Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030817\
Data File : BG026136.D
Acq On : 9 Mar 2017 6:08
Operator : SJ/MA
Sample : I2062-17
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AK3

Manual Integrations APPROVED
mohammad
3/15/2017 5:08:18 PM

Quant Time: Mar 15 16:47:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG030317-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 15 16:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	126430	20.00	ng/ul	0.00
2) Naphthalene-d8	10.86	136	546255	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.67	164	309688	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.40	188	746918	20.00	ng/ul	0.00
18) Chrysene-d12	21.65	240	871437	20.00	ng/ul	0.00
23) Perylene-d12	24.84	264	852245	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.48	165	176381	21.80	ng/uL	0.00
7) Acenaphthylene-d8	14.36	160	752547	28.50	ng/ul	0.00
10) Fluorene-d10	15.65	176	557736	28.96	ng/ul	0.00
15) Anthracene-d10	17.49	188	851405	25.65	ng/ul	0.00
19) Pyrene-d10	19.77	212	1028250	23.12	ng/ul	0.00
26) Benzo(a)pyrene-d12	24.62	264	1004778	27.34	ng/ul	0.00
Target Compounds						Qvalue
17) Fluoranthene	19.44	202	91220	2.22	ng/ul	98
20) Pyrene	19.80	202	88222	1.59	ng/ul#	95
21) Benzo(a)anthracene	21.63	228	72776	1.50	ng/ul	95
22) Chrysene	21.69	228	85247	1.88	ng/ul	93
24) Benzo(b)fluoranthene	23.82	252	131066	2.71	ng/ul	96
27) Benzo(a)pyrene	24.69	252	86305	1.92	ng/ul	97
28) Indeno(1,2,3-cd)pyrene	28.45	276	64854m	1.31	ng/ul	
30) Benzo(g,h,i)perylene	29.59	276	59576m	1.40	ng/ul	

