

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
 Data File : BG027039.D
 Acq On : 19 May 2017 14:23
 Operator : SJ/MA
 Sample : I3136-10
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DAC19

Manual Integrations
 APPROVED

mohammad
 5/22/2017 11:05:33 AM

Quant Time: May 19 15:35:33 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG051817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 04:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	208263	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	944978	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	466106	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.35	188	837707	20.00	ng/ul	0.00
17) Chrysene-d12	21.61	240	756015	20.00	ng/ul	0.00
22) Perylene-d12	24.78	264	675862	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	710296	14.86	ng/ul	0.00
10) Fluorene-d10	15.61	176	455461	14.28	ng/ul	0.00
14) Anthracene-d10	17.45	188	642757m	15.74	ng/ul	0.00
18) Pyrene-d10	19.73	212	611194	15.48	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.56	264	492151	14.66	ng/ul	0.02
Target Compounds						
13) Phenanthrene	17.40	178	102607	2.19	ng/ul	Qvalue 97
16) Fluoranthene	19.40	202	220577	4.61	ng/ul#	91
19) Pyrene	19.76	202	198755	4.02	ng/ul#	90
20) Benzo(a)anthracene	21.58	228	105204	2.31	ng/ul#	91
21) Chrysene	21.65	228	104021	2.49	ng/ul#	94
23) Benzo(b)fluoranthene	23.78	252	133269	3.32	ng/ul#	72
24) Benzo(k)fluoranthene	23.82	252	68736m	1.66	ng/ul	
26) Benzo(a)pyrene	24.63	252	79338	2.02	ng/ul#	73

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

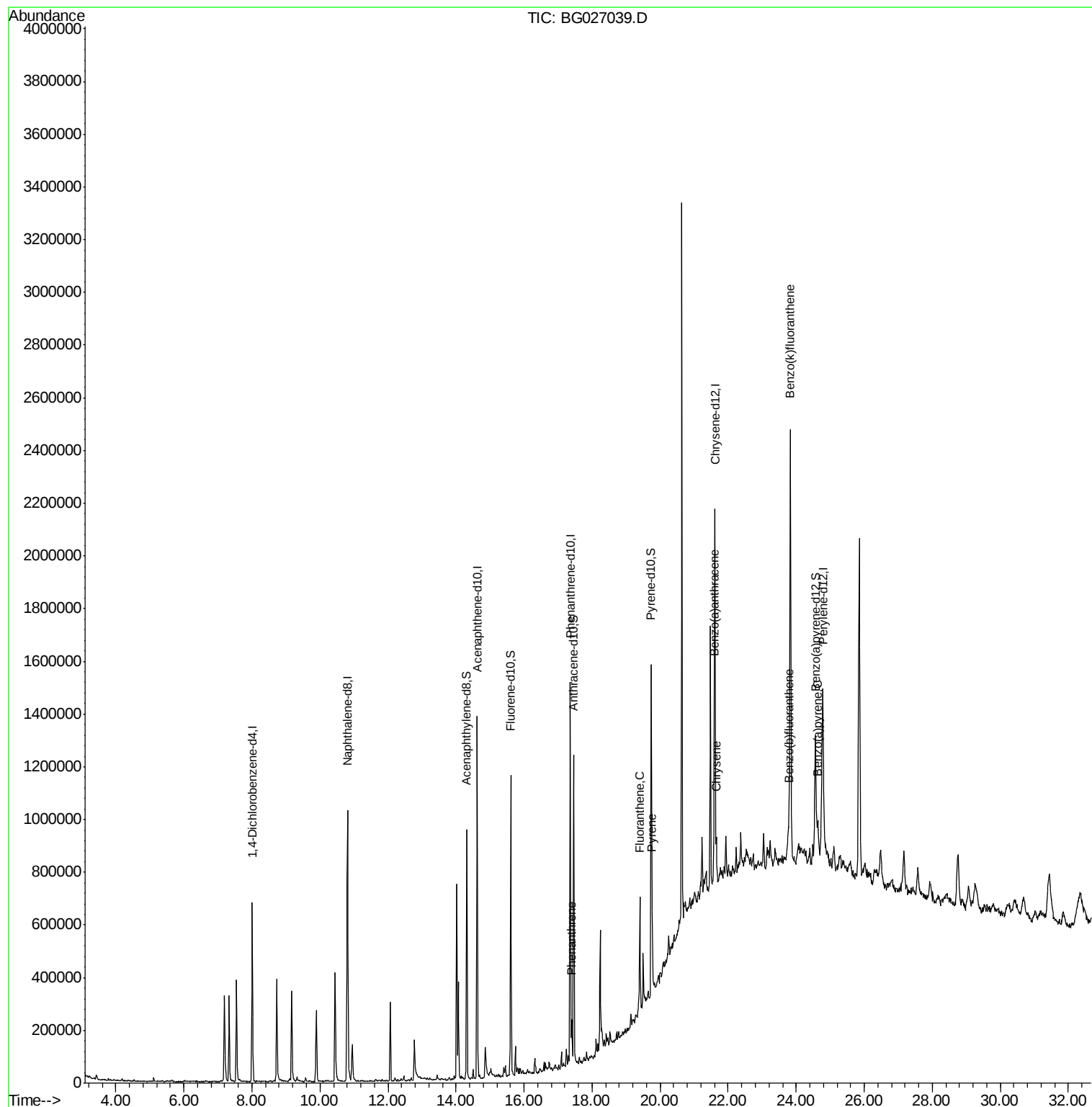
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051817\
Data File : BG027039.D
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ALS Vial : 37 Sample Multiplier: 1

