Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095259.D
Acq On : 29 Jan 2018 22:33
Operator : SJ/JU
Sample : J1243-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B38

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:45 PM

Quant Time: Jan 30 06:35:09 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 06:14:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2426	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7327	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4733	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10027m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10088	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8766m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5154	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	14009	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	2673	0.130	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	16279	1.188	ng/ul	100
8) Acenaphthene	15.08	153	15609	0.884	ng/ul	95
9) Fluorene	16.03	166	4025	0.221	ng/ul#	77
11) Pentachlorophenol	17.36	266	102	0.053	ng/ul	93
12) Phenanthrene	17.75	178	1981	0.059	ng/ul#	90

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

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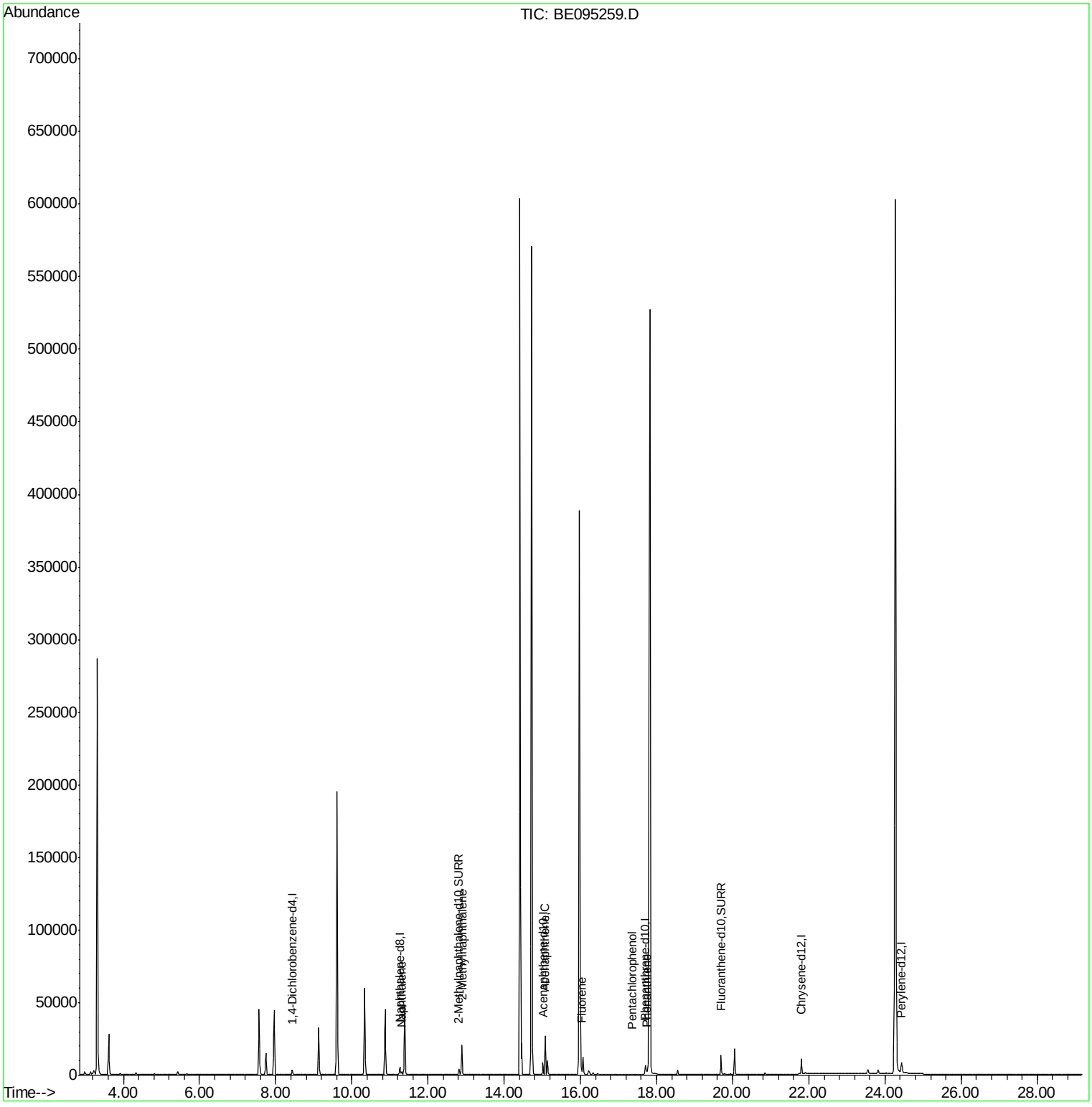
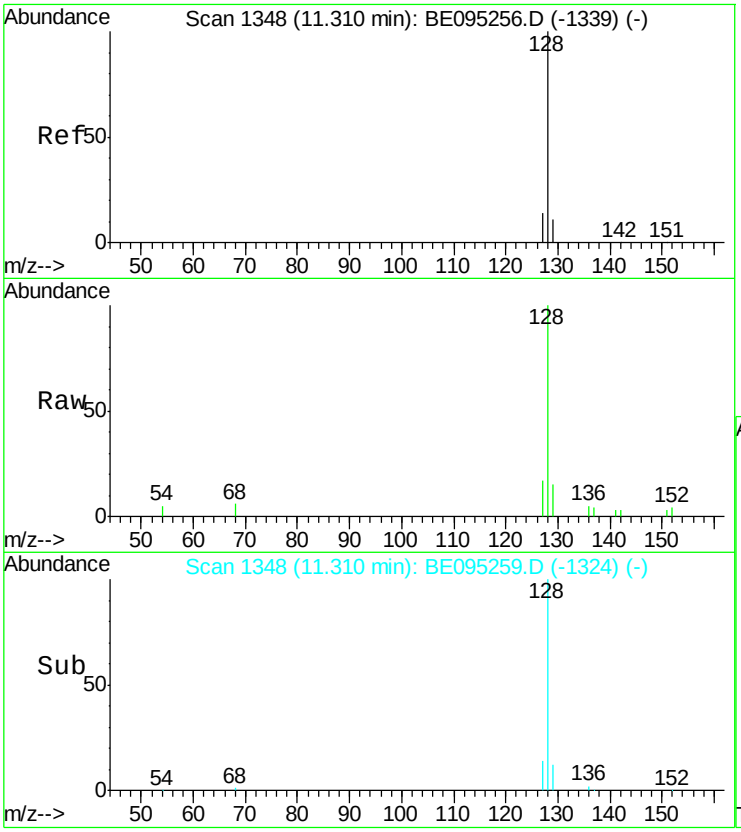




