Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111717\
Data File : BG031114.D
Acq On : 18 Nov 2017 11:28
Operator : SJ/JU
Sample : I6431-16
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0FR9

Manual Integrations APPROVED
SOHIL
11/20/2017 4:45:59 PM

Quant Time: Nov 20 03:09:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG111617-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 18 01:20:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	49026	20.00	ng/ul	0.00
2) Naphthalene-d8	10.95	136	232988	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.76	164	165844	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.50	188	414702	20.00	ng/ul	0.00
18) Chrysene-d12	21.78	240	435763	20.00	ng/ul	0.00
23) Perylene-d12	25.07	264	430951	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.58	165	159864	36.36	ng/uL	0.00
7) Acenaphthylene-d8	14.45	160	719827	41.74	ng/ul	0.00
10) Fluorene-d10	15.75	176	550370	39.73	ng/ul	0.00
15) Anthracene-d10	17.60	188	857471	41.31	ng/ul	0.00
19) Pyrene-d10	19.88	212	984191	49.44	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.85	264	940492	44.11	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.54	178	57474	2.582	ng/ul	99
17) Fluoranthene	19.54	202	221079m	7.138	ng/ul	
20) Pyrene	19.91	202	188583	8.154	ng/ul#	86
21) Benzo(a)anthracene	21.75	228	102753	3.870	ng/ul	97
22) Chrysene	21.82	228	144068	5.705	ng/ul	97
24) Benzo(b)fluoranthene	24.03	252	195734	7.517	ng/ul#	96
25) Benzo(k)fluoranthene	24.08	252	57662	2.248	ng/ul#	96
27) Benzo(a)pyrene	24.92	252	113551m	4.550	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.85	276	85627	3.010	ng/ul#	90
30) Benzo(g,h,i)perylene	30.05	276	62663	2.646	ng/ul#	92

