Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042618\
Data File : BE096181.D
Acq On : 26 Apr 2018 16:18
Operator : SJ/JU
Sample : J2466-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AF2

Manual Integrations APPROVED
Sohil
4/27/2018 7:28:51 PM

Quant Time: Apr 27 04:38:48 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE042418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 27 02:29:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	678	0.40	ng/ul	0.00
2) Naphthalene-d8	11.18	136	2662	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.95	164	1557	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.66	188	3735m	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	5193m	0.40	ng/ul	0.00
20) Perylene-d12	24.35	264	3623m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.74	152	1597	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	5226m	0.30	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.70	178	799m	0.073	ng/ul	
13) Anthracene	17.79	178	261m	0.024	ng/ul	
15) Fluoranthene	19.67	202	1360m	0.081	ng/ul	
17) Pyrene	20.02	202	1046m	0.100	ng/ul	
18) Benzo(a)anthracene	21.73	228	578m	0.037	ng/ul	
19) Chrysene	21.79	228	696m	0.048	ng/ul	
21) Benzo(b)fluoranthene	23.55	252	828m	0.060	ng/ul	
23) Benzo(a)pyrene	24.24	252	347	0.029	ng/ul#	65

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

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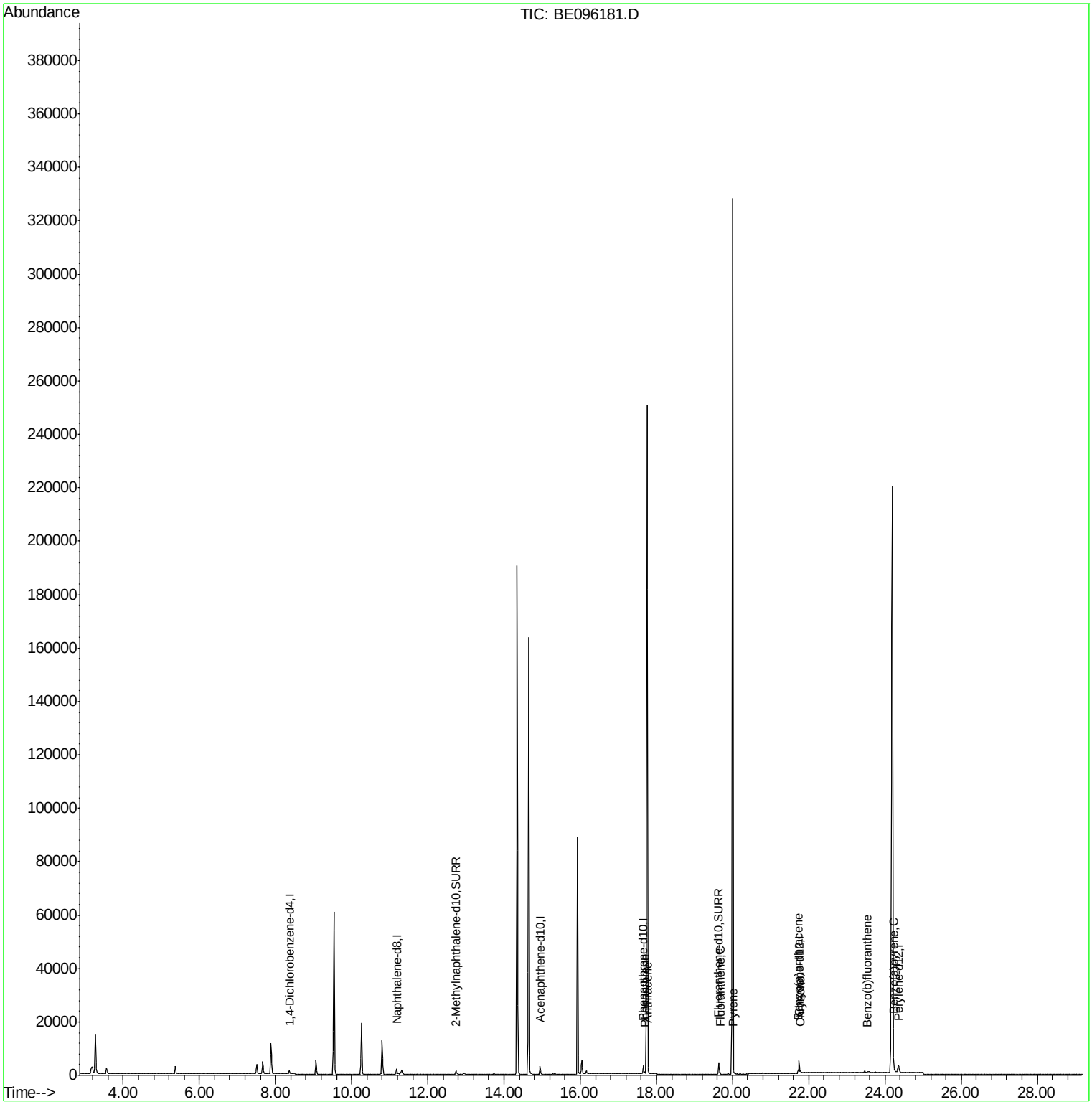
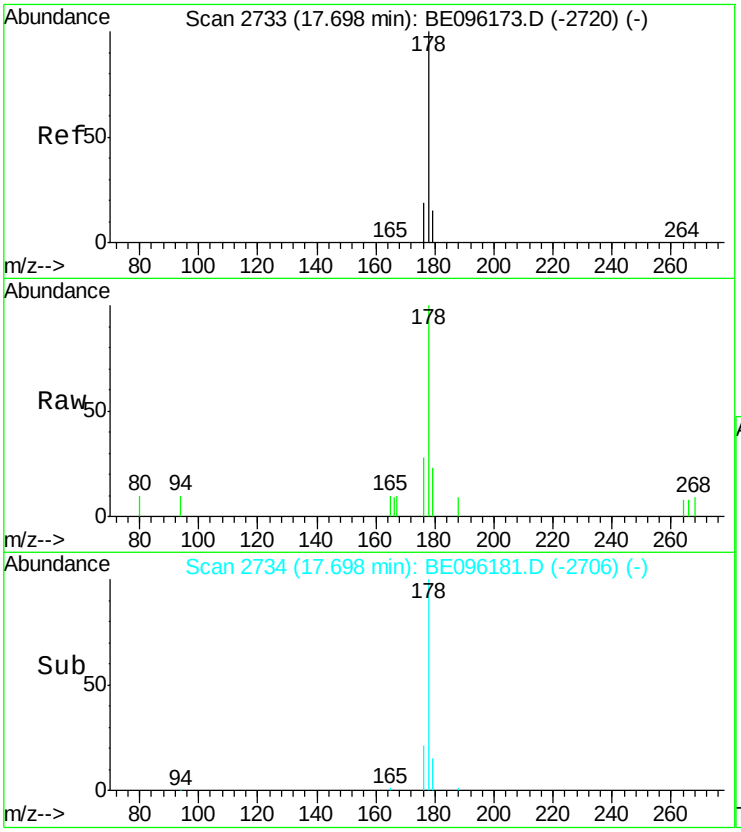
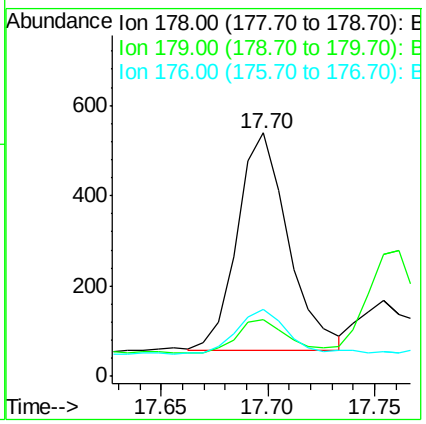




#12
Phenanthrene
Concen: 0.073 ng/ul m
RT: 17.70 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:178 Resp: 799

Ion	Ratio	Lower	Upper
178	100		
179	23.2	18.4	27.6
176	27.6	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
C0AF2