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

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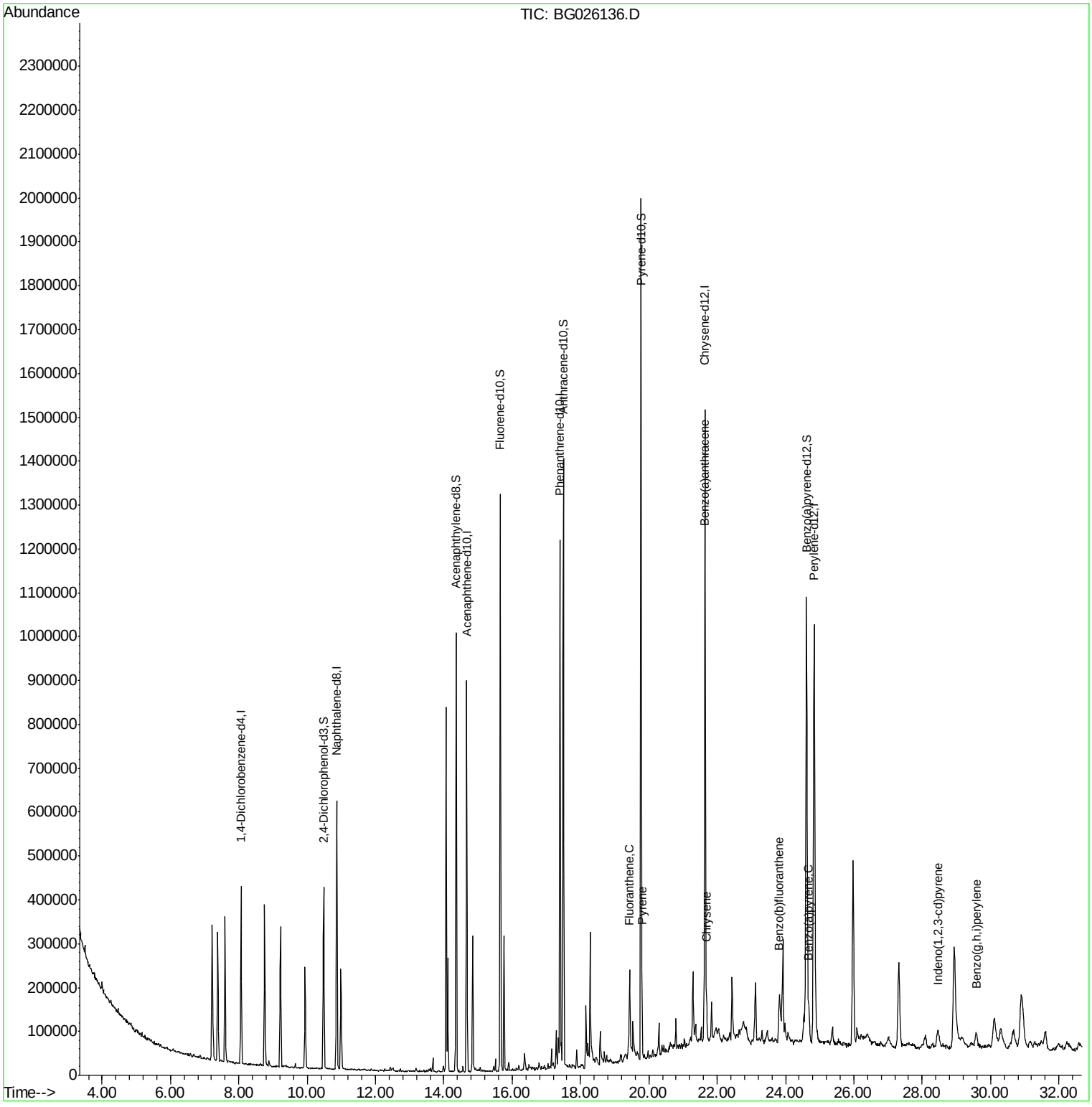
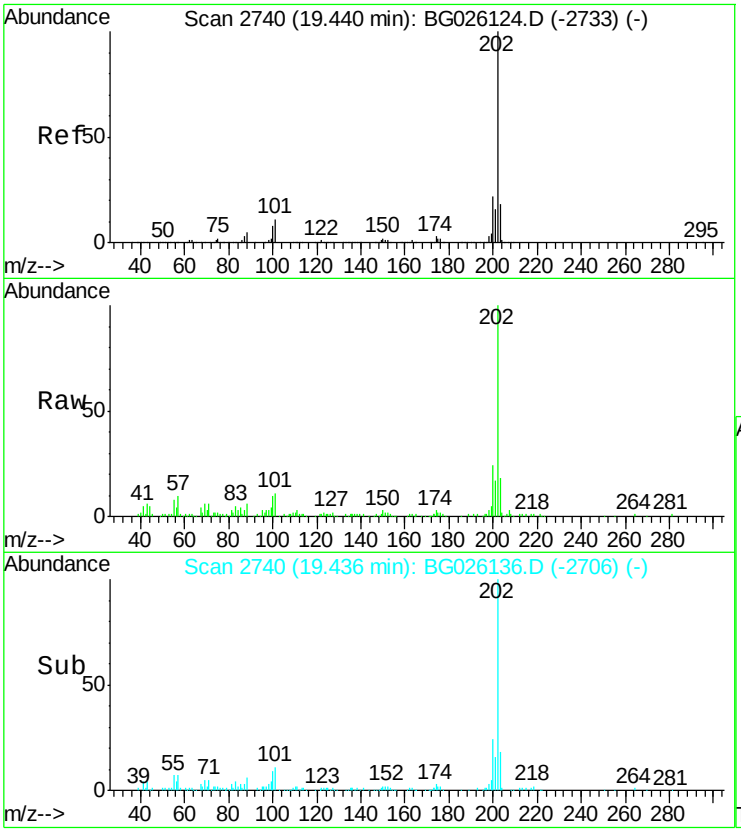
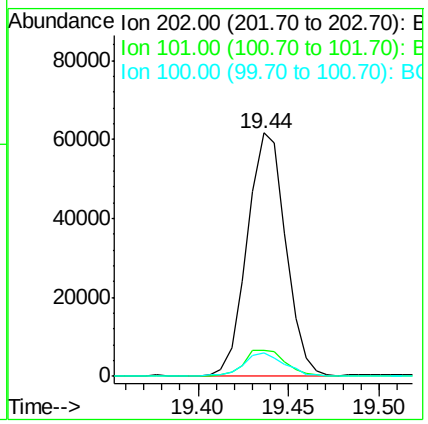




