Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096338.D
Acq On : 4 May 2018 00:19
Operator : SJ/JU
Sample : J2440-15
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:14 PM

Quant Time: May 04 04:17:58 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE050318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 04 01:53:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	710	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3076	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	1952	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	4855m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5357m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4187m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1274	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	4212m	0.20	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.69	178	880m	0.060	ng/ul	
15) Fluoranthene	19.66	202	4456m	0.214	ng/ul	
17) Pyrene	20.02	202	2283m	0.379	ng/ul	
18) Benzo(a)anthracene	21.73	228	1325m	0.158	ng/ul	
19) Chrysene	21.78	228	1239m	0.077	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	3729m	0.260	ng/ul	
22) Benzo(k)fluoranthene	23.58	252	1168m	0.084	ng/ul	
23) Benzo(a)pyrene	24.23	252	1928	0.144	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	27.12	276	1458	0.098	ng/ul#	73
26) Benzo(g,h,i)perylene	27.97	276	1475	0.118	ng/ul#	85

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

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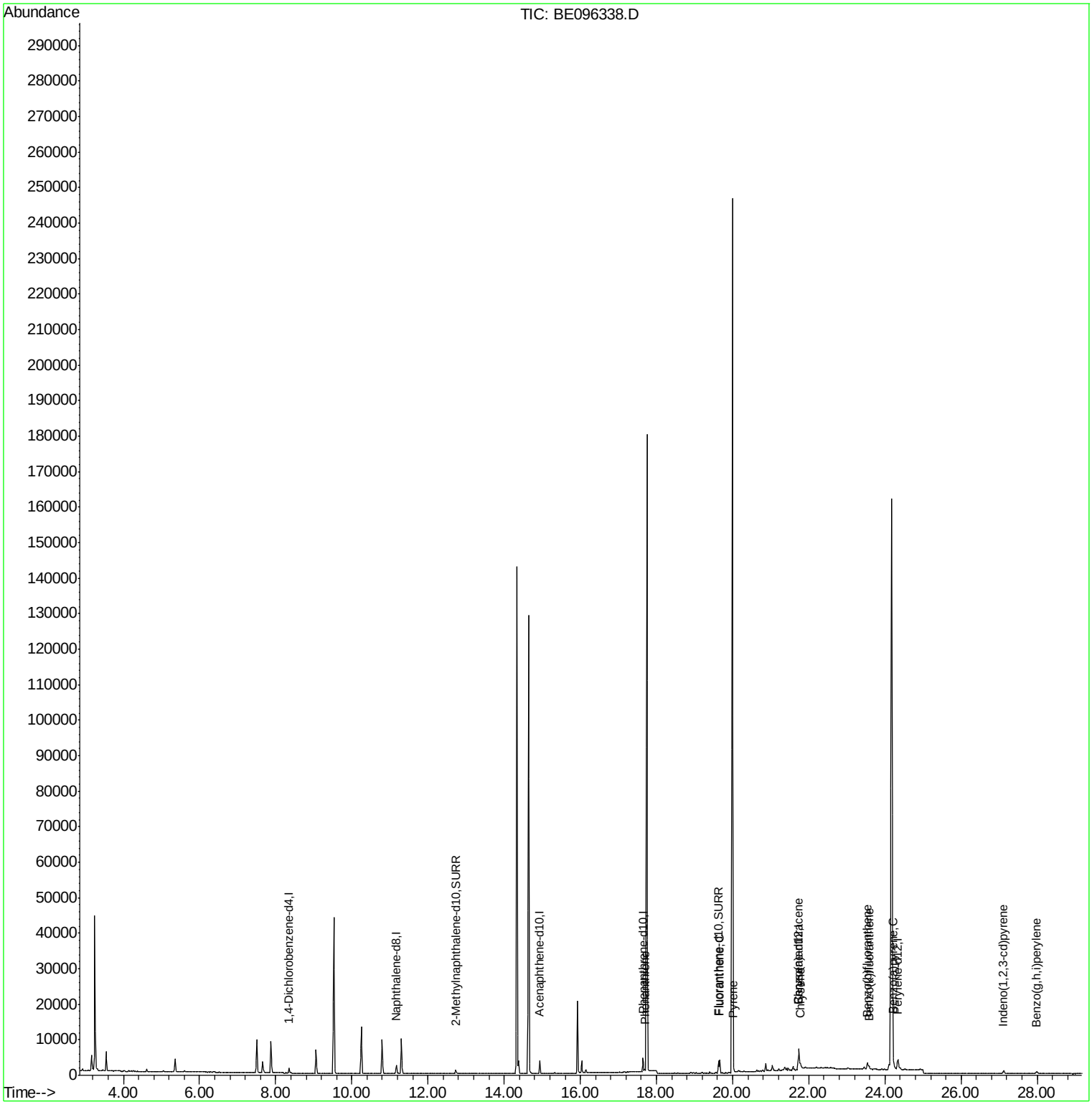
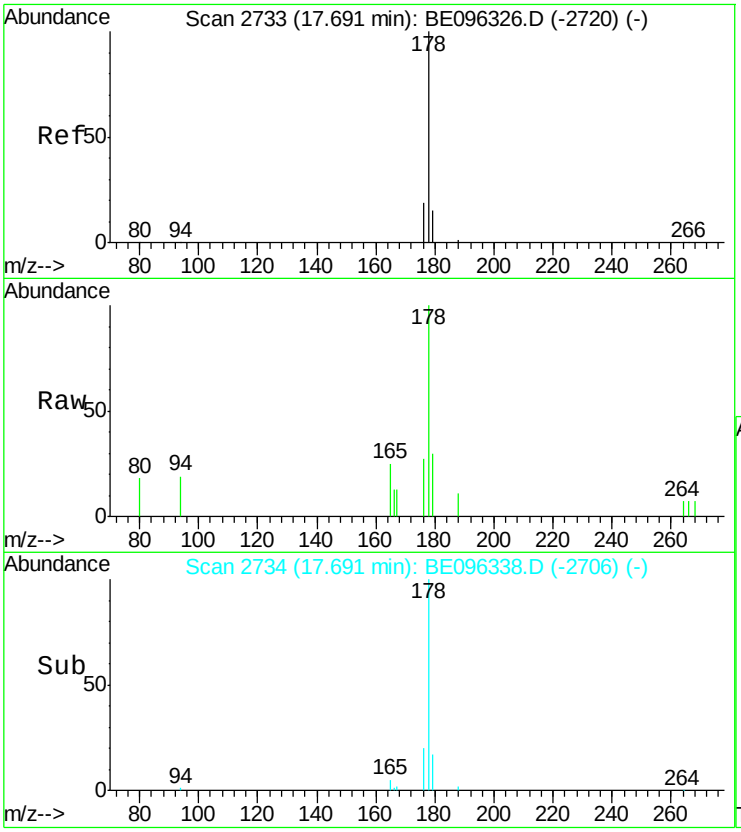
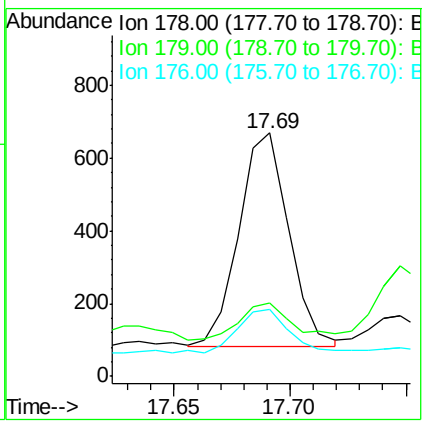




#12
Phenanthrene
Concen: 0.060 ng/ul m
RT: 17.69 min Scan# 2734
Delta R.T. 0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:178 Resp: 880