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

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Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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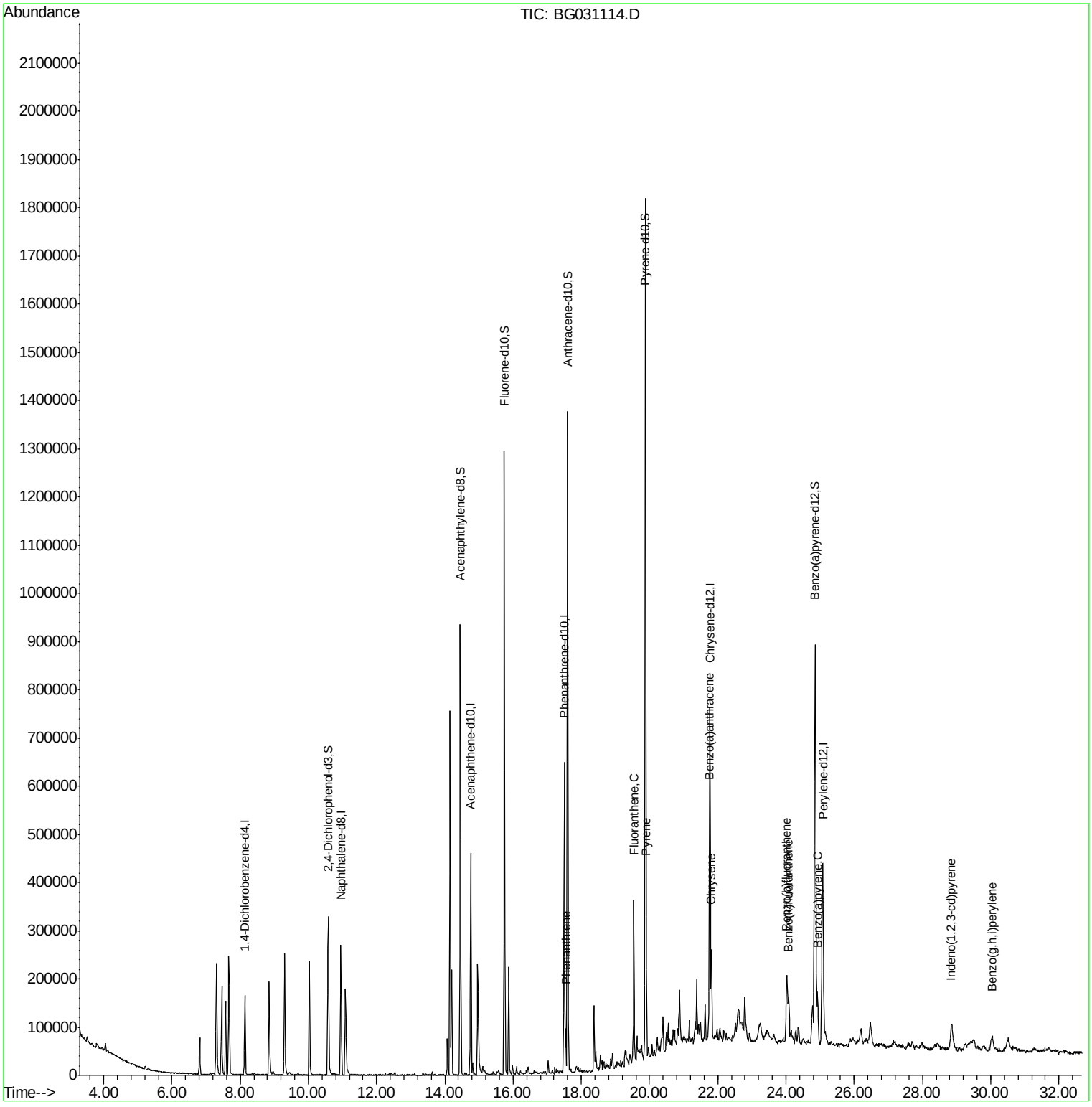
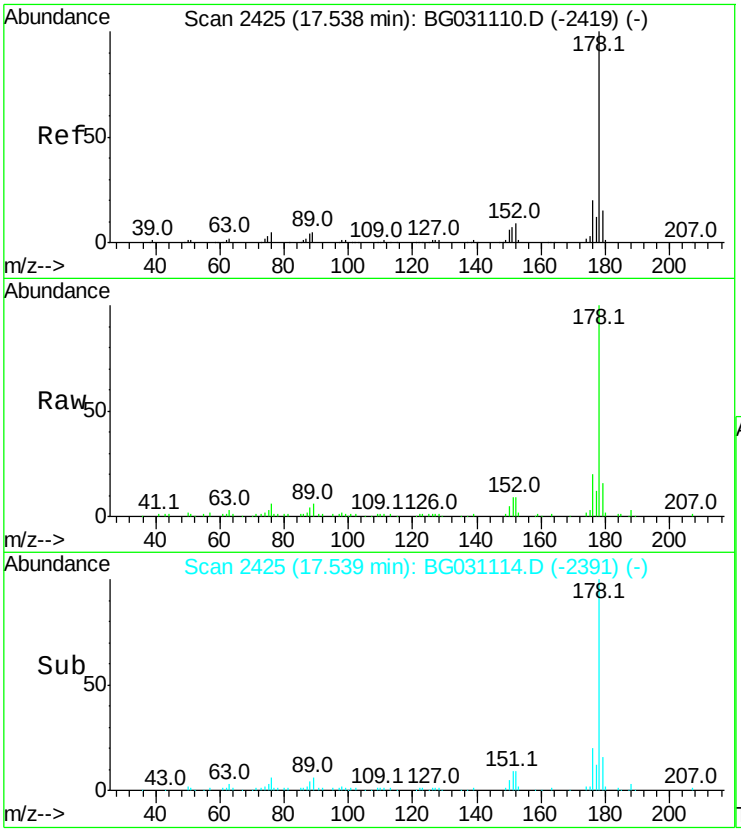
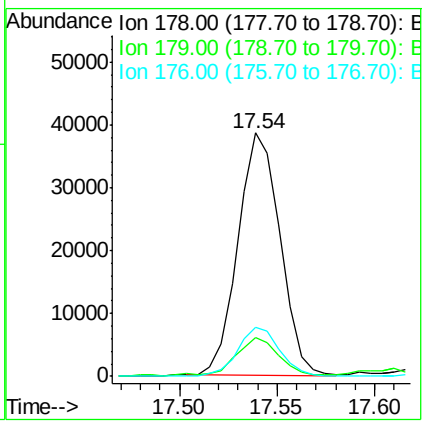




#14
Phenanthrene
Concen: 2.582 ng/ul
RT: 17.54 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:178 Resp: 57474

