Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE050318\
Data File : BE096335.D
Acq On : 3 May 2018 22:32
Operator : SJ/JU
Sample : J2440-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:07 PM

Quant Time: May 04 03:53:49 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	755	0.40	ng/ul	0.00
2) Naphthalene-d8	11.17	136	3390	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.94	164	2160	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	5365m	0.40	ng/ul	0.00
16) Chrysene-d12	21.74	240	5673m	0.40	ng/ul	0.00
20) Perylene-d12	24.34	264	4750m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.73	152	1619	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.63	212	5690m	0.25	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.69	178	601m	0.037	ng/ul	
15) Fluoranthene	19.66	202	1701m	0.074	ng/ul	
17) Pyrene	20.02	202	452m	0.071	ng/ul	
18) Benzo(a)anthracene	21.73	228	395m	0.045	ng/ul	
19) Chrysene	21.78	228	886m	0.052	ng/ul	
21) Benzo(b)fluoranthene	23.54	252	1153m	0.071	ng/ul	
22) Benzo(k)fluoranthene	23.59	252	377m	0.024	ng/ul	
23) Benzo(a)pyrene	24.23	252	671	0.044	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	27.12	276	540	0.032	ng/ul#	77
26) Benzo(g,h,i)perylene	27.99	276	558	0.039	ng/ul#	66

