

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
 Data File : BG027115.D
 Acq On : 24 May 2017 4:26
 Operator : SJ/MA
 Sample : I3275-22
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC75

Manual Integrations
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Quant Time: May 24 05:38:02 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 24 01:50:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	253118	20.00	ng/ul	0.00
2) Naphthalene-d8	10.80	136	1192424	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	613556	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	1090767	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	1029025	20.00	ng/ul	0.00
22) Perylene-d12	24.77	264	861623	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.31	160	1559161	24.77	ng/ul	0.00
10) Fluorene-d10	15.61	176	988995	23.56	ng/ul	0.00
14) Anthracene-d10	17.45	188	1305647m	24.55	ng/ul	0.00
18) Pyrene-d10	19.73	212	1262050	23.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	1206598	28.18	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
13) Phenanthrene	17.39	178	118880	1.95	ng/ul	99
16) Fluoranthene	19.40	202	193138	3.10	ng/ul#	96
19) Pyrene	19.76	202	168953	2.51	ng/ul#	90
20) Benzo(a)anthracene	21.58	228	101647m	1.64	ng/ul	
21) Chrysene	21.65	228	123931	2.18	ng/ul	97
23) Benzo(b)fluoranthene	23.78	252	180722	3.53	ng/ul#	89
24) Benzo(k)fluoranthene	23.83	252	64260m	1.22	ng/ul	
26) Benzo(a)pyrene	24.63	252	81716	1.63	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	28.39	276	47873m	1.04	ng/ul	

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

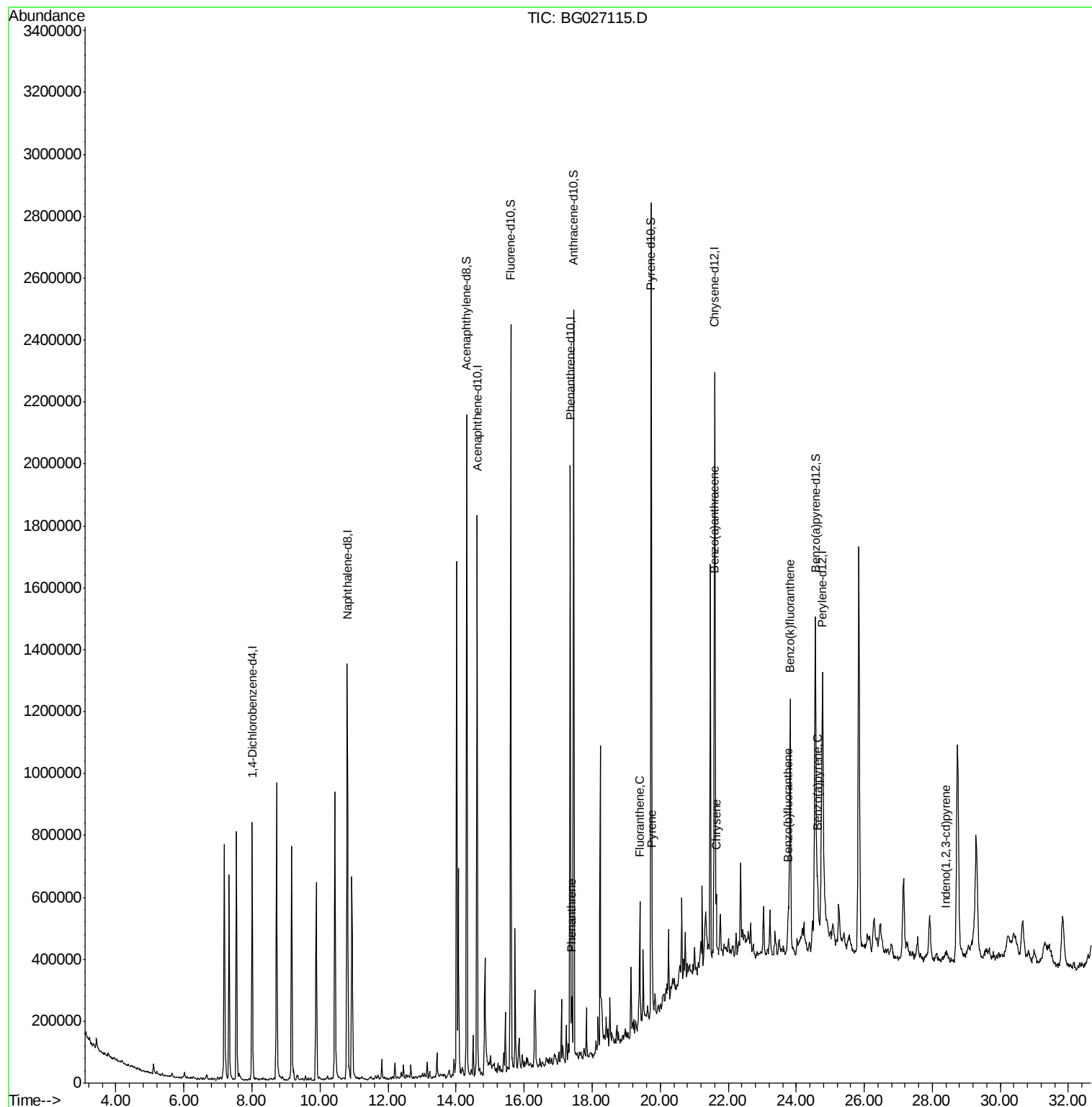
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052417\
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ALS Vial : 23 Sample Multiplier: 1

