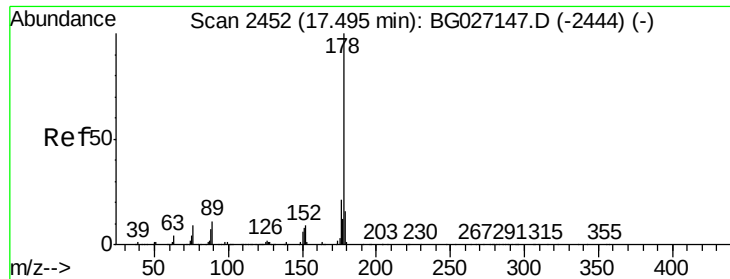
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#13
 Phenanthrene
 Concen: 15.48 ng/ul
 RT: 17.40 min Scan# 2436
 Delta R.T. 0.00 min
 Lab File: BG027152.D
 Acq: 25 May 2017 6:38

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	723311		
179	16.0	12.3	18.5	
176	20.0	15.1	22.7	





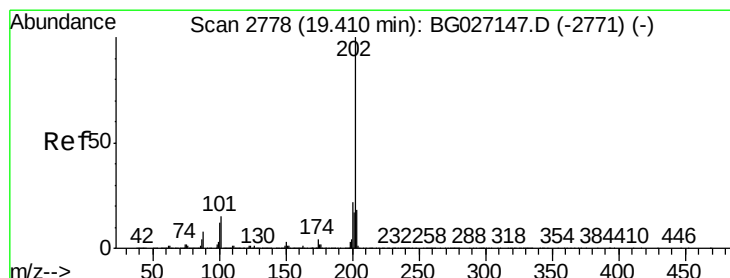
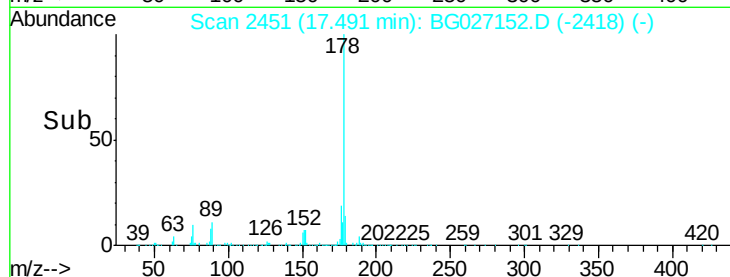
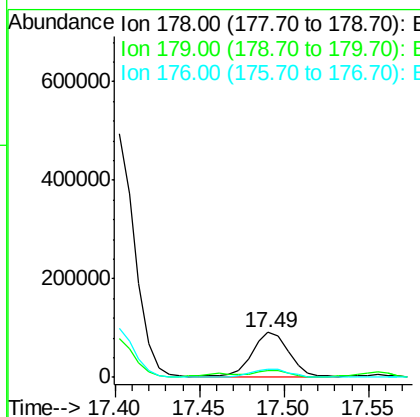
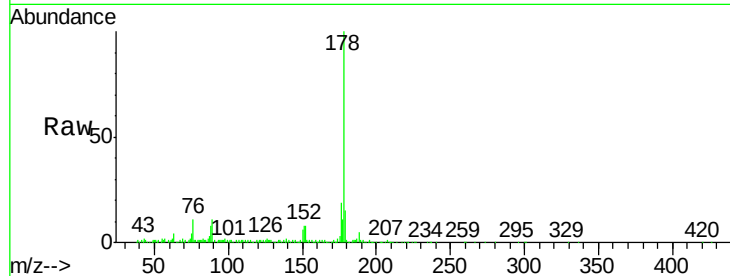
#15
 Anthracene
 Concen: 2.86 ng/ul
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG027152.D
 Acq: 25 May 2017 6:38

