Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100917\
Data File : BG029111.D
Acq On : 9 Oct 2017 17:17
Operator : SJ/JU
Sample : I5579-03
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DAHB7

Manual Integrations APPROVED
Sohil
10/10/2017 5:03:39 PM

Quant Time: Oct 10 05:52:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG100717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 04:45:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	53482	20.00	ng/ul	0.00
2) Naphthalene-d8	11.03	136	245082	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.83	164	164461	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.56	188	374619	20.00	ng/ul	0.00
17) Chrysene-d12	21.84	240	382217	20.00	ng/ul	0.00
22) Perylene-d12	25.18	264	399775	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.52	160	373345	21.83	ng/ul	0.00
10) Fluorene-d10	15.81	176	290021	23.38	ng/ul	0.00
14) Anthracene-d10	17.66	188	418120	23.04	ng/ul	0.00
18) Pyrene-d10	19.93	212	464850	23.77	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.96	264	445990	23.29	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.60	178	65655	3.286	ng/ul	97
16) Fluoranthene	19.60	202	147102	6.280	ng/ul#	92
19) Pyrene	19.96	202	128272	5.384	ng/ul#	91
20) Benzo(a)anthracene	21.82	228	77203	3.430	ng/ul	93
21) Chrysene	21.89	228	97518	4.731	ng/ul	98
23) Benzo(b)fluoranthene	24.12	252	135997	5.686	ng/ul	94
24) Benzo(k)fluoranthene	24.18	252	39845m	1.707	ng/ul	
26) Benzo(a)pyrene	25.02	252	87384	3.762	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	29.00	276	74129	2.812	ng/ul#	91
28) Dibenzo(a,h)anthracene	29.06	278	22365	1.025	ng/ul#	89
29) Benzo(g,h,i)perylene	30.20	276	68920	3.170	ng/ul#	94