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

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Manual Integrations APPROVED
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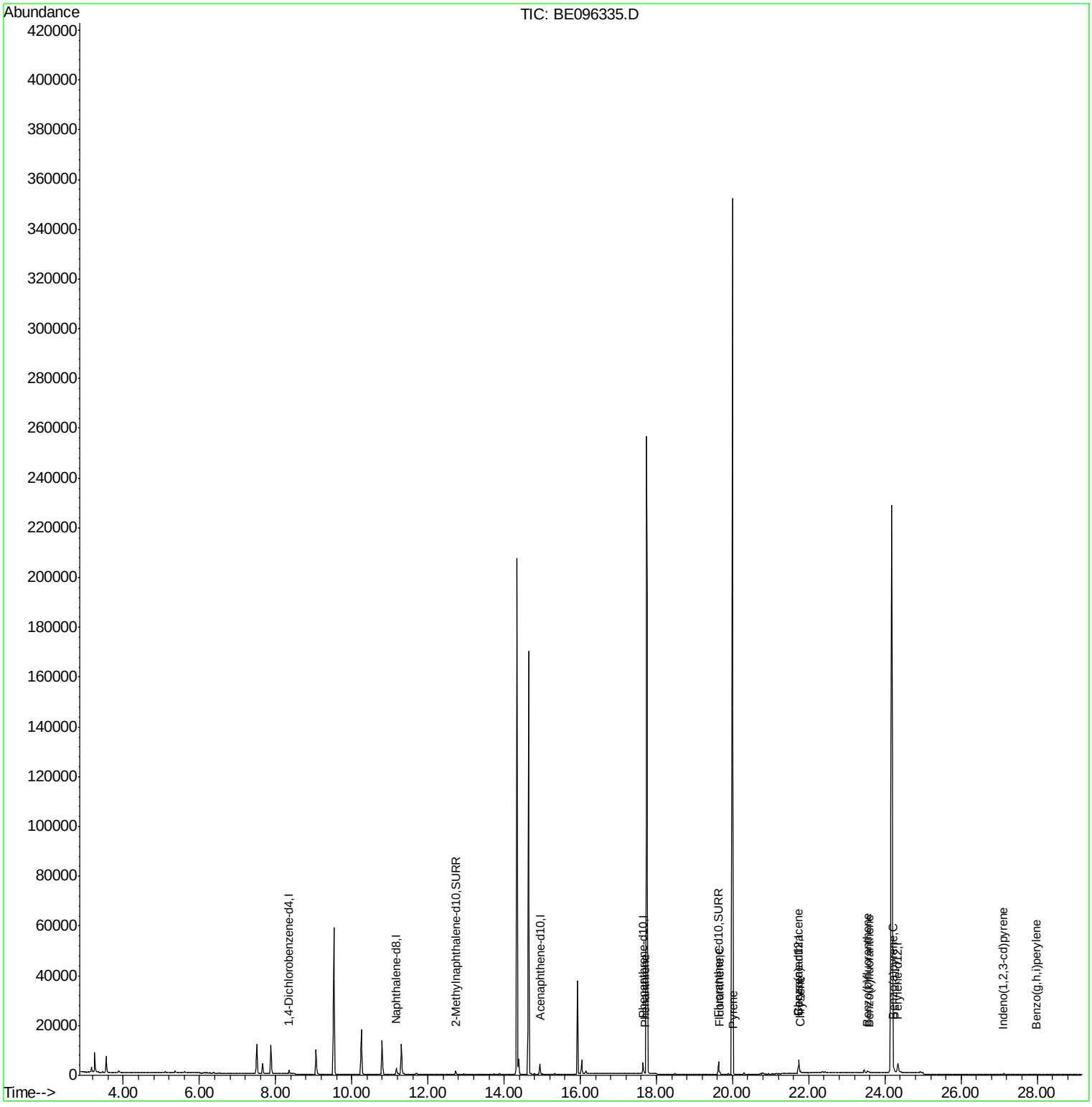
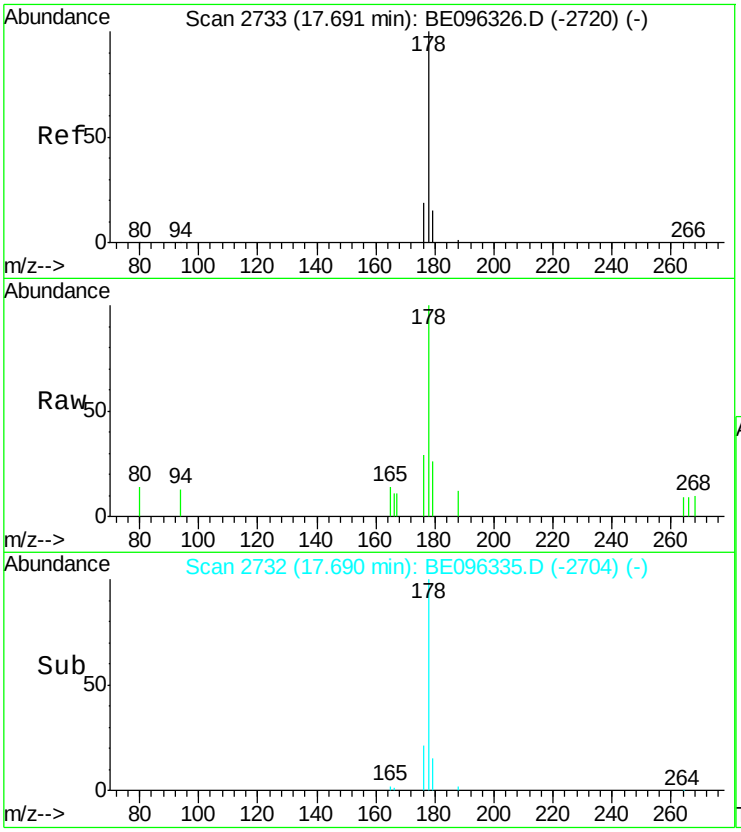
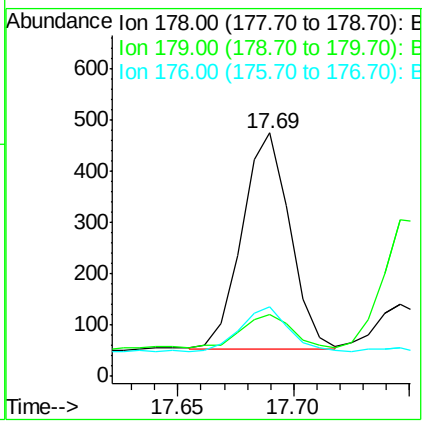




#12
Phenanthrene
Concen: 0.037 ng/ul m
RT: 17.69 min Scan# 2732
Delta R.T. -0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:178 Resp: 601

