

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
 Data File : BG027141.D
 Acq On : 24 May 2017 23:27
 Operator : SJ/MA
 Sample : I3277-20MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DACA5MS

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Quant Time: May 25 05:21:18 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 25 04:52:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	181113	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	881265	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	446868	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	808935	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	721948	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	639089	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.32	160	1029187	22.45	ng/ul	0.00
10) Fluorene-d10	15.61	176	656544	21.47	ng/ul	0.00
14) Anthracene-d10	17.45	188	859213	21.79	ng/ul	0.00
18) Pyrene-d10	19.74	212	842696	22.36	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	713783	22.48	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Acenaphthene	14.68	153	741647	23.52	ng/ul	97
13) Phenanthrene	17.39	178	120131	2.66	ng/ul	99
16) Fluoranthene	19.40	202	276057	5.97	ng/ul#	94
19) Pyrene	19.77	202	1313144	27.83	ng/ul#	85
20) Benzo(a)anthracene	21.58	228	137505	3.16	ng/ul	95
21) Chrysene	21.65	228	135066	3.38	ng/ul	96
23) Benzo(b)fluoranthene	23.78	252	185538	4.88	ng/ul#	89
24) Benzo(k)fluoranthene	23.83	252	73362m	1.88	ng/ul	
26) Benzo(a)pyrene	24.63	252	109626	2.95	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	28.41	276	56913m	1.67	ng/ul	
29) Benzo(g,h,i)perylene	29.53	276	35169m	1.29	ng/ul	

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

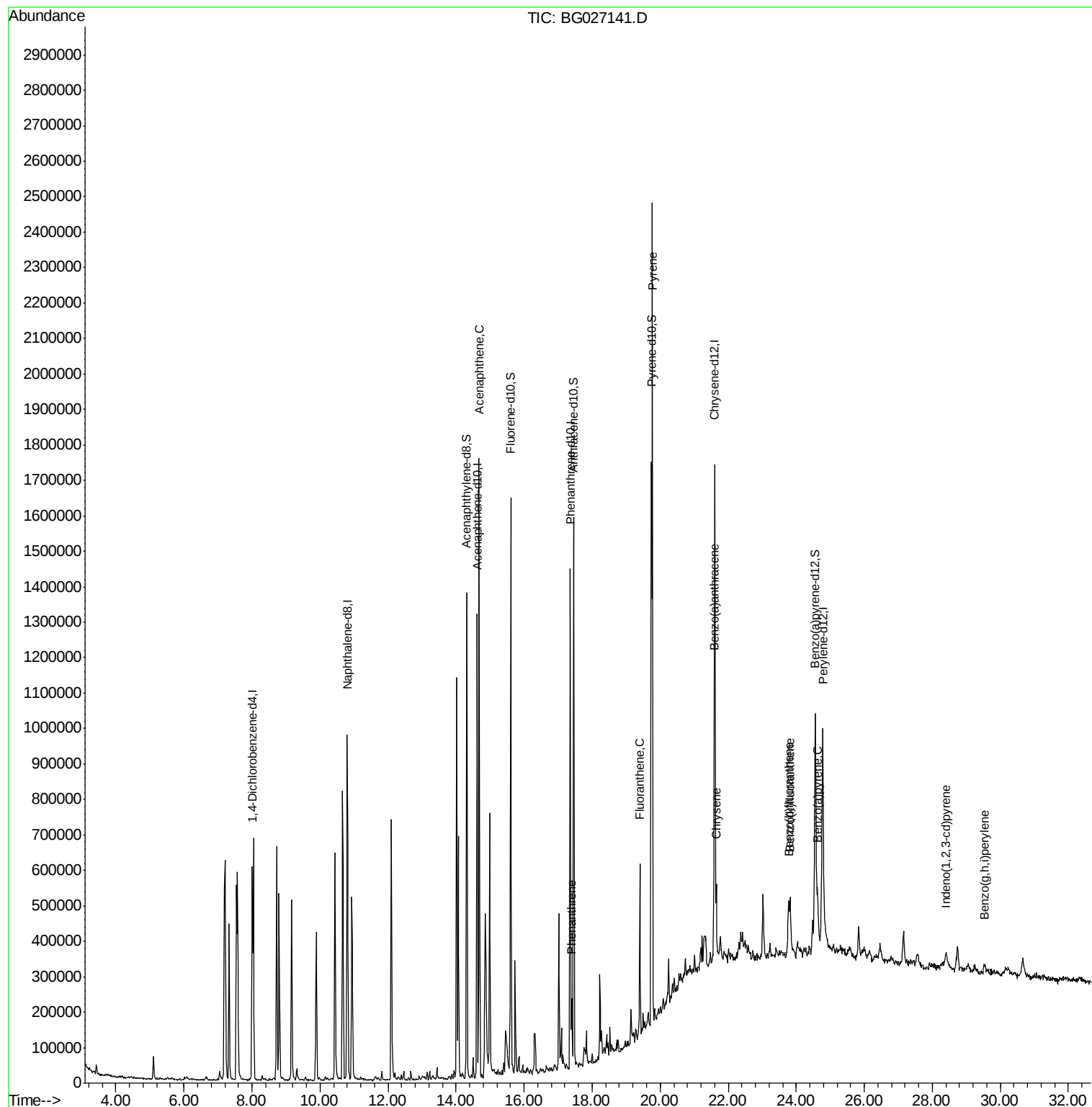
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027141.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