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

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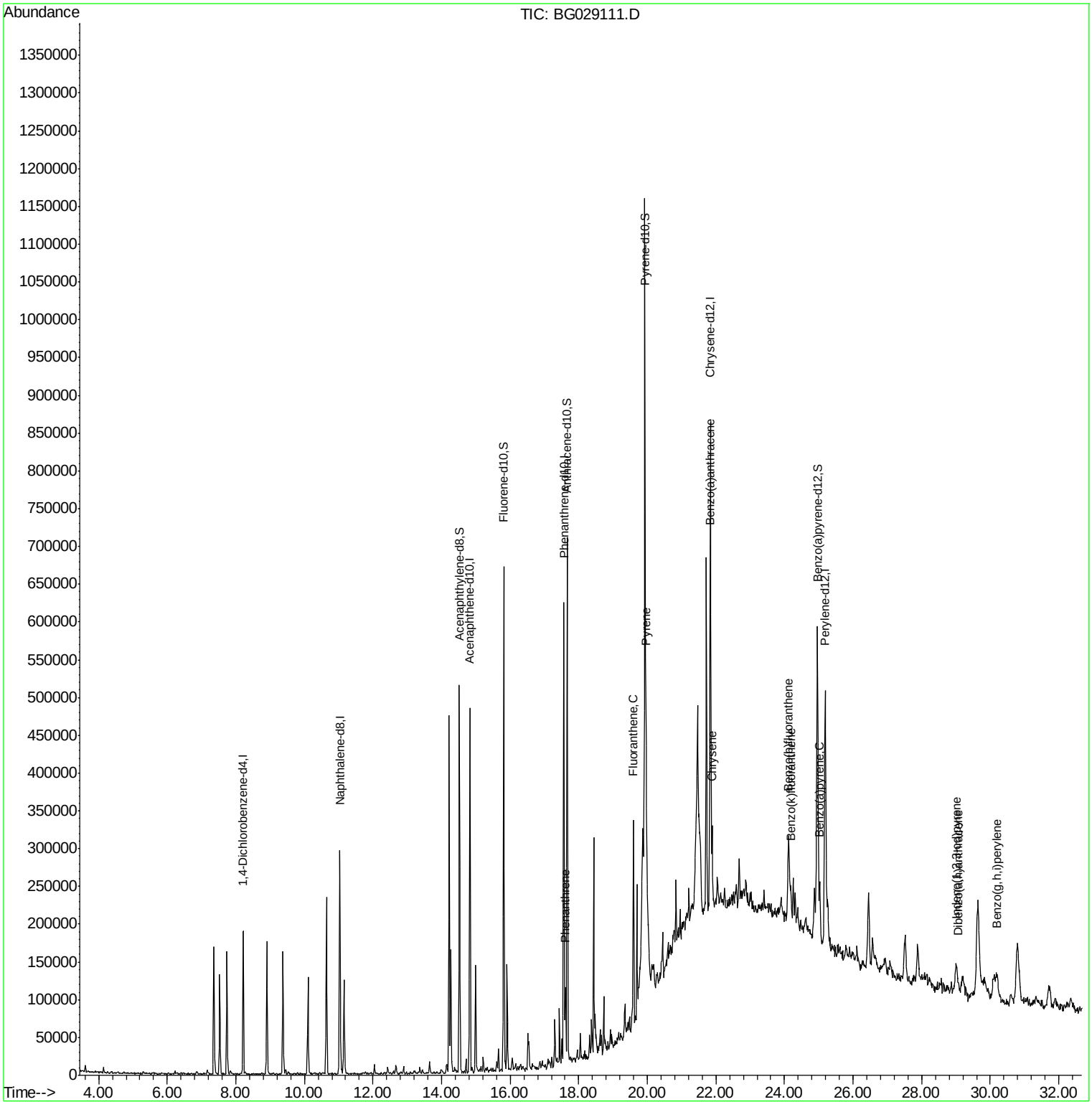
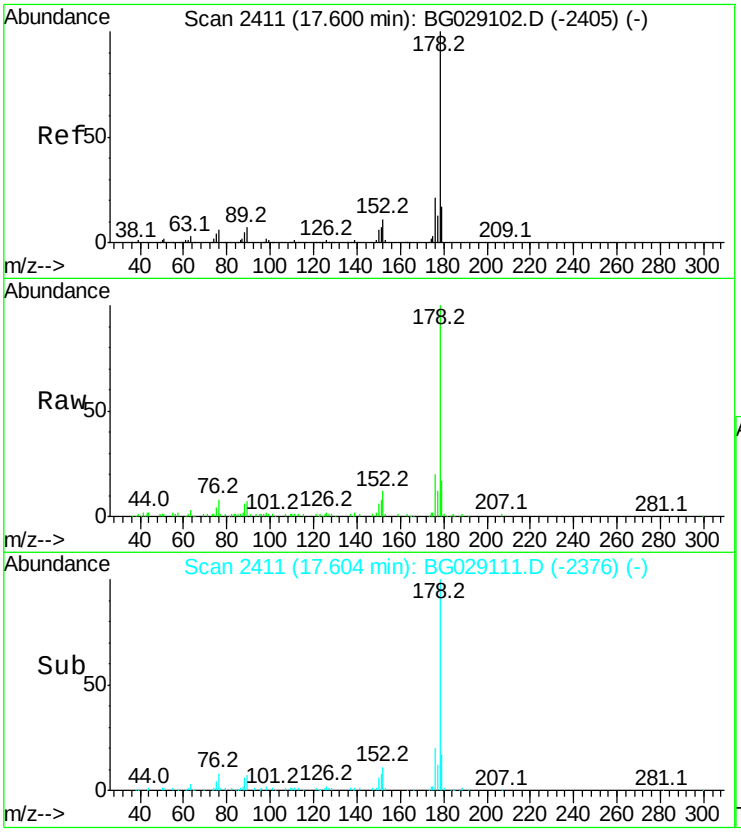
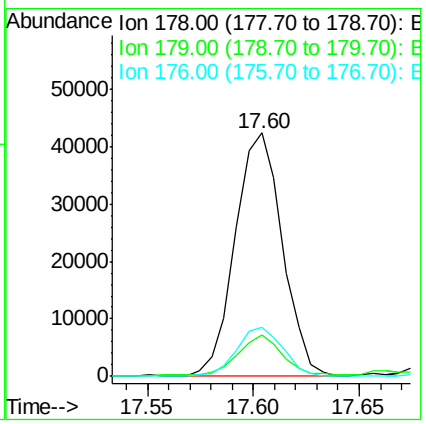




#13
Phenanthrene
Concen: 3.286 ng/ul
RT: 17.60 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:178 Resp: 65655

