Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG031717\
Data File : BG026279.D
Acq On : 17 Mar 2017 12:45
Operator : SJ/MA
Sample : I2217-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CB2X5

Manual Integrations APPROVED
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3/20/2017 12:54:29 PM

Quant Time: Mar 17 14:52:24 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 17 14:43:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	139639	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	644954	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.66	164	355553	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.39	188	695806	20.00	ng/ul	0.00
18) Chrysene-d12	21.64	240	656446	20.00	ng/ul	0.00
23) Perylene-d12	24.83	264	593282	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.47	165	340699	35.66	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	1323498	43.66	ng/ul	0.00
10) Fluorene-d10	15.64	176	869179	39.30	ng/ul	0.00
15) Anthracene-d10	17.49	188	1199022	38.77	ng/ul	0.00
19) Pyrene-d10	19.77	212	1182907	35.31	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	1020098	39.87	ng/ul	0.00
Target Compounds						Qvalue
14) Phenanthrene	17.44	178	141761	3.84	ng/ul	99
17) Fluoranthene	19.43	202	199720	5.22	ng/ul	98
20) Pyrene	19.80	202	170249	4.07	ng/ul	99
21) Benzo(a)anthracene	21.62	228	91555	2.51	ng/ul	98
22) Chrysene	21.68	228	92089	2.70	ng/ul	98
24) Benzo(b)fluoranthene	23.82	252	104189	3.09	ng/ul#	95
25) Benzo(k)fluoranthene	23.88	252	42780m	1.33	ng/ul	
28) Indeno(1,2,3-cd)pyrene	28.46	276	35383	1.02	ng/ul#	90
30) Benzo(g,h,i)perylene	29.60	276	31825m	1.08	ng/ul	