Ion	Ratio	Lower	Upper
178	100		
179	25.5	18.4	27.6
176	28.7	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
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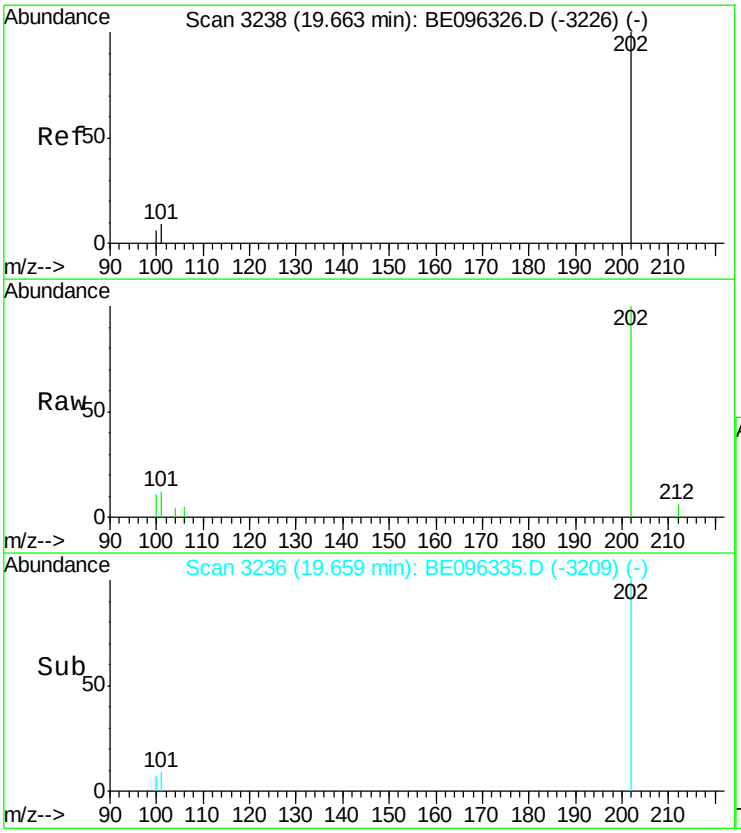
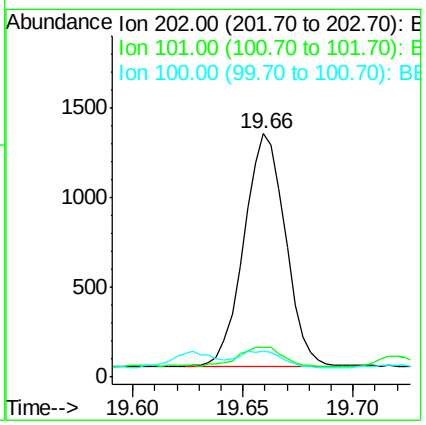
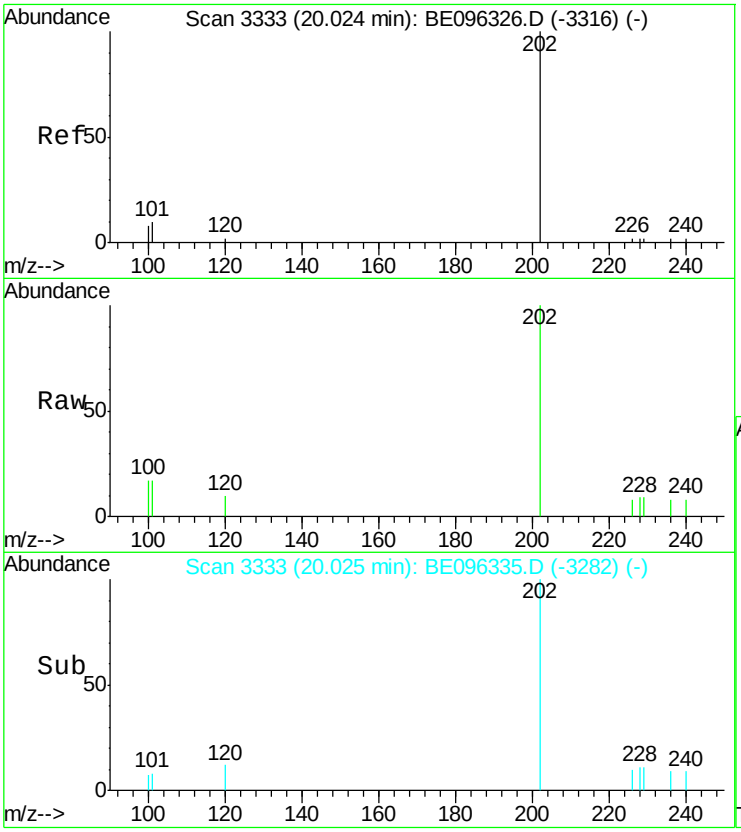