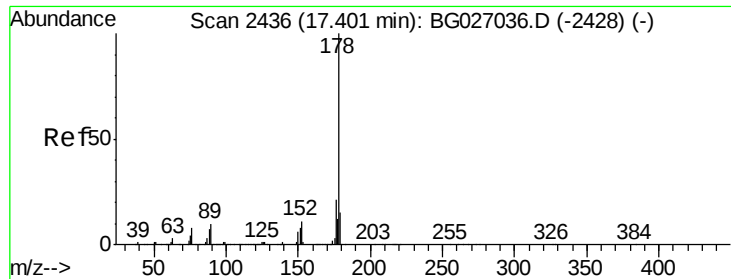
Instrument :
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Response via : Initial Calibration





#13

Phenanthrene

Concen: 2.19 ng/ul

RT: 17.40 min Scan# 2436

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

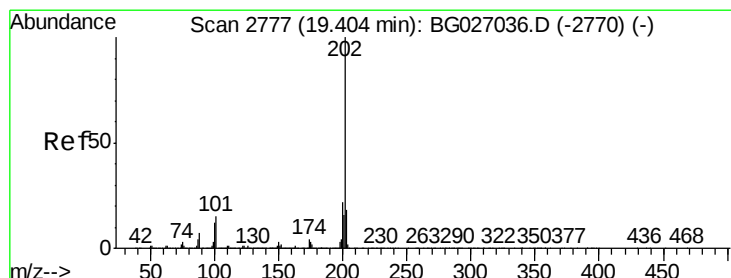
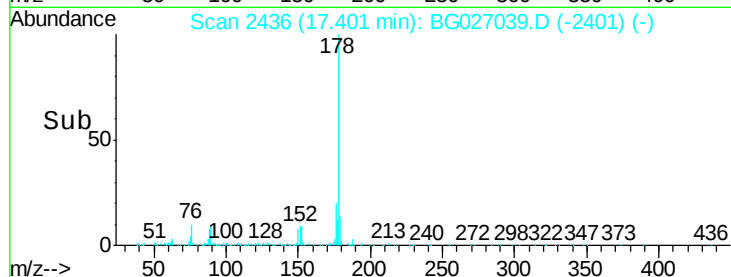
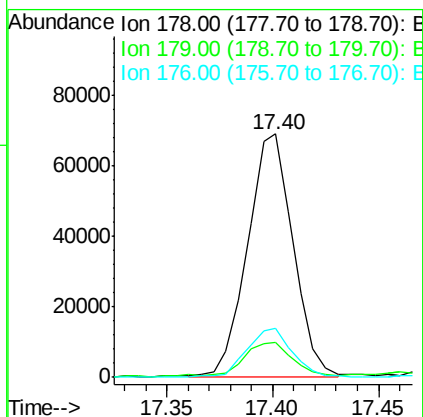
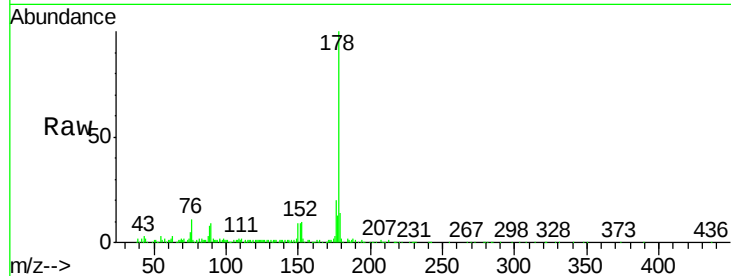
ClientSampleId :