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.2	18.4
176	20.1	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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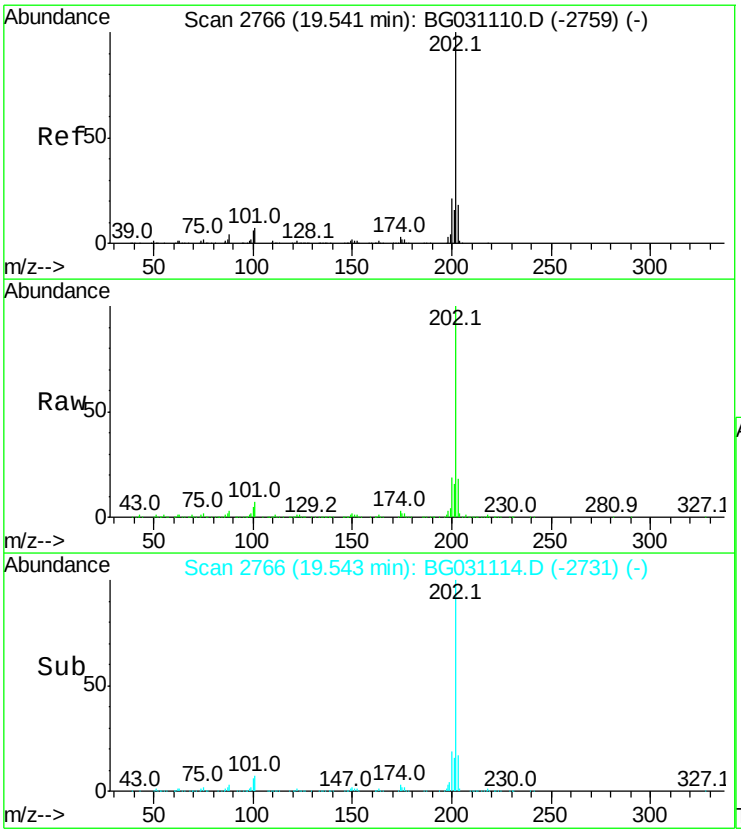
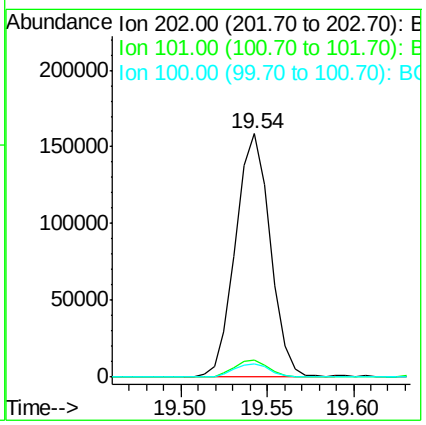
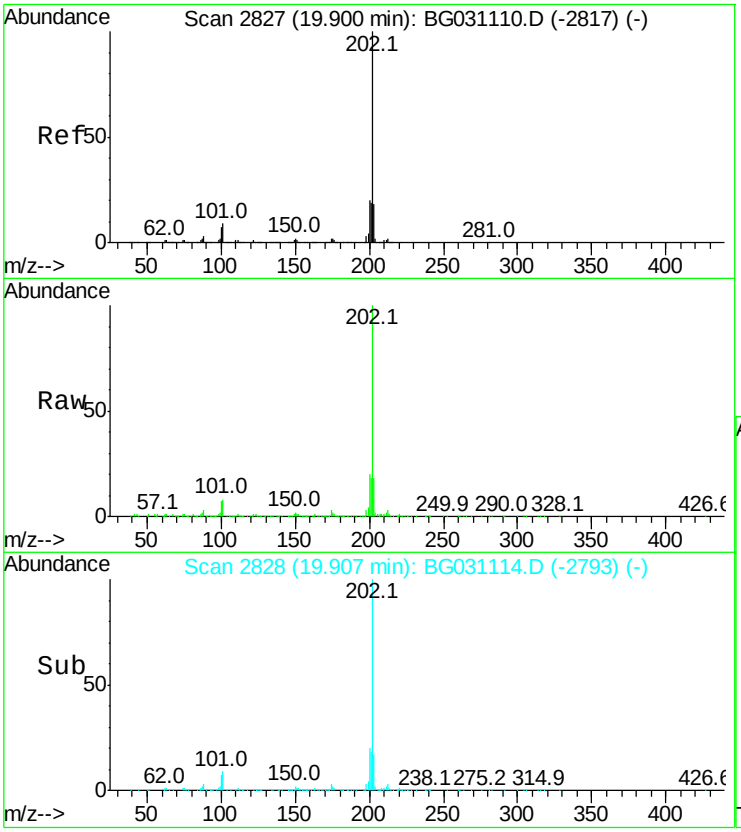