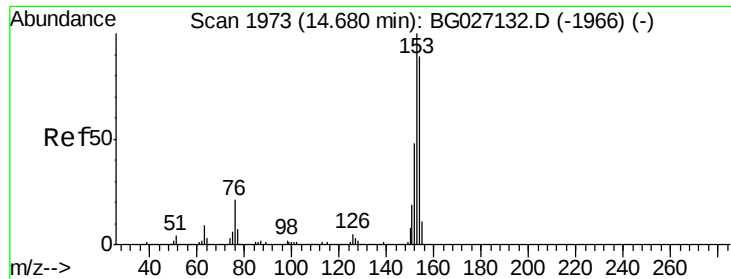
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Quant Time: May 25 05:21:18 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 25 04:52:31 2017
Response via : Initial Calibration





#9

Acenaphthene

Concen: 23.52 ng/ul

RT: 14.68 min Scan# 1973

Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Instrument :

BNA_G

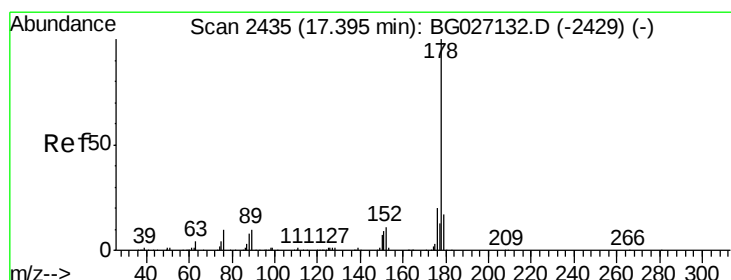
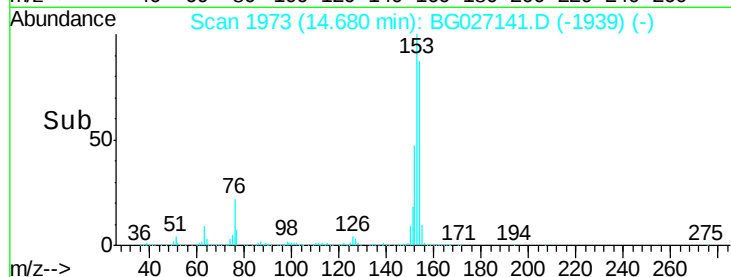
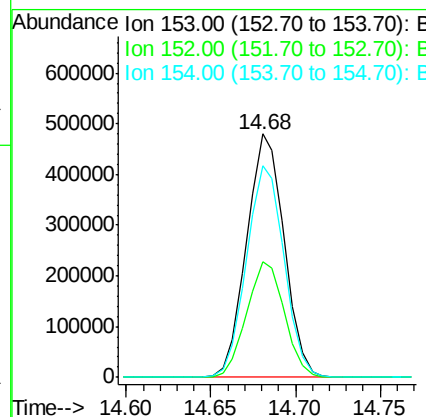
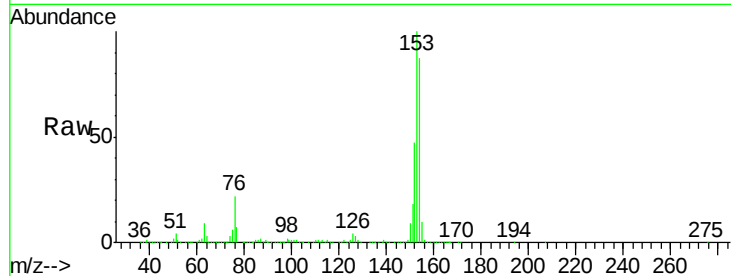
ClientSampleId :

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Tgt Ion:	153	Resp:	741647
Ion Ratio	Lower	Upper	
153	100		
152	47.5	39.0	58.6
154	87.0	66.8	100.2