DAC19

Tgt Ion:	178	Resp:	102607
Ion Ratio	Lower	Upper	
178	100		
179	14.3	12.3	18.5
176	20.4	15.1	22.7

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#16

Fluoranthene

Concen: 4.61 ng/ul

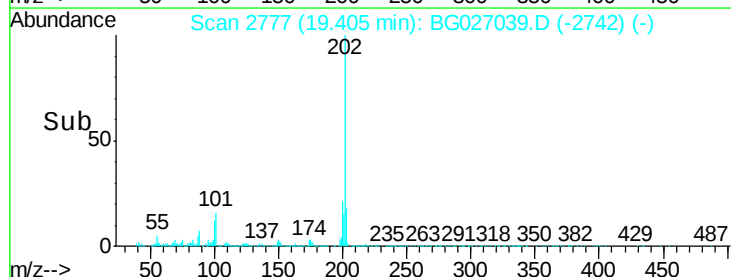
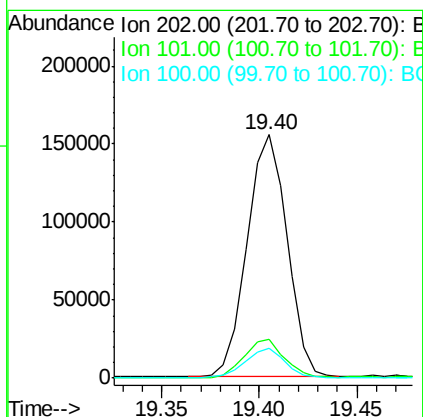
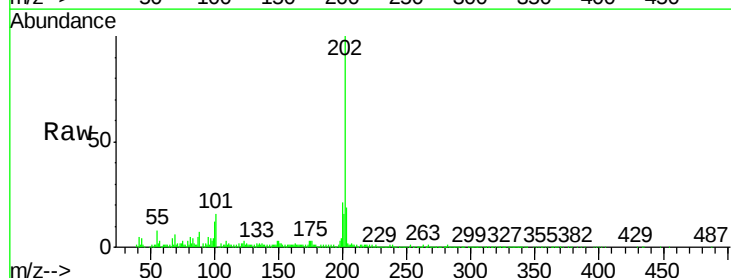
RT: 19.40 min Scan# 2777