Manual Integrations APPROVED
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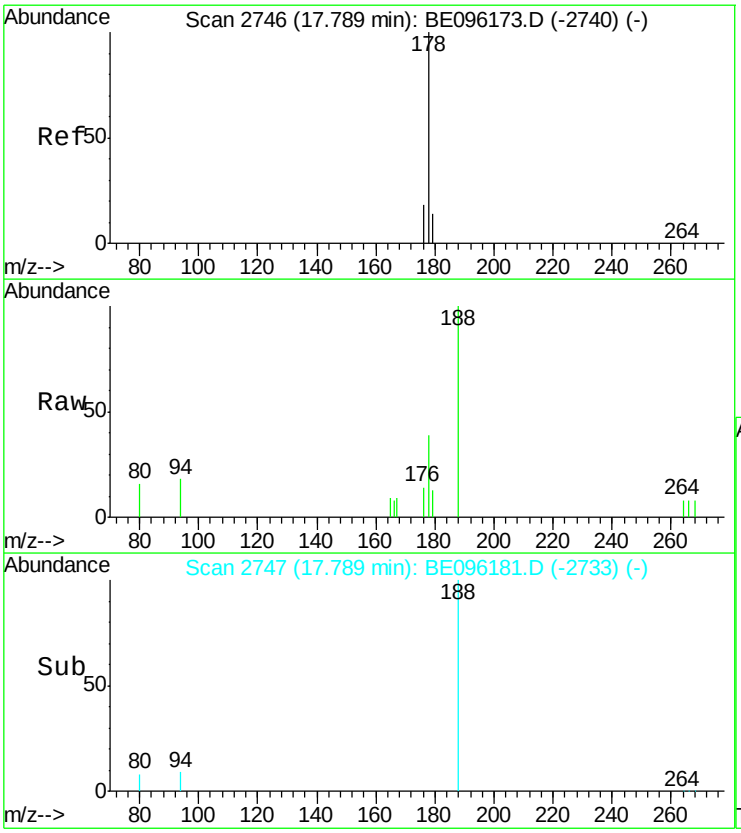
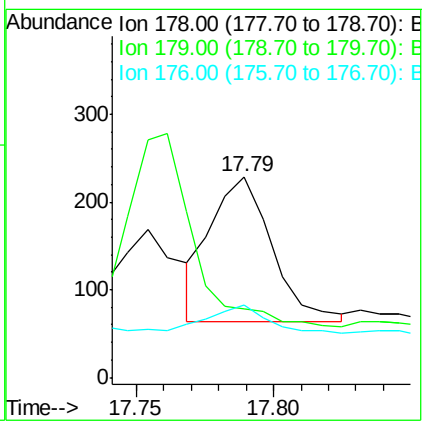
4/27/2018 7:28:51 PM