Ion	Ratio	Lower	Upper
178	100		
179	30.2	18.4	27.6#
176	27.4	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
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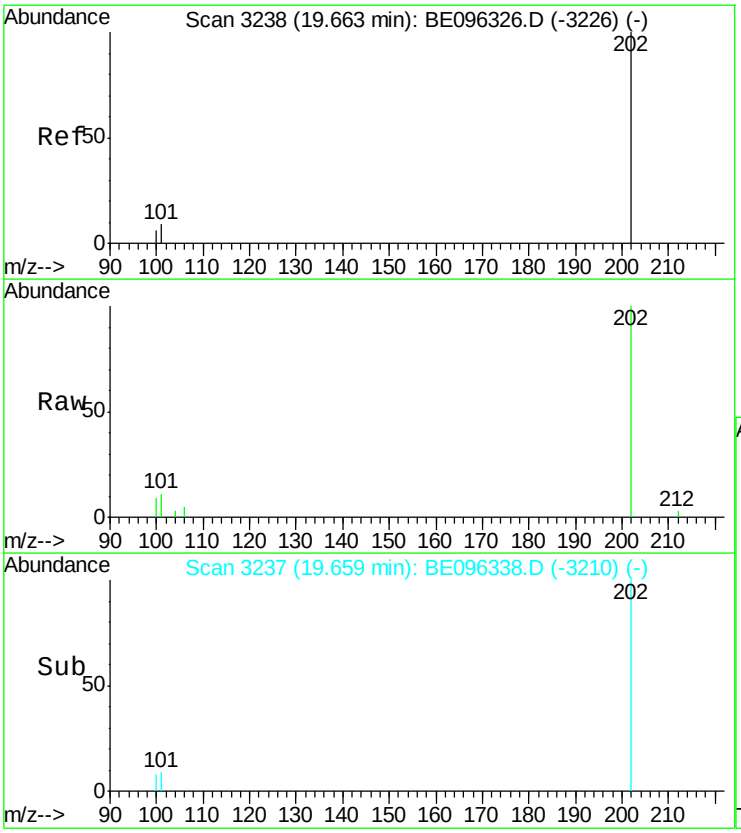
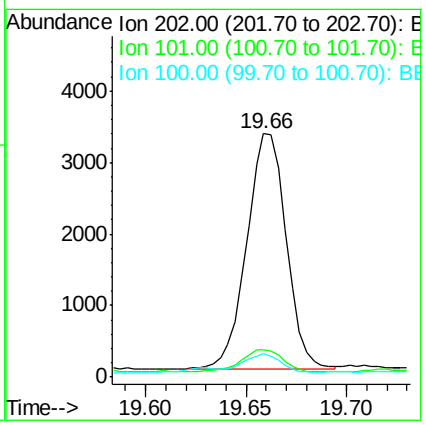
5/4/2018 1:35:14 PM

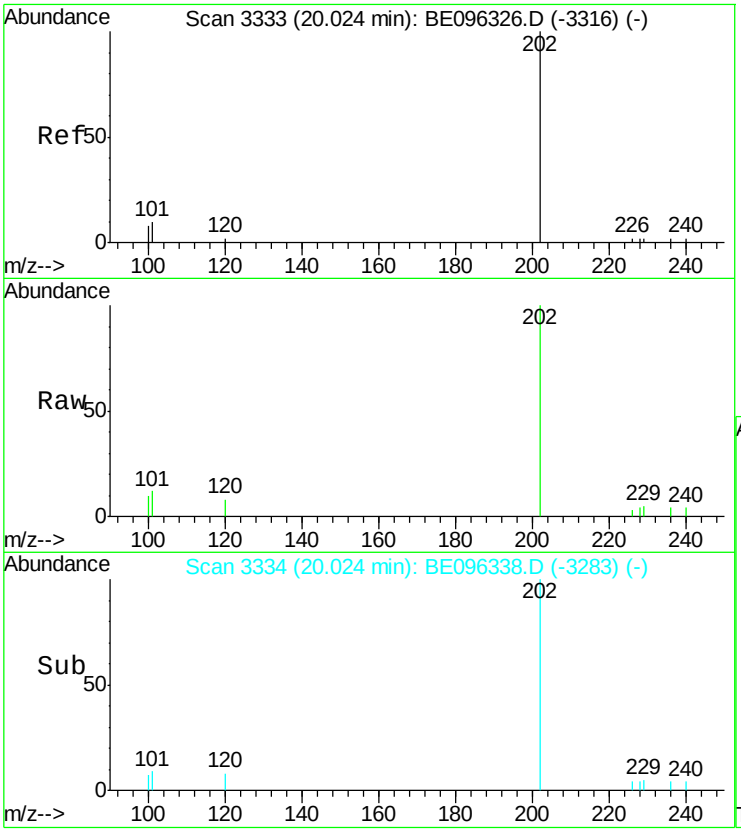


#15
Fluoranthene
Concen: 0.214 ng/ul m
RT: 19.66 min Scan# 3237
Delta R.T. -0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:202 Resp: 4456