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#13

Phenanthrene

Concen: 2.66 ng/ul

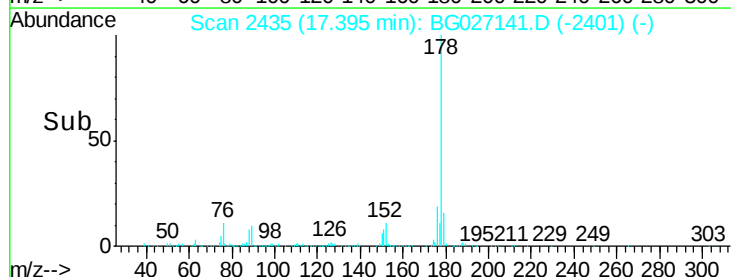
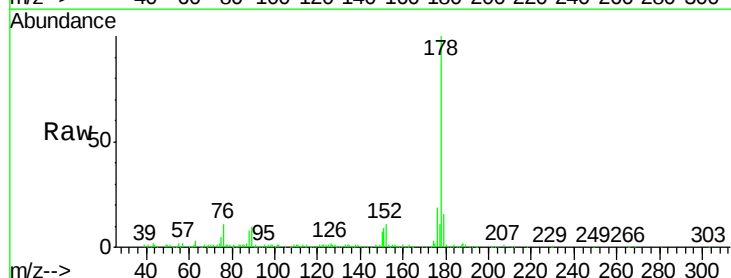
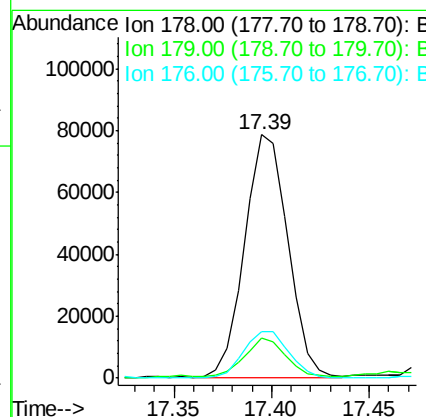
RT: 17.39 min Scan# 2435

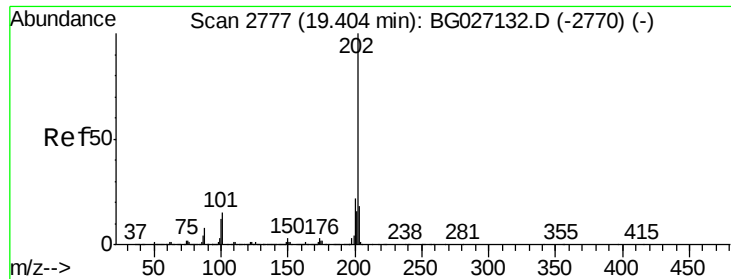
Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Tgt Ion:	178	Resp:	120131
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.3	18.5
176	19.0	15.1	22.7





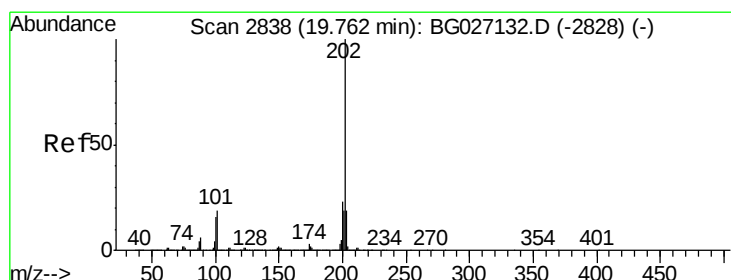
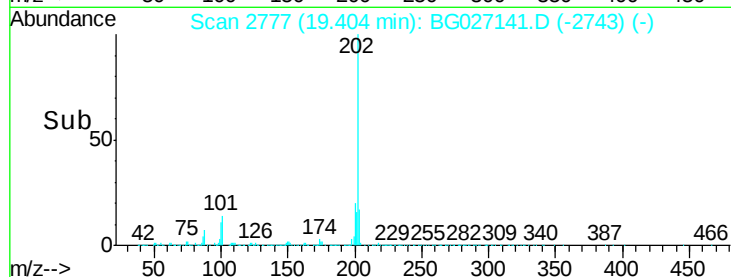
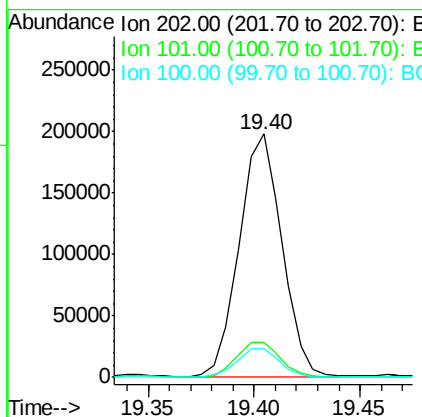
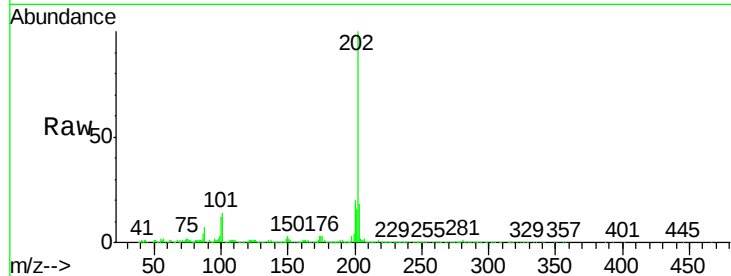
#16
 Fluoranthene
 Concen: 5.97 ng/ul
 RT: 19.40 min Scan# 2777
 Delta R.T. 0.00 min
 Lab File: BG027141.D
 Acq: 24 May 2017 23:27

