Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG052617\
Data File : BG027159.D
Acq On : 25 May 2017 11:13
Operator : SJ/MA
Sample : I3279-11
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Jun 01 12:23:09 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

Instrument :
BNA_G
ClientSampleId :
DACB5

Manual Integrations APPROVED
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5/26/2017 11:56:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	183628	20.00	ng/ul	0.00
2) Naphthalene-d8	10.81	136	839630	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.62	164	428447	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.37	188	794595	20.00	ng/ul	0.00
17) Chrysene-d12	21.62	240	711638	20.00	ng/ul	0.00
22) Perylene-d12	24.81	264	545215	20.00	ng/ul	0.03
System Monitoring Compounds						
7) Acenaphthylene-d8	14.32	160	979995	22.30	ng/ul	0.00
10) Fluorene-d10	15.62	176	625584	21.34	ng/ul	0.00
14) Anthracene-d10	17.46	188	842509m	21.75	ng/ul	0.00
18) Pyrene-d10	19.75	212	809053	21.77	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.59	264	598984	22.11	ng/ul	0.02
Target Compounds						Qvalue
13) Phenanthrene	17.41	178	207845	4.68	ng/ul	100
16) Fluoranthene	19.41	202	352300	7.76	ng/ul#	92
19) Pyrene	19.78	202	309038	6.64	ng/ul#	89
20) Benzo(a)anthracene	21.60	228	161725	3.77	ng/ul#	90
21) Chrysene	21.66	228	190690m	4.84	ng/ul	
23) Benzo(b)fluoranthene	23.80	252	205514	6.34	ng/ul#	85
24) Benzo(k)fluoranthene	23.86	252	104345m	3.13	ng/ul	
26) Benzo(a)pyrene	24.65	252	116863	3.69	ng/ul#	76