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	30.3
100	9.4	0.0	39.5

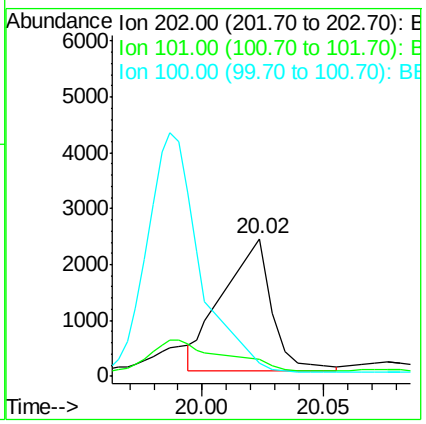




#17
Pyrene
Concen: 0.379 ng/ul m
RT: 20.02 min Scan# 3334
Delta R.T. -0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:202 Resp: 2283

Ion	Ratio	Lower	Upper
202	100		
101	12.4	18.2	27.4#
100	9.7	15.6	23.4#



Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
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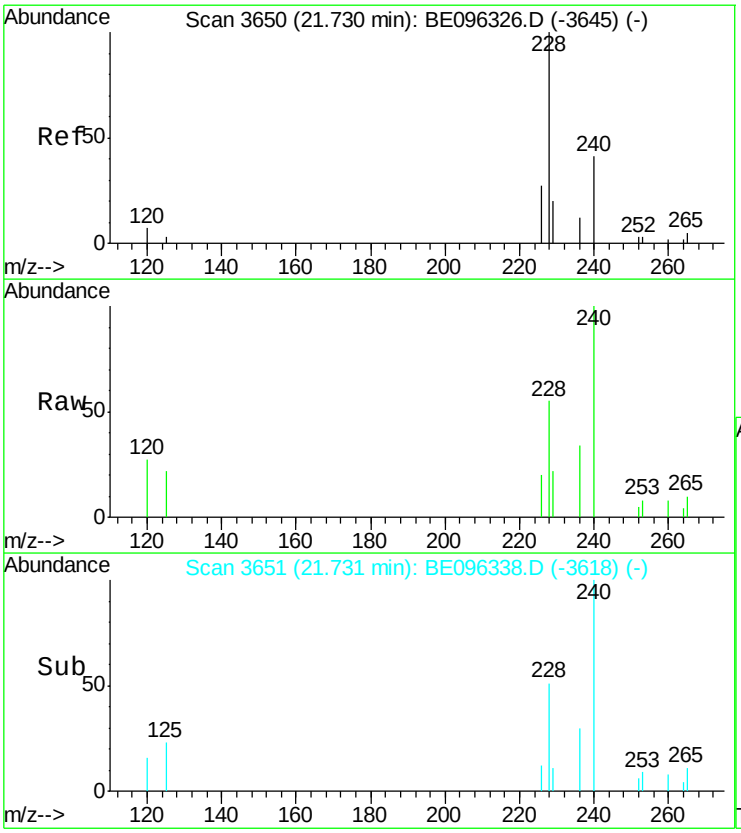
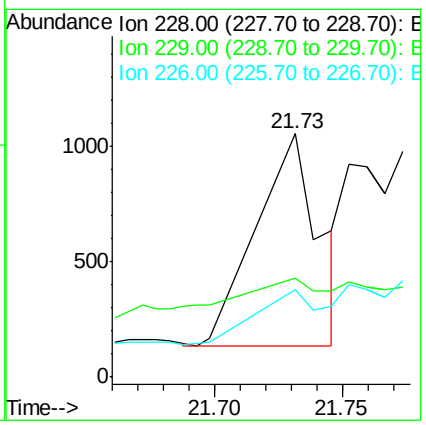
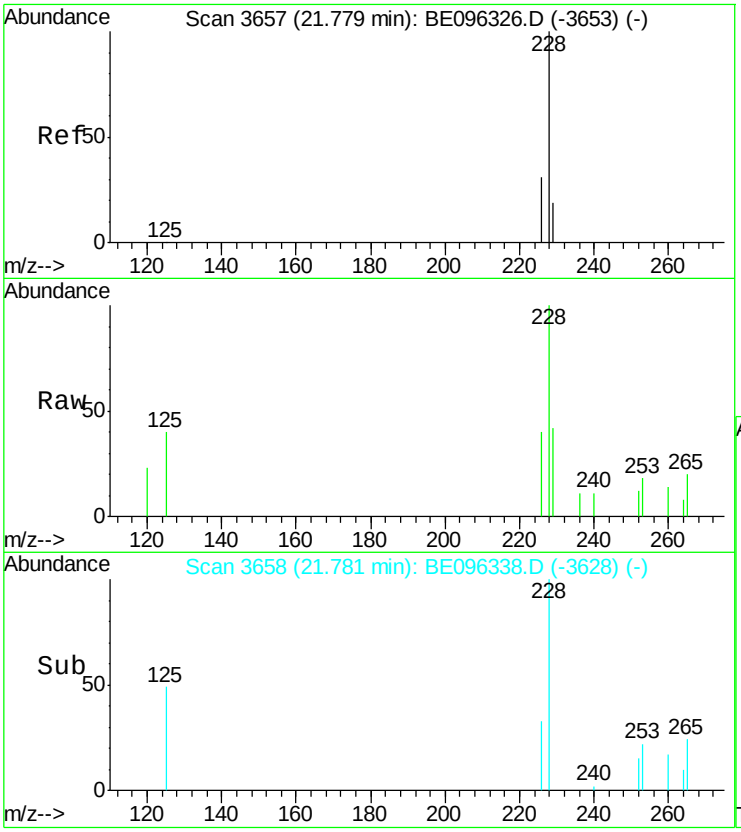