#17
Fluoranthene
Concen: 7.138 ng/ul m
RT: 19.54 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:202 Resp: 221079

Ion	Ratio	Lower	Upper
202	100		
101	7.0	9.8	14.8#
100	5.5	7.5	11.3#





#20
Pyrene
Concen: 8.154 ng/ul
RT: 19.91 min Scan# 2828
Delta R.T. 0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:202 Resp: 188583

Ion	Ratio	Lower	Upper
202	100		
101	8.4	11.2	16.8#
100	6.6	9.8	14.6#

Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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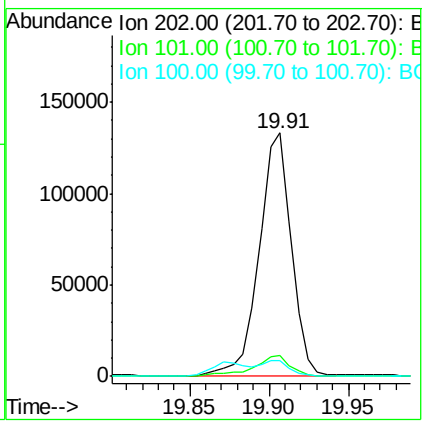
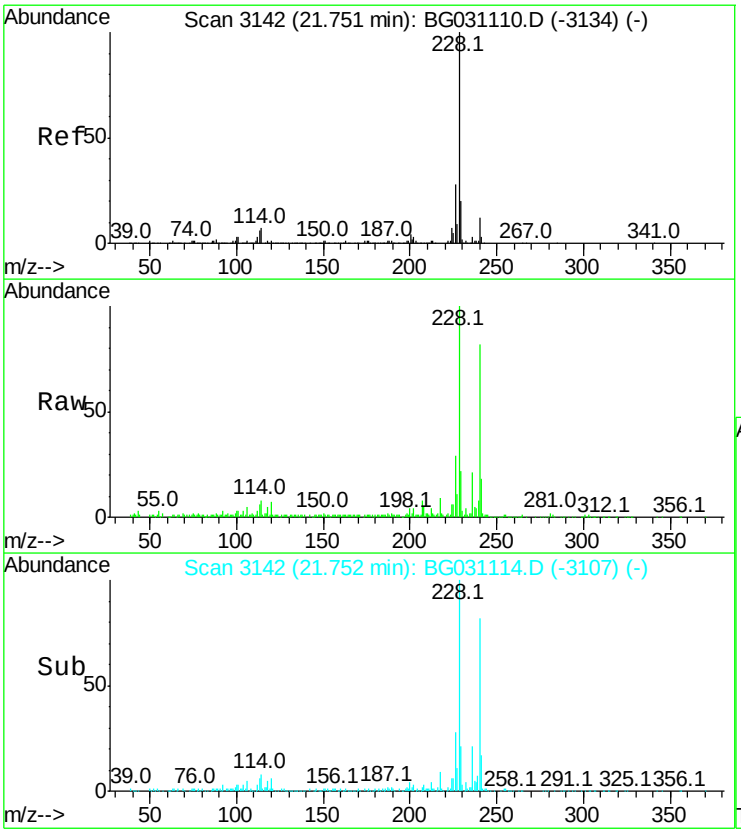
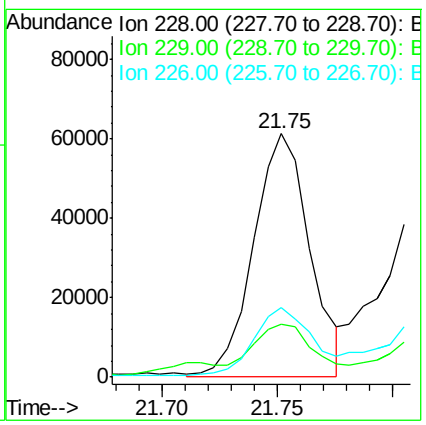


