Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094222.D
Acq On : 9 Oct 2017 15:52
Operator : SJ/JU
Sample : I5695-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TWP-B-44

Manual Integrations APPROVED
Sohil
10/10/2017 4:56:41 PM

Quant Time: Oct 10 09:42:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1177	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	6492	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.51	164	3909	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	8549m	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	7816	0.40	ng/ul	0.00
20) Perylene-d12	23.93	264	7584m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3795	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	9230	0.32	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	10802	0.679	ng/ul#	94
5) 2-Methylnaphthalene	12.35	142	1635	0.158	ng/ul	99
8) Acenaphthene	14.58	153	4628	0.369	ng/ul	98
9) Fluorene	15.57	166	3974	0.270	ng/ul	95
12) Phenanthrene	17.29	178	1058	0.047	ng/ul#	79
15) Fluoranthene	19.30	202	2190	0.075	ng/ul	84

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

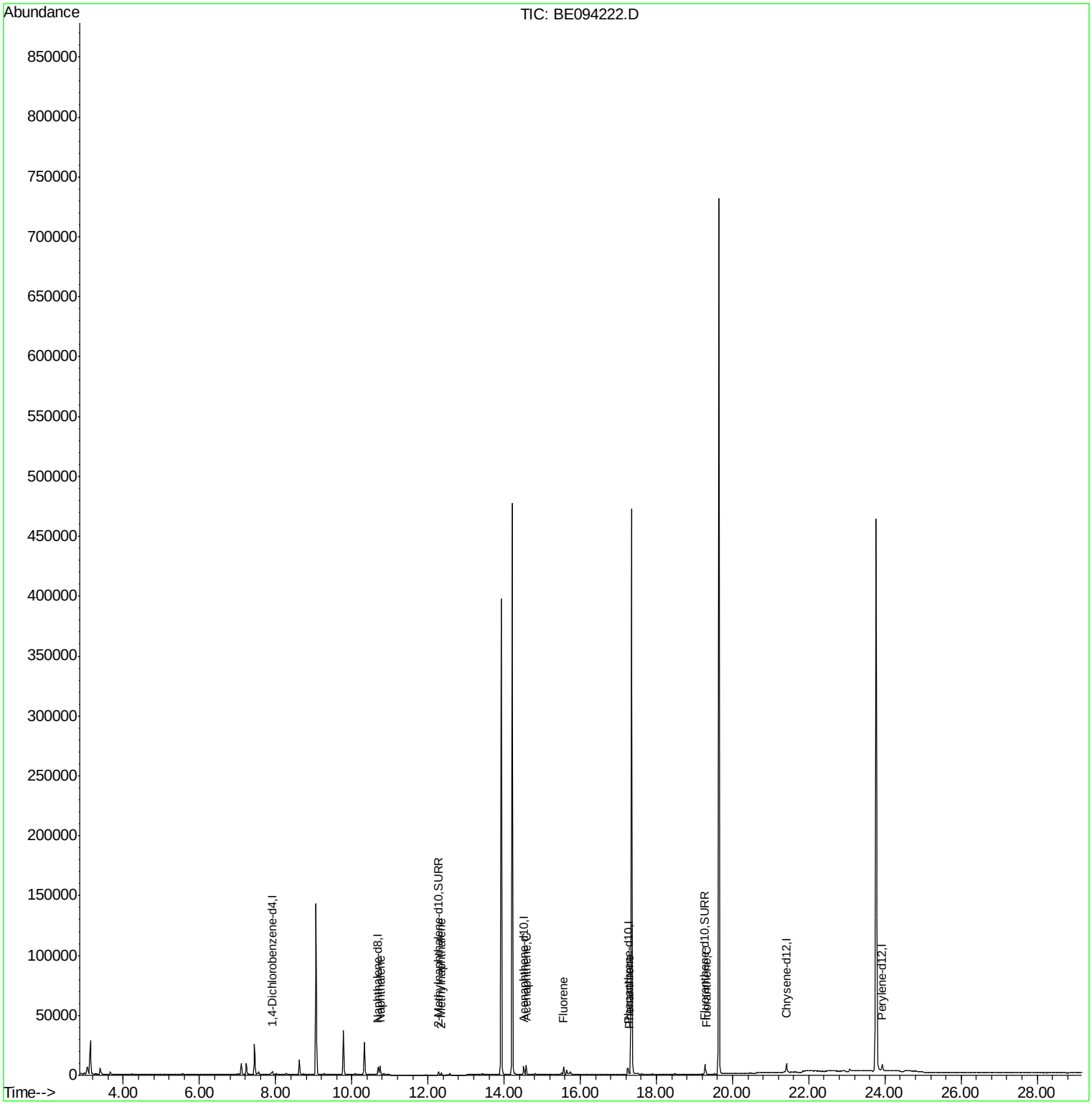
Quantitation Report (QT Reviewed)