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.8	17.8
176	19.1	15.2	22.8

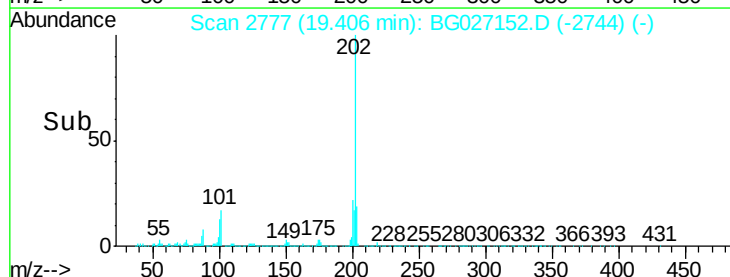
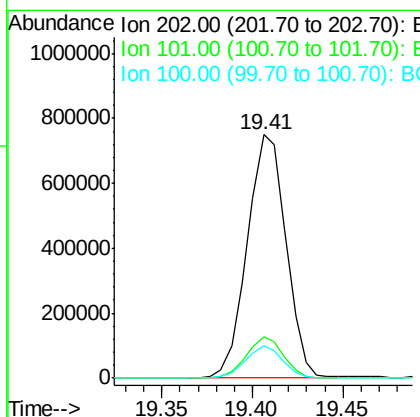
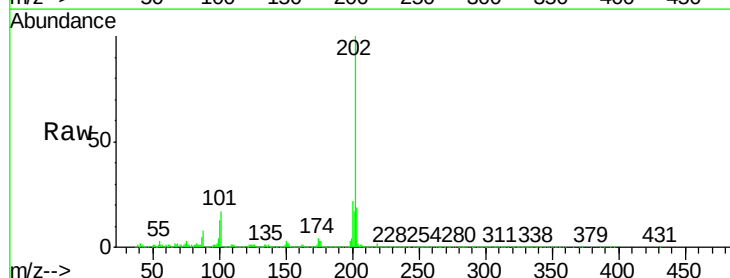
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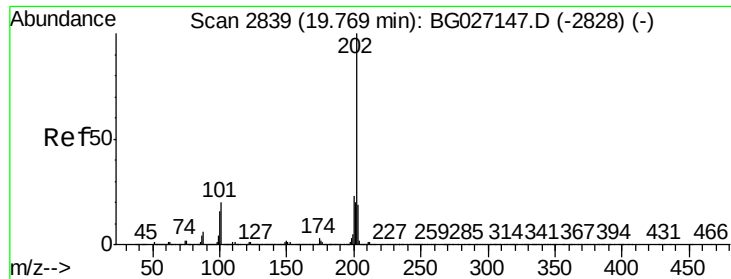
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#16
 Fluoranthene
 Concen: 23.27 ng/ul
 RT: 19.41 min Scan# 2777
 Delta R.T. -0.00 min
 Lab File: BG027152.D
 Acq: 25 May 2017 6:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	9.9	14.9#
100	13.4	7.4	11.0#