#17
Fluoranthene
Concen: 2.22 ng/ul
RT: 19.44 min Scan# 2740
Delta R.T. -0.00 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:202 Resp: 91220

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
100	9.8	7.5	11.3



Instrument :
BNA_G
ClientSampleId :
C0AK3

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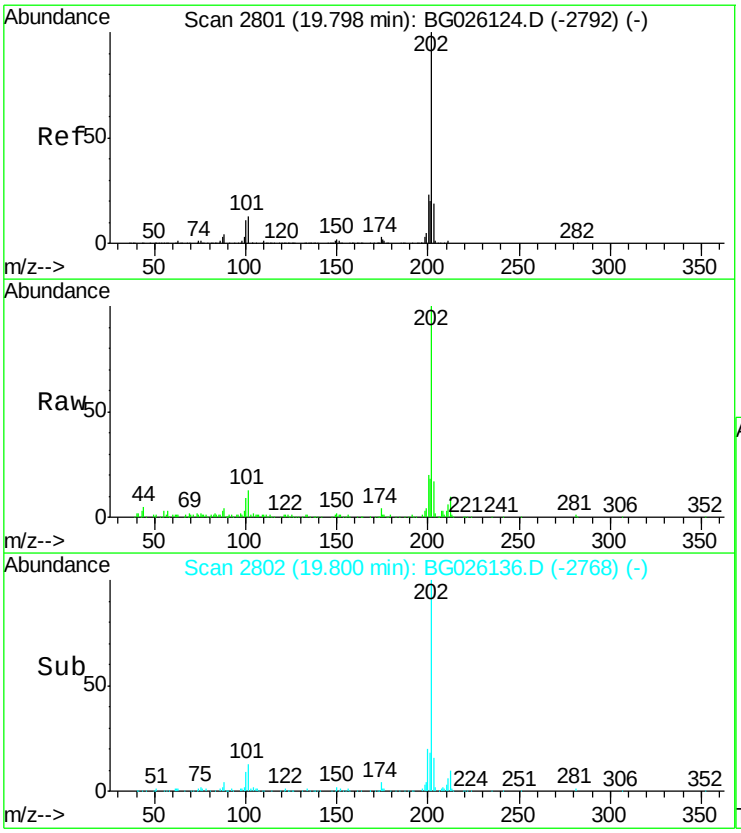
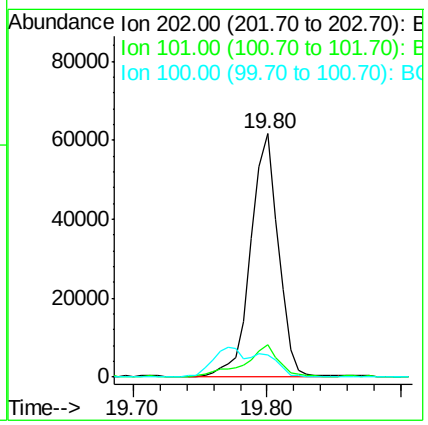
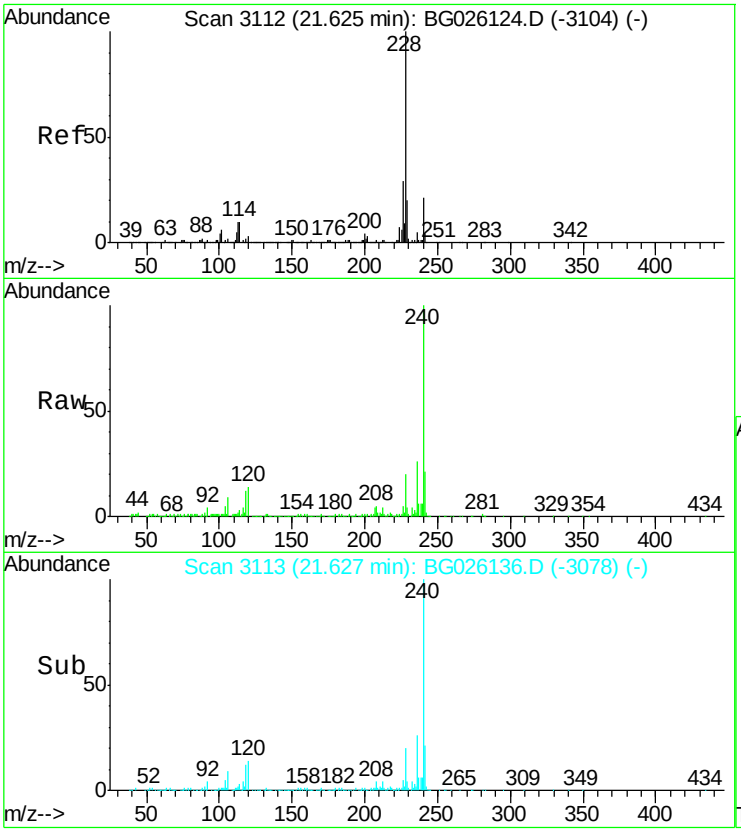