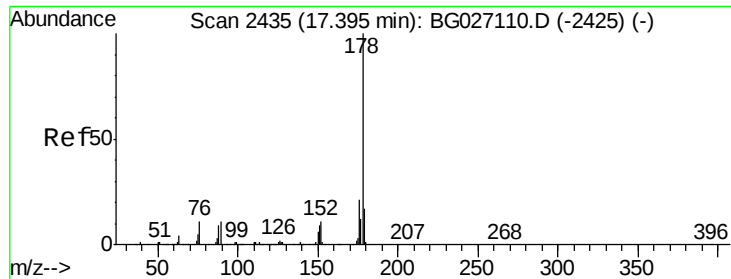
Instrument :
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Quant Time: May 24 05:38:02 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 24 01:50:08 2017
Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.95 ng/ul

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

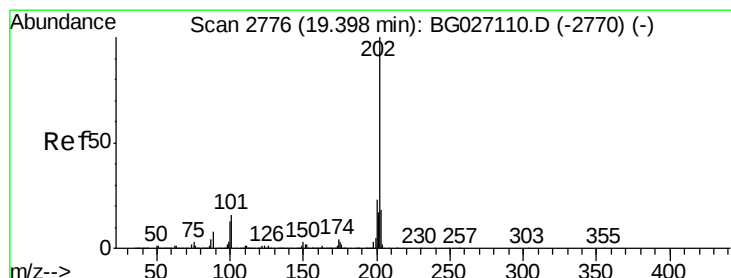
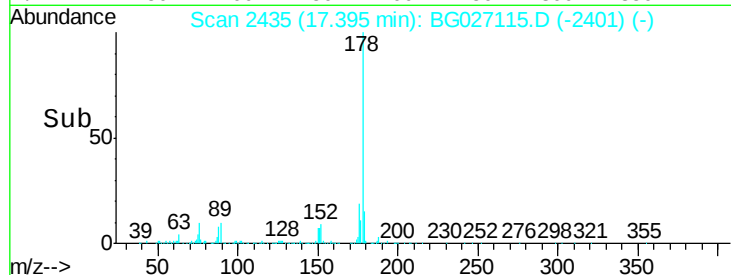
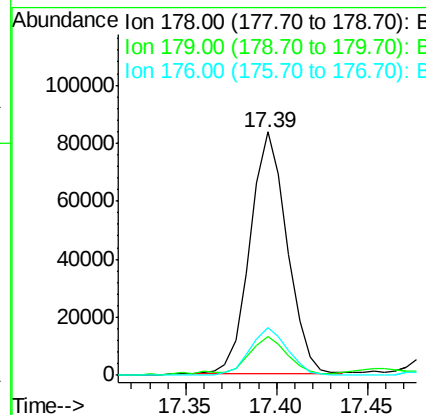
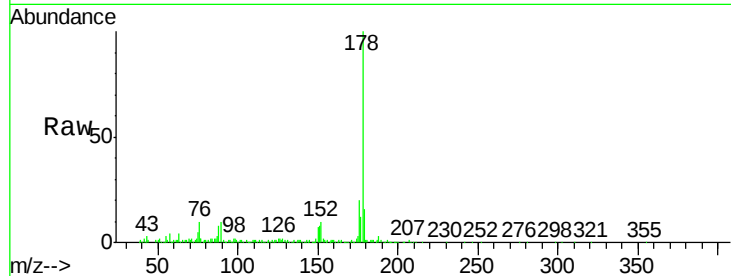
ClientSampled :