#18
Benzo(a)anthracene
Concen: 0.158 ng/ul m
RT: 21.73 min Scan# 3651
Delta R.T. 0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:228 Resp: 1325

Ion	Ratio	Lower	Upper
228	100		
229	40.6	22.8	34.2#
226	36.0	17.0	25.6#





#19
Chrysene
Concen: 0.077 ng/ul m
RT: 21.78 min Scan# 3658
Delta R.T. 0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:228 Resp: 1239

Ion	Ratio	Lower	Upper
228	100		
226	40.2	23.4	35.0#
229	41.7	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
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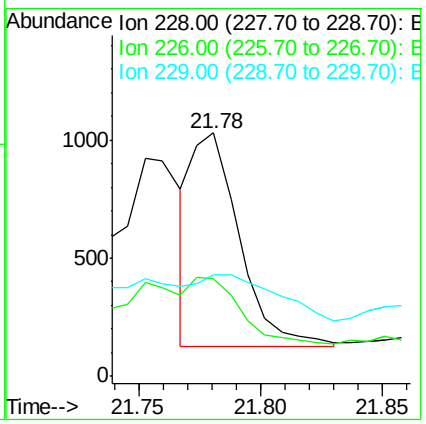
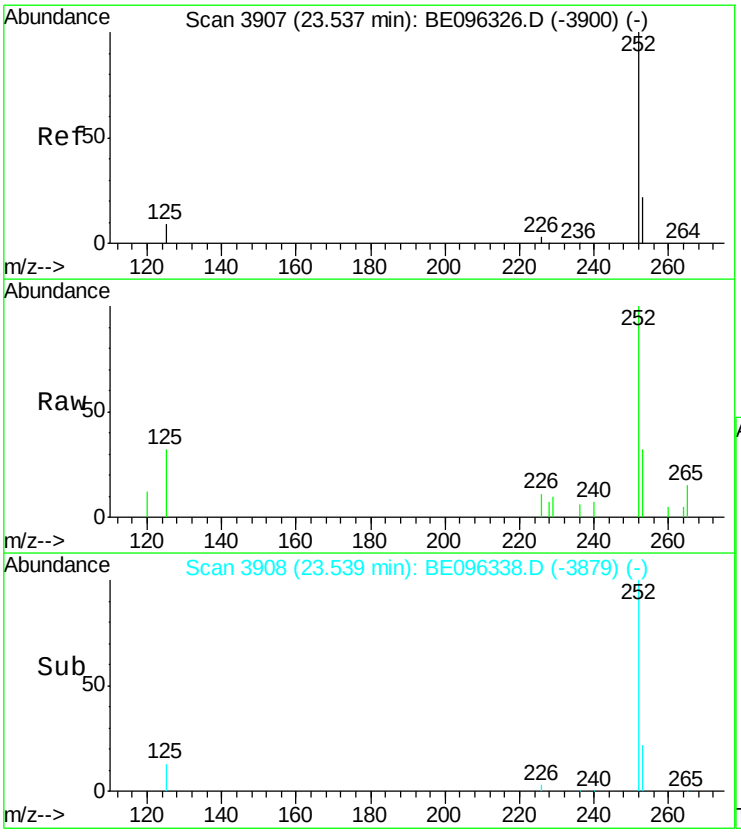
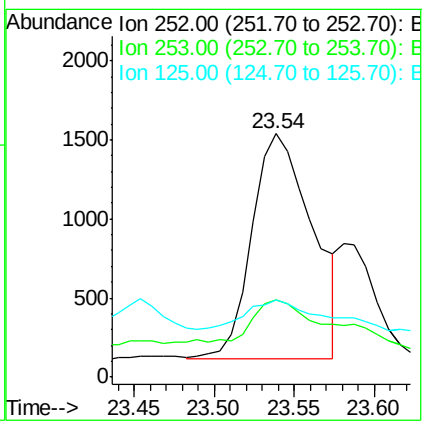