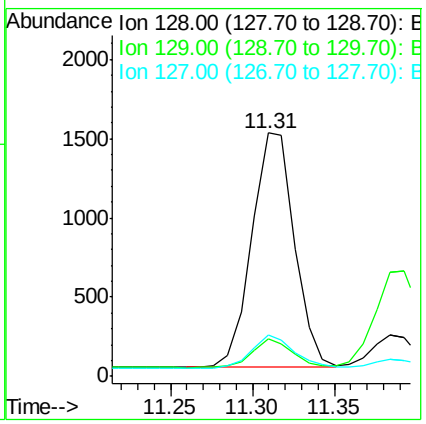
#3
Naphthalene
Concen: 0.130 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

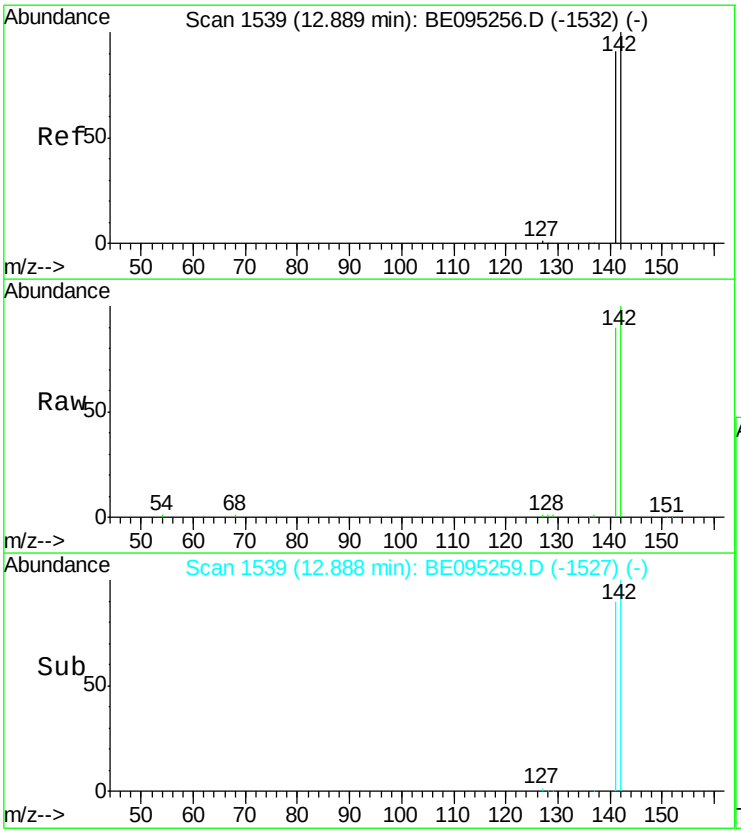
Tgt Ion:128 Resp: 2673

Ion	Ratio	Lower	Upper
128	100		
129	15.2	11.3	16.9
127	17.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B38