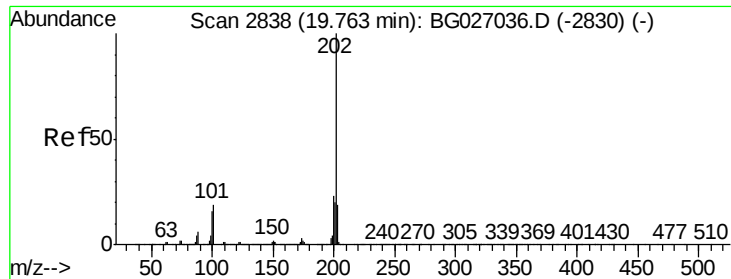
Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Tgt Ion:	202	Resp:	220577
Ion Ratio	Lower	Upper	
202	100		
101	16.2	9.9	14.9#
100	12.1	7.4	11.0#





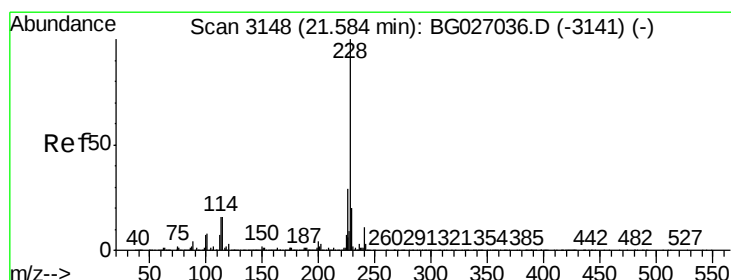
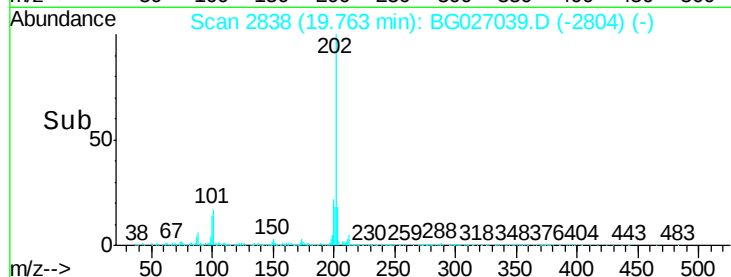
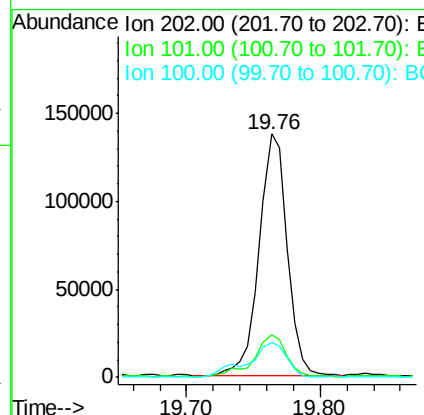
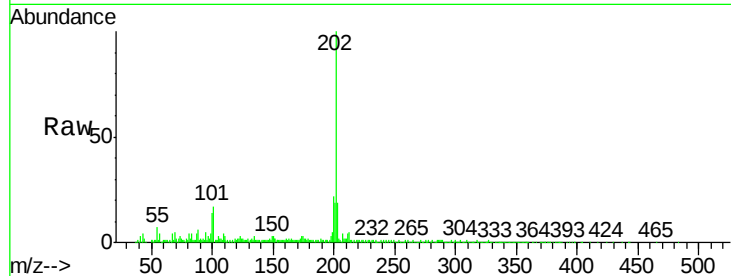
#19
Pyrene
Concen: 4.02 ng/ul
RT: 19.76 min Scan# 2838
Delta R.T. 0.00 min
Lab File: BG027039.D
Acq: 19 May 2017 14:23

Instrument :
BNA_G
ClientSampleId :
DAC19

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	17.4	11.0	16.4#
100	14.2	8.1	12.1#