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

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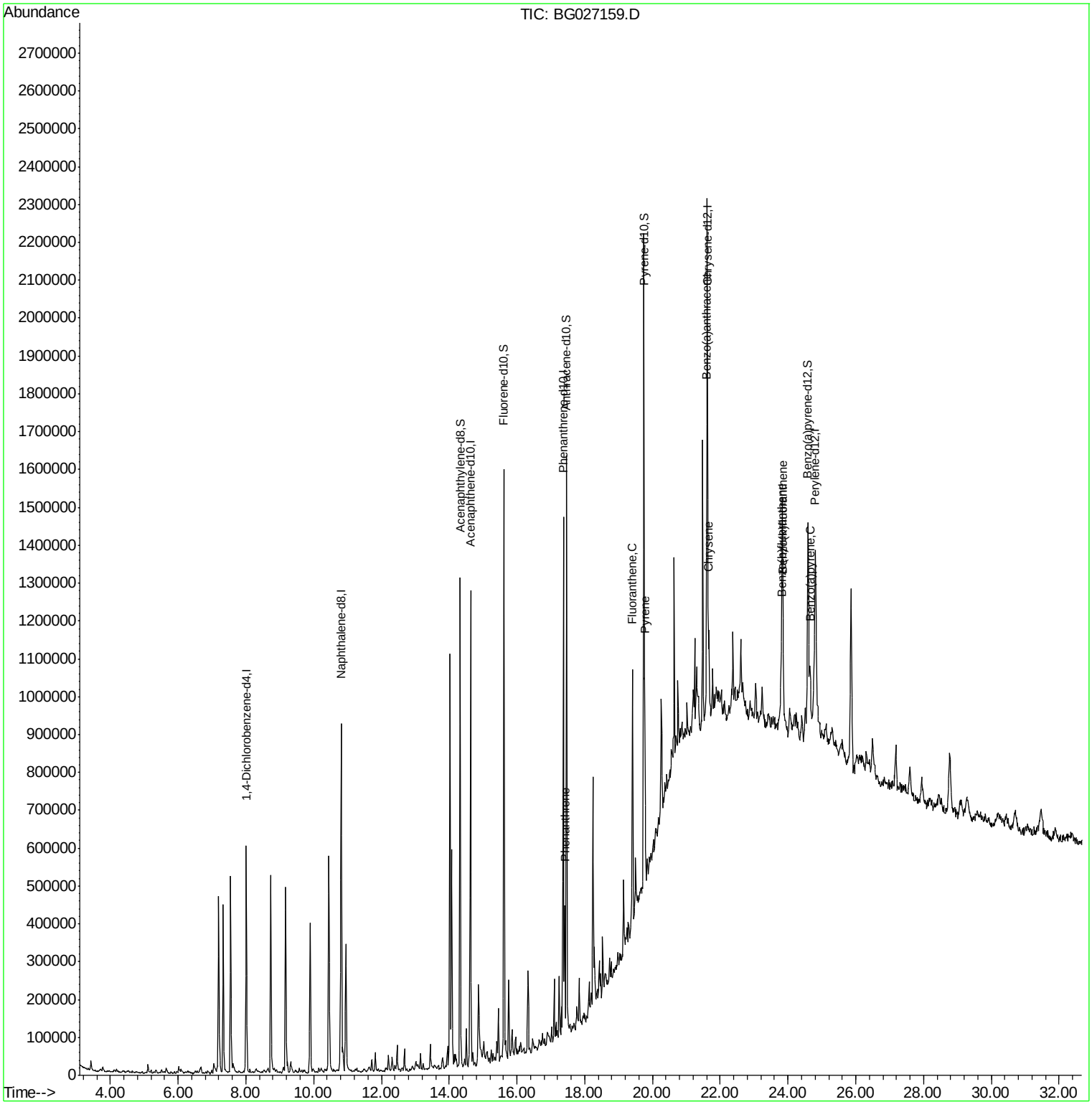
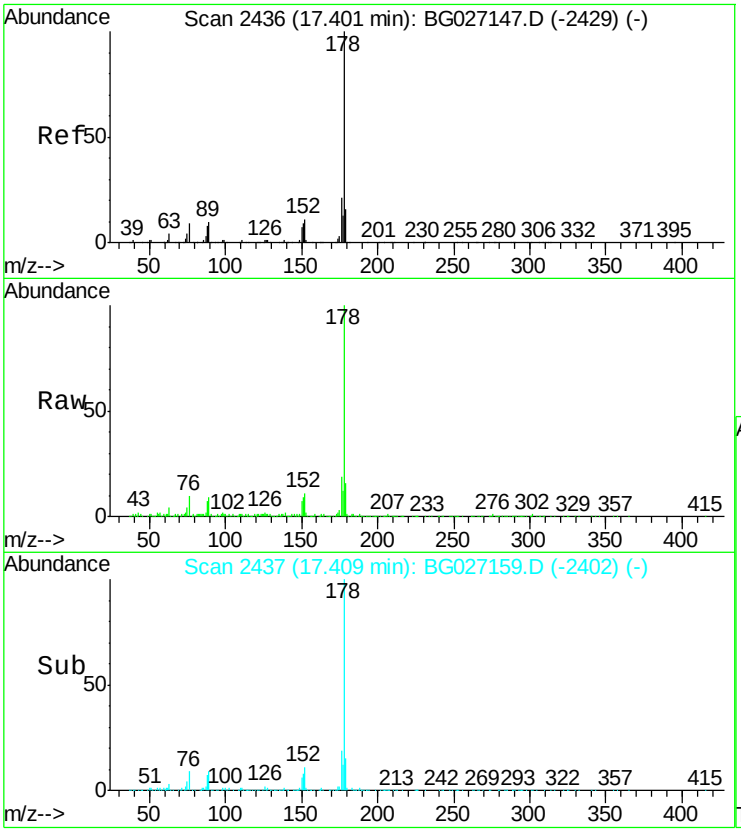
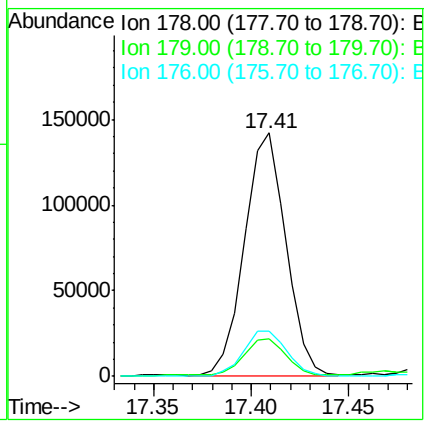