DAC75

Tgt Ion:	178	Resp:	118880
Ion Ratio	Lower	Upper	
178	100		
179	15.8	12.3	18.5
176	19.7	15.1	22.7

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#16

Fluoranthene

Concen: 3.10 ng/ul

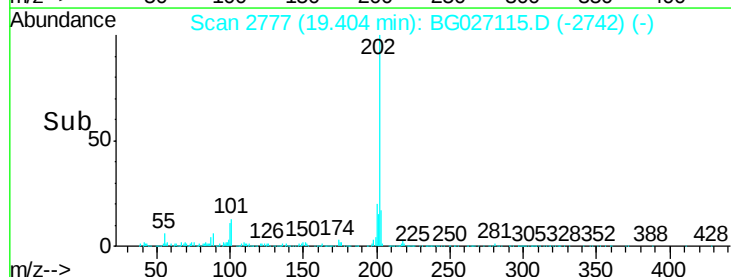
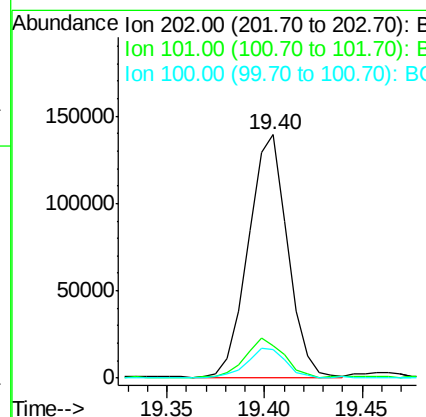
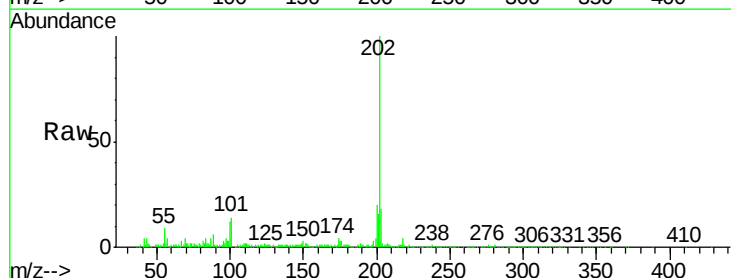
RT: 19.40 min Scan# 2777

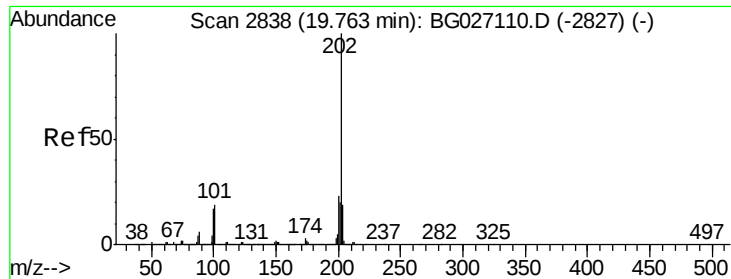
Delta R.T. 0.01 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Tgt Ion:	202	Resp:	193138
Ion Ratio	Lower	Upper	
202	100		
101	13.5	9.9	14.9
100	11.6	7.4	11.0#