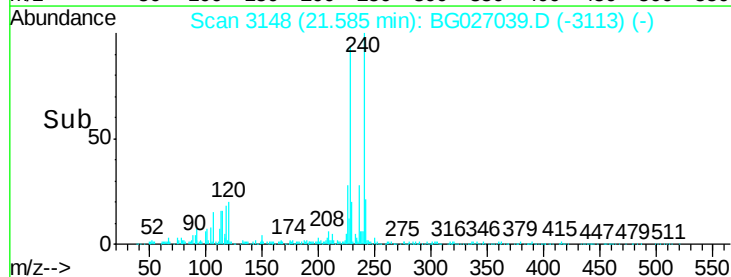
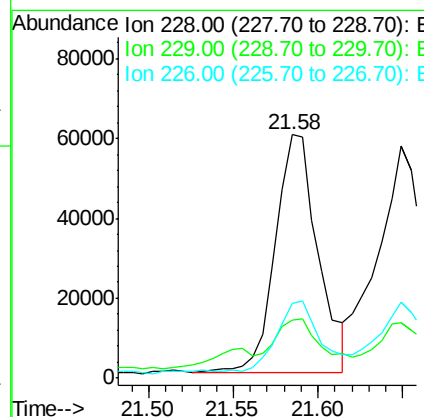
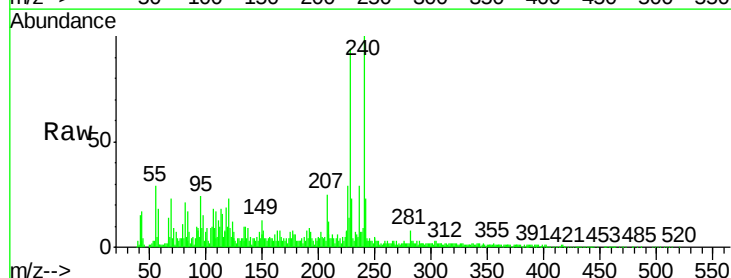
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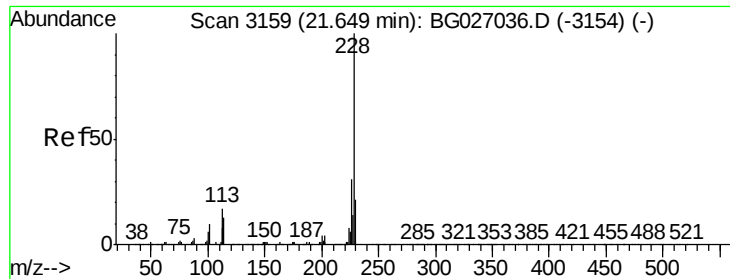
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#20
Benzo(a)anthracene
Concen: 2.31 ng/ul
RT: 21.58 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BG027039.D
Acq: 19 May 2017 14:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.8	15.7	23.5#
226	30.7	21.1	31.7





#21

Chrysene

Concen: 2.49 ng/ul

RT: 21.65 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

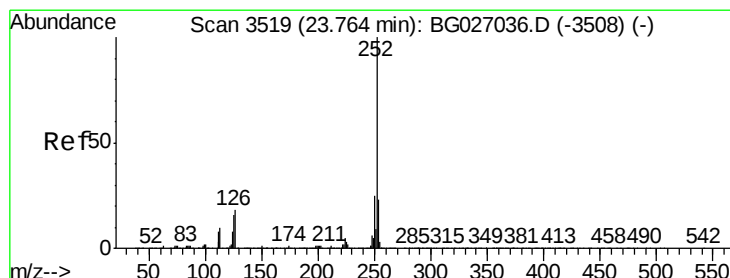
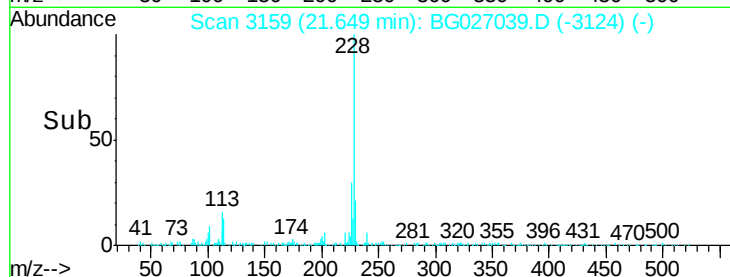
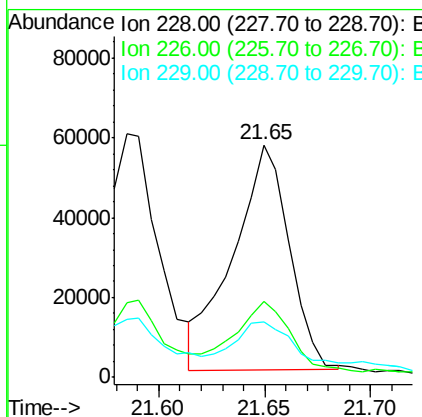
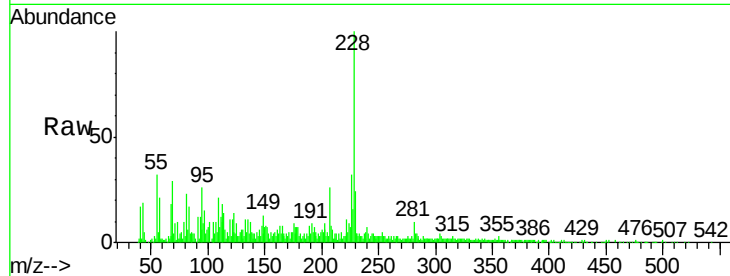
ClientSampleId :