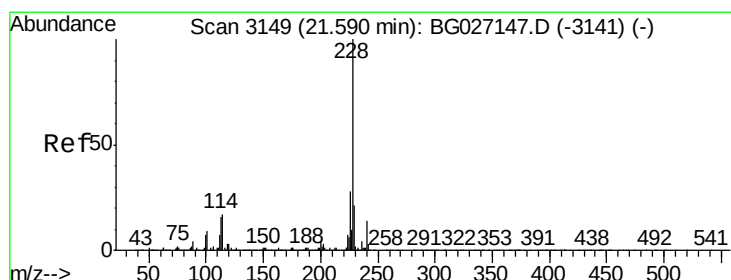
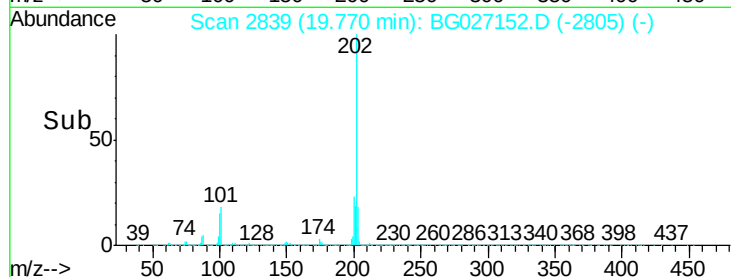
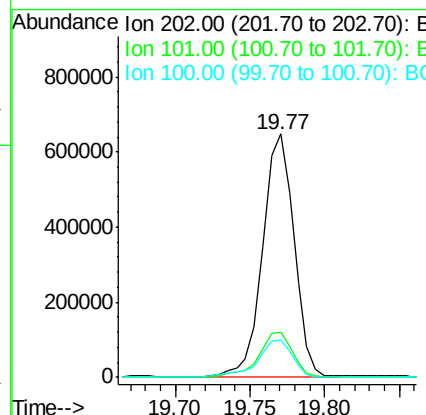
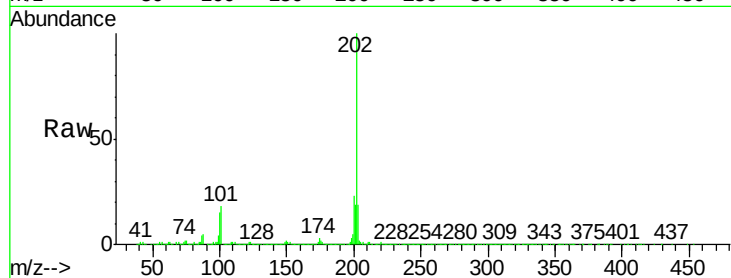
#19
Pyrene
Concen: 19.25 ng/ul
RT: 19.77 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BG027152.D
Acq: 25 May 2017 6:38

Instrument :
BNA_G
ClientSampleId :
DACA3

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	18.3	11.0	16.4#
100	15.3	8.1	12.1#

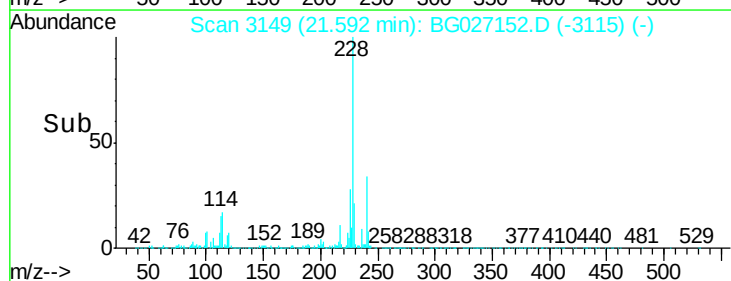
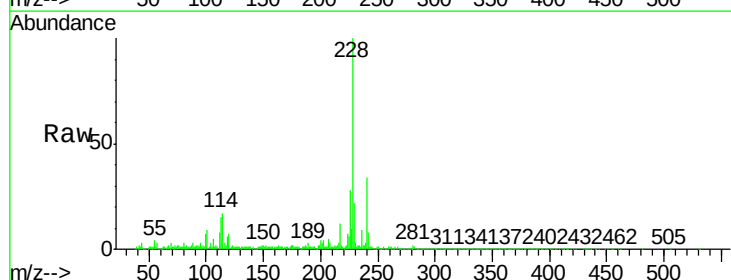
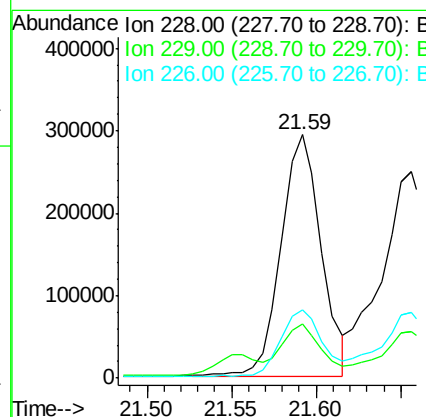
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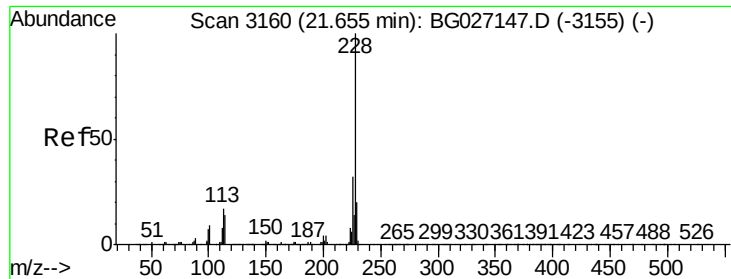
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#20
Benzo(a)anthracene
Concen: 10.77 ng/ul
RT: 21.59 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BG027152.D
Acq: 25 May 2017 6:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.1	15.7	23.5
226	28.1	21.1	31.7