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

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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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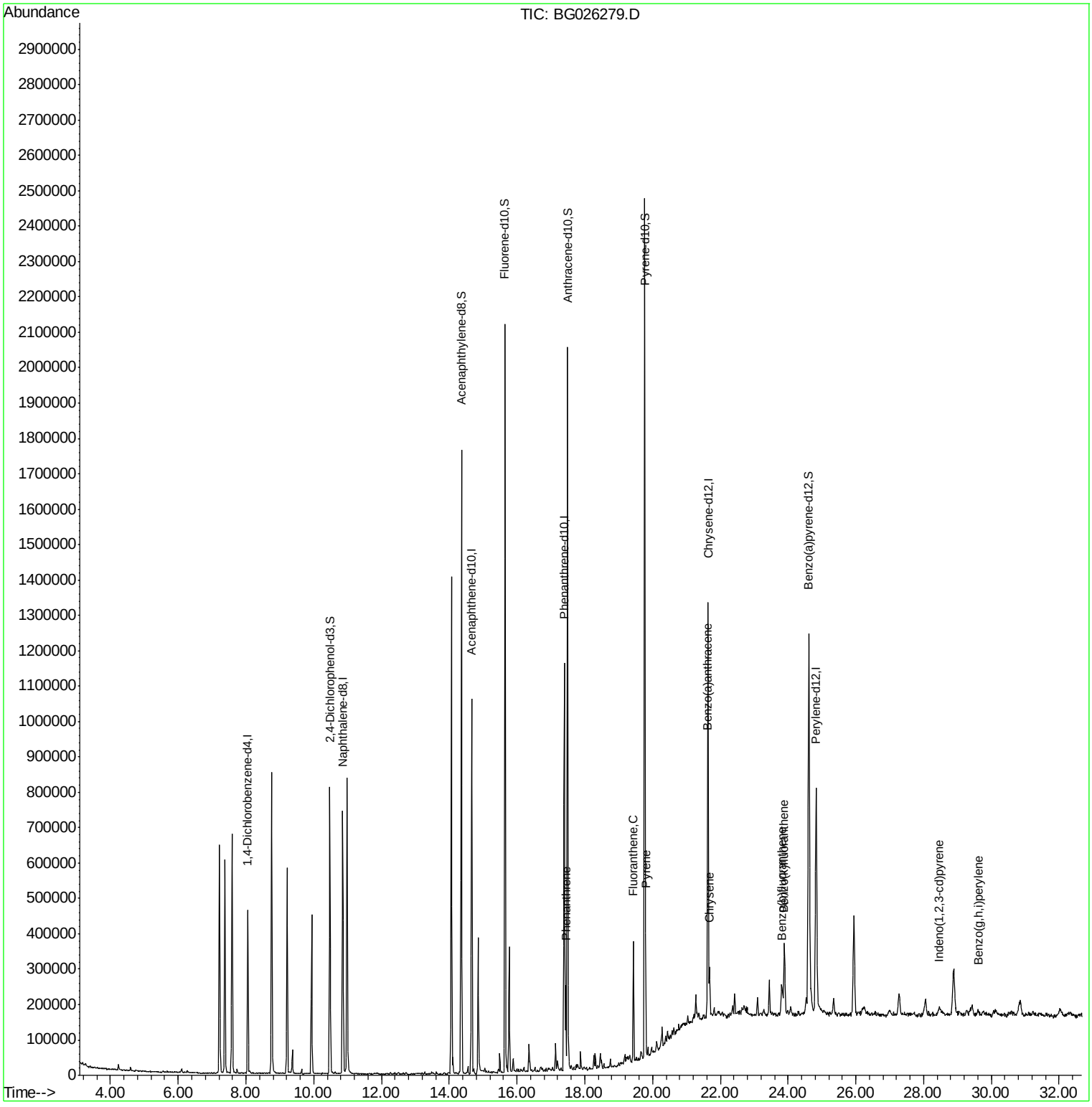
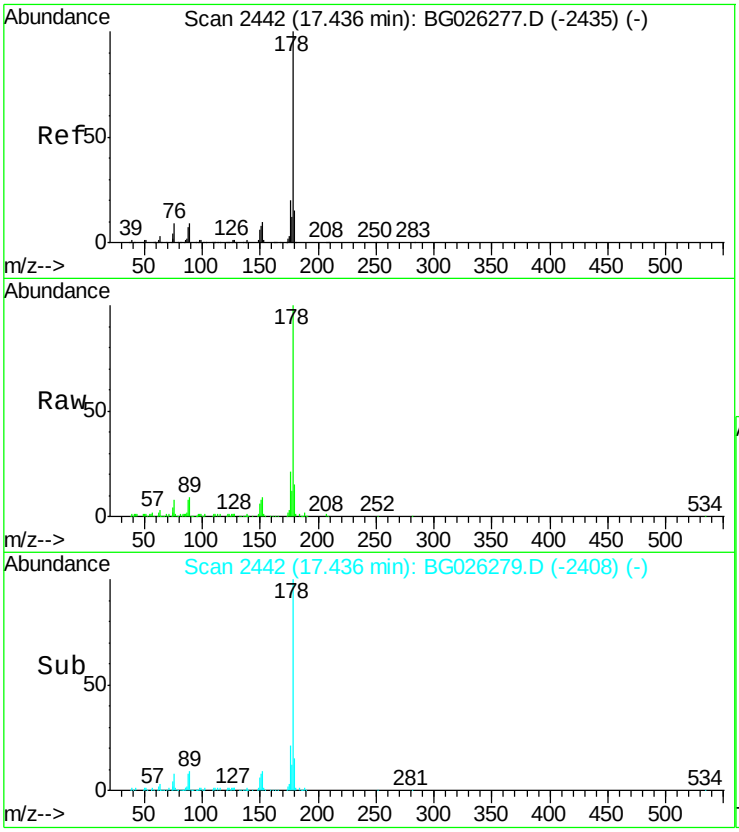
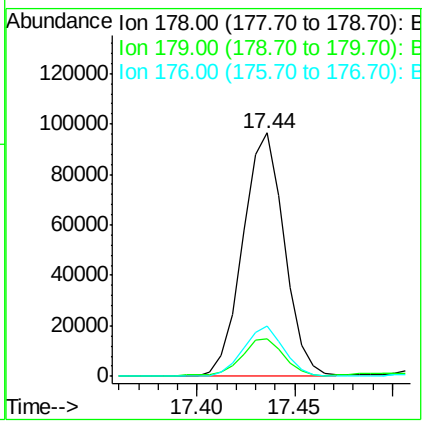