Instrument :
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 ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.4	9.9	14.9
100	11.6	7.4	11.0

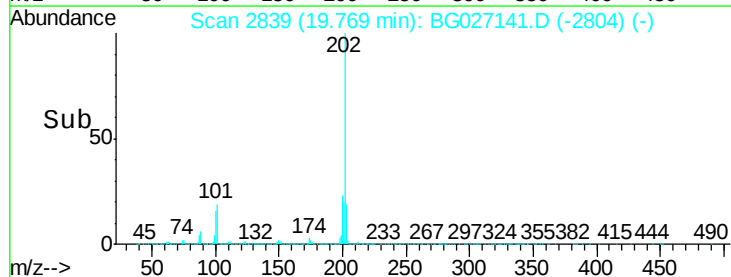
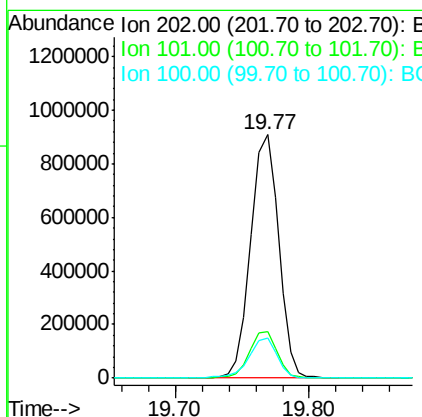
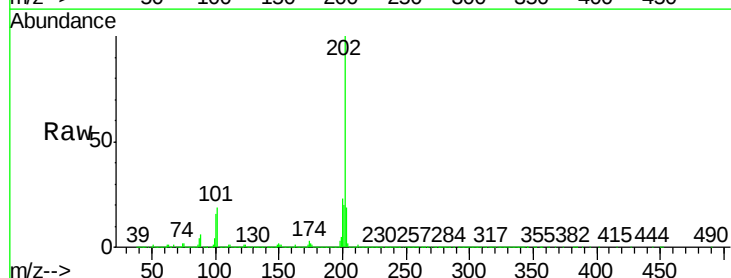
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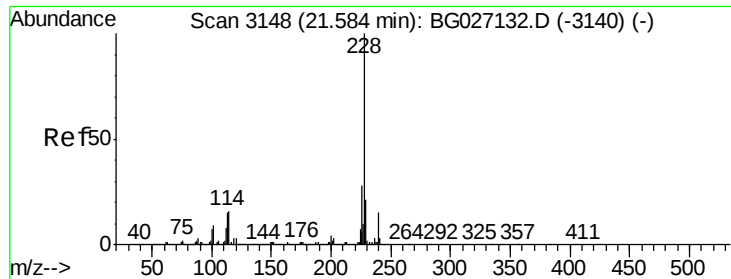
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#19
 Pyrene
 Concen: 27.83 ng/ul
 RT: 19.77 min Scan# 2839
 Delta R.T. 0.01 min
 Lab File: BG027141.D
 Acq: 24 May 2017 23:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	19.0	11.0	16.4
100	16.3	8.1	12.1





#20

Benzo(a)anthracene

Concen: 3.16 ng/ul

RT: 21.58 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Instrument :