DAC19

Tgt Ion:	228	Resp:	104021
Ion Ratio		Lower	Upper
228	100		
226	32.4	24.5	36.7
229	23.9	15.8	23.8#

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#23

Benzo(b)fluoranthene

Concen: 3.32 ng/ul

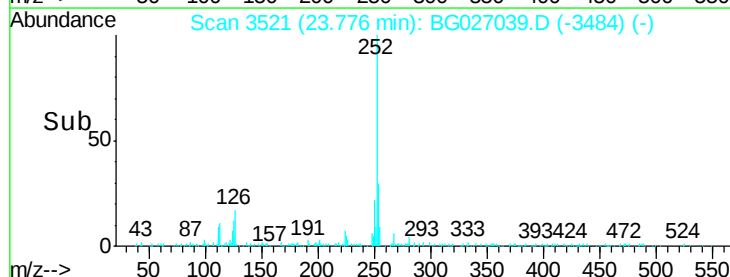
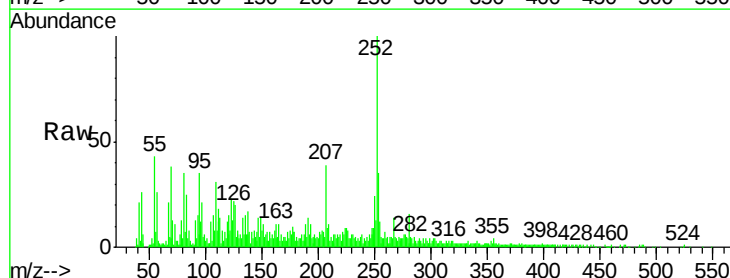
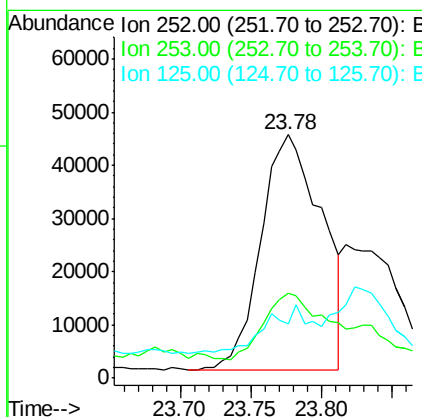
RT: 23.78 min Scan# 3521