#13
Phenanthrene
Concen: 4.68 ng/ul
RT: 17.41 min Scan# 2437
Delta R.T. 0.01 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:178 Resp: 207845

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	18.8	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DACB5

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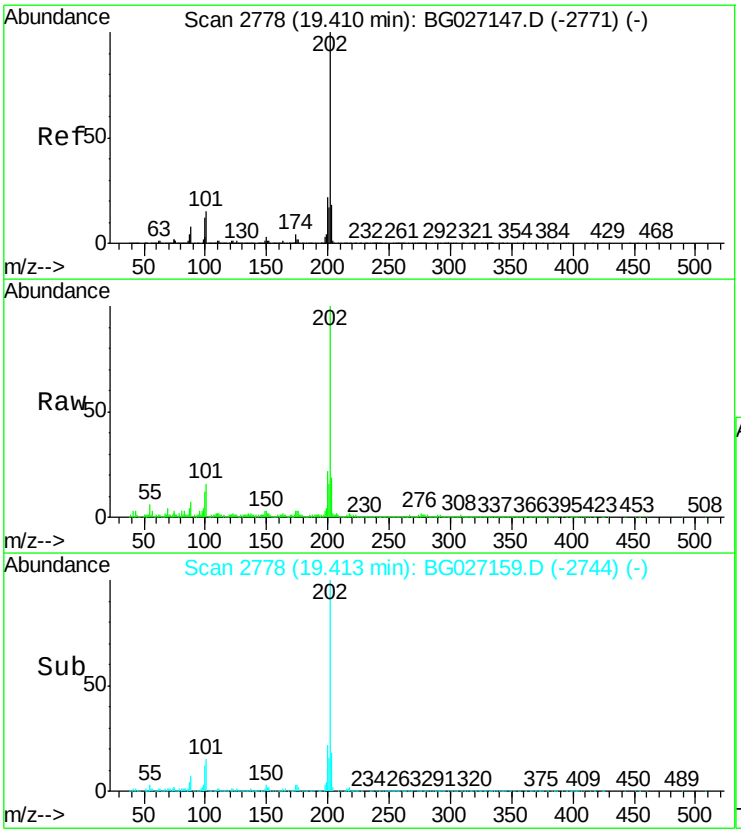
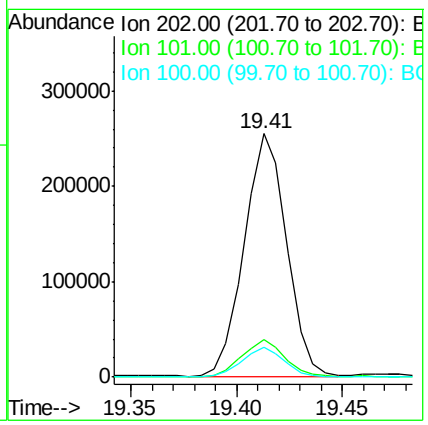
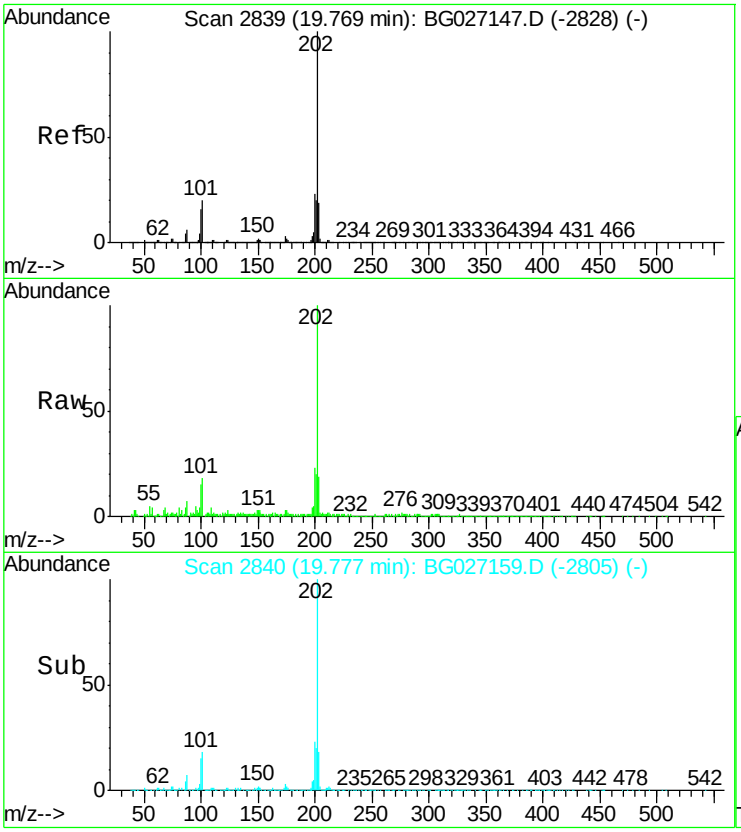