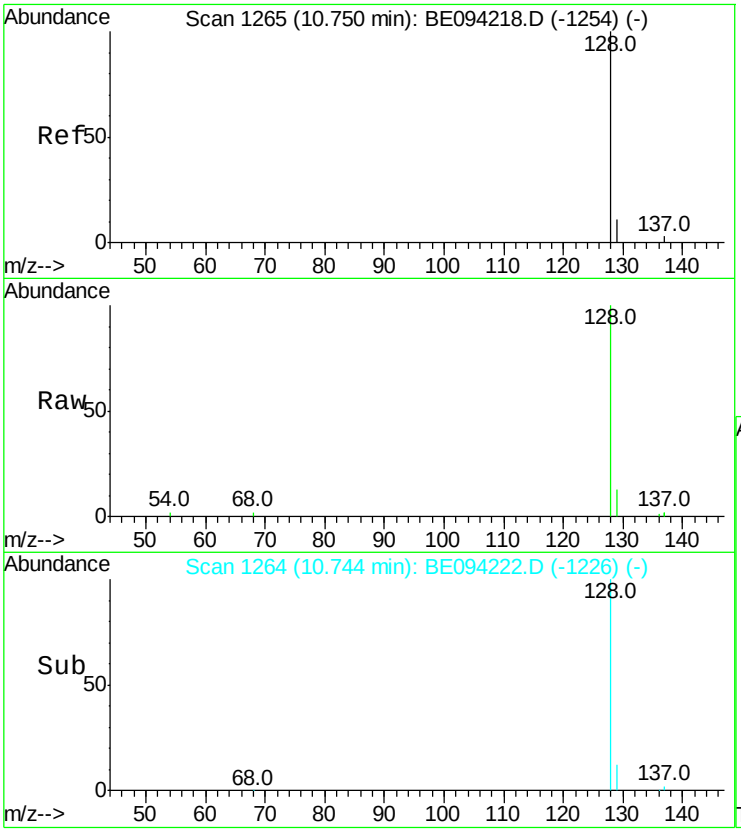
Data Path : Z:\HPCHEM1\BNA E\DATA\BE100917\
Data File : BE094222.D
Acq On : 9 Oct 2017 15:52
Operator : SJ/JU
Sample : I5695-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 10 09:42:30 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 09:18:40 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
TWP-B-44

Manual Integrations APPROVED
Sohil
10/10/2017 4:56:41 PM

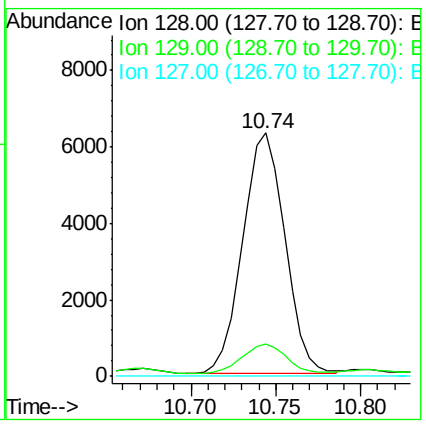




#3
Naphthalene
Concen: 0.679 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