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	20.1	15.1	22.7



Instrument :
BNA_G
ClientSampleId :
DAHB7

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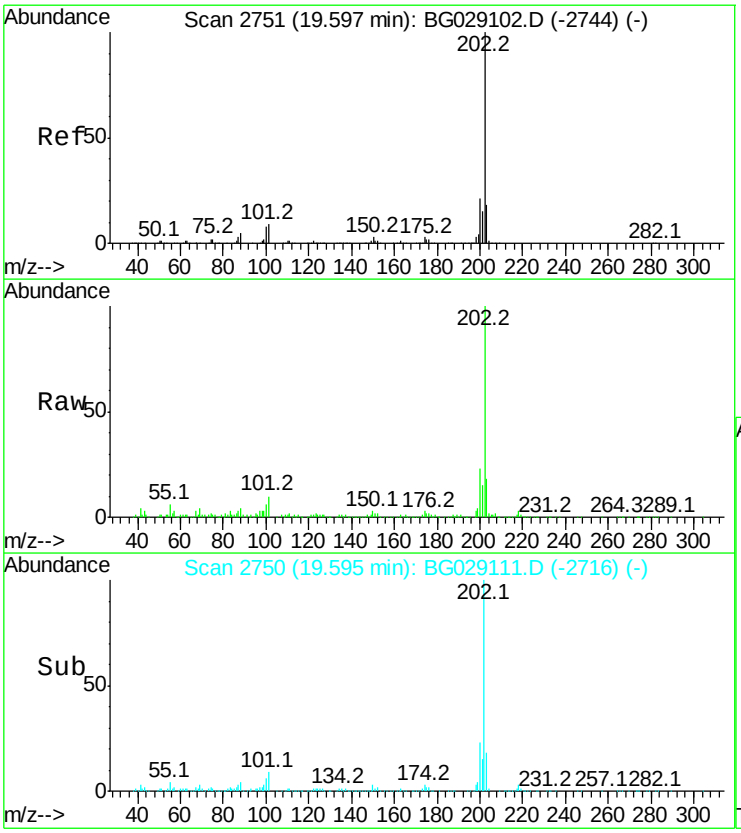
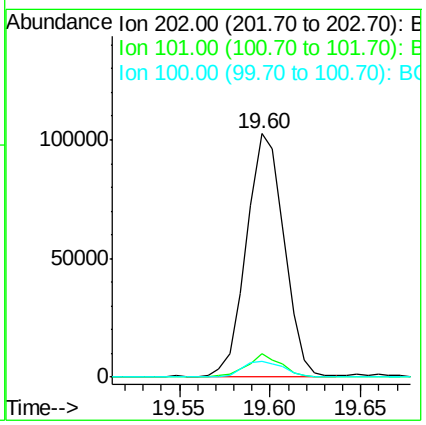
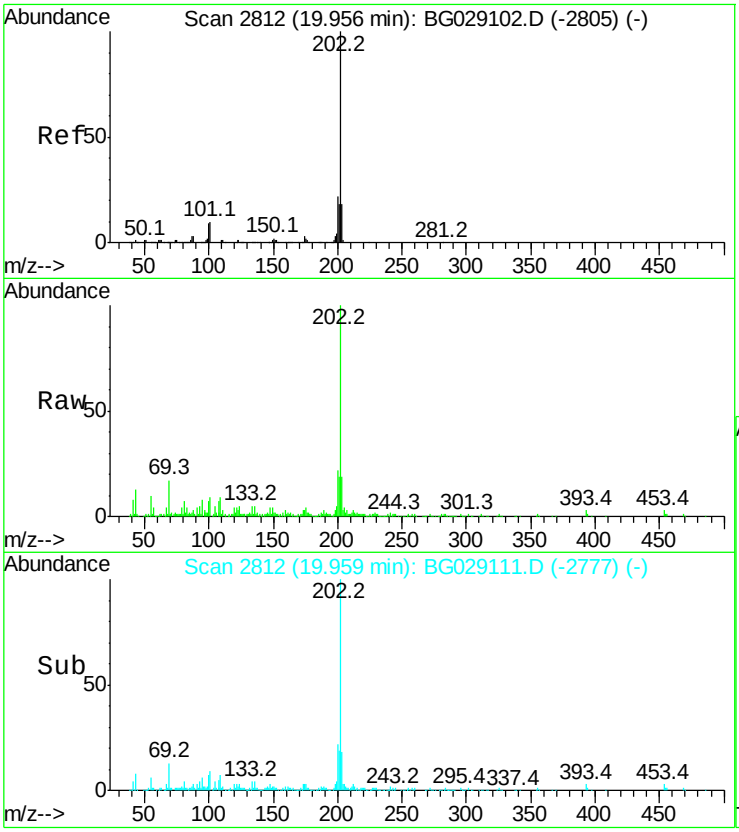


#16
Fluoranthene
Concen: 6.280 ng/ul
RT: 19.60 min Scan# 2750
Delta R.T. -0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:202 Resp: 147102

Ion	Ratio	Lower	Upper
202	100		
101	9.6	9.9	14.9#
100	6.3	7.4	11.0#





#19
Pyrene
Concen: 5.384 ng/ul
RT: 19.96 min Scan# 2812
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:202 Resp: 128272