#14
Phenanthrene
Concen: 3.84 ng/ul
RT: 17.44 min Scan# 2442
Delta R.T. 0.00 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:178 Resp: 141761

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	20.9	16.4	24.6



Instrument :
BNA_G
ClientSampleId :
CB2X5

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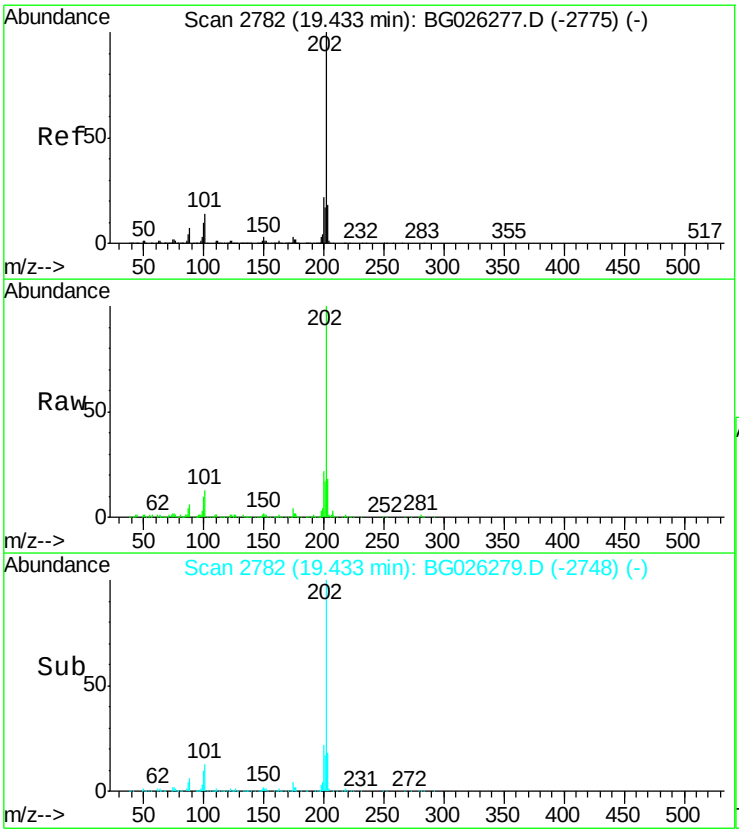
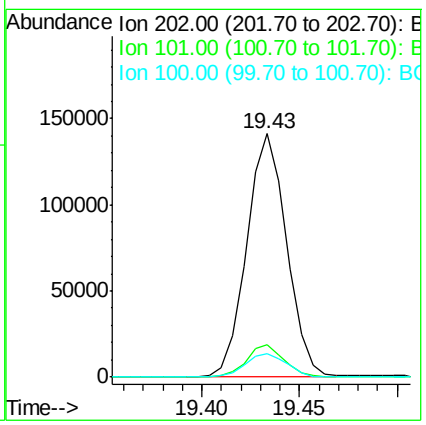
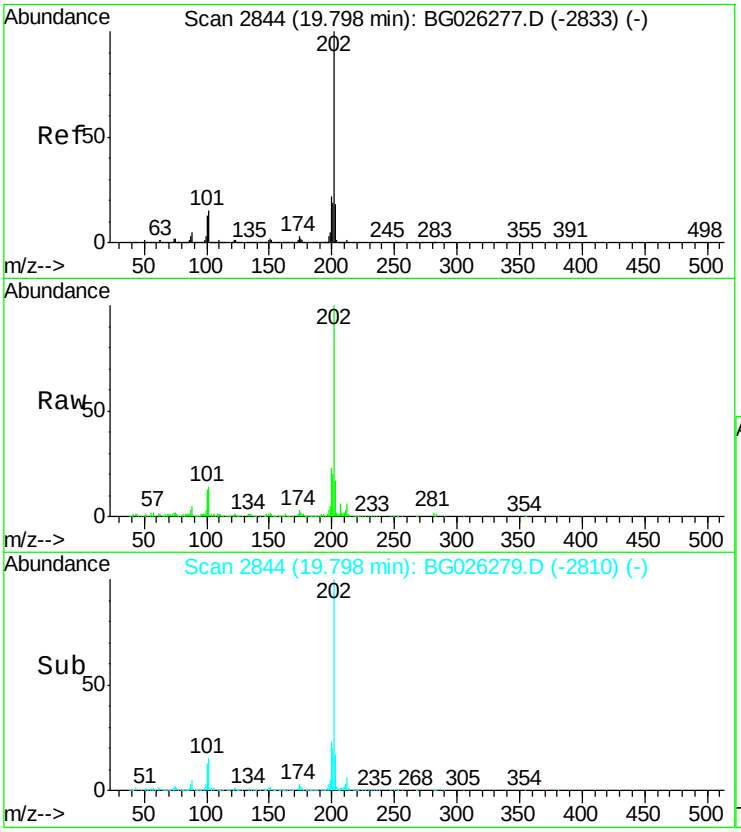