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:45 PM

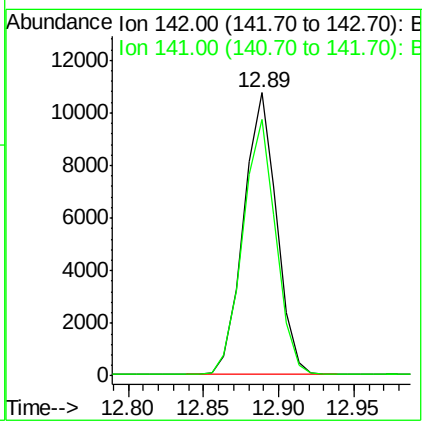


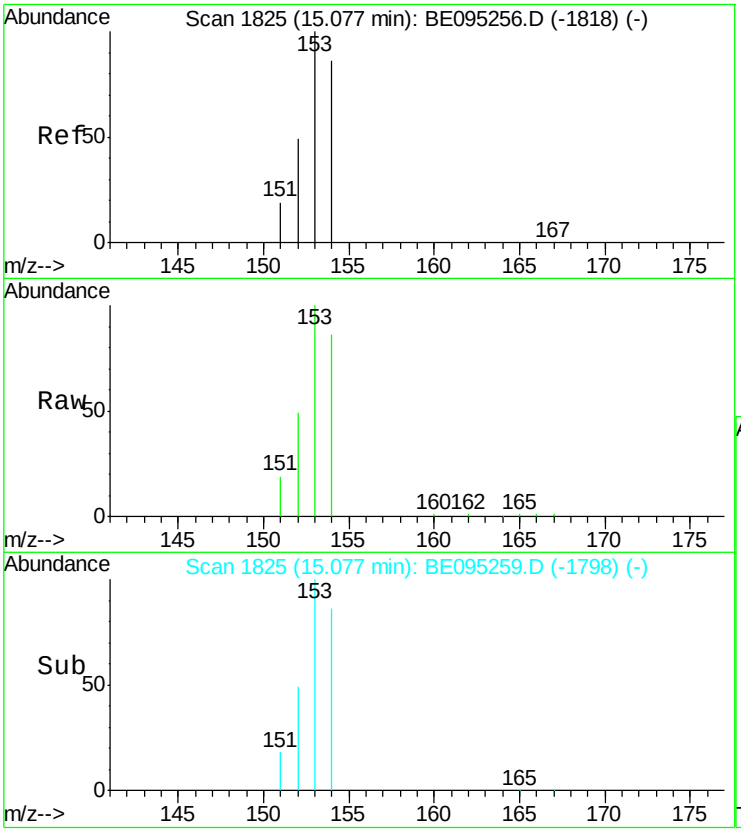


#5
2-Methylnaphthalene
Concen: 1.188 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

Tgt Ion:142 Resp: 16279

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8





#8
Acenaphthene
Concen: 0.884 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

Tgt Ion:153 Resp: 15609

Ion	Ratio	Lower	Upper
153	100		
152	49.2	36.0	54.0
154	85.8	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
F6B38