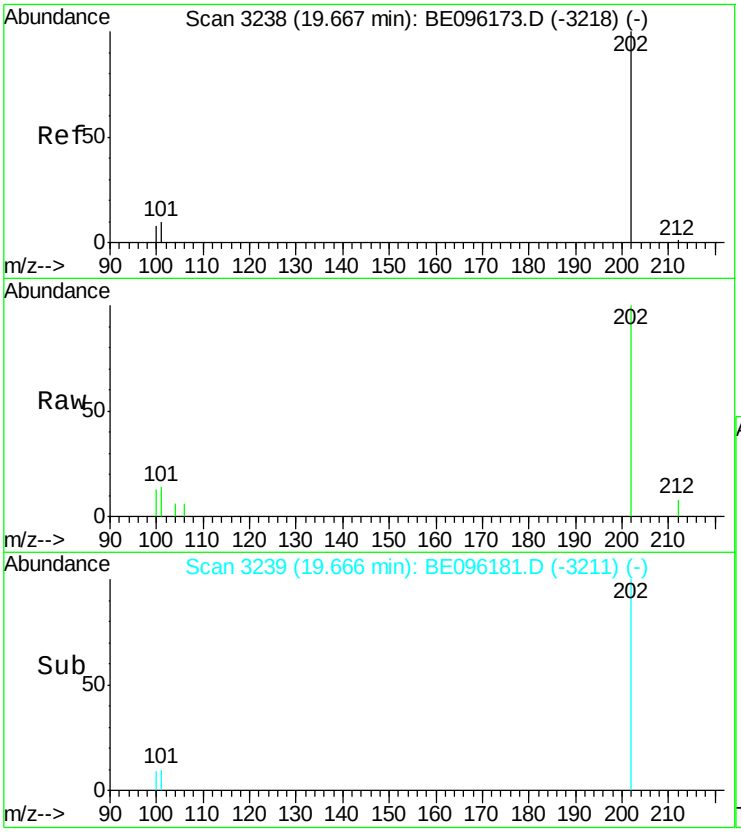


#13
Anthracene
Concen: 0.024 ng/ul m
RT: 17.79 min Scan# 2747
Delta R.T. 0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:178 Resp: 261

Ion	Ratio	Lower	Upper
178	100		
179	34.1	18.1	27.1#
176	35.8	14.7	22.1#

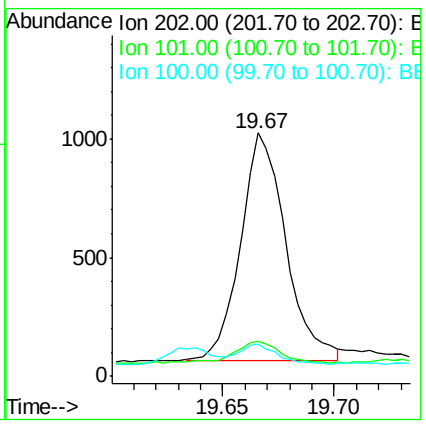




#15
Fluoranthene
Concen: 0.081 ng/ul m
RT: 19.67 min Scan# 3239
Delta R.T. -0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:202 Resp: 1360

Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	30.3
100	13.2	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
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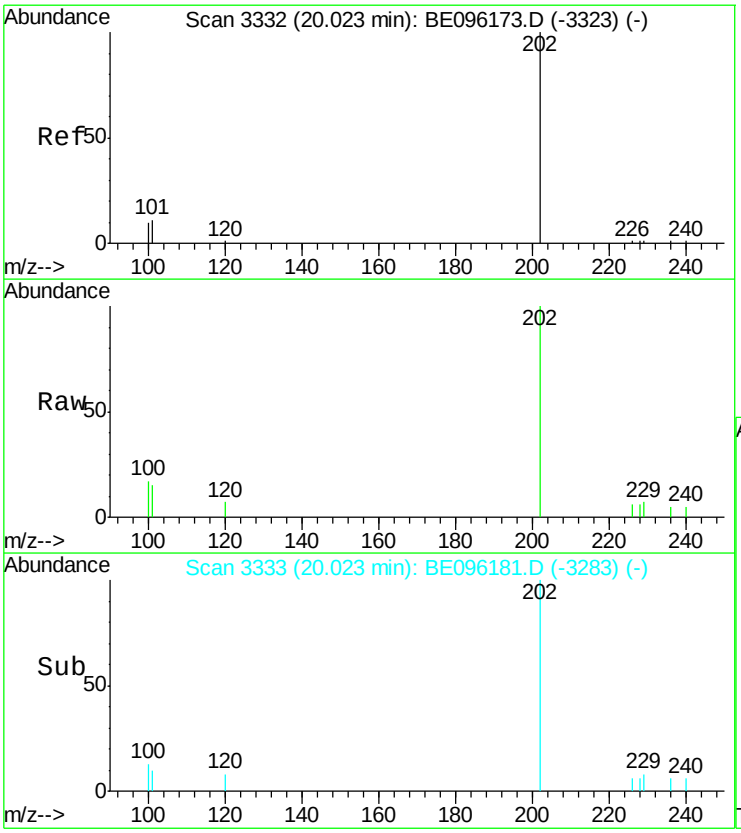
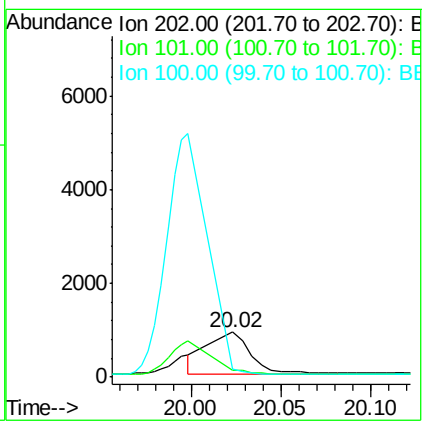
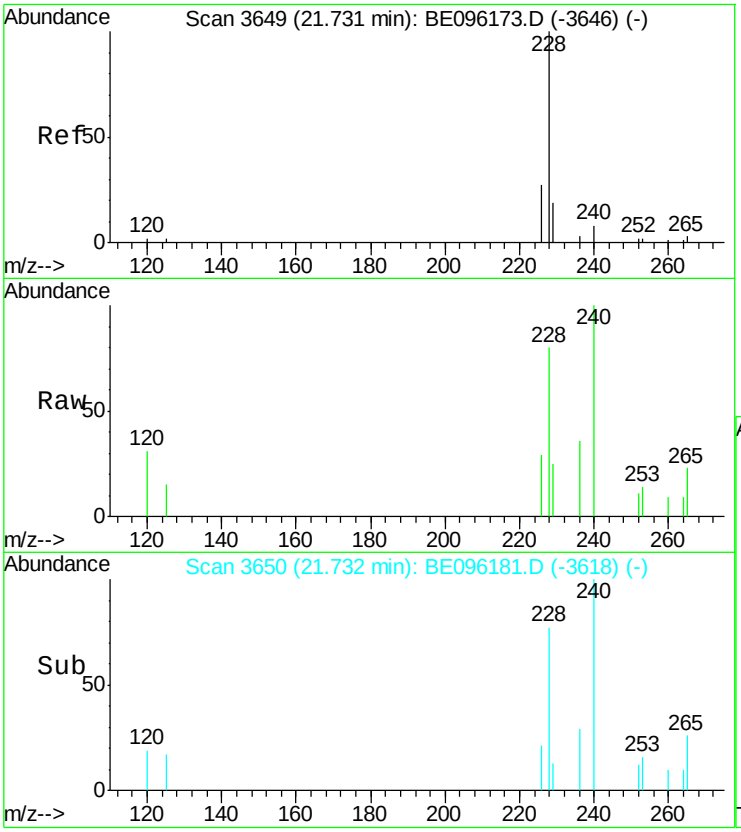


#17
Pyrene
Concen: 0.100 ng/ul m
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:202 Resp: 1046

Ion	Ratio	Lower	Upper
202	100		
101	15.4	18.2	27.4#
100	17.3	15.6	23.4





#18
Benzo(a)anthracene
Concen: 0.037 ng/ul m
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:228 Resp: 578

Ion	Ratio	Lower	Upper
228	100		
229	31.1	22.8	34.2
226	36.7	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
C0AF2