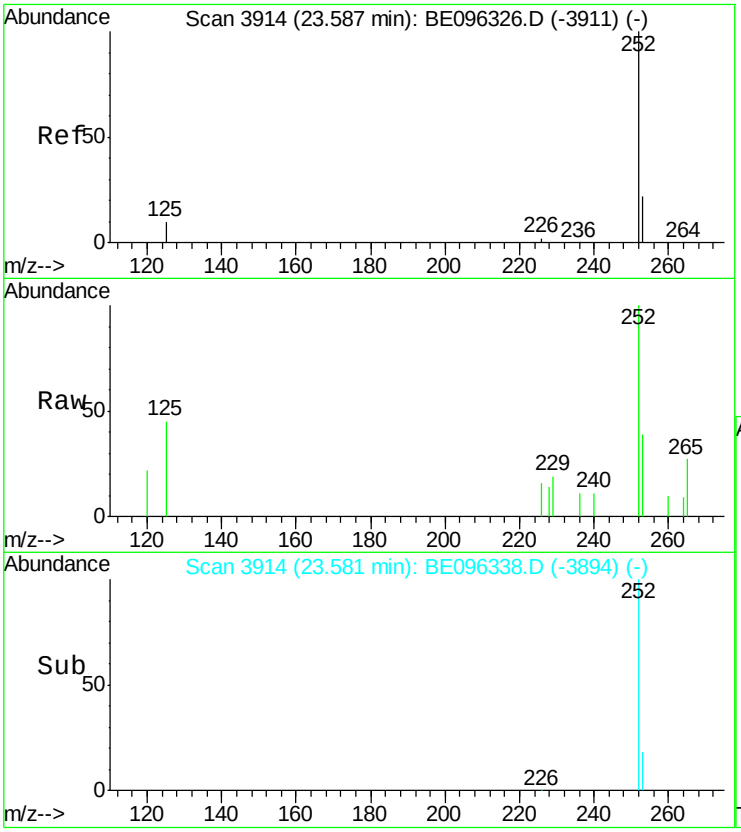


#21
Benzo(b)fluoranthene
Concen: 0.260 ng/ul m
RT: 23.54 min Scan# 3908
Delta R.T. 0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:252 Resp: 3729

Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	64.2
125	31.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.084 ng/ul m
RT: 23.58 min Scan# 3914
Delta R.T. -0.01 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:252 Resp: 1168