#17
Fluoranthene
Concen: 5.22 ng/ul
RT: 19.43 min Scan# 2782
Delta R.T. 0.00 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:202 Resp: 199720

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.8
100	9.9	7.5	11.3





#20
Pyrene
Concen: 4.07 ng/ul
RT: 19.80 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:202 Resp: 170249

Ion	Ratio	Lower	Upper
202	100		
101	14.4	11.2	16.8
100	12.8	9.8	14.6

Instrument :
BNA_G
ClientSampleId :
CB2X5

Manual Integrations APPROVED
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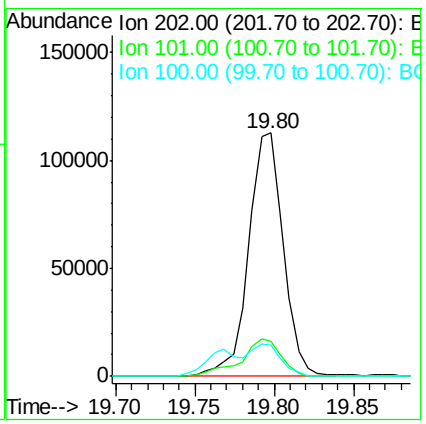
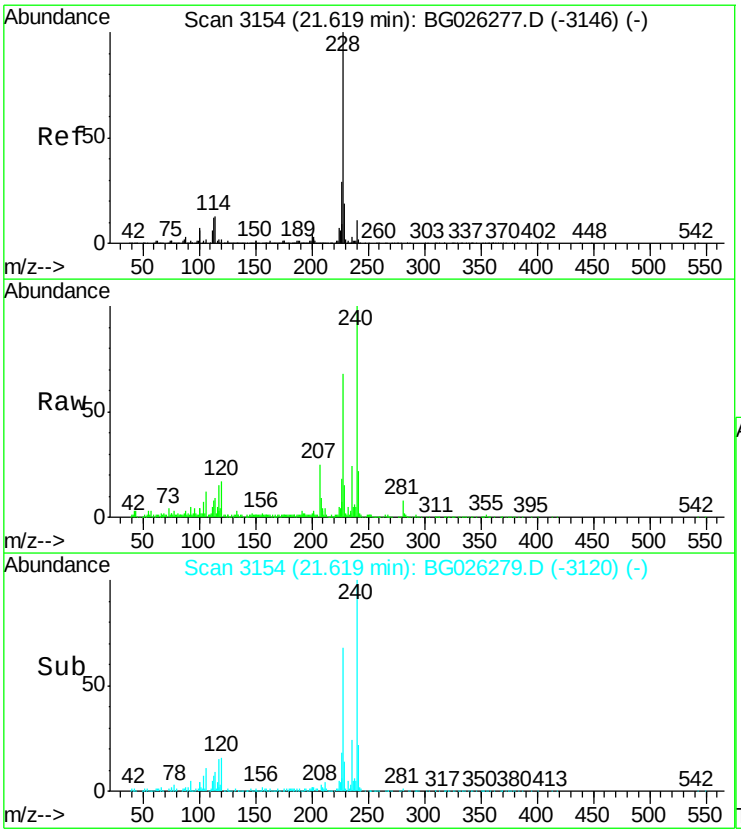
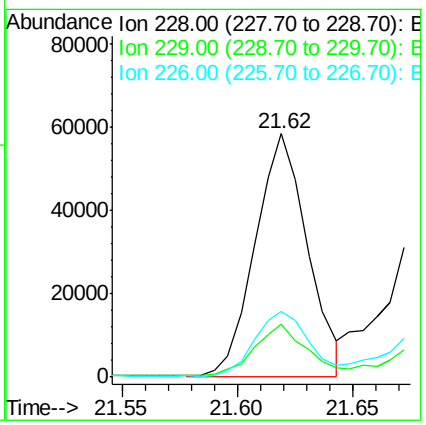