Ion	Ratio	Lower	Upper
202	100		
101	9.4	11.0	16.4#
100	7.2	8.1	12.1#

Instrument :
BNA_G
ClientSampleId :
DAHB7

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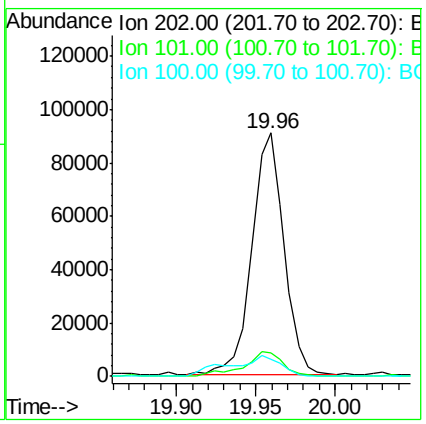
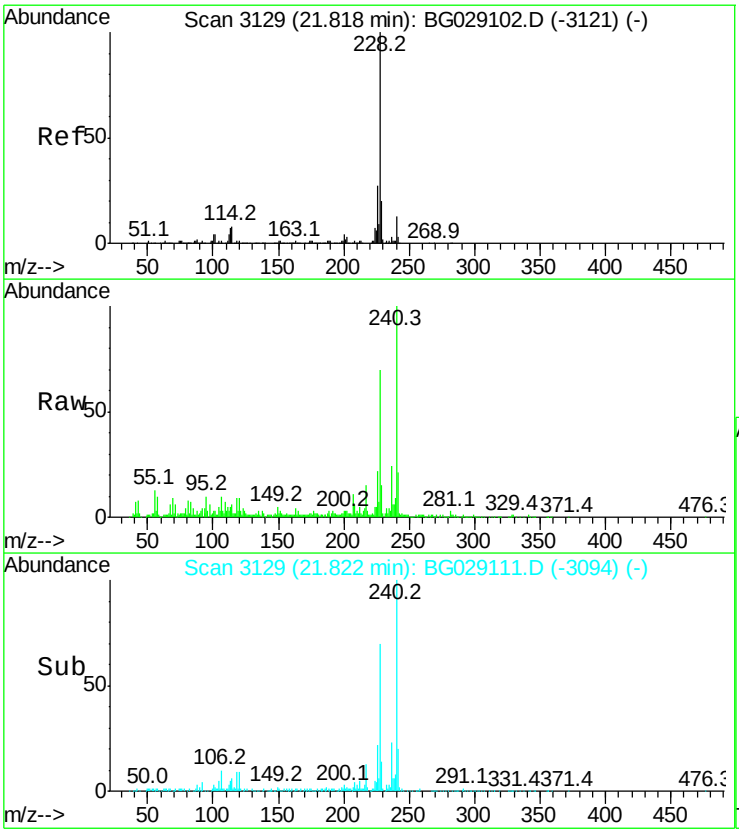
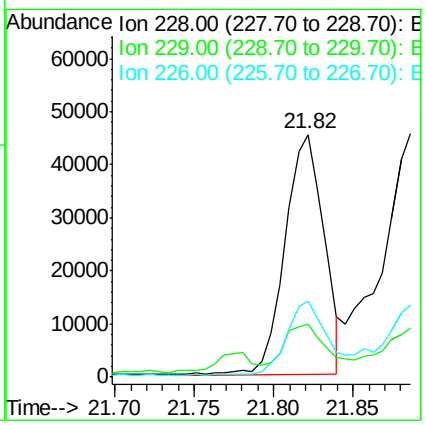


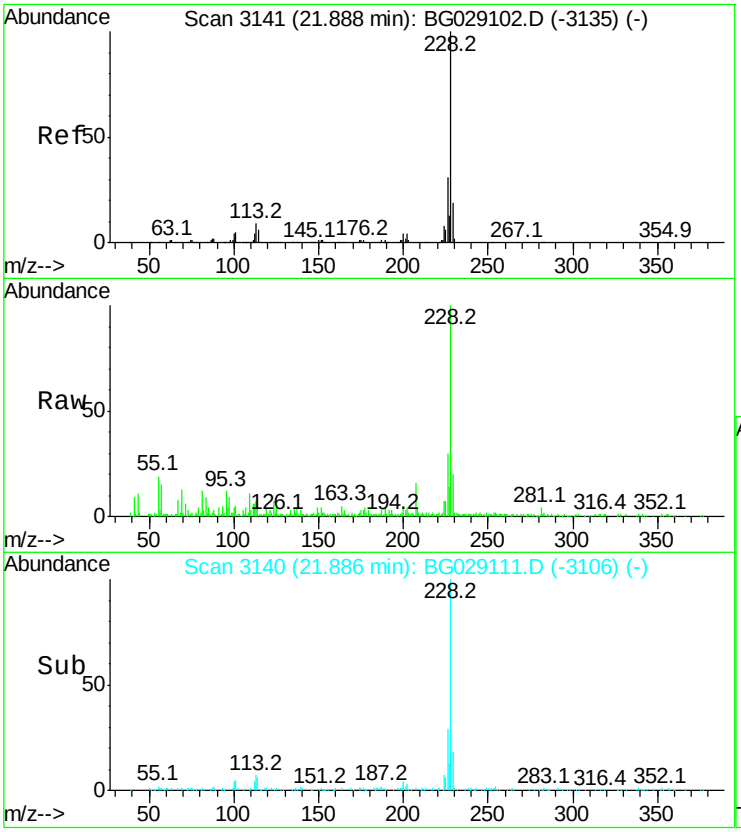


#20
Benzo(a)anthracene
Concen: 3.430 ng/ul
RT: 21.82 min Scan# 3129
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:228 Resp: 77203