Manual Integrations APPROVED
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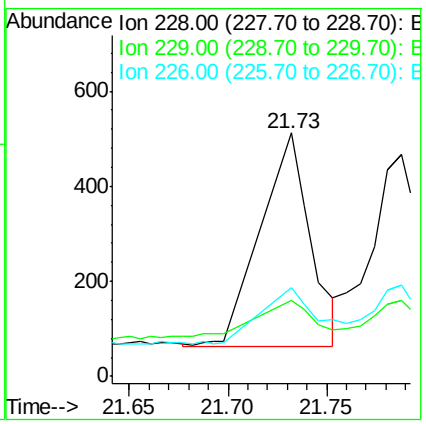
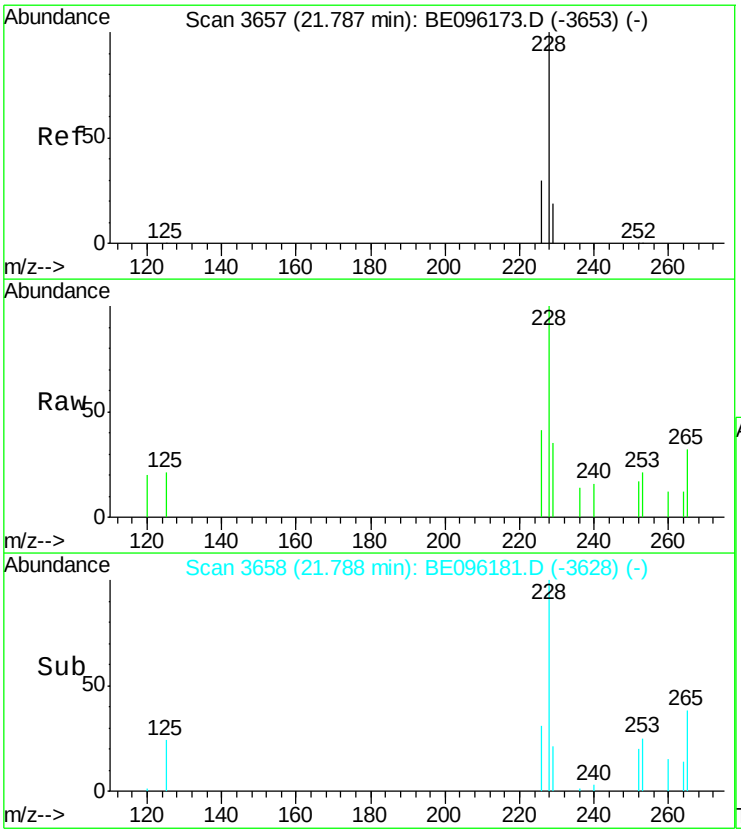
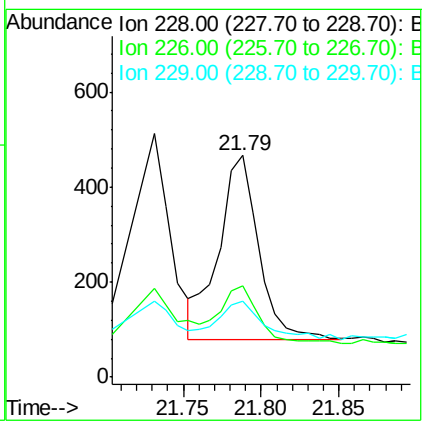


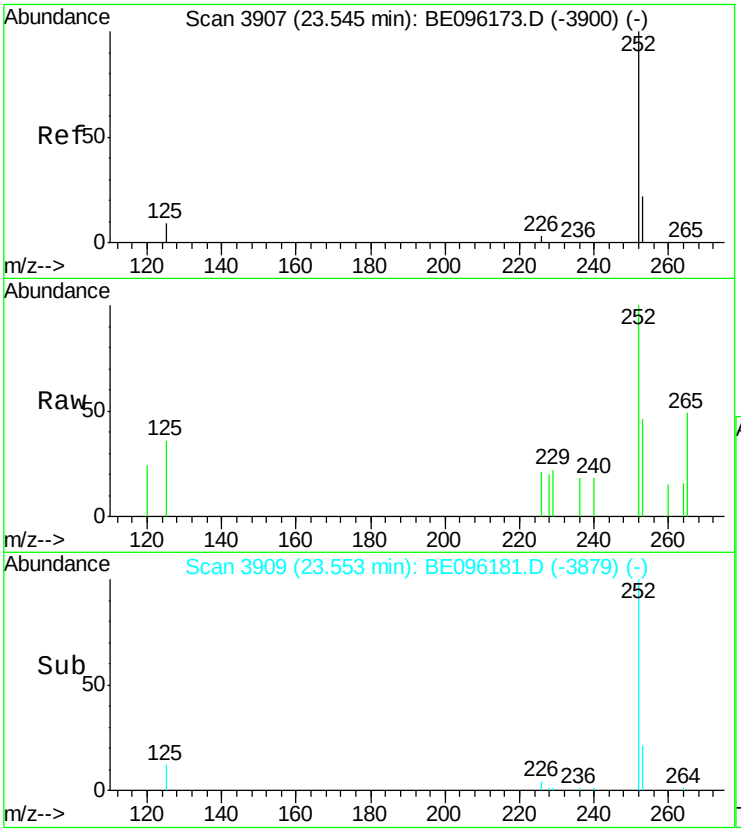


#19
Chrysene
Concen: 0.048 ng/ul m
RT: 21.79 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:228 Resp: 696

Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.4	35.0#
229	34.5	17.7	26.5#

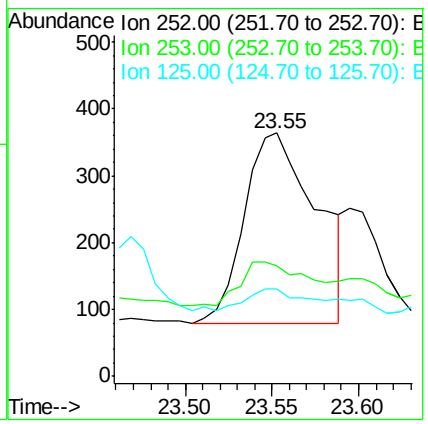




#21
Benzo(b)fluoranthene
Concen: 0.060 ng/ul m
RT: 23.55 min Scan# 3909
Delta R.T. 0.01 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:252 Resp: 828

Ion	Ratio	Lower	Upper
252	100		
253	45.6	0.0	64.2
125	35.7	0.0	35.0#



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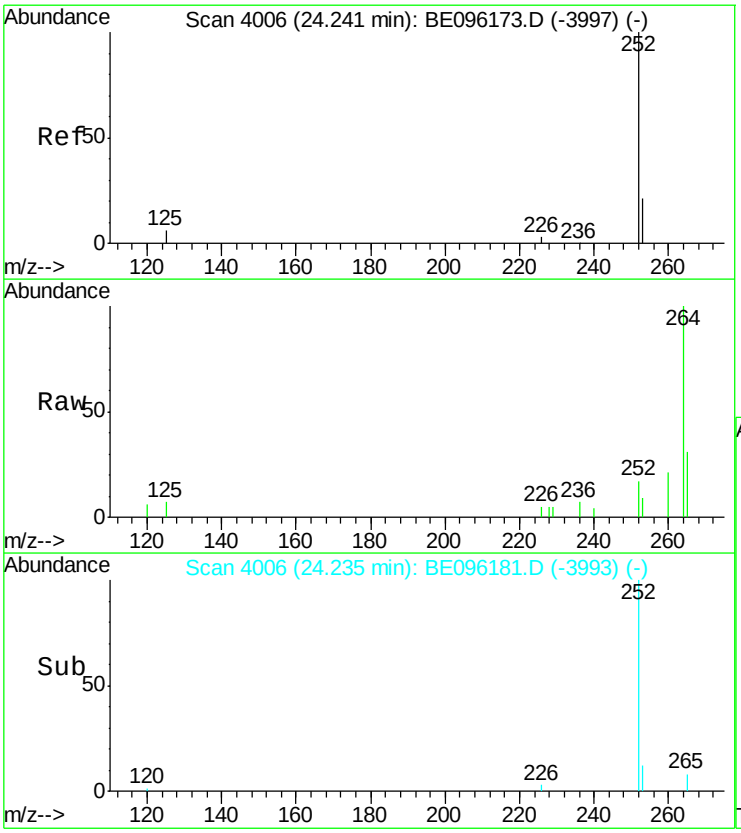

#23
Benzo(a)pyrene
Concen: 0.029 ng/ul
RT: 24.24 min Scan# 4006
Delta R.T. -0.01 min
Lab File: BE096181.D
Acq: 26 Apr 2018 16:18

Tgt Ion:252 Resp: 347

Ion	Ratio	Lower	Upper
252	100		
253	52.2	28.5	42.7#
125	44.0	18.1	27.1#