#15
Fluoranthene
Concen: 0.074 ng/ul m
RT: 19.66 min Scan# 3236
Delta R.T. -0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:202 Resp: 1701

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	10.9	0.0	39.5

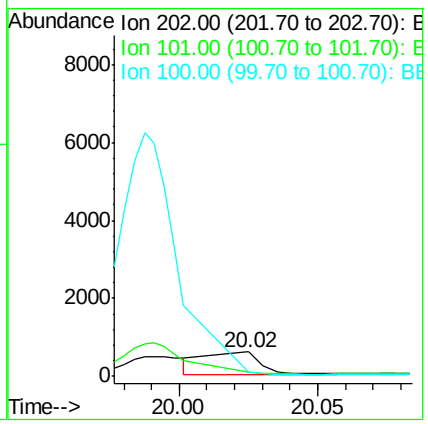




#17
Pyrene
Concen: 0.071 ng/ul m
RT: 20.02 min Scan# 3333
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:202 Resp: 452

Ion	Ratio	Lower	Upper
202	100		
101	17.0	18.2	27.4#
100	16.6	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
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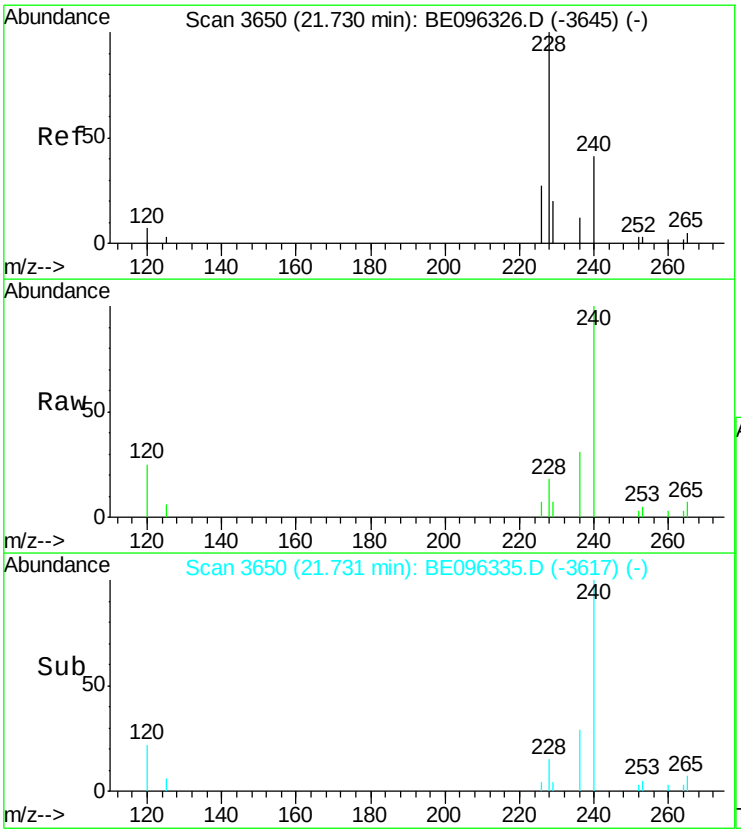
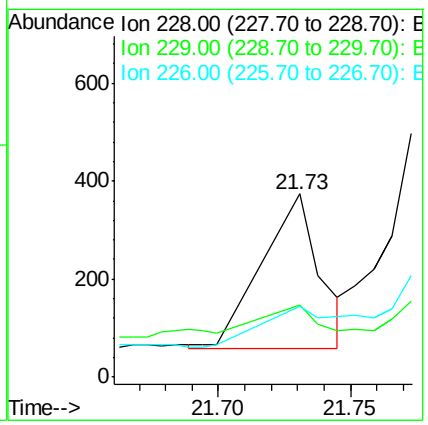
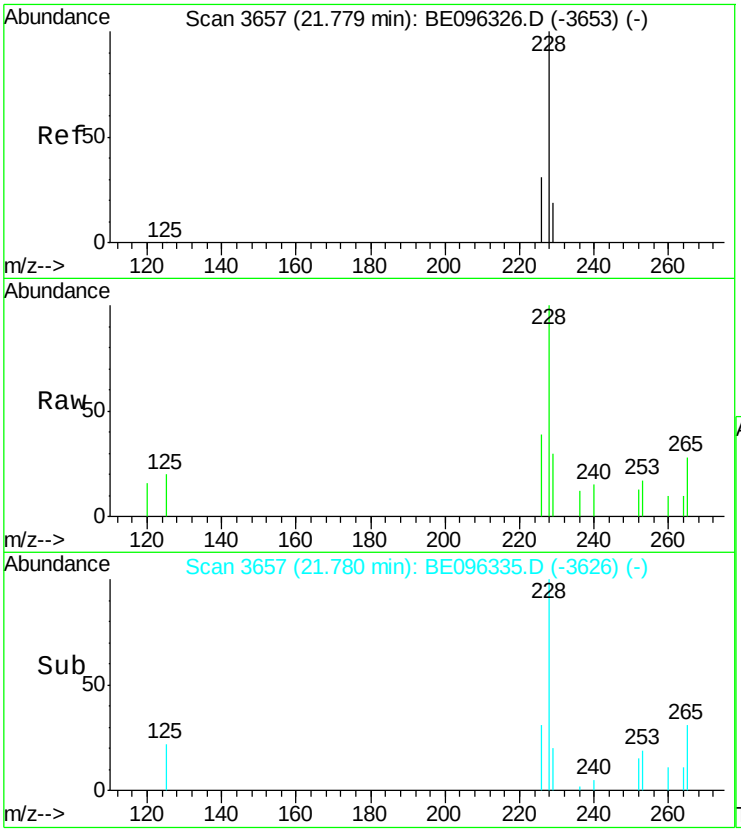