#16
Fluoranthene
Concen: 7.76 ng/ul
RT: 19.41 min Scan# 2778
Delta R.T. 0.00 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:202 Resp: 352300

Ion	Ratio	Lower	Upper
202	100		
101	15.7	9.9	14.9#
100	12.2	7.4	11.0#





#19
Pyrene
Concen: 6.64 ng/ul
RT: 19.78 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:202 Resp: 309038

Ion	Ratio	Lower	Upper
202	100		
101	17.8	11.0	16.4#
100	14.9	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DACB5

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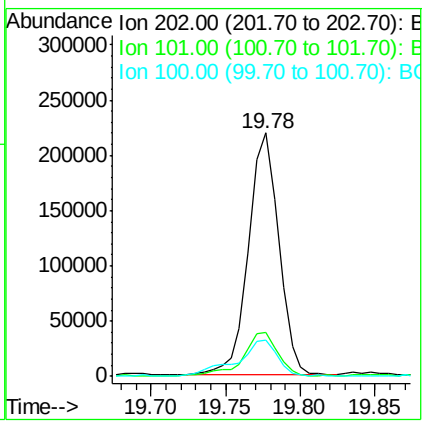
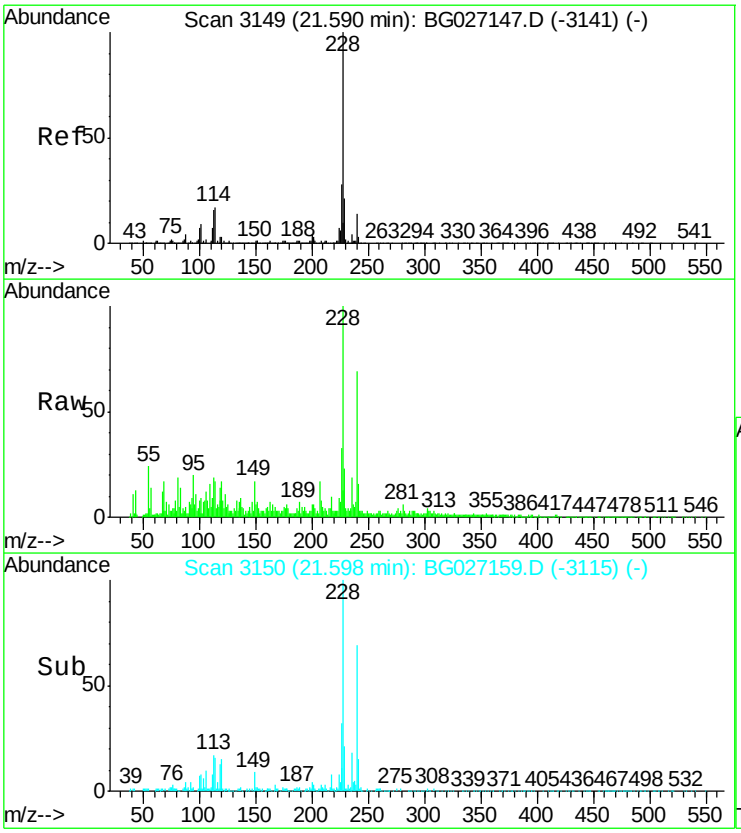
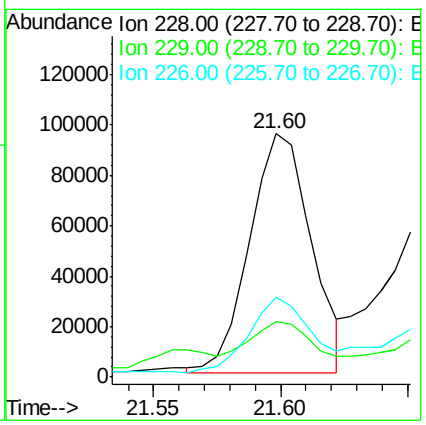