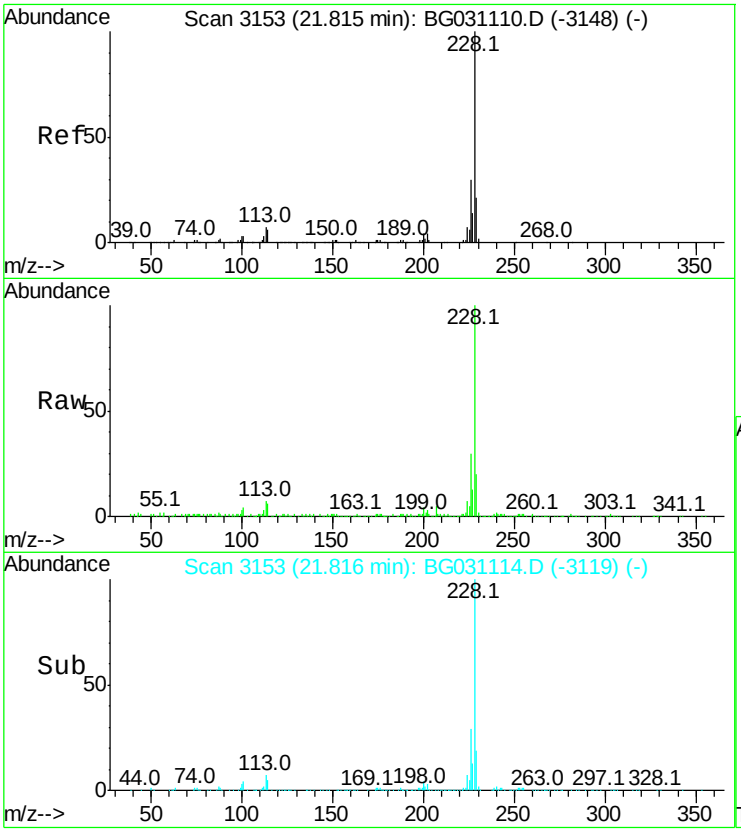


#21
Benzo(a)anthracene
Concen: 3.870 ng/ul
RT: 21.75 min Scan# 3142
Delta R.T. 0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:228 Resp: 102753

Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.9	23.9
226	28.5	22.1	33.1





#22
Chrysene
Concen: 5.705 ng/ul
RT: 21.82 min Scan# 3153
Delta R.T. -0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:228 Resp: 144068

Ion	Ratio	Lower	Upper
228	100		
226	29.7	25.0	37.6
229	19.9	16.6	25.0

Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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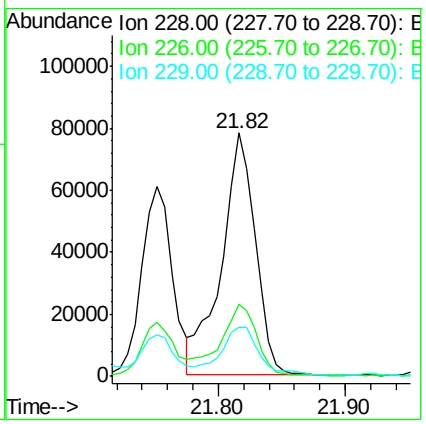
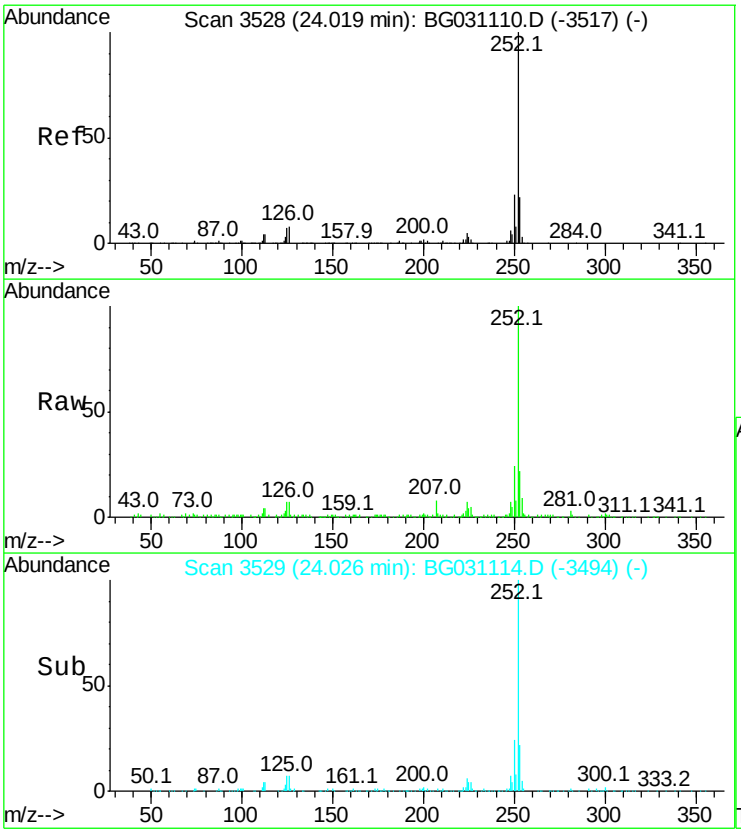
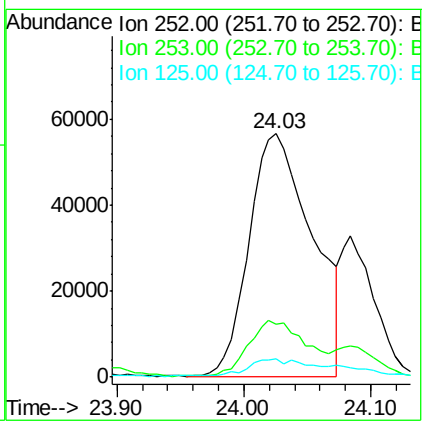