BNA_G

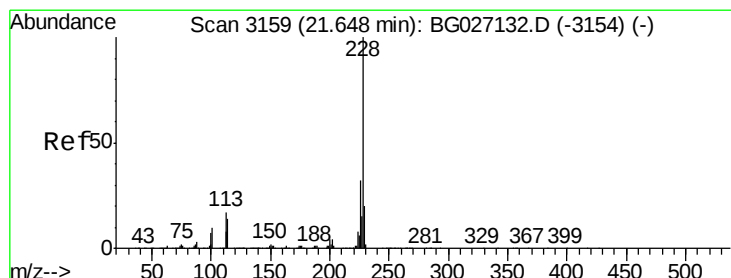
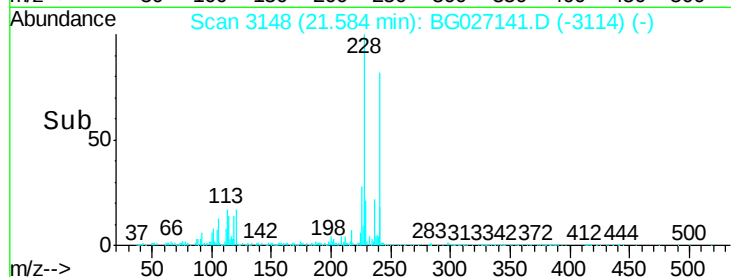
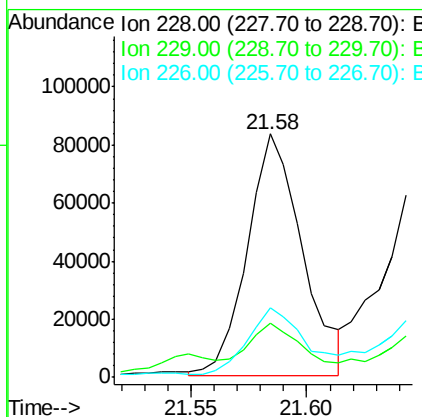
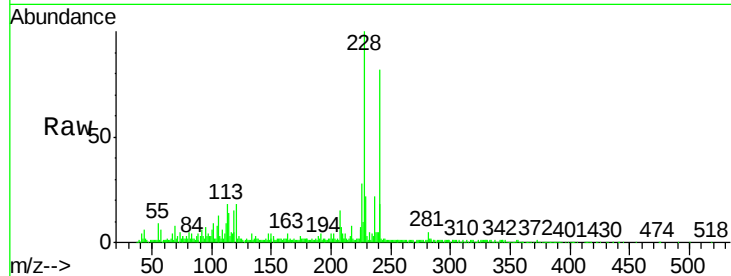
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Tgt Ion:	228	Resp:	137505
Ion Ratio		Lower	Upper
228	100		
229	22.4	15.7	23.5
226	28.4	21.1	31.7

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#21

Chrysene

Concen: 3.38 ng/ul

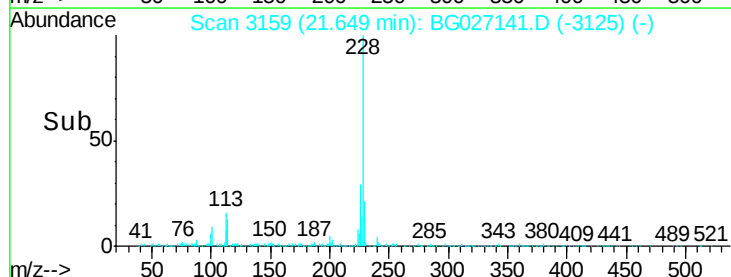
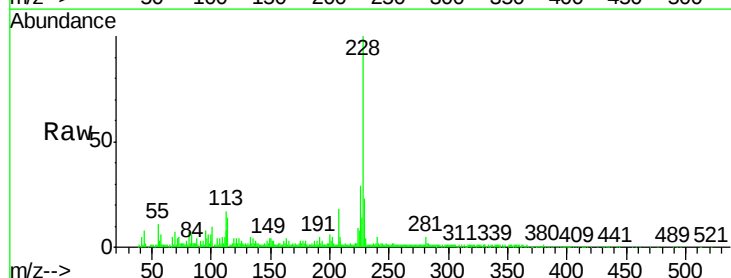
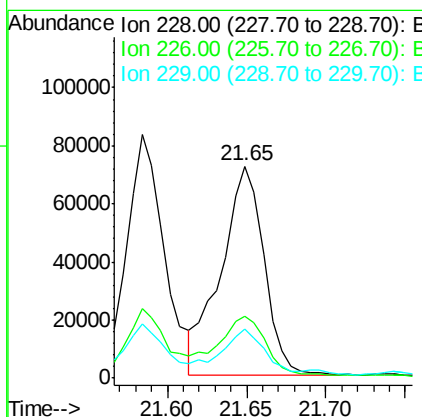
RT: 21.65 min Scan# 3159