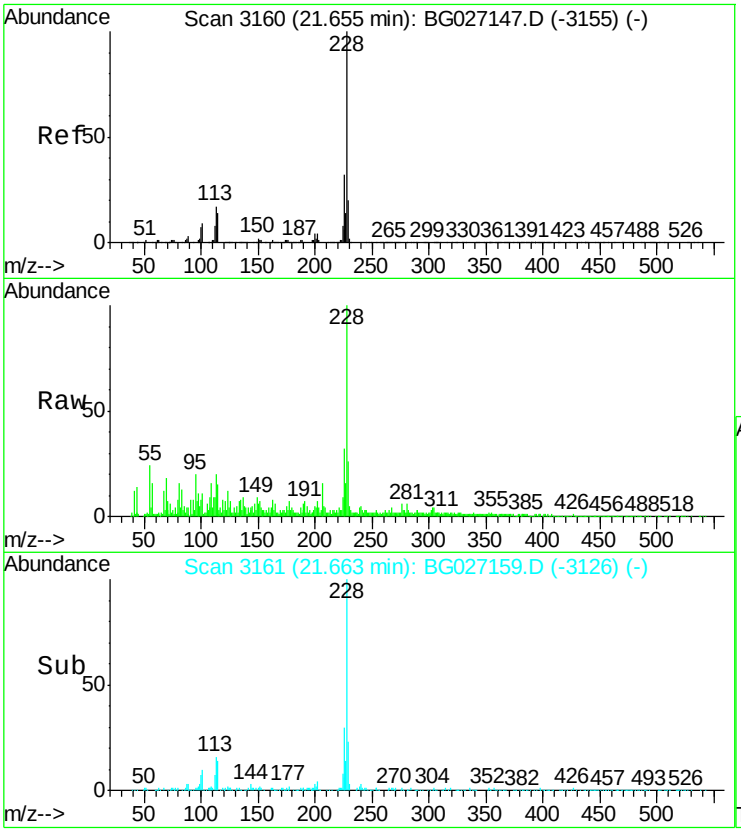


#20
Benzo(a)anthracene
Concen: 3.77 ng/ul
RT: 21.60 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:228 Resp: 161725

Ion	Ratio	Lower	Upper
228	100		
229	23.0	15.7	23.5
226	32.6	21.1	31.7#





#21
Chrysene
Concen: 4.84 ng/ul m
RT: 21.66 min Scan# 3161
Delta R.T. 0.01 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:228 Resp: 190690