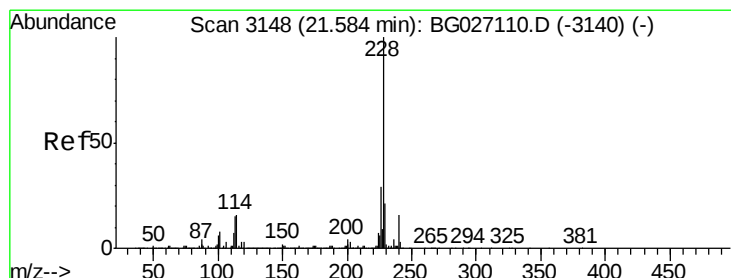
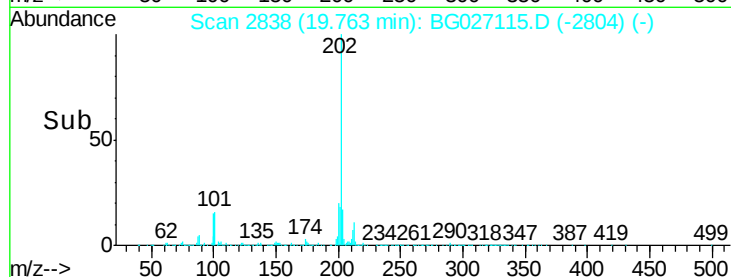
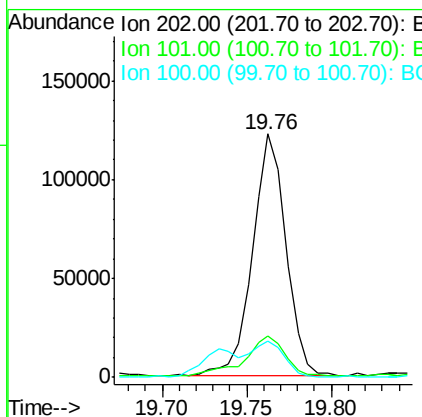
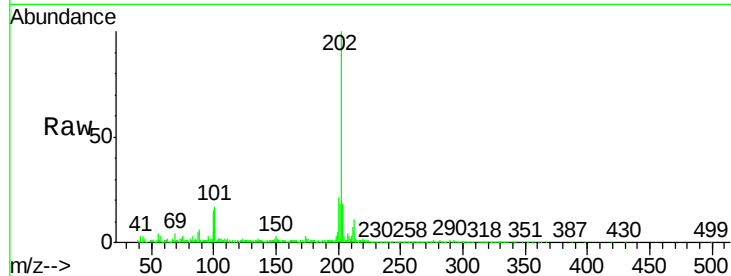
#19
Pyrene
Concen: 2.51 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027115.D
Acq: 24 May 2017 4:26

Instrument :
BNA_G
ClientSampleId :
DAC75

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	16.7	11.0	16.4#
100	15.0	8.1	12.1#

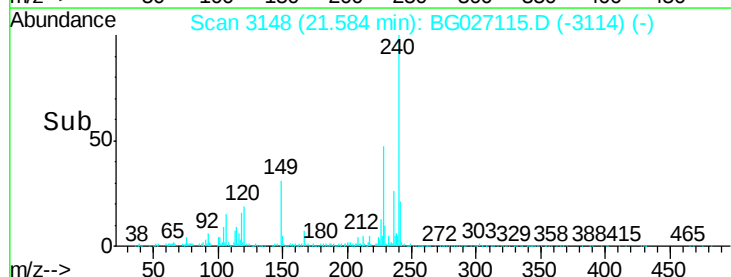
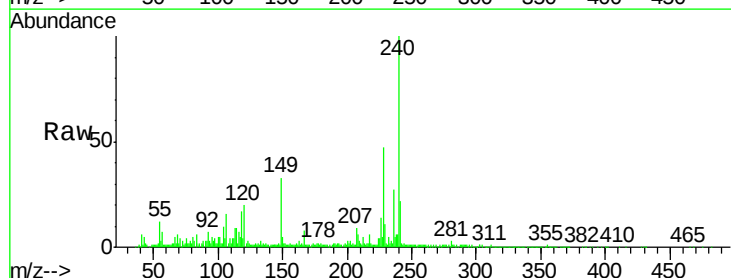
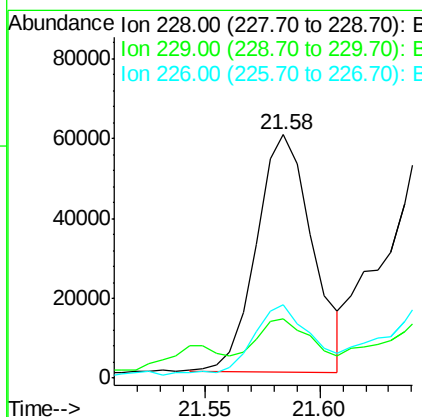
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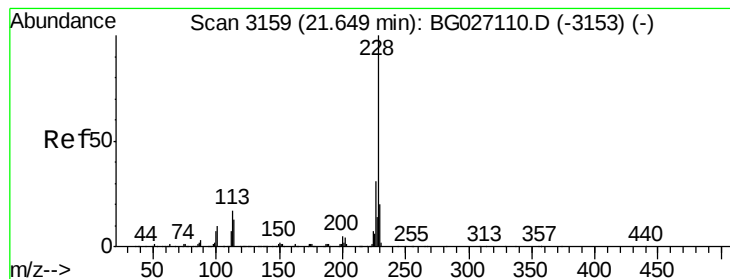
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#20
Benzo(a)anthracene
Concen: 1.64 ng/ul m
RT: 21.58 min Scan# 3148
Delta R.T. 0.00 min
Lab File: BG027115.D
Acq: 24 May 2017 4:26