#20
Pyrene
Concen: 1.59 ng/ul
RT: 19.80 min Scan# 2802
Delta R.T. -0.00 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:202 Resp: 88222

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.2	16.8
100	9.2	9.8	14.6#

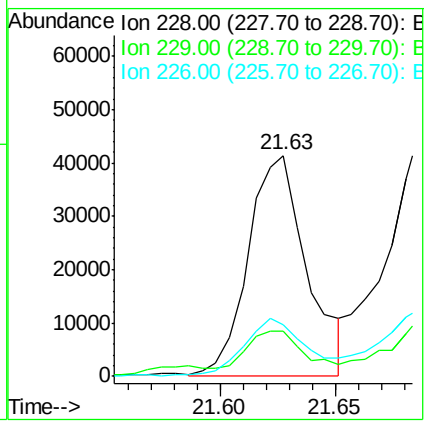




#21
Benzo(a)anthracene
Concen: 1.50 ng/ul
RT: 21.63 min Scan# 3113
Delta R.T. 0.01 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:228 Resp: 72776

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	23.3	22.1	33.1



Instrument :
BNA_G
ClientSampleId :
C0AK3

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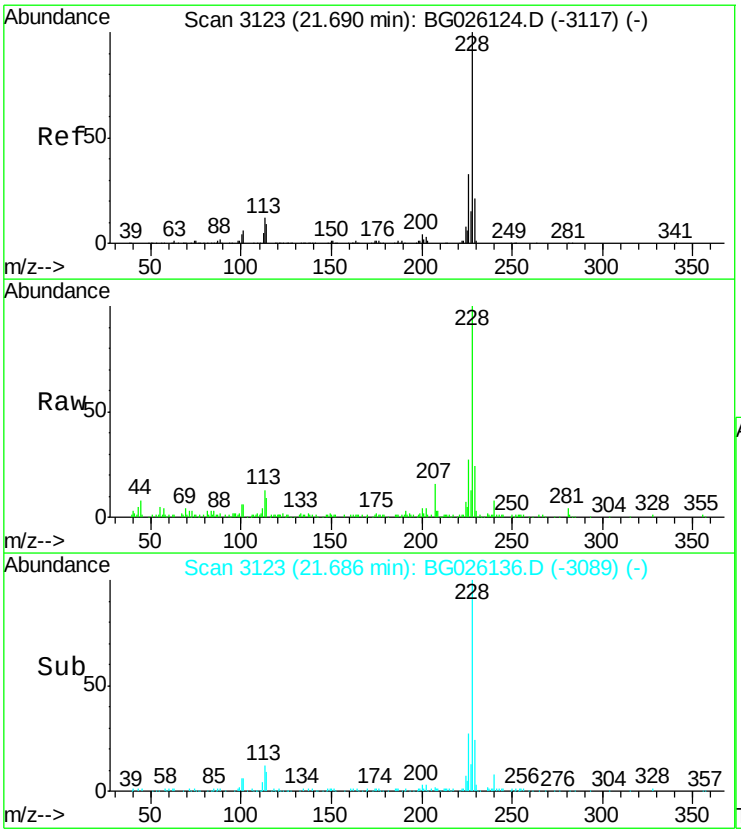
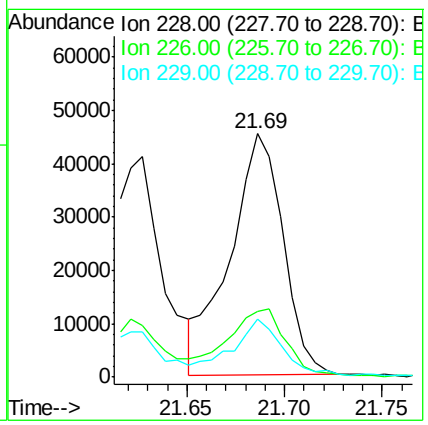
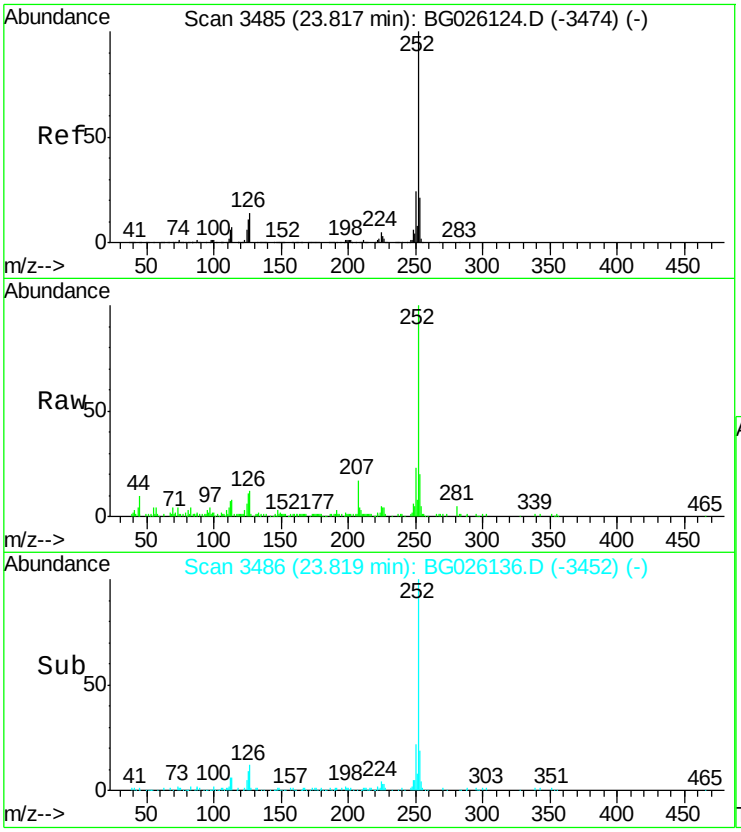


#22
Chrysene
Concen: 1.88 ng/ul
RT: 21.69 min Scan# 3123
Delta R.T. -0.00 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:228 Resp: 85247

Ion	Ratio	Lower	Upper
228	100		
226	27.1	25.0	37.6
229	24.0	16.6	25.0

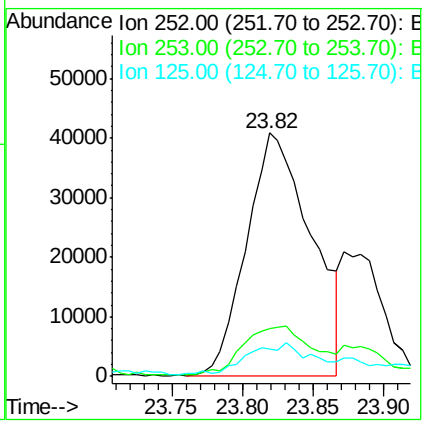




#24
Benzo(b)fluoranthene
Concen: 2.71 ng/ul
RT: 23.82 min Scan# 3486
Delta R.T. -0.00 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:252 Resp: 131066