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.5	36.7
229	25.7	15.8	23.8#

Instrument :
BNA_G
ClientSampleId :
DACB5

Manual Integrations APPROVED
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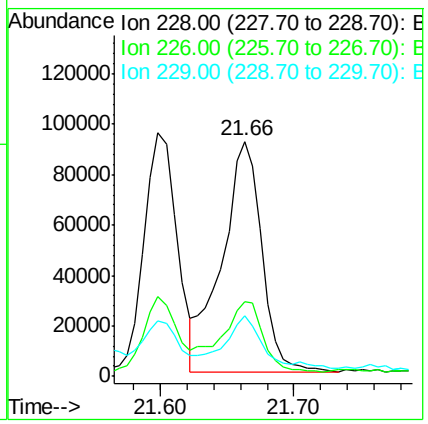
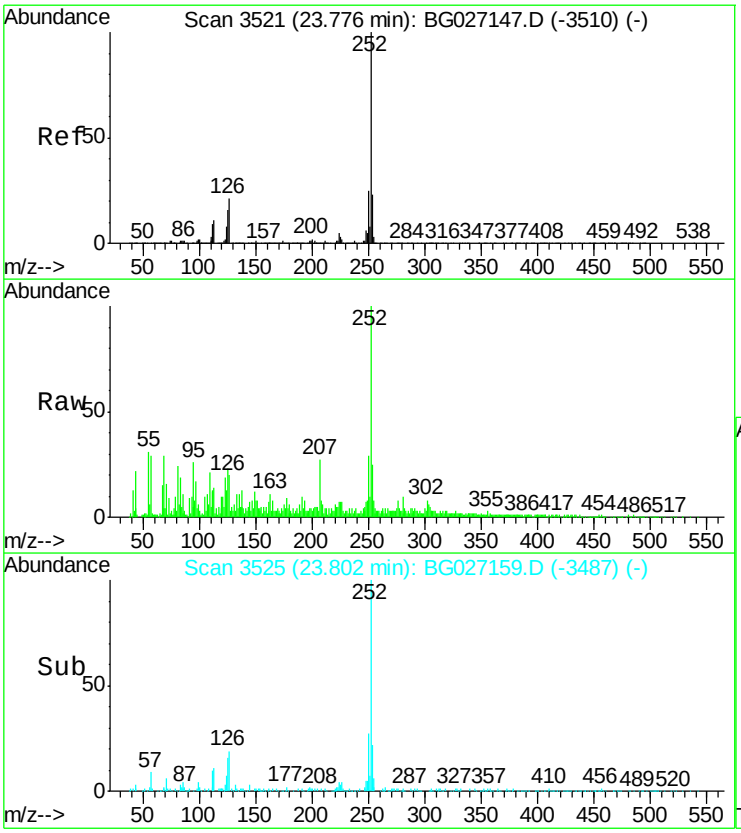
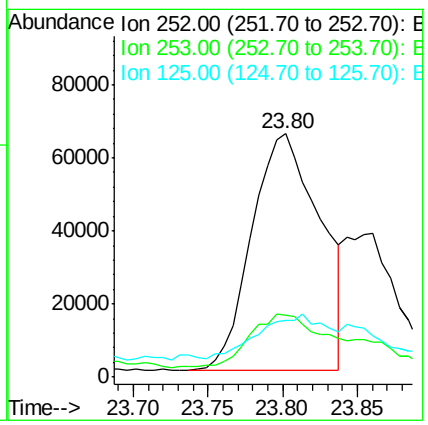