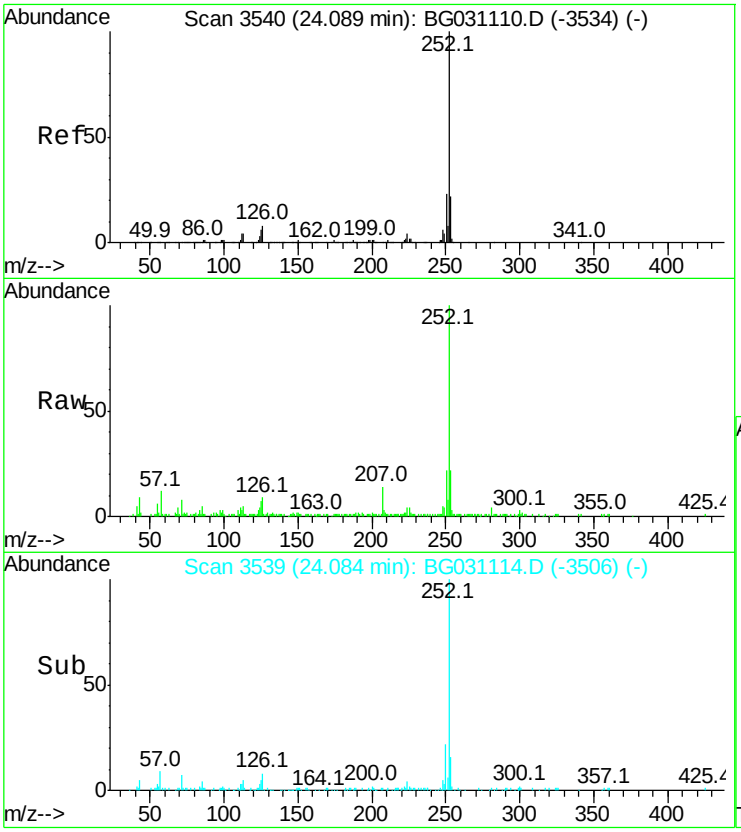


#24
Benzo(b)fluoranthene
Concen: 7.517 ng/ul
RT: 24.03 min Scan# 3529
Delta R.T. 0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:252 Resp: 195734

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	7.3	9.4	14.0#

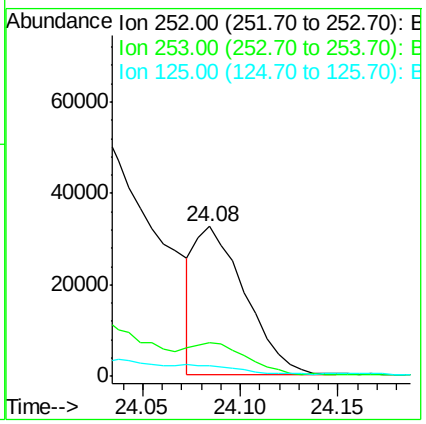




#25
Benzo(k)fluoranthene
Concen: 2.248 ng/ul
RT: 24.08 min Scan# 3539
Delta R.T. -0.01 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:252 Resp: 57662