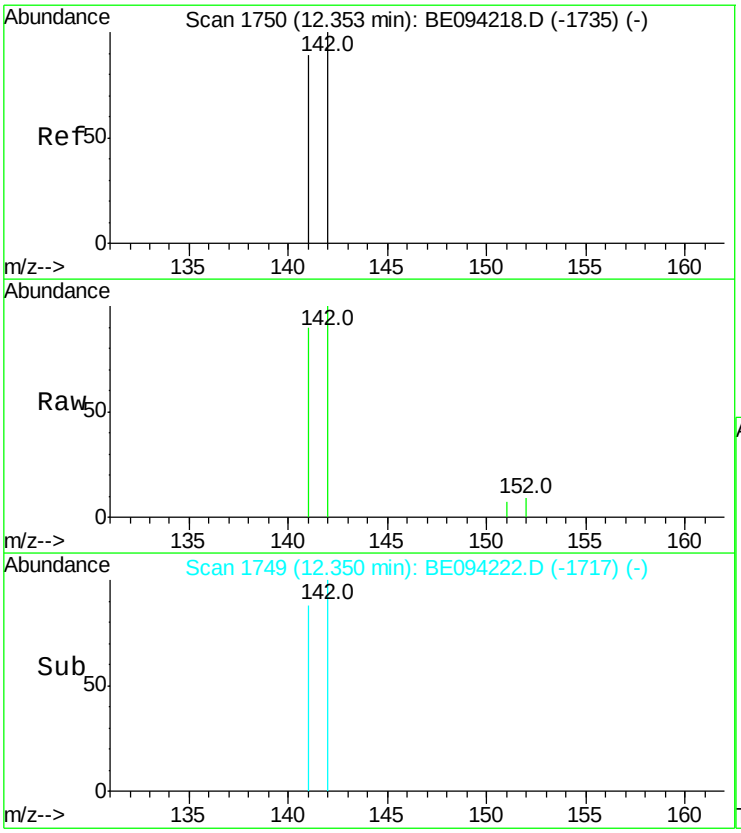
Tgt Ion:128 Resp: 10802

Ion	Ratio	Lower	Upper
128	100		
129	13.2	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
TWP-B-44

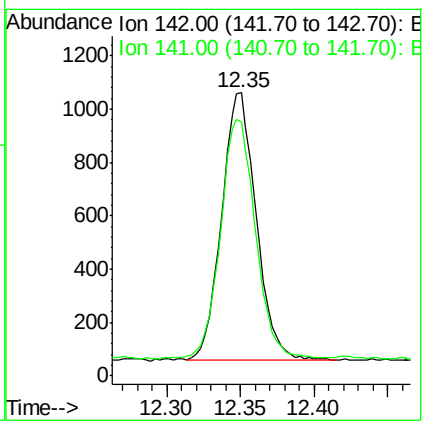
Manual Integrations APPROVED
Sohil
10/10/2017 4:56:41 PM

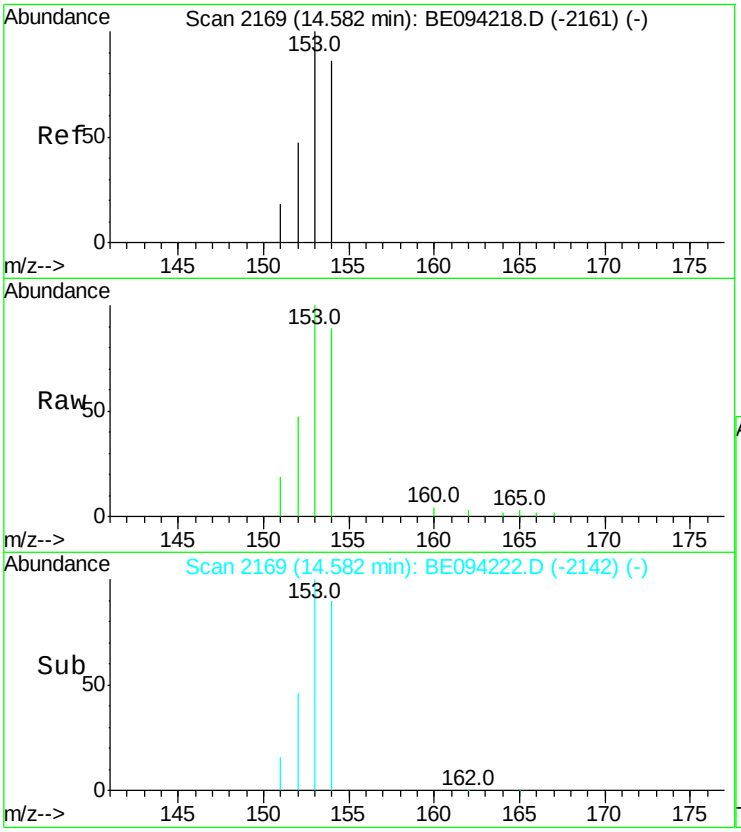


#5
2-Methylnaphthalene
Concen: 0.158 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.00 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

Tgt Ion:142 Resp: 1635

Ion	Ratio	Lower	Upper
142	100		
141	89.8	72.6	108.8

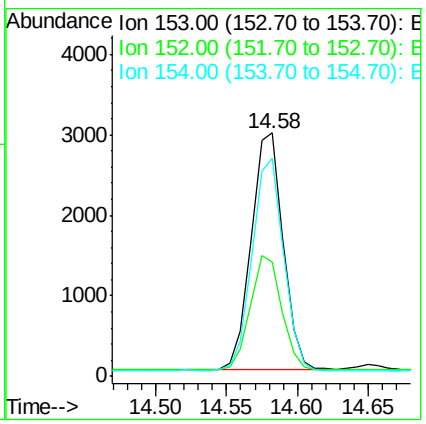




#8
Acenaphthene
Concen: 0.369 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