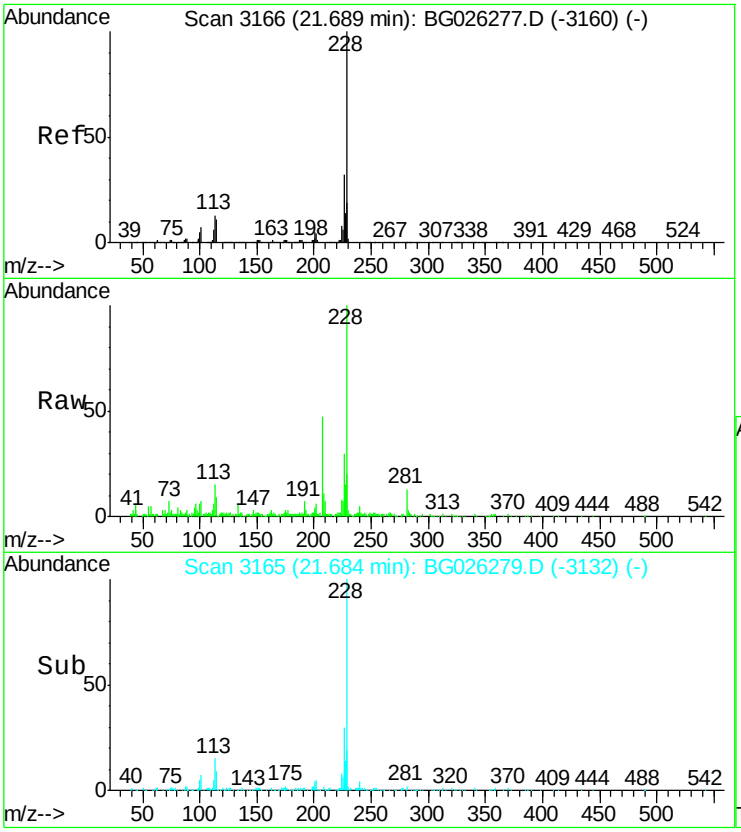


#21
Benzo(a)anthracene
Concen: 2.51 ng/ul
RT: 21.62 min Scan# 3154
Delta R.T. 0.00 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:228 Resp: 91555

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.9	23.9
226	26.9	22.1	33.1

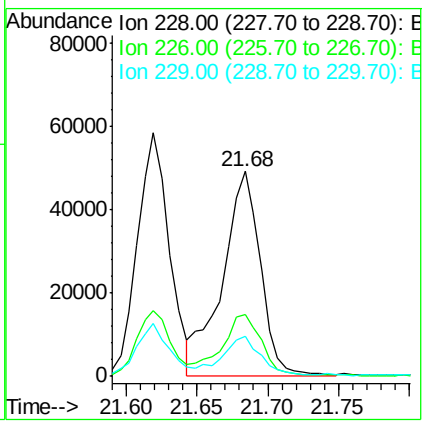




#22
Chrysene
Concen: 2.70 ng/ul
RT: 21.68 min Scan# 3165
Delta R.T. -0.01 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:228 Resp: 92089