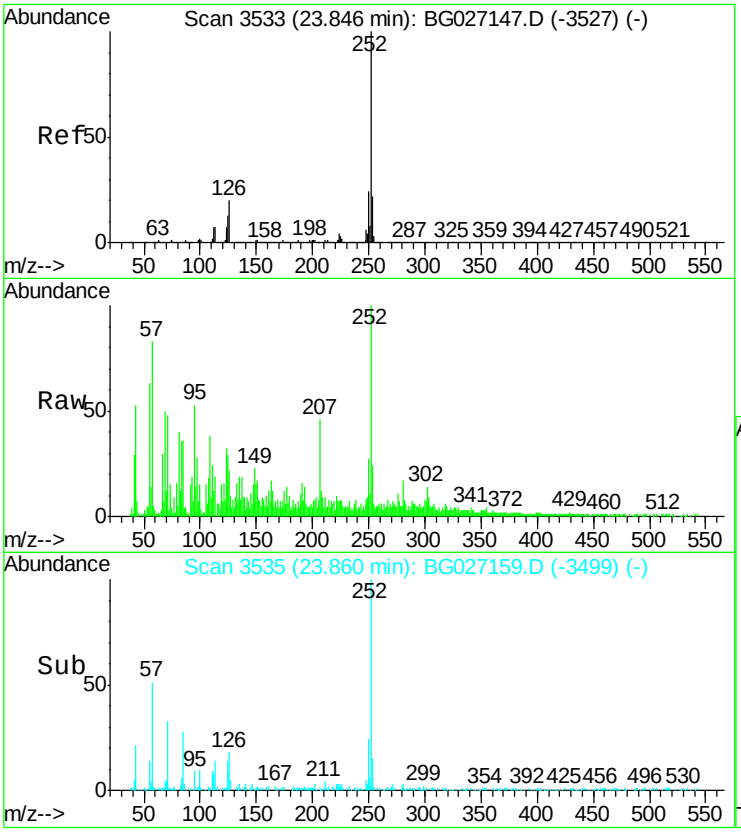


#23
Benzo(b)fluoranthene
Concen: 6.34 ng/ul
RT: 23.80 min Scan# 3525
Delta R.T. 0.03 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:252 Resp: 205514

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	23.1	8.0	12.0#

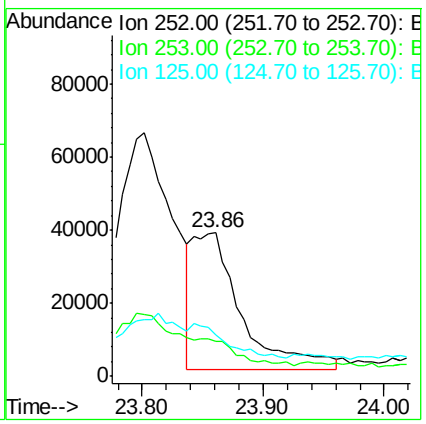




#24
Benzo(k)fluoranthene
Concen: 3.13 ng/ul m
RT: 23.86 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:252 Resp: 104345

Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.0	27.0
125	29.0	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DACB5

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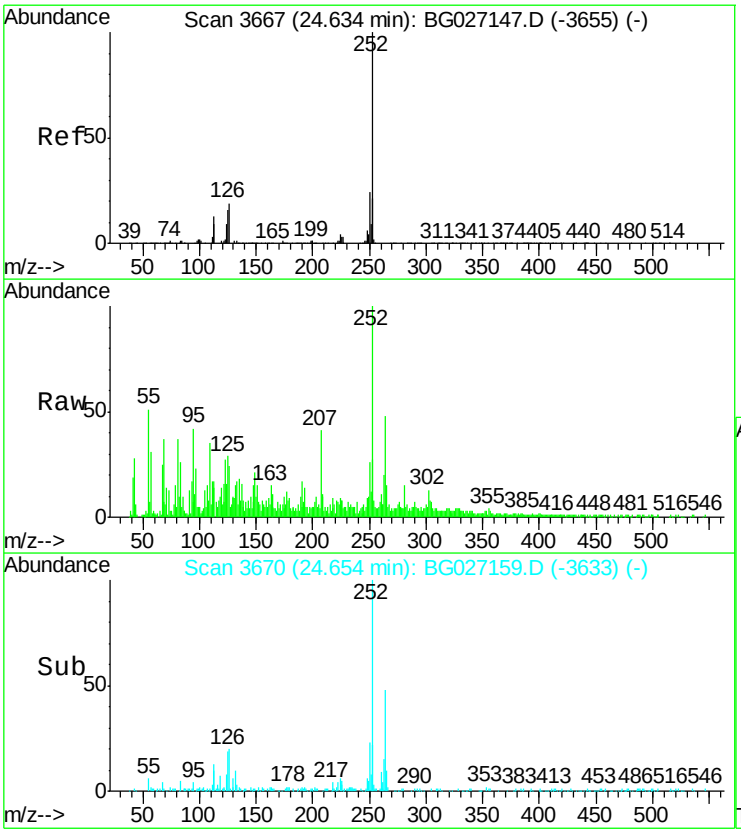

#26
Benzo(a)pyrene
Concen: 3.69 ng/ul
RT: 24.65 min Scan# 3670
Delta R.T. 0.02 min
Lab File: BG027159.D
Acq: 25 May 2017 11:13

Tgt Ion:252 Resp: 116863

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.2	25.8#
125	28.6	8.2	12.4#