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.2
125	7.1	8.8	13.2#



Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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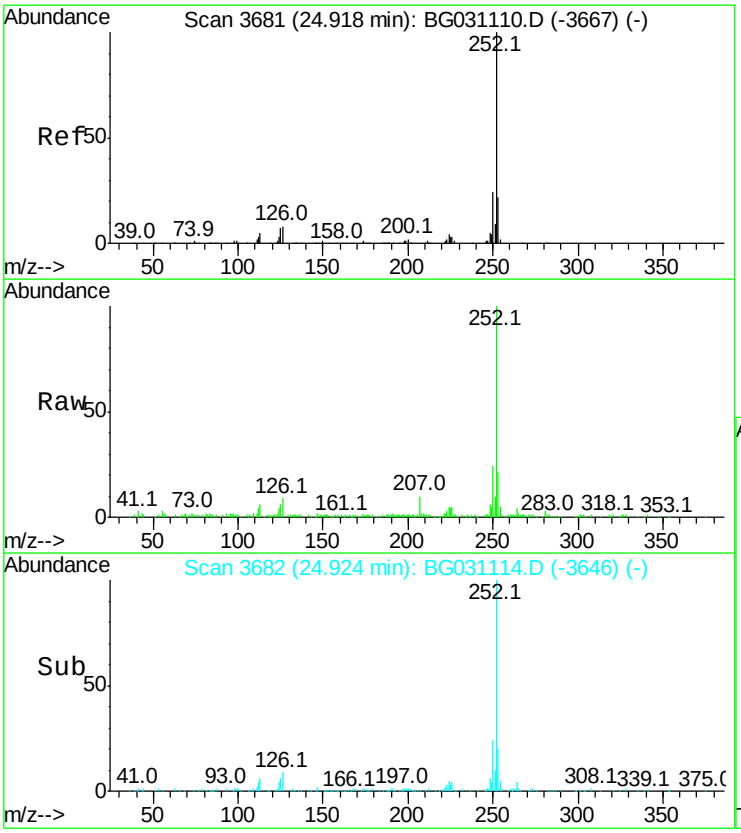
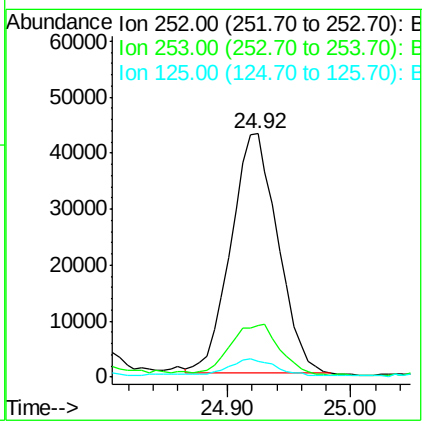
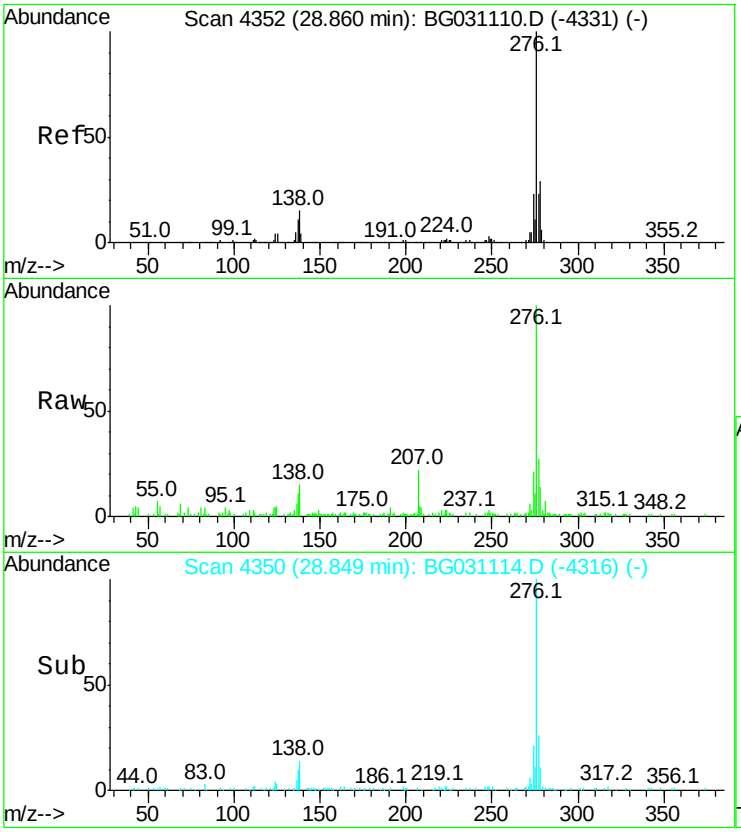