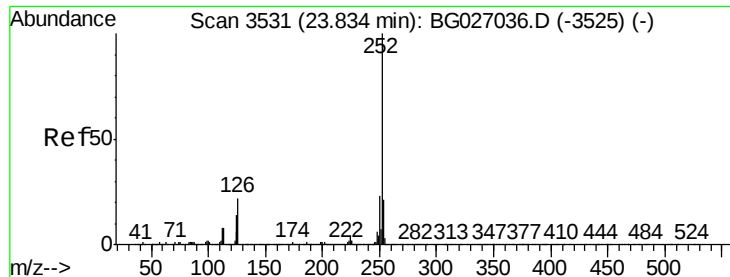
Delta R.T. 0.02 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Tgt Ion:	252	Resp:	133269
Ion Ratio		Lower	Upper
252	100		
253	35.0	18.0	27.0#
125	22.1	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 1.66 ng/ul m

RT: 23.82 min Scan# 3528

Delta R.T. -0.00 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Instrument :

BNA_G

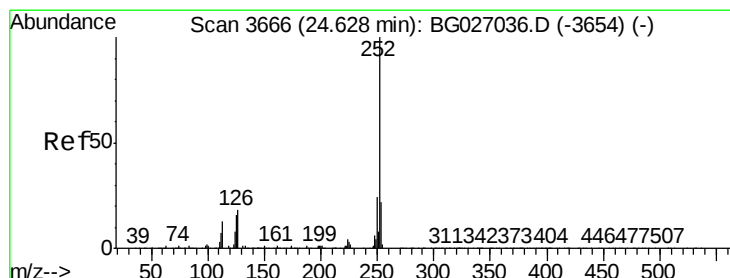
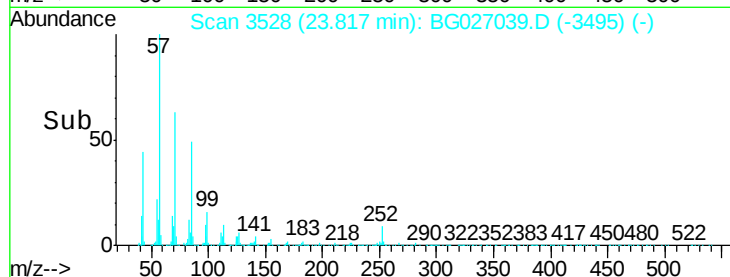
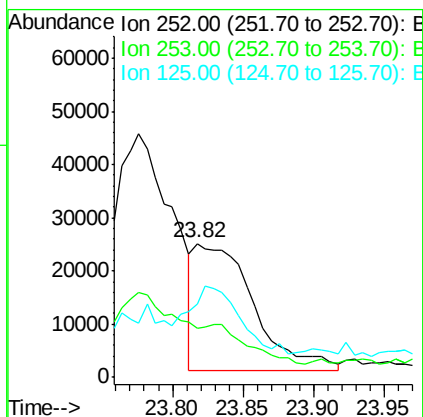
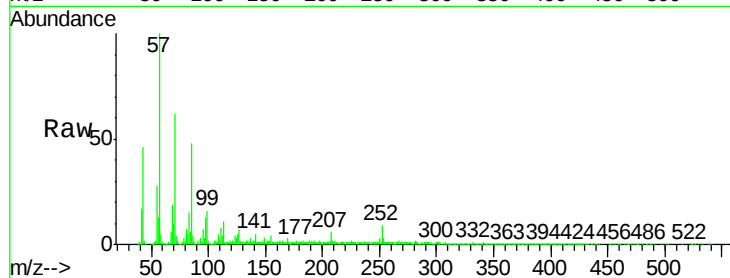
ClientSampleId :

DAC19

Tgt Ion:	252	Resp:	68736
Ion Ratio	Lower	Upper	
252	100		
253	36.2	18.0	27.0#
125	54.4	8.1	12.1#

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#26

Benzo(a)pyrene

Concen: 2.02 ng/ul

RT: 24.63 min Scan# 3667

Delta R.T. 0.02 min

Lab File: BG027039.D

Acq: 19 May 2017 14:23

Tgt Ion:	252	Resp:	79338
Ion Ratio	Lower	Upper	
252	100		
253	27.6	17.2	25.8#
125	31.3	8.2	12.4#