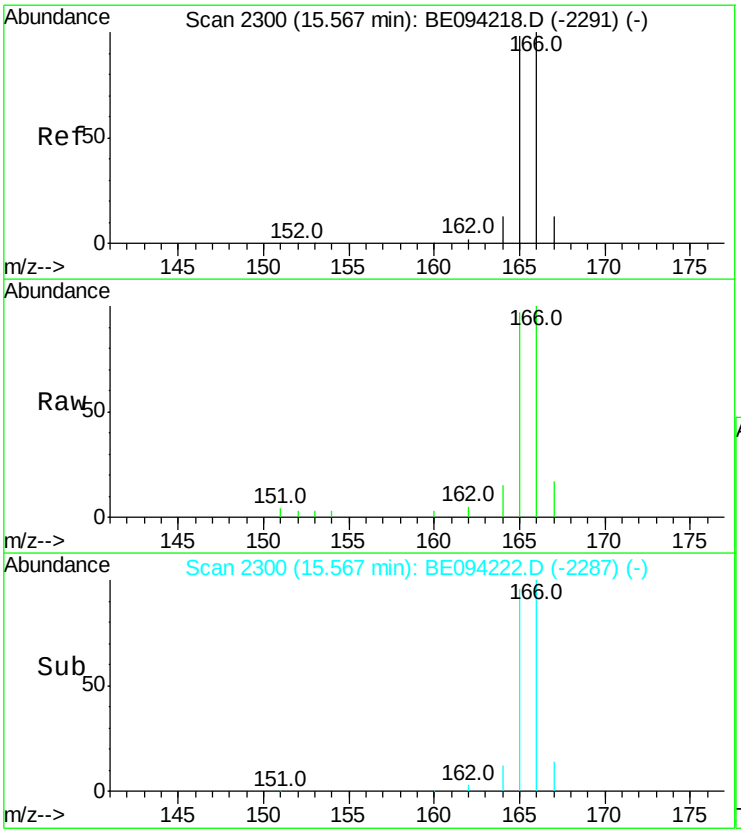
Tgt Ion:153 Resp: 4628

Ion	Ratio	Lower	Upper
153	100		
152	46.9	40.3	60.5
154	89.4	71.4	107.2



Instrument :
BNA_E
ClientSampleId :
TWP-B-44

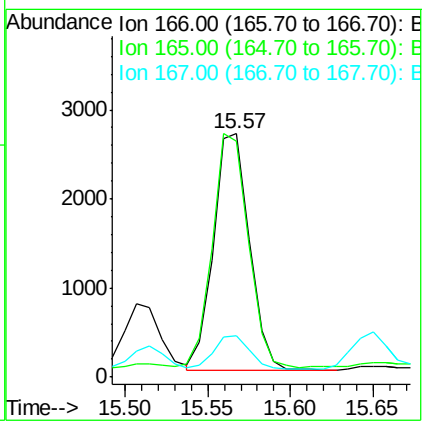
Manual Integrations APPROVED
Sohil
10/10/2017 4:56:41 PM