#18
Benzo(a)anthracene
Concen: 0.045 ng/ul m
RT: 21.73 min Scan# 3650
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:228 Resp: 395

Ion	Ratio	Lower	Upper
228	100		
229	39.0	22.8	34.2#
226	38.8	17.0	25.6#





#19
Chrysene
Concen: 0.052 ng/ul m
RT: 21.78 min Scan# 3657
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:228 Resp: 886

Ion	Ratio	Lower	Upper
228	100		
226	38.5	23.4	35.0#
229	30.3	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
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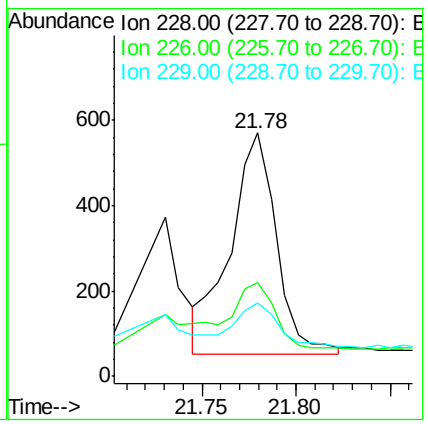
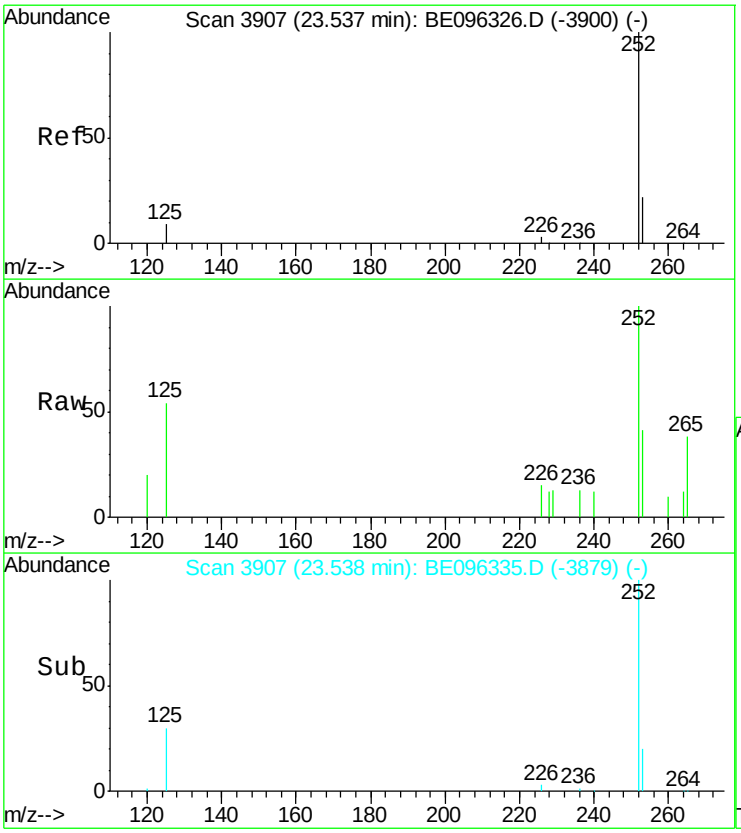
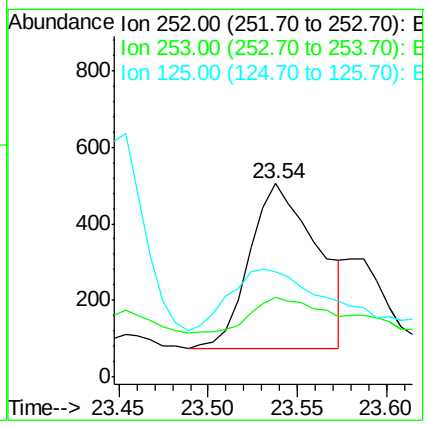