Ion	Ratio	Lower	Upper
252	100		
253	19.6	17.8	26.6
125	11.1	9.4	14.0



Instrument :
BNA_G
ClientSampleId :
C0AK3

Manual Integrations APPROVED
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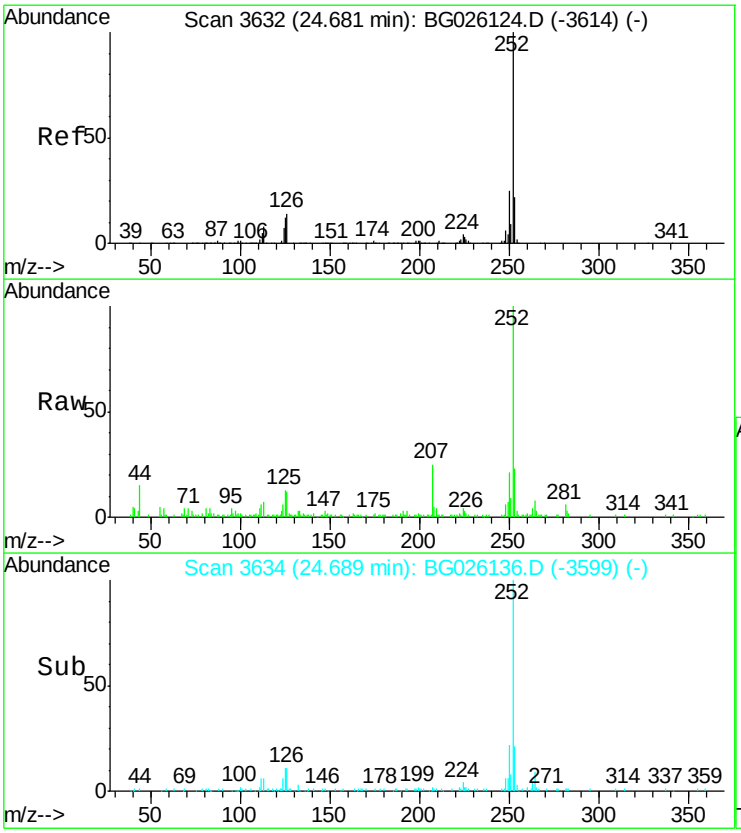
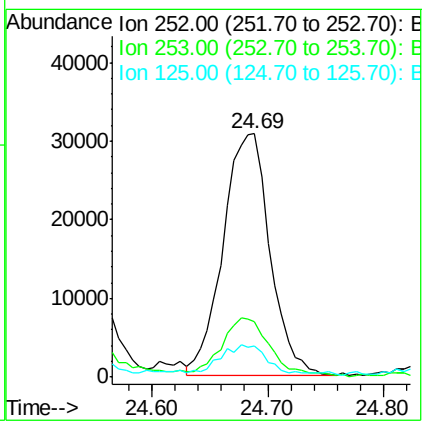
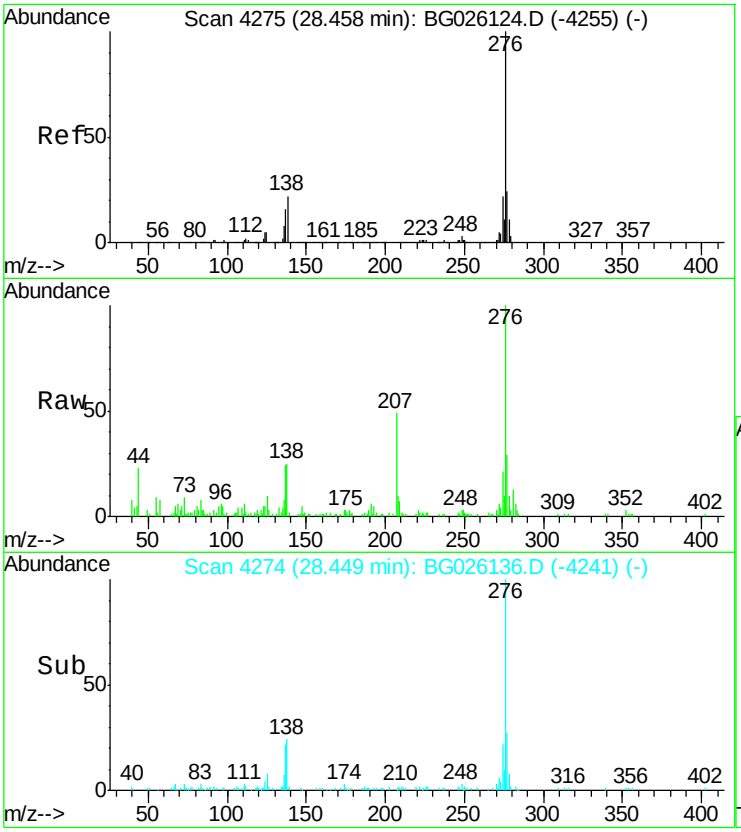