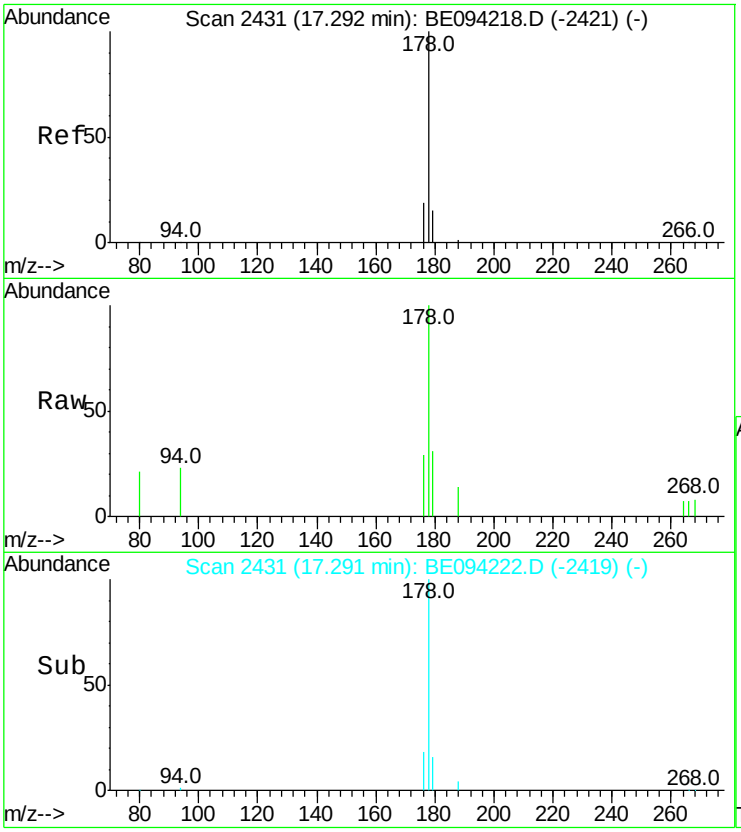


#9
Fluorene
Concen: 0.270 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

Tgt Ion:166 Resp: 3974

Ion	Ratio	Lower	Upper
166	100		
165	97.0	73.4	110.2
167	16.8	14.6	22.0

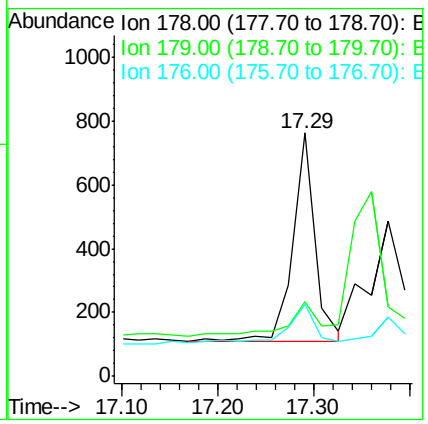




#12
Phenanthrene
Concen: 0.047 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

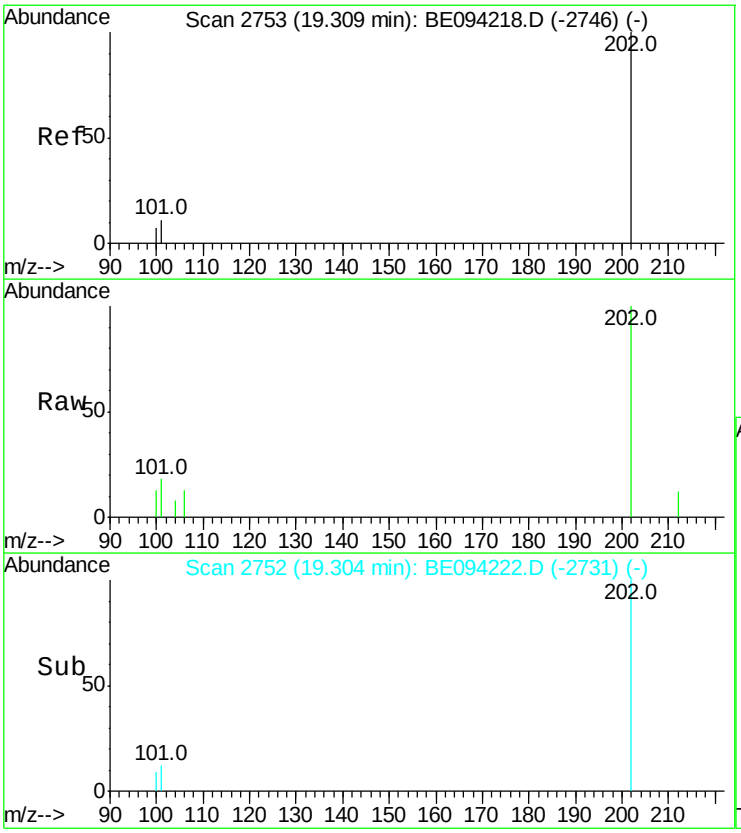
Tgt Ion:178 Resp: 1058

Ion	Ratio	Lower	Upper
178	100		
179	30.8	18.4	27.6#
176	29.4	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
TWP-B-44

Manual Integrations APPROVED
Sohil
10/10/2017 4:56:41 PM



#15
Fluoranthene
Concen: 0.075 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE094222.D
Acq: 9 Oct 2017 15:52

Tgt Ion:202 Resp: 2190

Ion	Ratio	Lower	Upper
202	100		
101	17.6	0.0	30.3
100	13.2	0.0	39.5