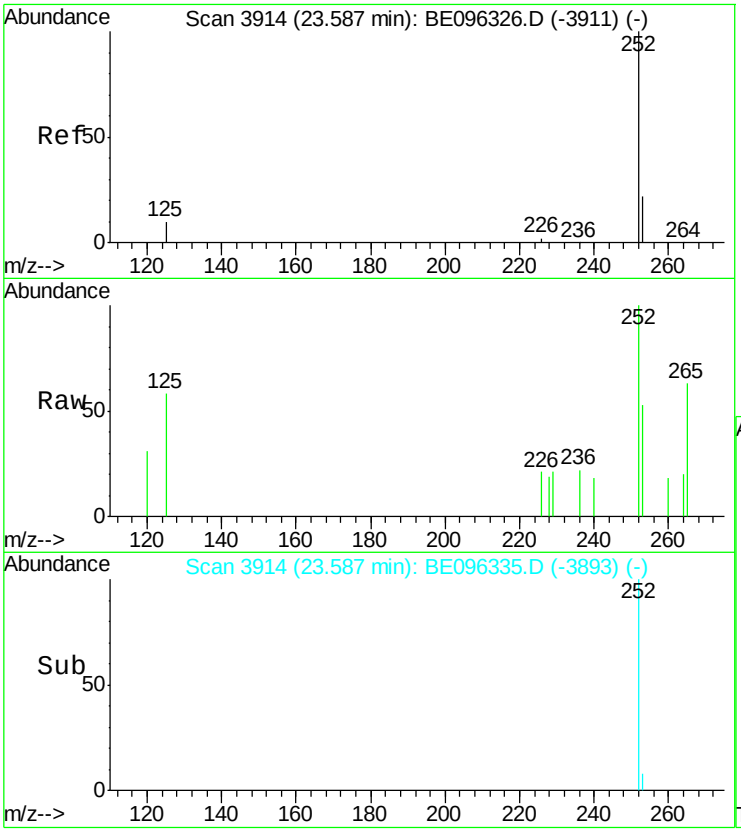


#21
Benzo(b)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.54 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:252 Resp: 1153

Ion	Ratio	Lower	Upper
252	100		
253	41.1	0.0	64.2
125	54.4	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.024 ng/ul m
RT: 23.59 min Scan# 3914
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:252 Resp: 377