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.7	23.5
226	31.2	21.1	31.7

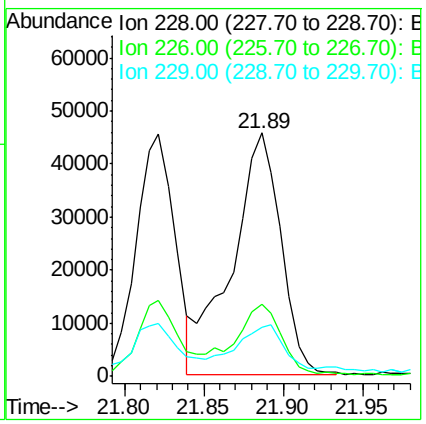




#21
Chrysene
Concen: 4.731 ng/ul
RT: 21.89 min Scan# 3140
Delta R.T. -0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:228 Resp: 97518

Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.5	36.7
229	20.2	15.8	23.8



Instrument :
BNA_G
ClientSampleId :
DAHB7

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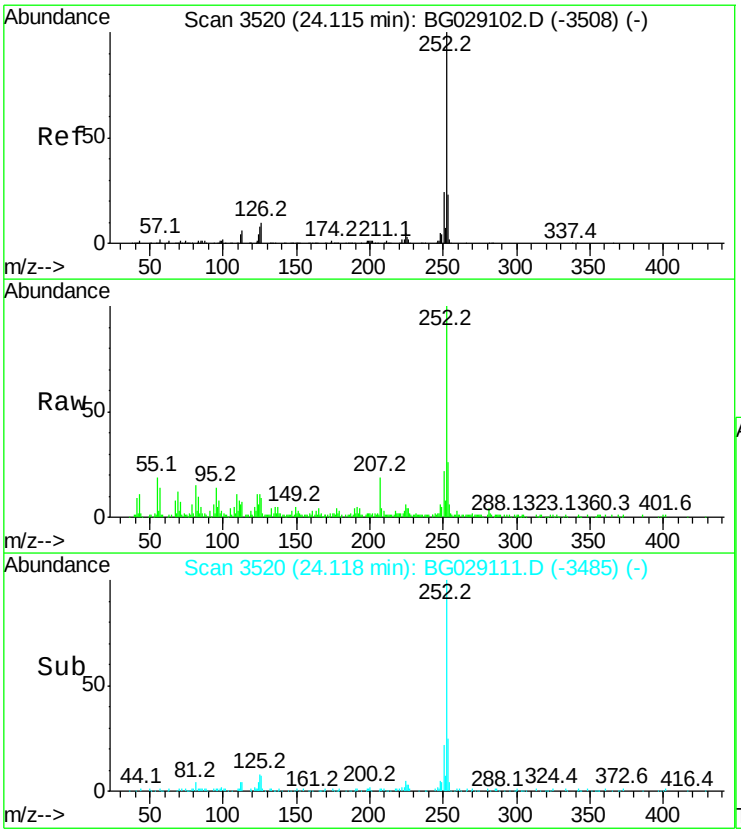
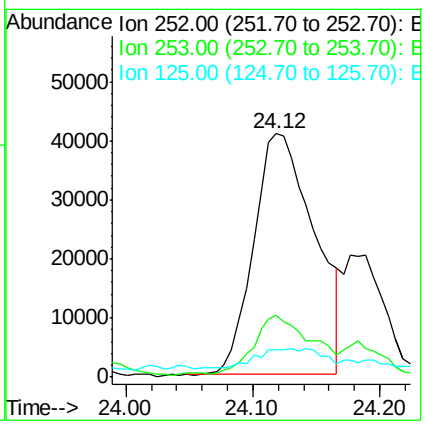
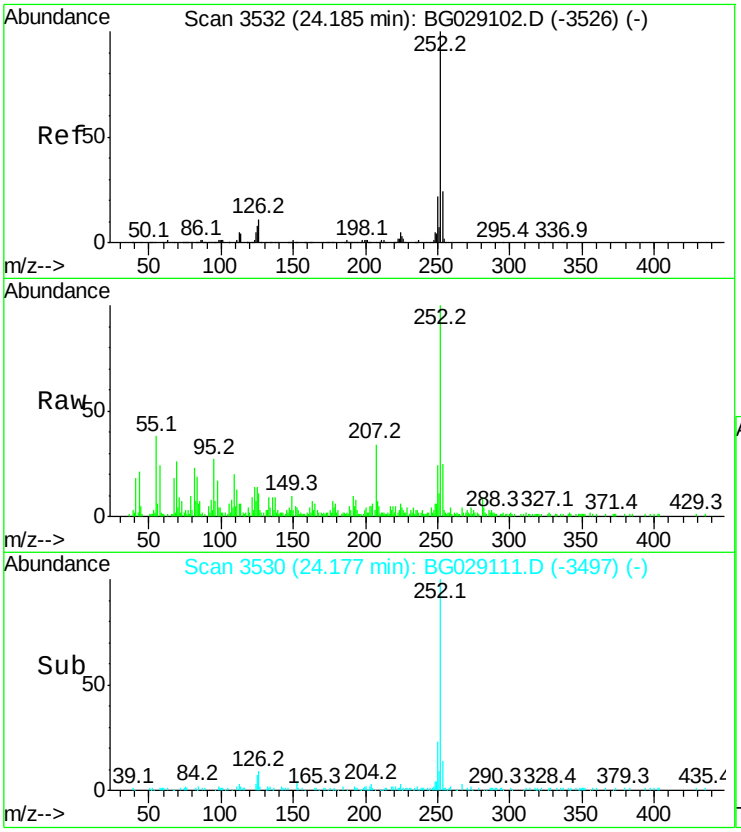