#21

Chrysene

Concen: 11.98 ng/ul

RT: 21.66 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Instrument :

BNA_G

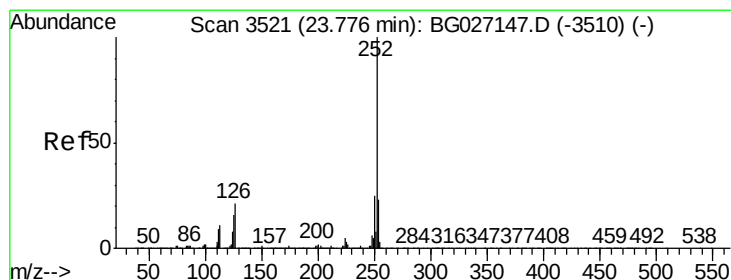
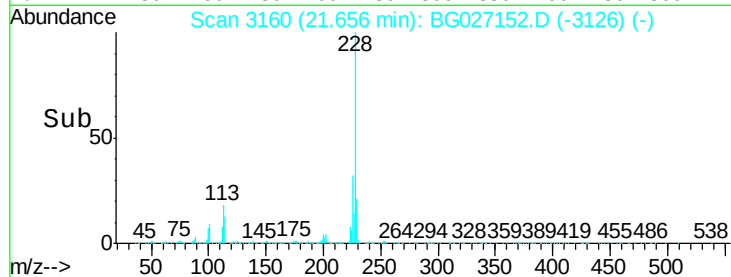
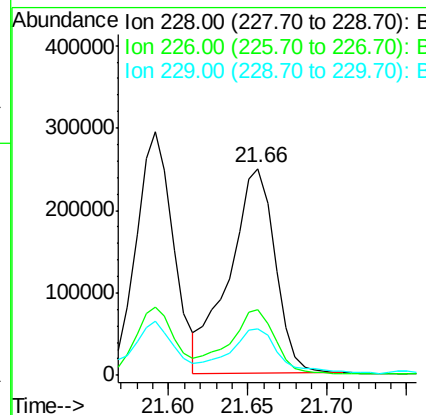
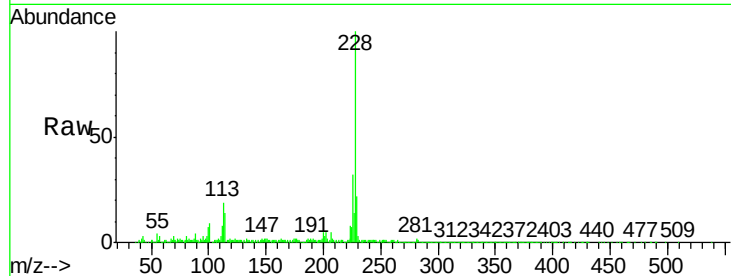
ClientSampleId :