Ion	Ratio	Lower	Upper
252	100		
253	52.9	24.5	36.7#
125	58.4	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
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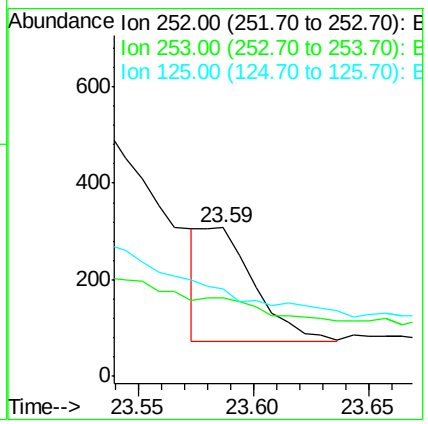
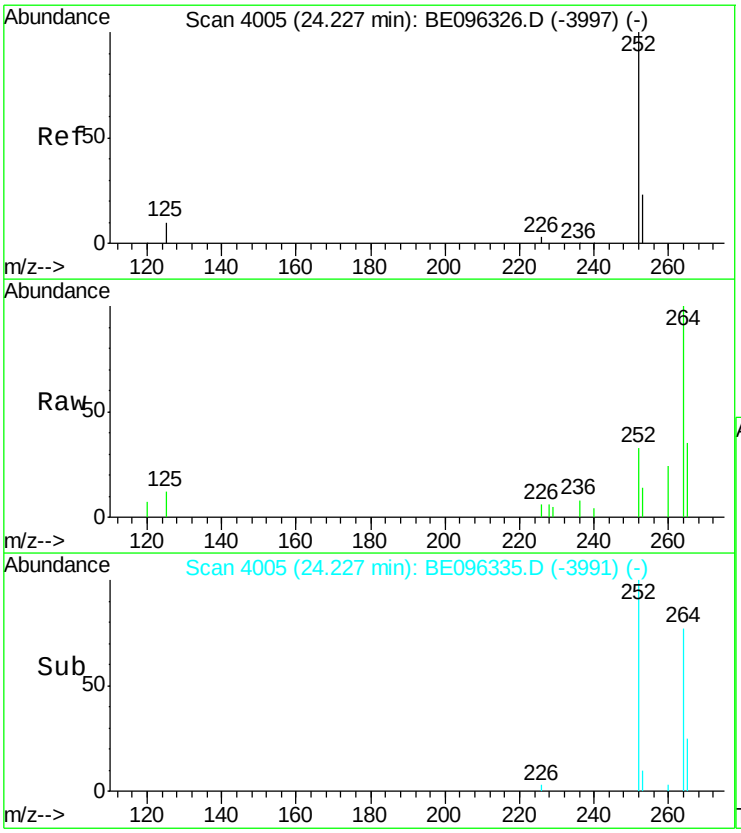
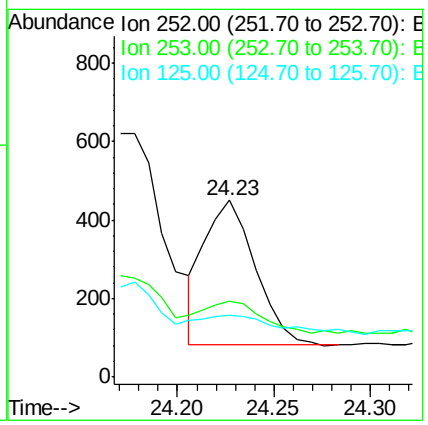