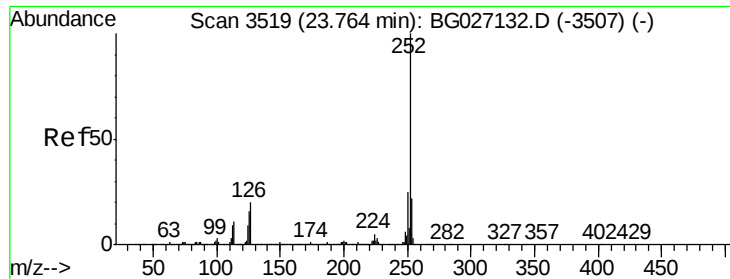
Delta R.T. 0.00 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Tgt Ion:	228	Resp:	135066
Ion Ratio		Lower	Upper
228	100		
226	29.4	24.5	36.7
229	23.0	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 4.88 ng/ul

RT: 23.78 min Scan# 3521

Delta R.T. 0.01 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Instrument :

BNA_G

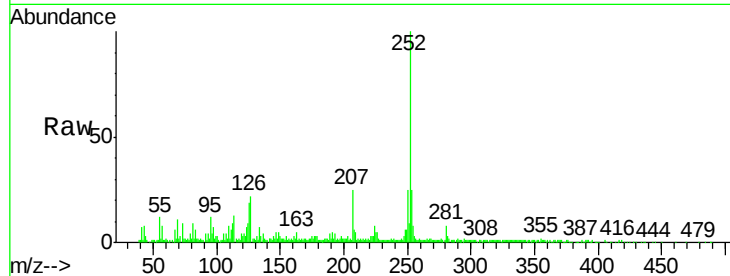
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
252	100	185538		
253	24.9	18.0	27.0	
125	19.5	8.0	12.0	#

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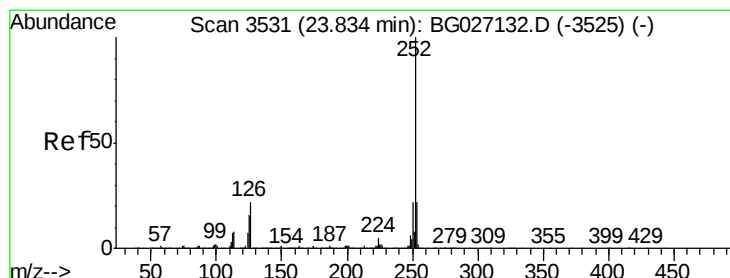
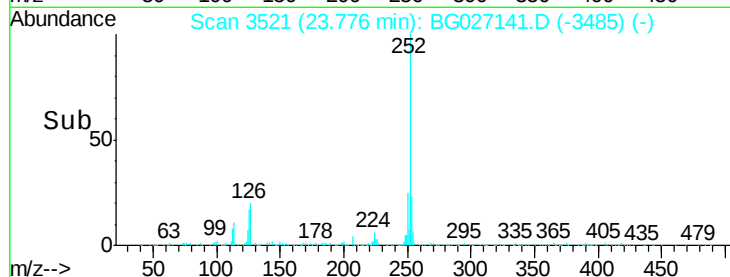
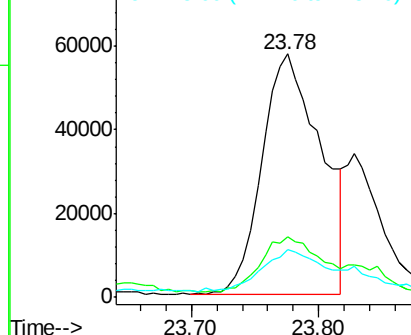


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Benzo(k)fluoranthene

Concen: 1.88 ng/ul m

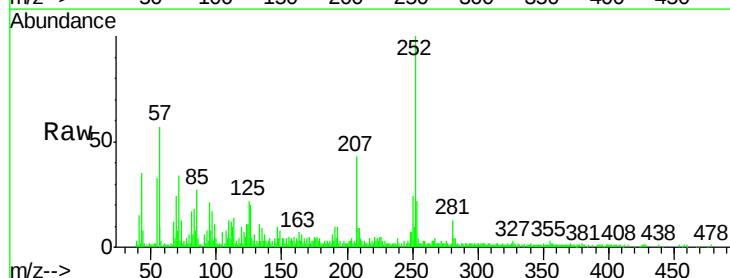
RT: 23.83 min Scan# 3530

Delta R.T. -0.01 min

Lab File: BG027141.D

Acq: 24 May 2017 23:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	73362		
253	22.0	18.0	27.0	
125	21.8	8.1	12.1	#