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Tgt	Ion	228	Resp:	494322
	Ratio	100	Lower	Upper
	228	100		
	226	31.9	24.5	36.7
	229	22.5	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 18.16 ng/ul

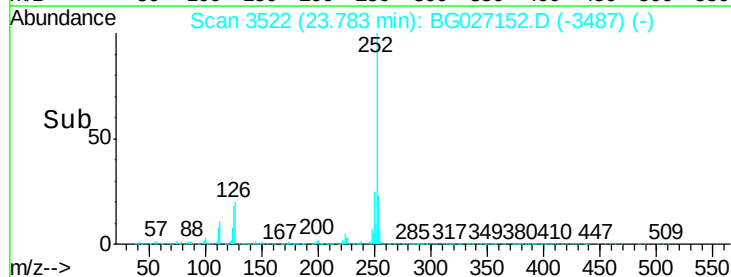
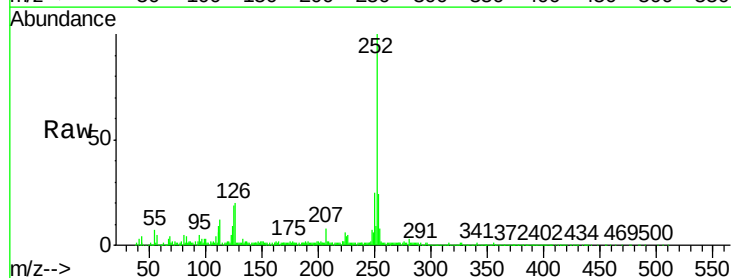
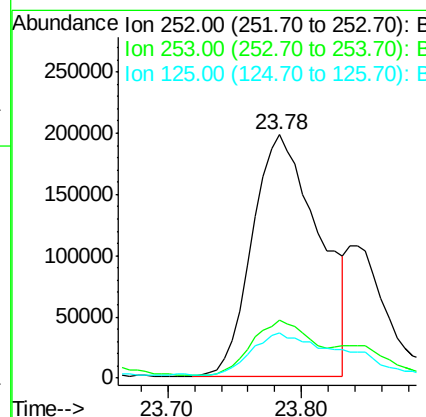
RT: 23.78 min Scan# 3522

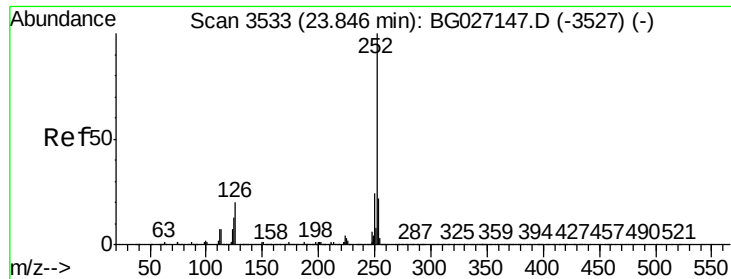
Delta R.T. 0.01 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Tgt	Ion	252	Resp:	681831
	Ratio	100	Lower	Upper
	252	100		
	253	23.9	18.0	27.0
	125	18.7	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 5.71 ng/ul m

RT: 23.84 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Instrument :