#23
Benzo(b)fluoranthene
Concen: 5.686 ng/ul
RT: 24.12 min Scan# 3520
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:252 Resp: 135997

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.0	27.0
125	11.4	8.0	12.0

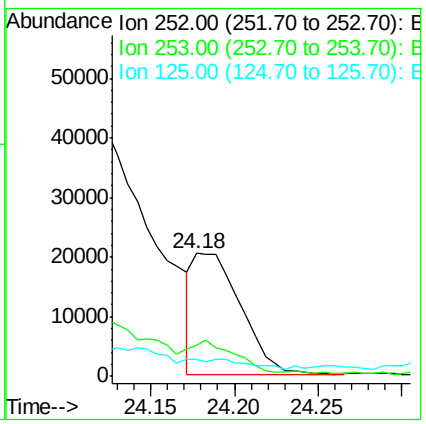




#24
Benzo(k)fluoranthene
Concen: 1.707 ng/ul m
RT: 24.18 min Scan# 3530
Delta R.T. -0.01 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:252 Resp: 39845

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.0	27.0
125	13.8	8.1	12.1#



Instrument :
BNA_G
ClientSampleId :
DAHB7

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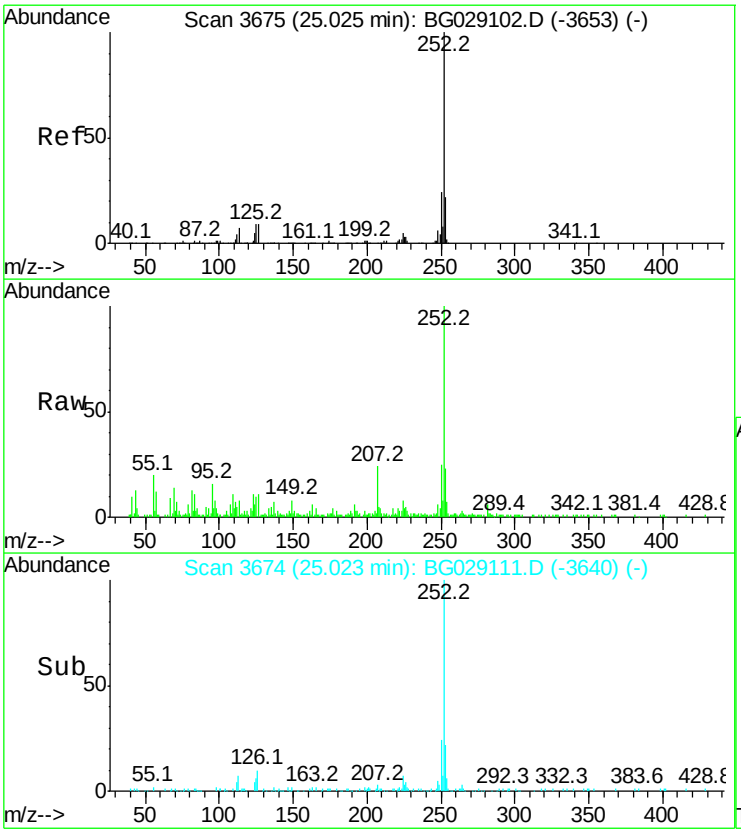
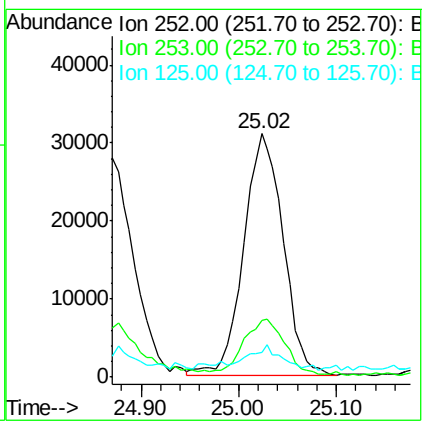
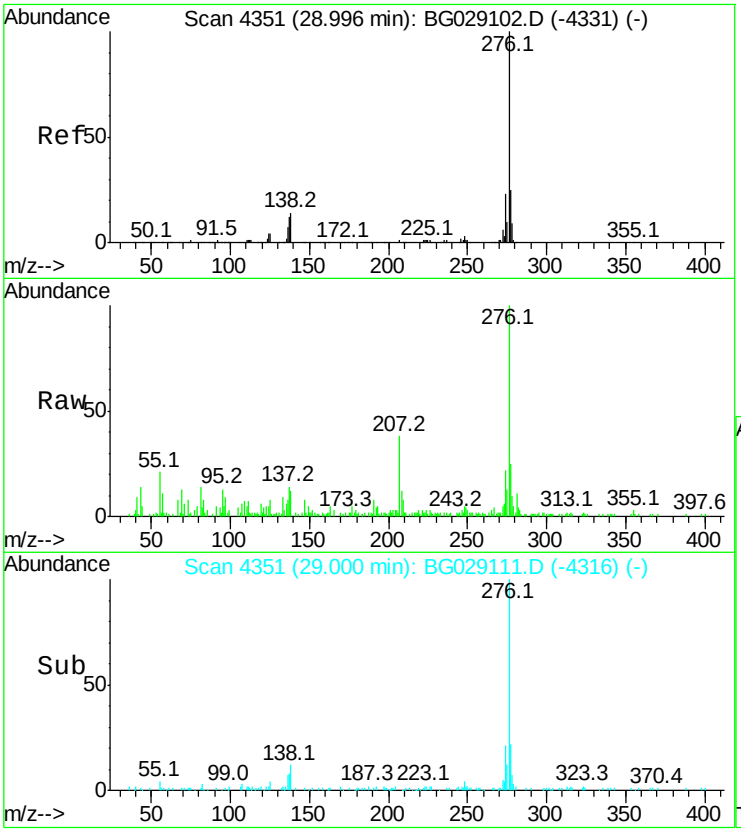