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	24.4	15.7	23.5#
226	30.2	21.1	31.7





#21

Chrysene

Concen: 2.18 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.00 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

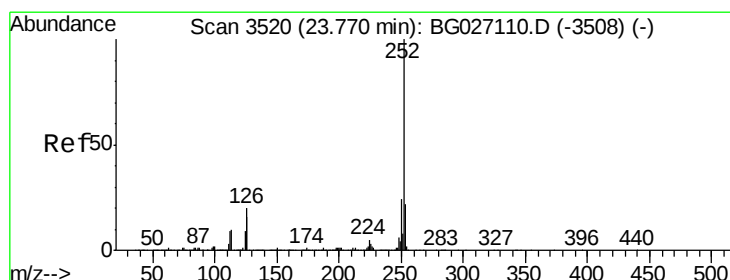
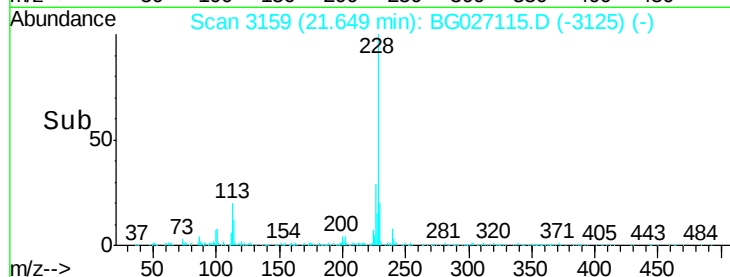
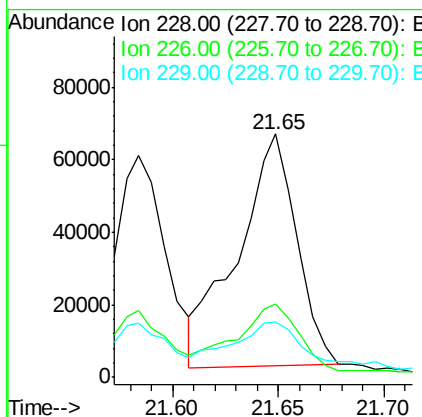
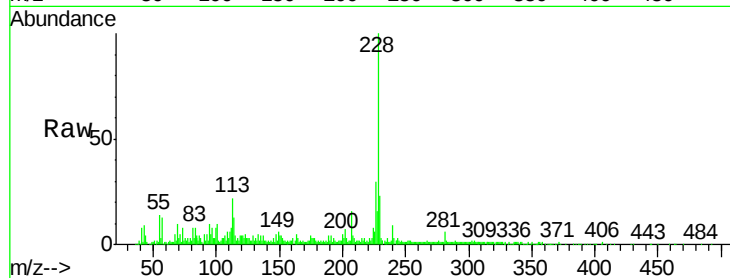
ClientSampleId :

DAC75

Tgt Ion:	228	Resp:	123931
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.5	36.7
229	22.6	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 3.53 ng/ul