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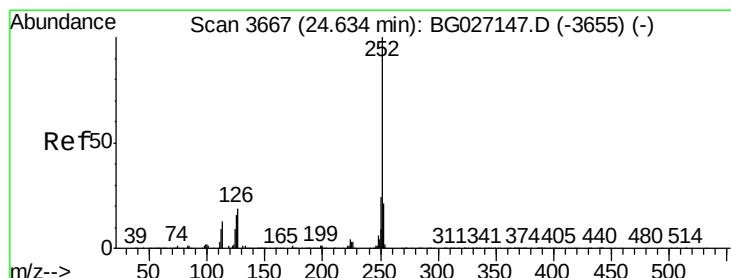
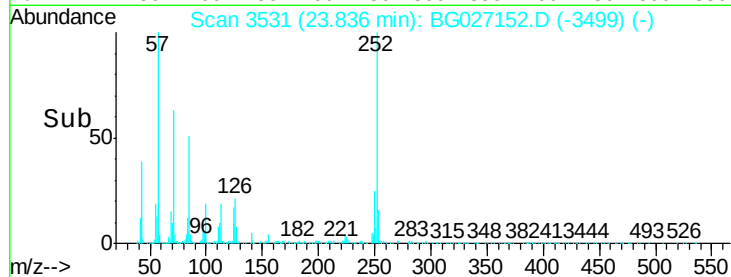
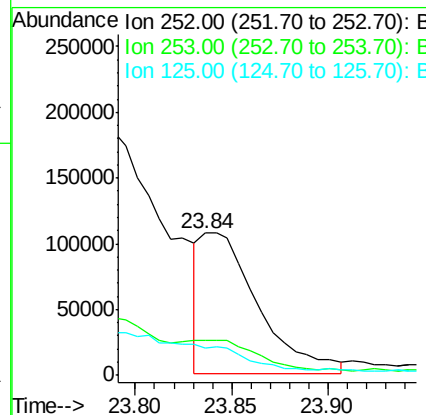
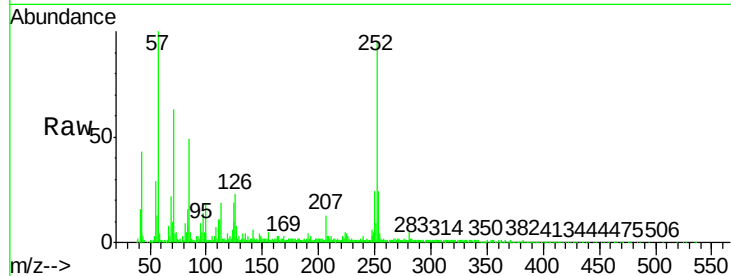
ClientSampled :

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Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		220325		
253	24.8	18.0	27.0		
125	19.5	8.1	12.1#		

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#26

Benzo(a)pyrene

Concen: 10.26 ng/ul

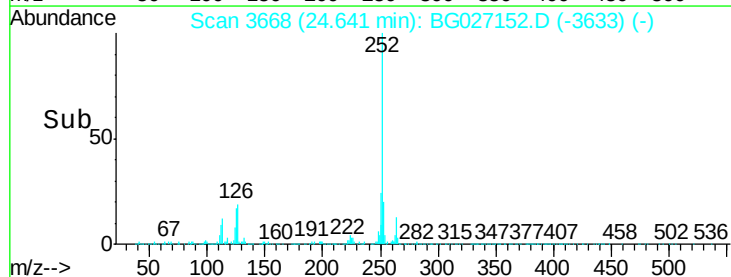
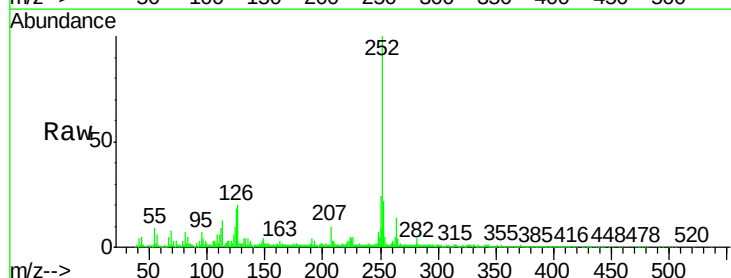
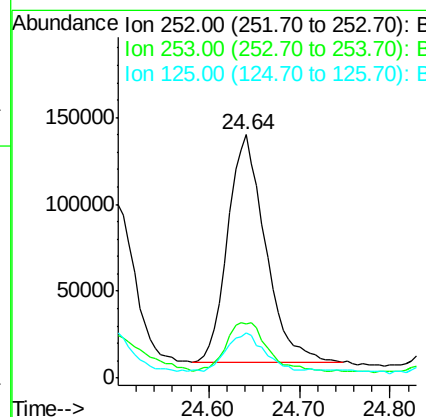
RT: 24.64 min Scan# 3668