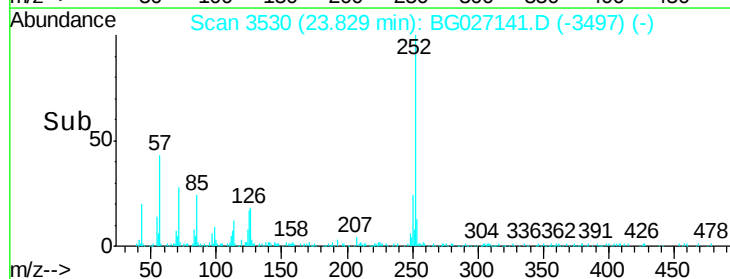
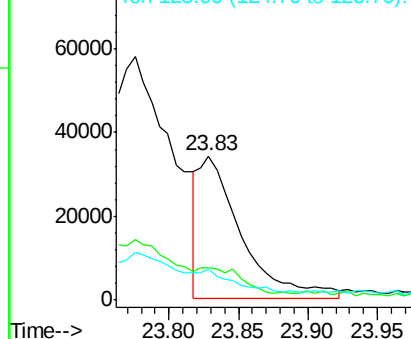


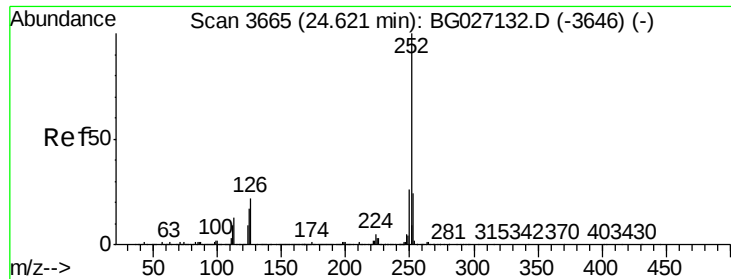
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





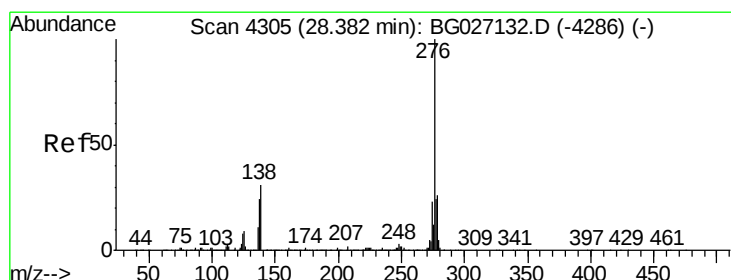
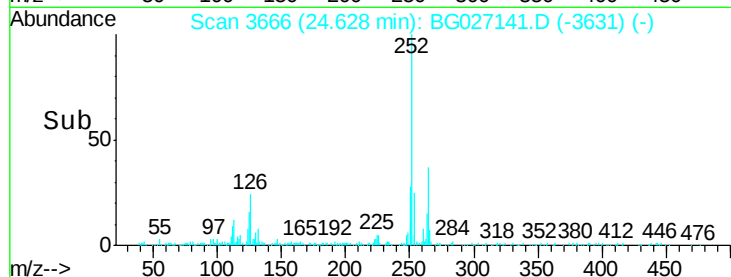
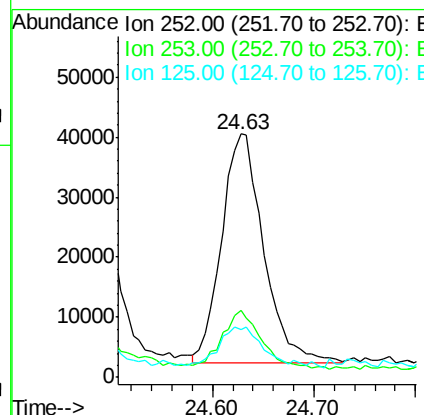
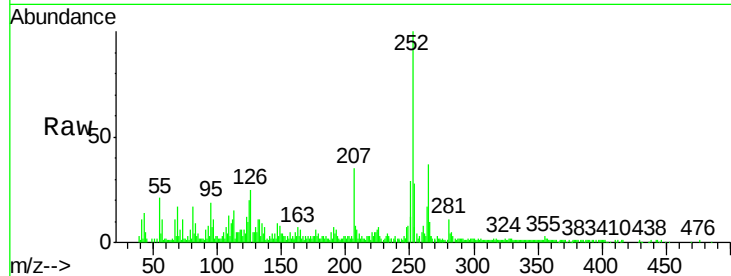
#26
Benzo(a)pyrene
Concen: 2.95 ng/ul
RT: 24.63 min Scan# 3666
Delta R.T. 0.01 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.7	17.2	25.8#
125	19.9	8.2	12.4#