Ion	Ratio	Lower	Upper
252	100		
253	38.9	24.5	36.7#
125	44.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
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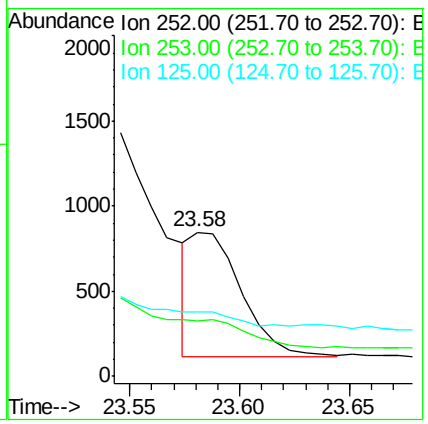
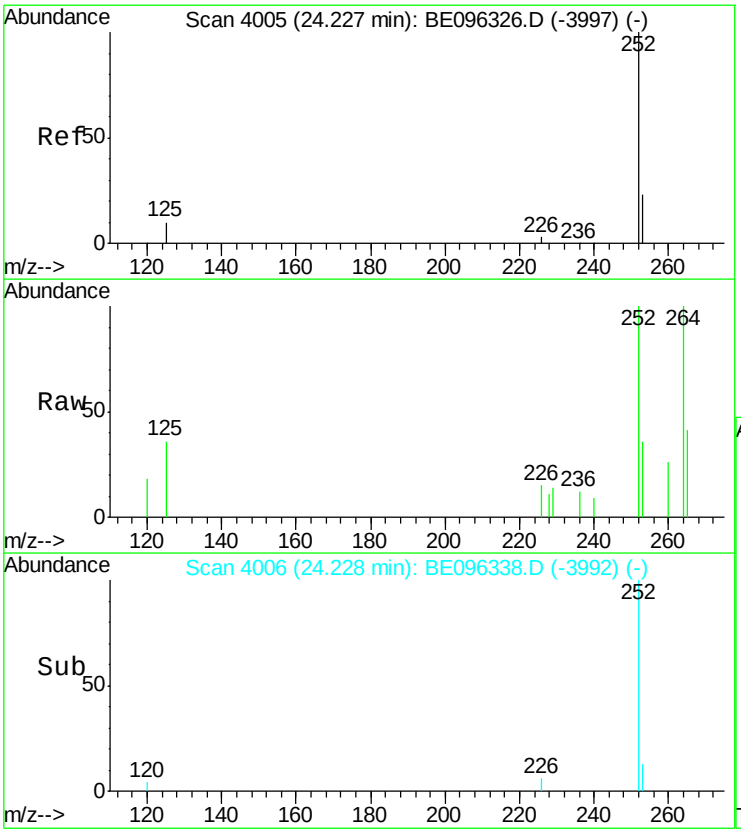
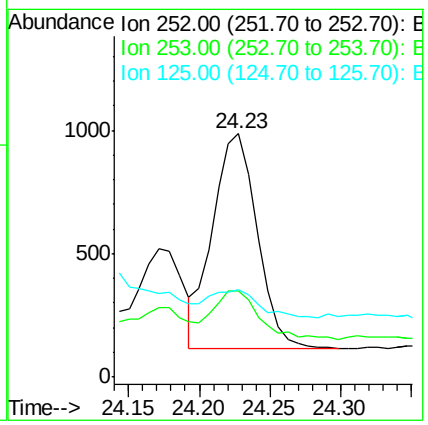