#26
Benzo(a)pyrene
Concen: 3.762 ng/ul
RT: 25.02 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:252 Resp: 87384

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	10.3	8.2	12.4

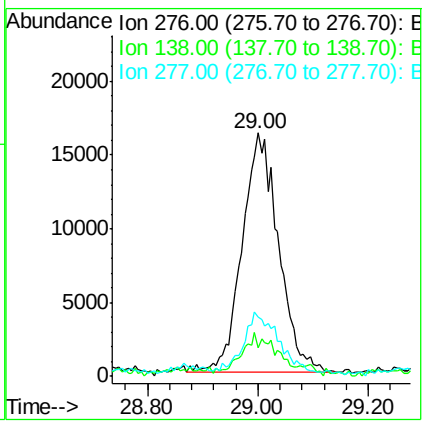




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.812 ng/ul
RT: 29.00 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:276 Resp: 74129

Ion	Ratio	Lower	Upper
276	100		
138	11.8	14.4	21.6#
277	24.6	18.0	27.0



Instrument :
BNA_G
ClientSampleId :
DAHB7

Manual Integrations APPROVED
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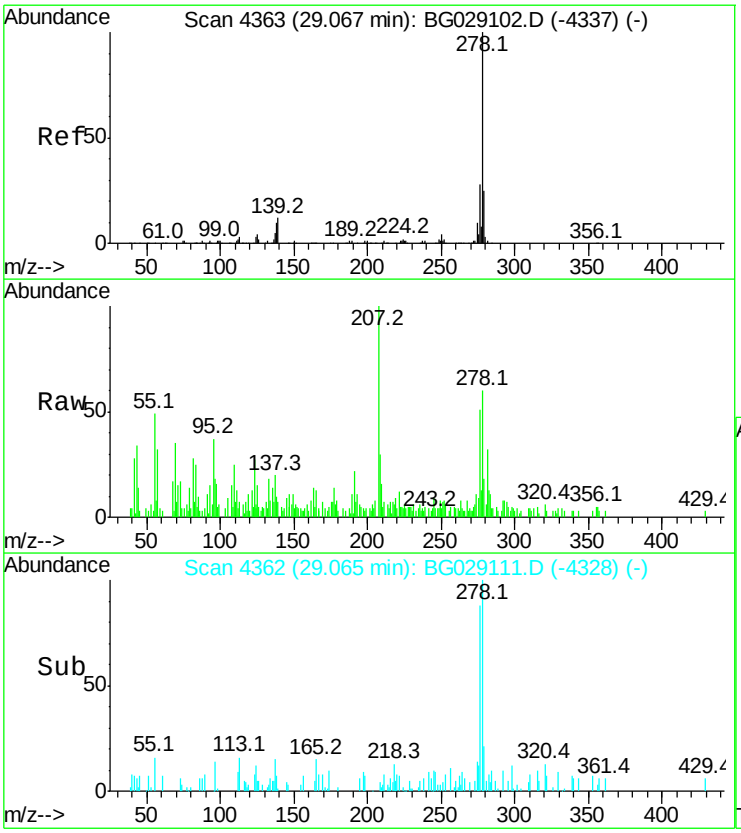
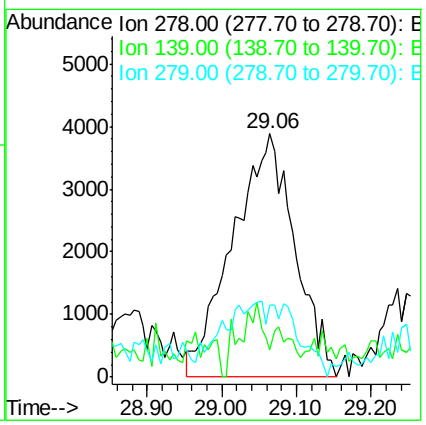