#27
Benzo(a)pyrene
Concen: 4.550 ng/ul m
RT: 24.92 min Scan# 3682
Delta R.T. 0.01 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:252 Resp: 113551

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.1	25.7
125	6.4	9.4	14.2#

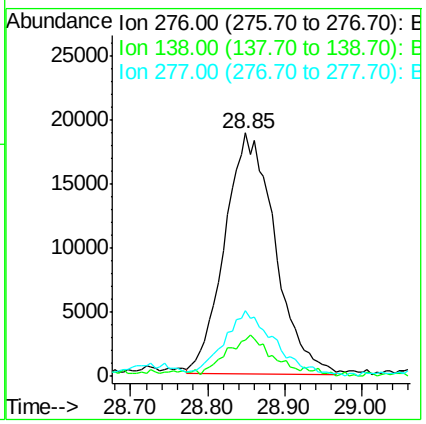




#28
Indeno(1,2,3-cd)pyrene
Concen: 3.010 ng/ul
RT: 28.85 min Scan# 4350
Delta R.T. -0.00 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:276 Resp: 85627

Ion	Ratio	Lower	Upper
276	100		
138	14.8	17.8	26.6#
277	27.0	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
B0FR9

Manual Integrations APPROVED
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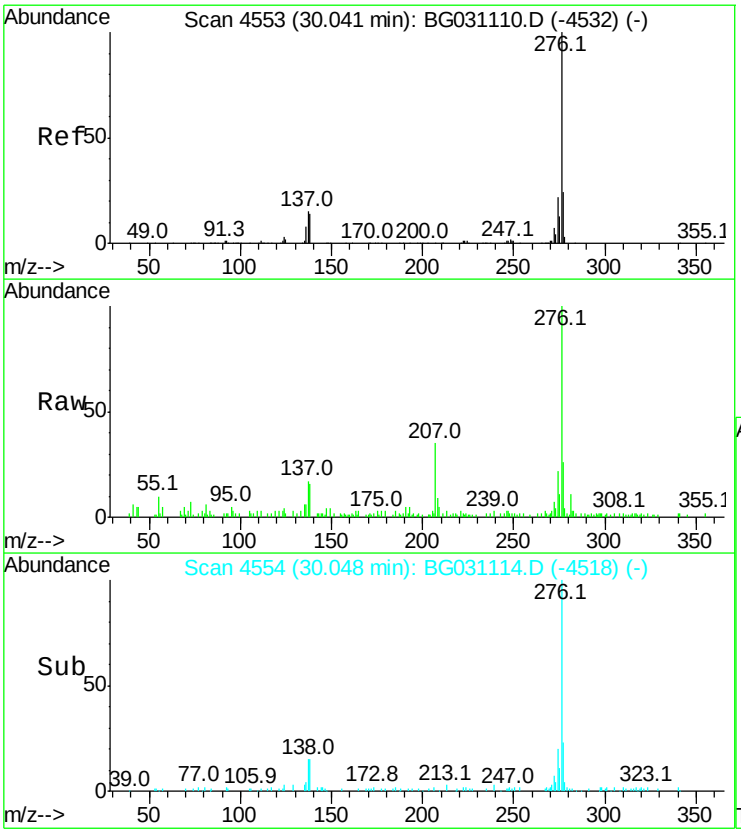

#30
Benzo(g,h,i)perylene
Concen: 2.646 ng/ul
RT: 30.05 min Scan# 4554
Delta R.T. 0.01 min
Lab File: BG031114.D
Acq: 18 Nov 2017 11:28

Tgt Ion:276 Resp: 62663

Ion	Ratio	Lower	Upper
276	100		
138	16.1	19.0	28.4#
277	25.5	19.7	29.5