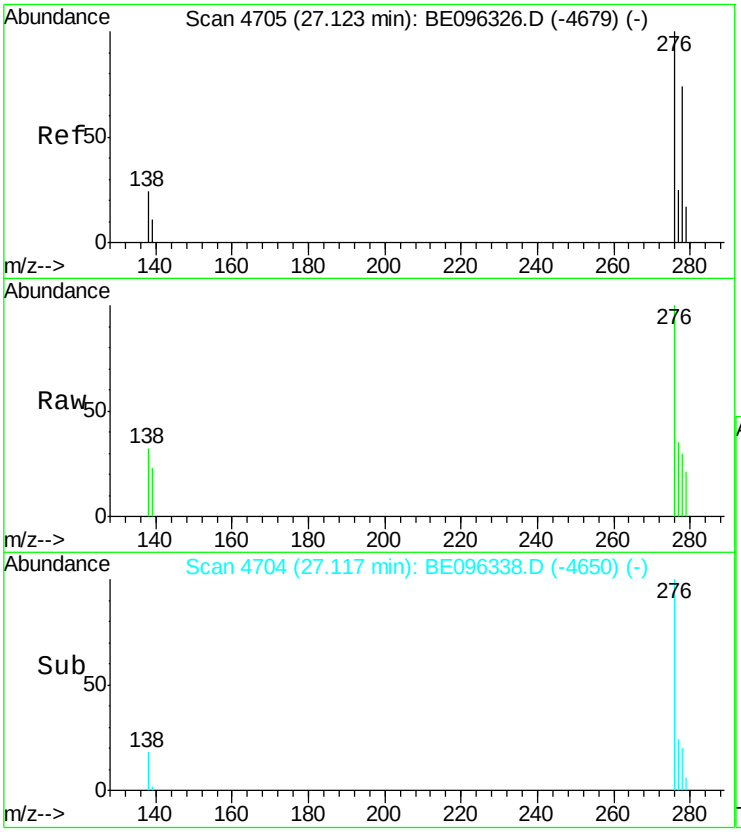


#23
Benzo(a)pyrene
Concen: 0.144 ng/ul
RT: 24.23 min Scan# 4006
Delta R.T. 0.00 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:252 Resp: 1928

Ion	Ratio	Lower	Upper
252	100		
253	35.6	28.5	42.7
125	36.0	18.1	27.1#





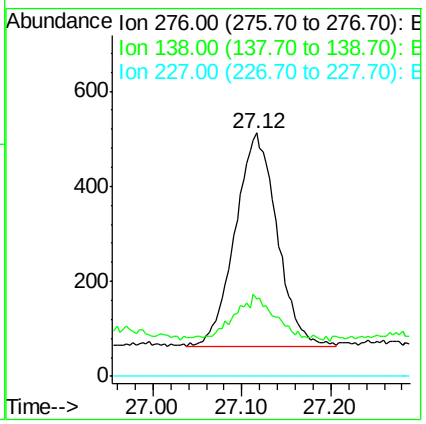
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.098 ng/ul
RT: 27.12 min Scan# 4704
Delta R.T. -0.01 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

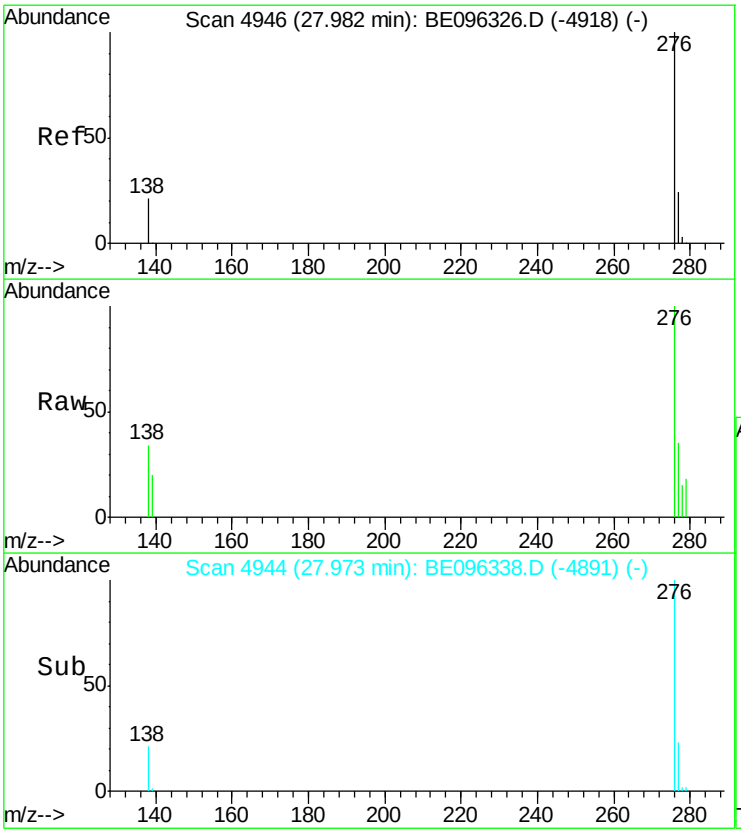
Tgt Ion:276 Resp: 1458

Ion	Ratio	Lower	Upper
276	100		
138	19.3	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Y31

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:14 PM





#26
Benzo(g,h,i)perylene
Concen: 0.118 ng/ul
RT: 27.97 min Scan# 4944
Delta R.T. -0.01 min
Lab File: BE096338.D
Acq: 4 May 2018 00:19

Tgt Ion:276 Resp: 1475

Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.8#
277	34.7	20.5	30.7#