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.0	37.6
229	19.7	16.6	25.0



Instrument :
BNA_G
ClientSampleId :
CB2X5

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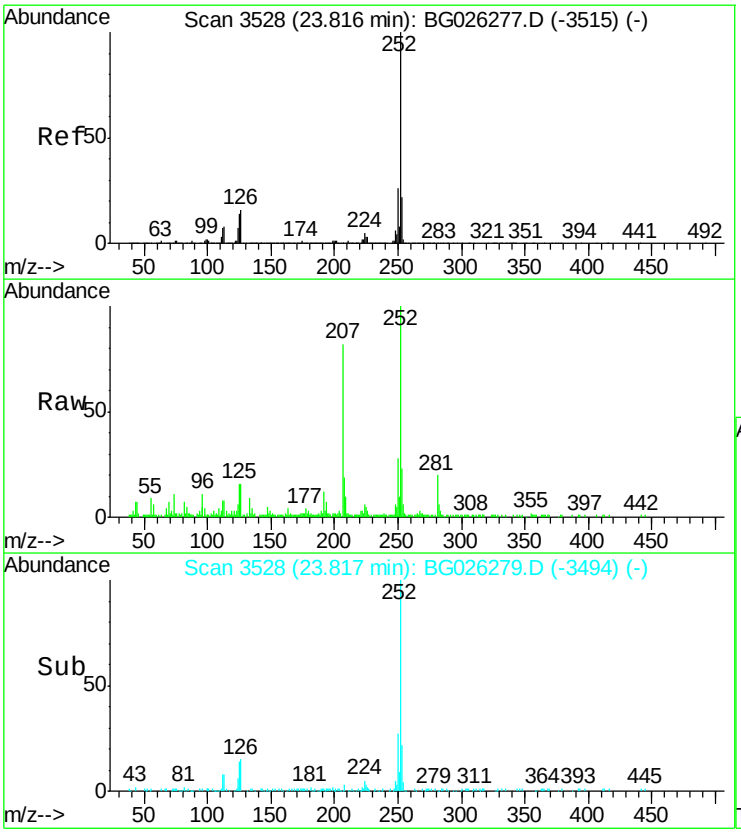
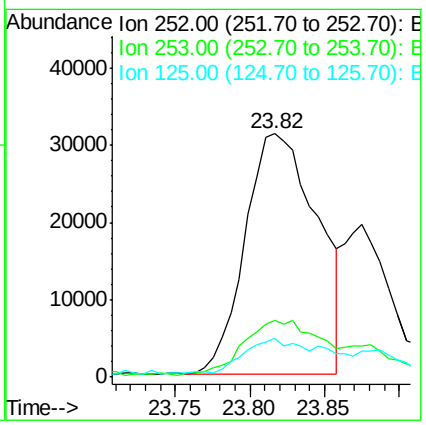
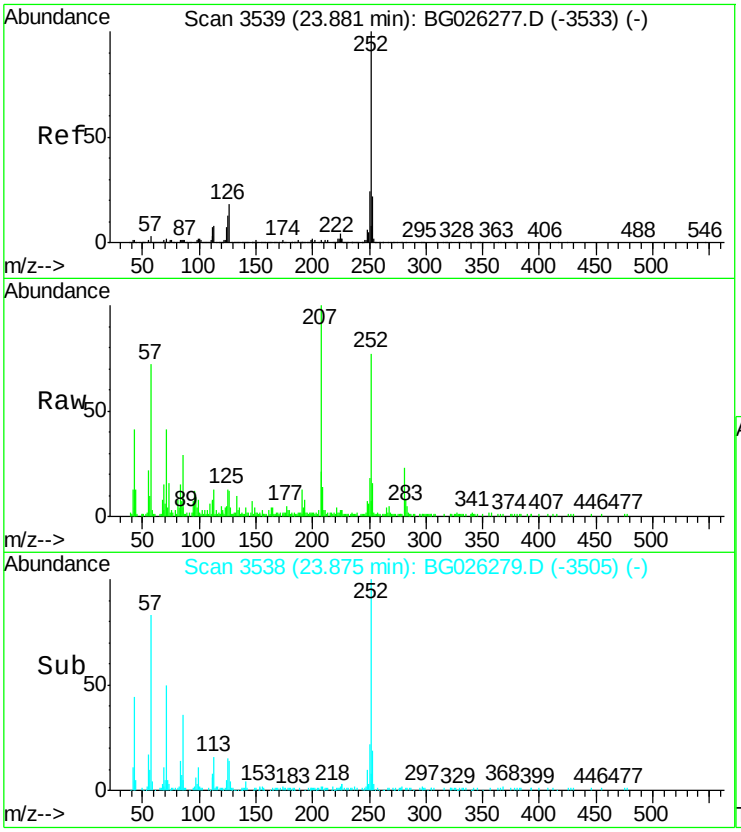