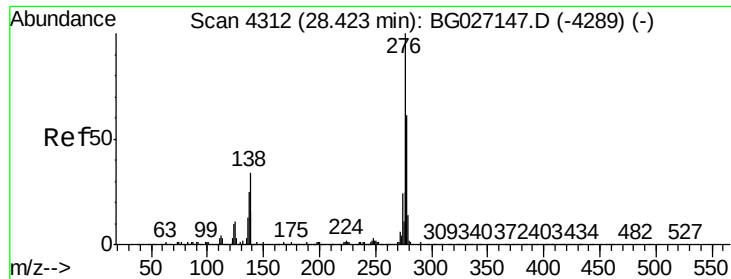
Delta R.T. 0.01 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		376767		
253	22.4	17.2	25.8		
125	18.3	8.2	12.4#		





#27

Indeno(1,2,3-cd)pyrene

Concen: 6.03 ng/ul m

RT: 28.42 min Scan# 4312

Delta R.T. 0.00 min

Lab File: BG027152.D

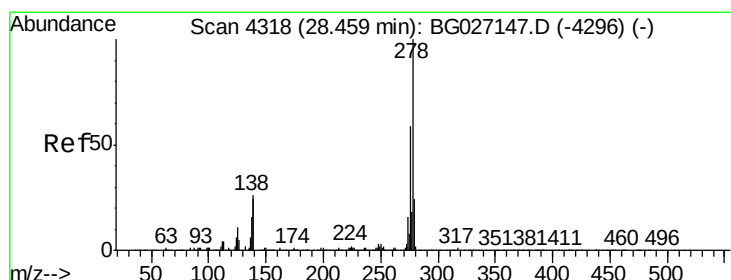
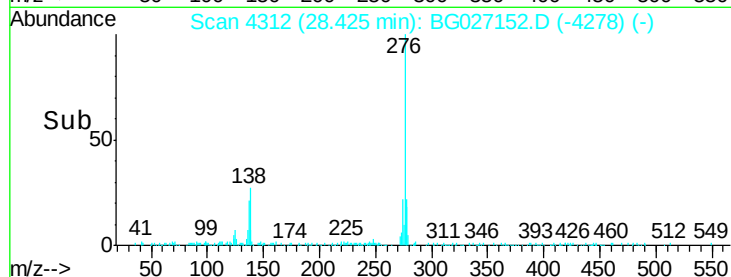
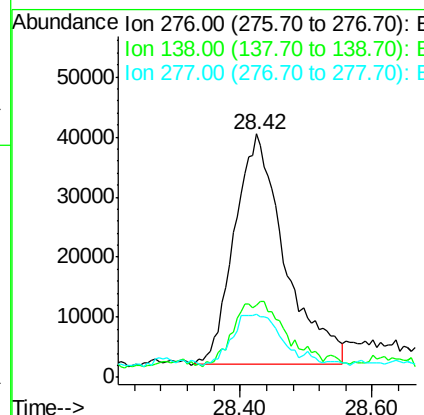
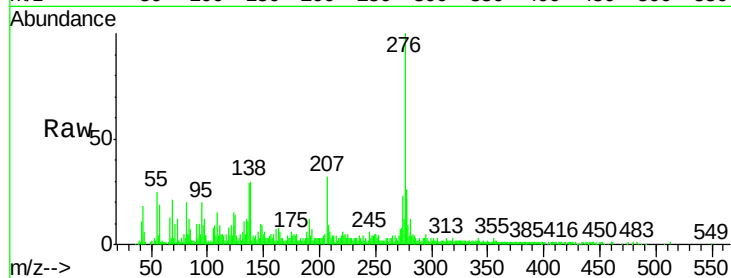
Acq: 25 May 2017 6:38