#27
Benzo(a)pyrene
Concen: 1.92 ng/ul
RT: 24.69 min Scan# 3634
Delta R.T. 0.01 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:252 Resp: 86305

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.7	9.4	14.2

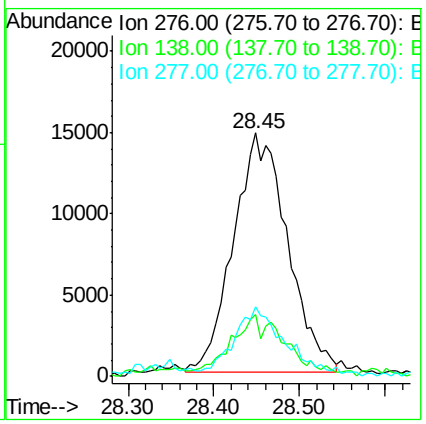




#28
Indeno(1,2,3-cd)pyrene
Concen: 1.31 ng/ul m
RT: 28.45 min Scan# 4274
Delta R.T. -0.01 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:276 Resp: 64854

Ion	Ratio	Lower	Upper
276	100		
138	25.3	17.8	26.6
277	28.8	19.4	29.0



Instrument :
BNA_G
ClientSampleId :
C0AK3

Manual Integrations APPROVED
mohammad
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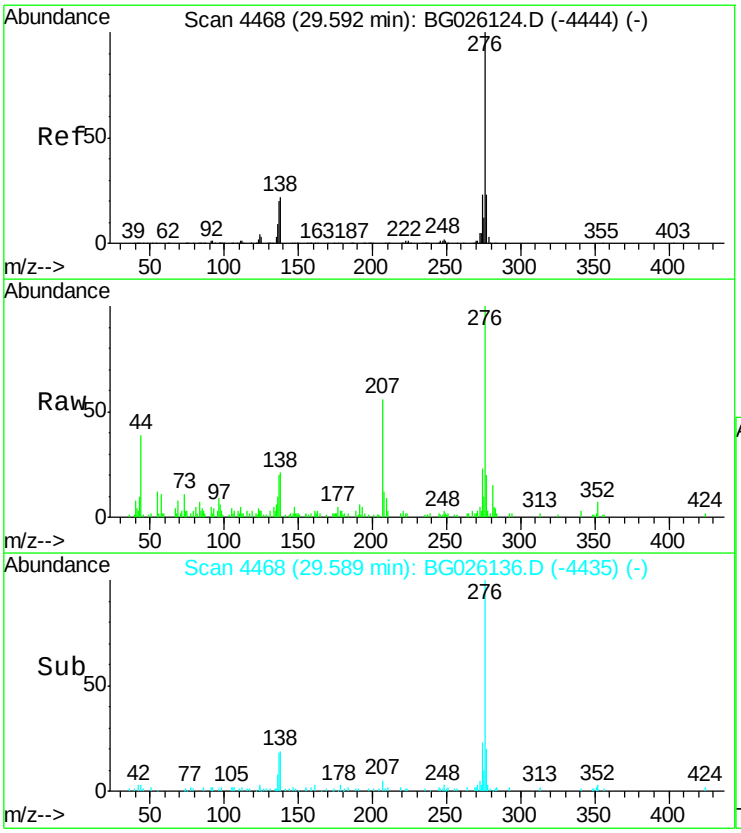

#30
Benzo(g,h,i)perylene
Concen: 1.40 ng/ul m
RT: 29.59 min Scan# 4468
Delta R.T. -0.01 min
Lab File: BG026136.D
Acq: 9 Mar 2017 6:08

Tgt Ion:276 Resp: 59576

Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.0	28.4
277	20.2	19.7	29.5