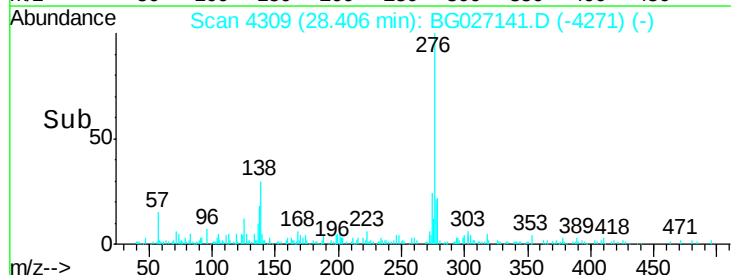
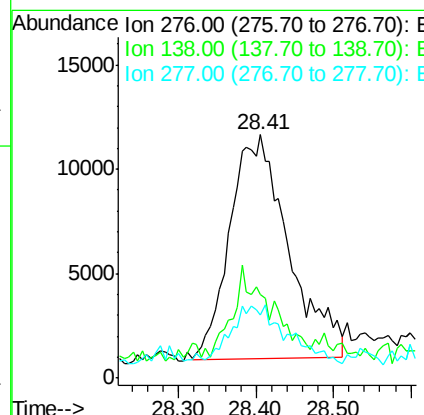
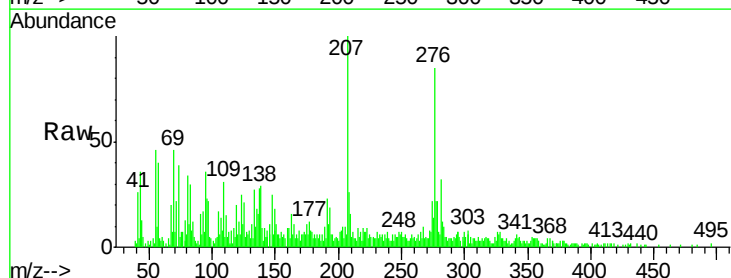
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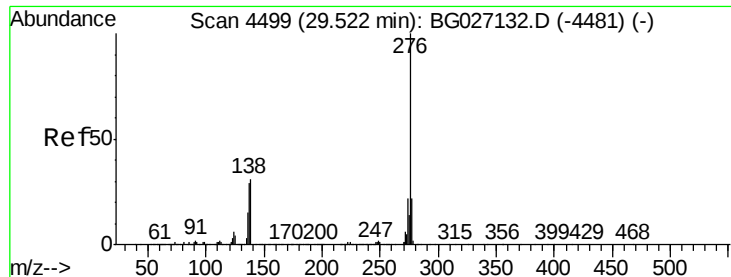
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#27
Indeno(1,2,3-cd)pyrene
Concen: 1.67 ng/ul m
RT: 28.41 min Scan# 4309
Delta R.T. 0.02 min
Lab File: BG027141.D
Acq: 24 May 2017 23:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	34.6	14.4	21.6#
277	26.2	18.0	27.0





#29

Benzo(g,h,i)perylene

Concen: 1.29 ng/ul m

RT: 29.53 min Scan# 4500

Delta R.T. 0.01 min

Lab File: BG027141.D

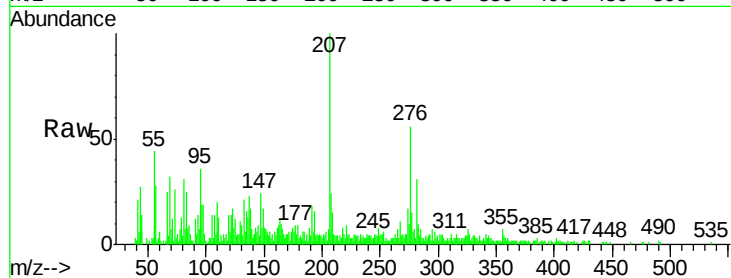
Acq: 24 May 2017 23:27

Instrument :

BNA_G

ClientSampleId :

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Tgt Ion:	276	Resp:	35169
Ion Ratio	Lower	Upper	
276	100		
138	31.2	15.3	22.9#
277	26.9	19.0	28.4

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