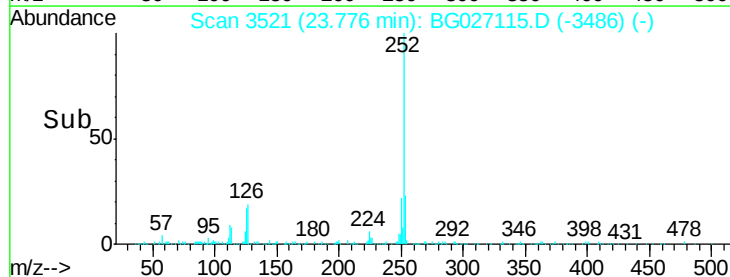
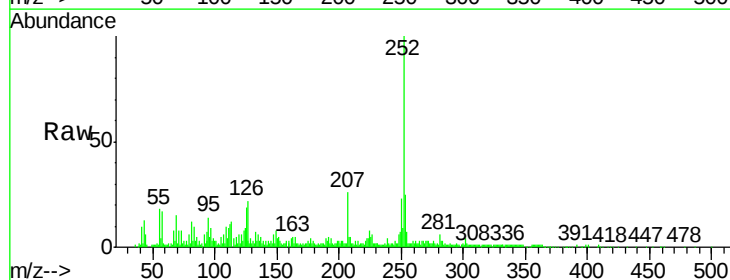
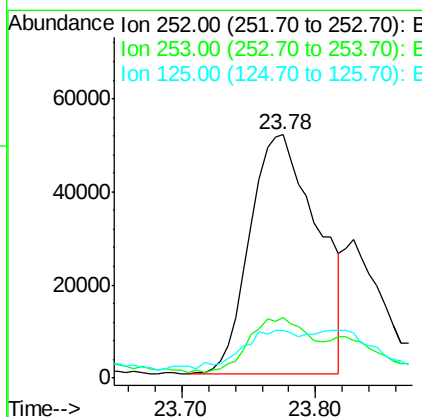
RT: 23.78 min Scan# 3521

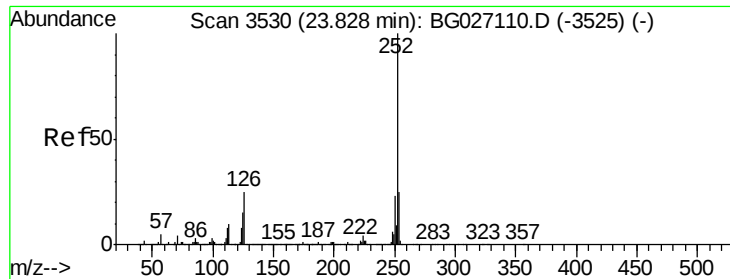
Delta R.T. 0.01 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Tgt Ion:	252	Resp:	180722
Ion Ratio	Lower	Upper	
252	100		
253	24.9	18.0	27.0
125	19.4	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.22 ng/ul m

RT: 23.83 min Scan# 3530

Delta R.T. 0.00 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Instrument :

BNA_G

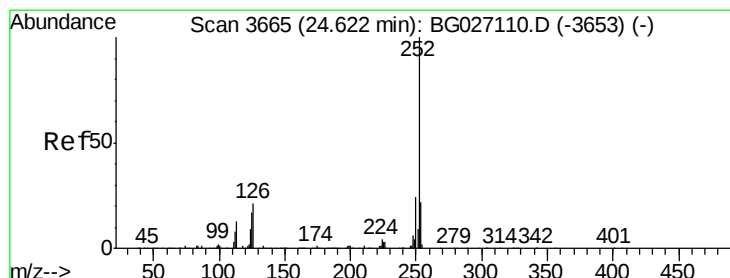
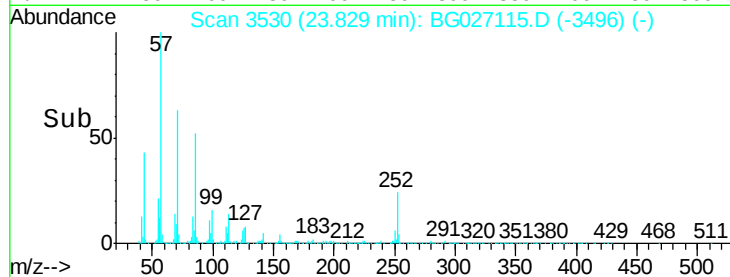
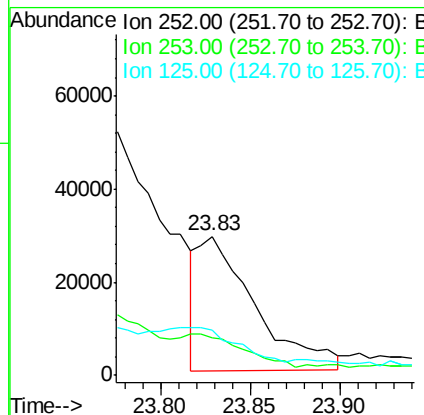
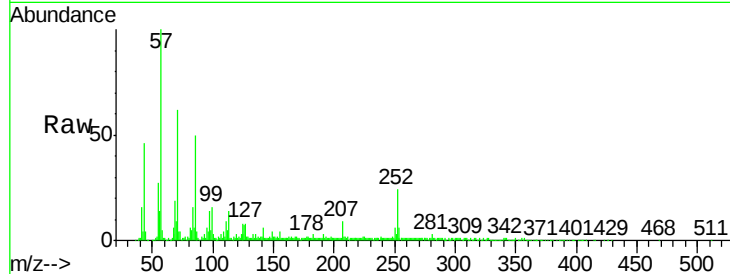
ClientSampleId :