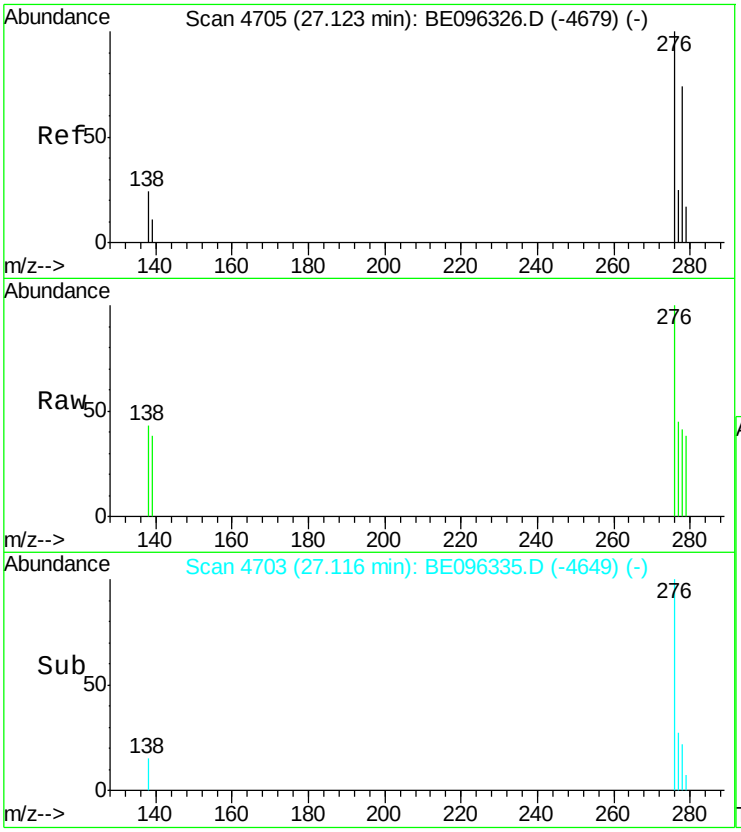


#23
Benzo(a)pyrene
Concen: 0.044 ng/ul
RT: 24.23 min Scan# 4005
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:252 Resp: 671

Ion	Ratio	Lower	Upper
252	100		
253	42.6	28.5	42.7
125	35.3	18.1	27.1#





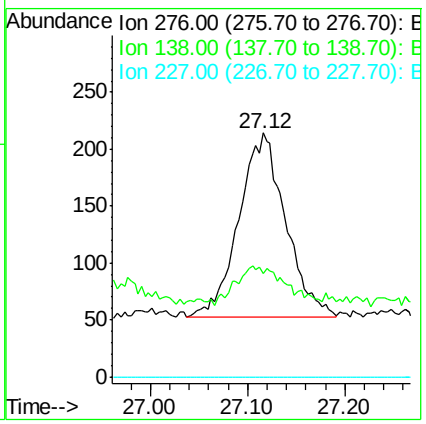
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng/ul
RT: 27.12 min Scan# 4703
Delta R.T. -0.01 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

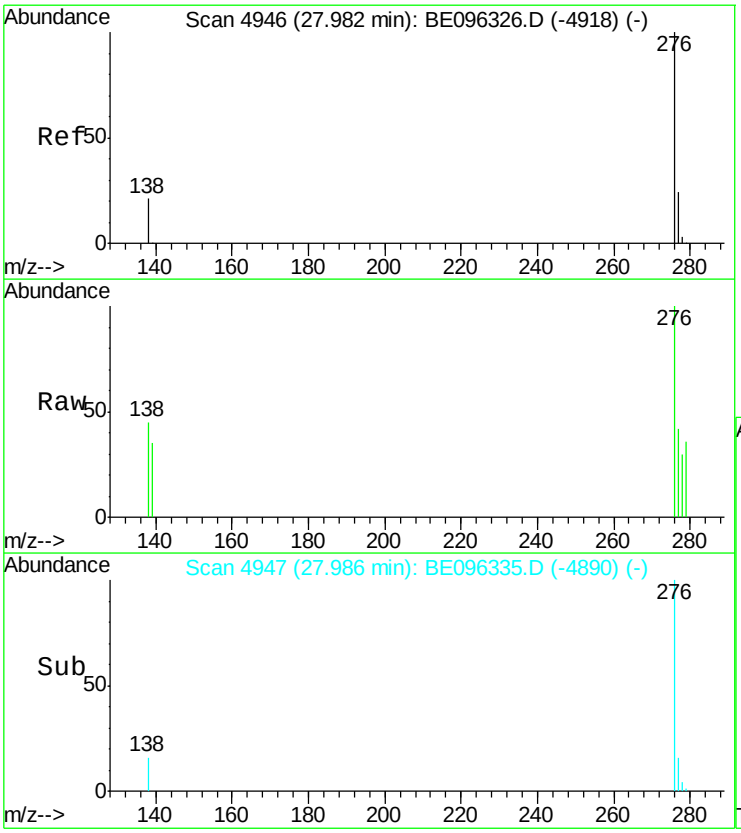
Tgt Ion:276 Resp: 540

Ion	Ratio	Lower	Upper
276	100		
138	22.6	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3Y25

Manual Integrations APPROVED
Sohil
5/4/2018 1:35:07 PM





#26
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 27.99 min Scan# 4947
Delta R.T. 0.00 min
Lab File: BE096335.D
Acq: 3 May 2018 22:32

Tgt Ion:276 Resp: 558

Ion	Ratio	Lower	Upper
276	100		
138	45.4	21.8	32.8#
277	42.3	20.5	30.7#