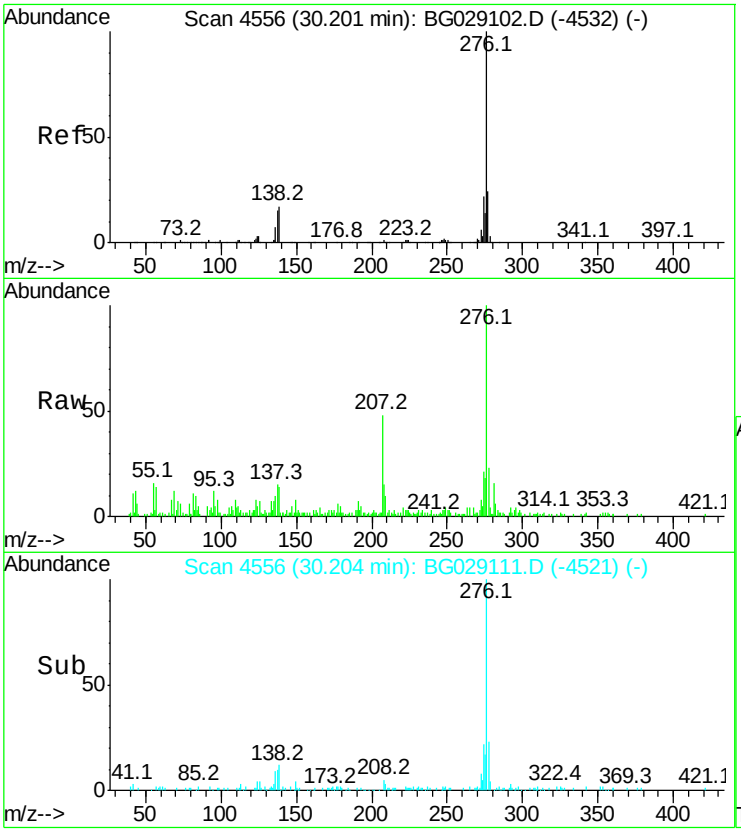


#28
Dibenzo(a,h)anthracene
Concen: 1.025 ng/ul
RT: 29.06 min Scan# 4362
Delta R.T. -0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:278 Resp: 22365

Ion	Ratio	Lower	Upper
278	100		
139	11.2	12.2	18.4#
279	29.7	19.2	28.8#

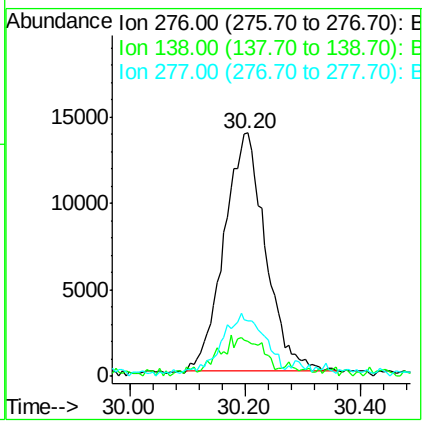




#29
Benzo(g,h,i)perylene
Concen: 3.170 ng/ul
RT: 30.20 min Scan# 4556
Delta R.T. 0.00 min
Lab File: BG029111.D
Acq: 9 Oct 2017 17:17

Tgt Ion:276 Resp: 68920

Ion	Ratio	Lower	Upper
276	100		
138	14.1	15.3	22.9#
277	23.0	19.0	28.4



Instrument :
BNA_G
ClientSampleId :
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10/10/2017 5:03:39 PM