DAC75

Tgt Ion:	252	Resp:	64260
Ion Ratio	Lower	Upper	
252	100		
253	26.9	18.0	27.0
125	32.9	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 1.63 ng/ul

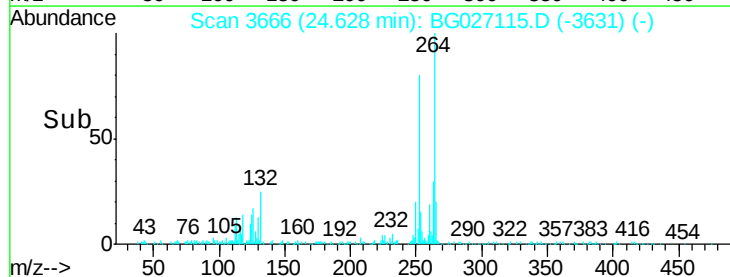
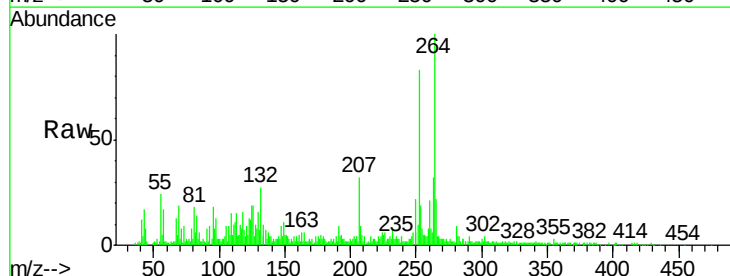
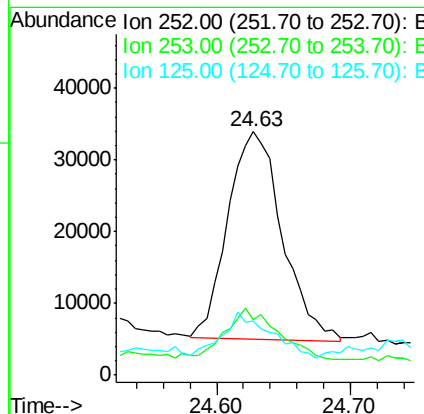
RT: 24.63 min Scan# 3666

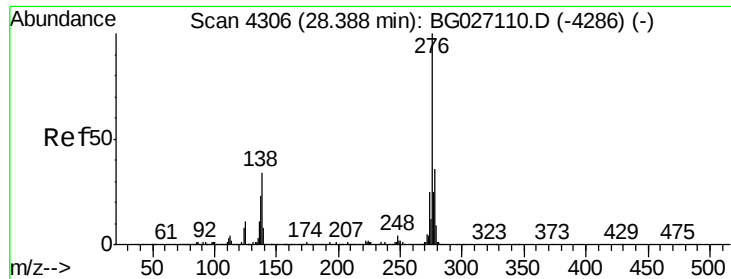
Delta R.T. 0.01 min

Lab File: BG027115.D

Acq: 24 May 2017 4:26

Tgt Ion:	252	Resp:	81716
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.2	25.8
125	22.3	8.2	12.4#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.04 ng/ul m
 RT: 28.39 min Scan# 4306
 Delta R.T. 0.00 min
 Lab File: BG027115.D
 Acq: 24 May 2017 4:26

Instrument :
 BNA_G
 ClientSampleId :
 DAC75

Tgt Ion	Ratio	Lower	Upper
276	100		
138	32.6	14.4	21.6#
277	25.0	18.0	27.0

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