Instrument :
BNA_G
ClientSampled :
DACA3

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.8	14.4	21.6#
277	25.7	18.0	27.0

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#28

Dibenzo(a,h)anthracene

Concen: 1.53 ng/ul

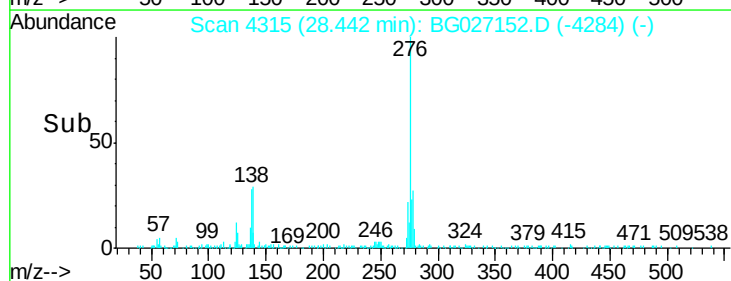
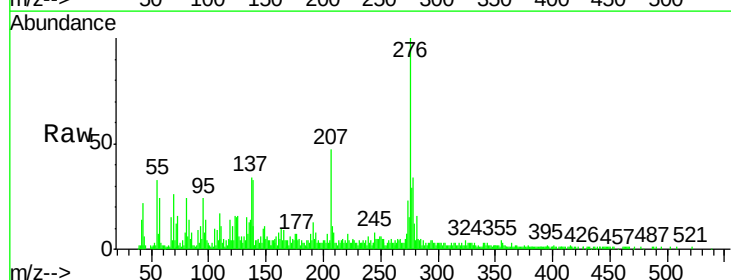
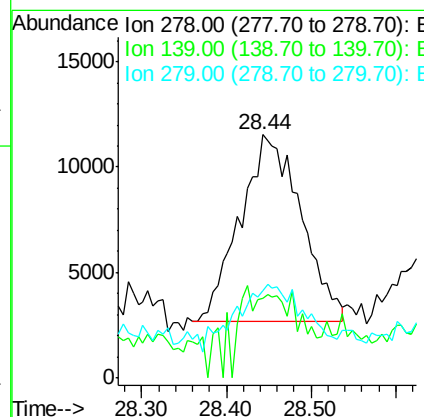
RT: 28.44 min Scan# 4315

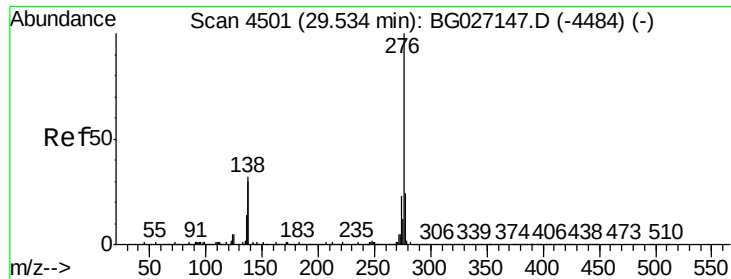
Delta R.T. -0.02 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	32.7	12.2	18.4#
279	36.1	19.2	28.8#





#29

Benzo(g,h,i)perylene

Concen: 5.17 ng/ul m

RT: 29.55 min Scan# 4503

Delta R.T. 0.01 min

Lab File: BG027152.D

Acq: 25 May 2017 6:38

Instrument :

BNA_G

ClientSampleId :

DACA3

Tgt	Ion	276	Resp	138778
Ion	Ratio	Lower	Upper	
276	100			
138	31.8	15.3	22.9#	
277	25.6	19.0	28.4	

Manual Integrations
APPROVED

mohammad
5/26/2017 11:55:48 AM