#24
Benzo(b)fluoranthene
Concen: 3.09 ng/ul
RT: 23.82 min Scan# 3528
Delta R.T. 0.00 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:252 Resp: 104189

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	15.8	9.4	14.0#

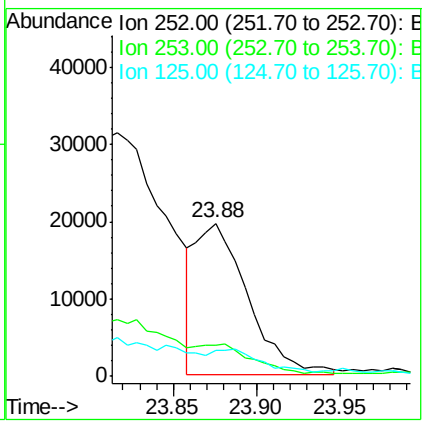




#25
Benzo(k)fluoranthene
Concen: 1.33 ng/ul m
RT: 23.88 min Scan# 3538
Delta R.T. -0.01 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:252 Resp: 42780

Ion	Ratio	Lower	Upper
252	100		
253	20.1	17.4	26.2
125	16.9	8.8	13.2#



Instrument :
BNA_G
ClientSampleId :
CB2X5

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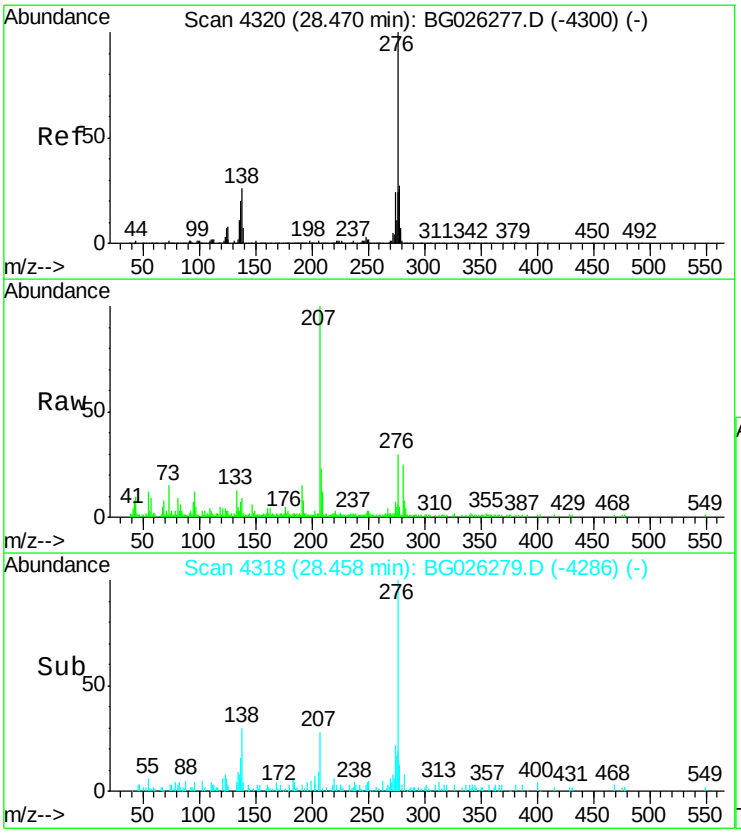
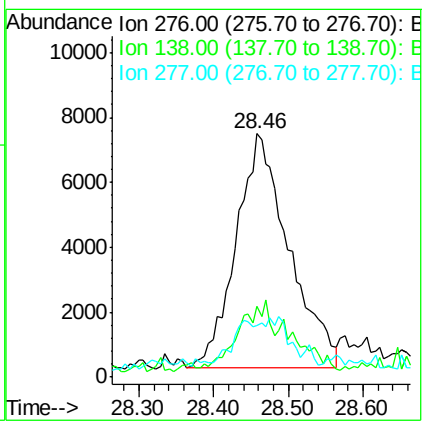
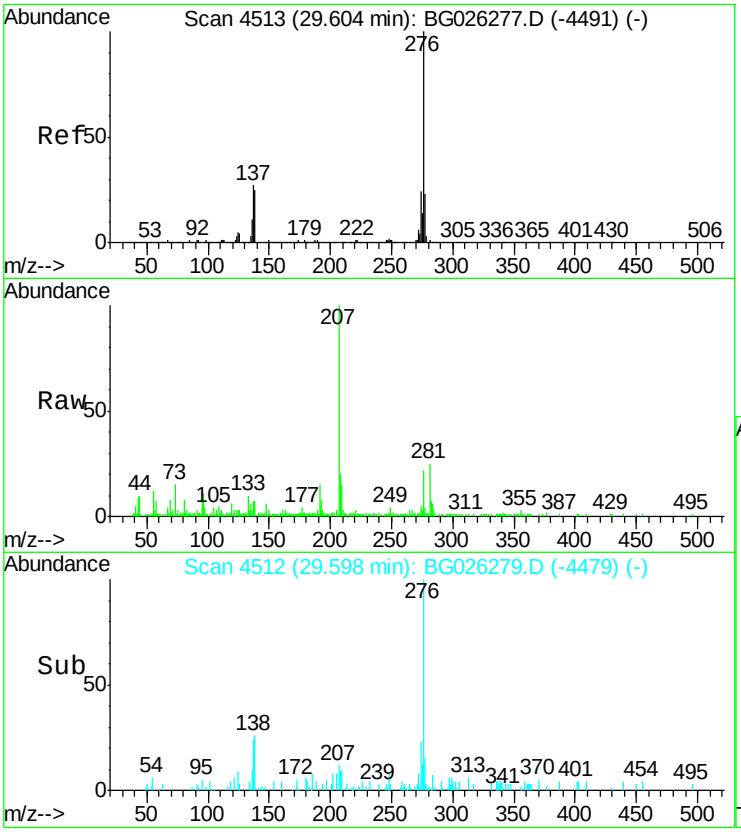


#28
Indeno(1,2,3-cd)pyrene
Concen: 1.02 ng/ul
RT: 28.46 min Scan# 4318
Delta R.T. -0.01 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:276 Resp: 35383

Ion	Ratio	Lower	Upper
276	100		
138	29.3	17.8	26.6#
277	21.4	19.4	29.0





#30
Benzo(g,h,i)perylene
Concen: 1.08 ng/ul m
RT: 29.60 min Scan# 4512
Delta R.T. -0.01 min
Lab File: BG026279.D
Acq: 17 Mar 2017 12:45

Tgt Ion:276 Resp: 31825

Ion	Ratio	Lower	Upper
276	100		
138	31.7	19.0	28.4#
277	18.3	19.7	29.5#

Instrument :
BNA_G
ClientSampleId :
CB2X5

Manual Integrations APPROVED
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