Manual Integrations APPROVED
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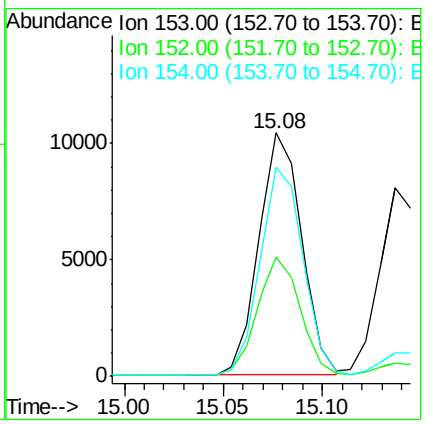
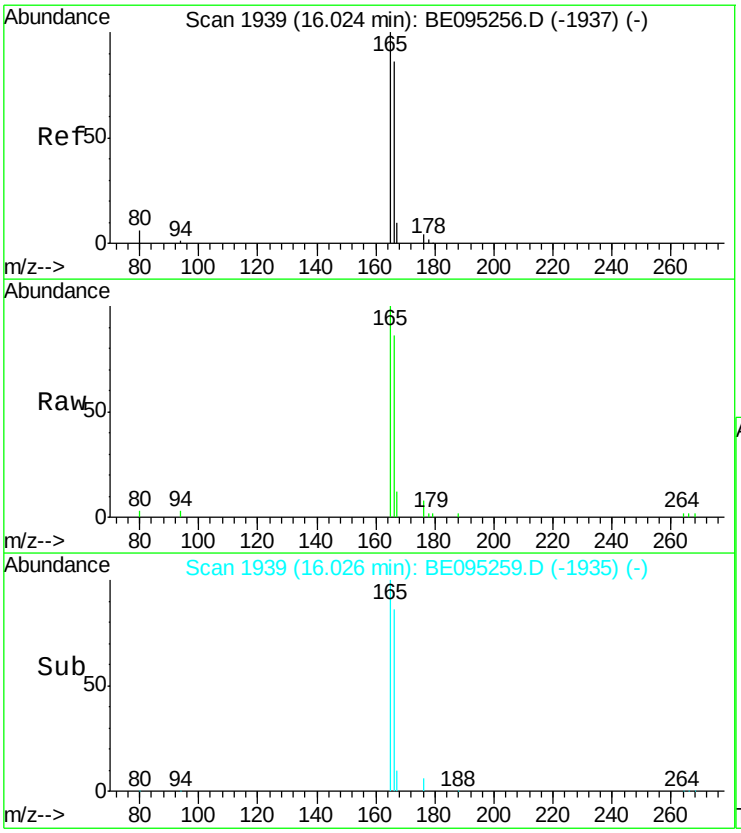
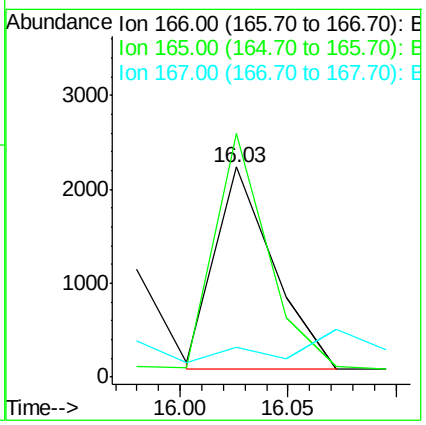


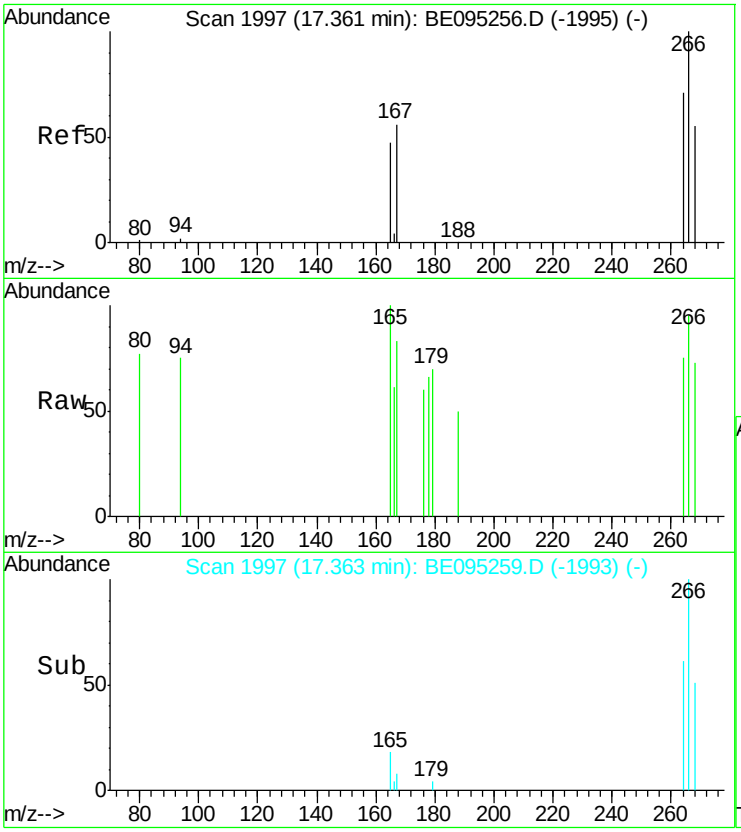


#9
Fluorene
Concen: 0.221 ng/ul
RT: 16.03 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

Tgt Ion:166 Resp: 4025

Ion	Ratio	Lower	Upper
166	100		
165	115.9	73.4	110.2#
167	14.4	14.6	22.0#

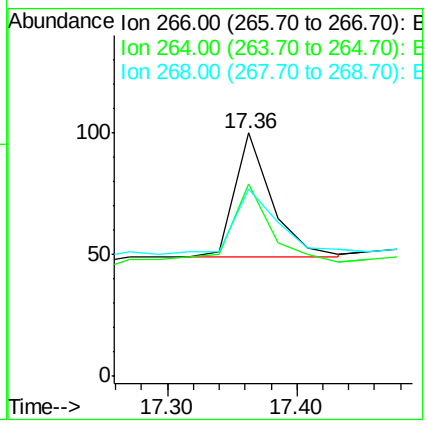




#11
Pentachlorophenol
Concen: 0.053 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

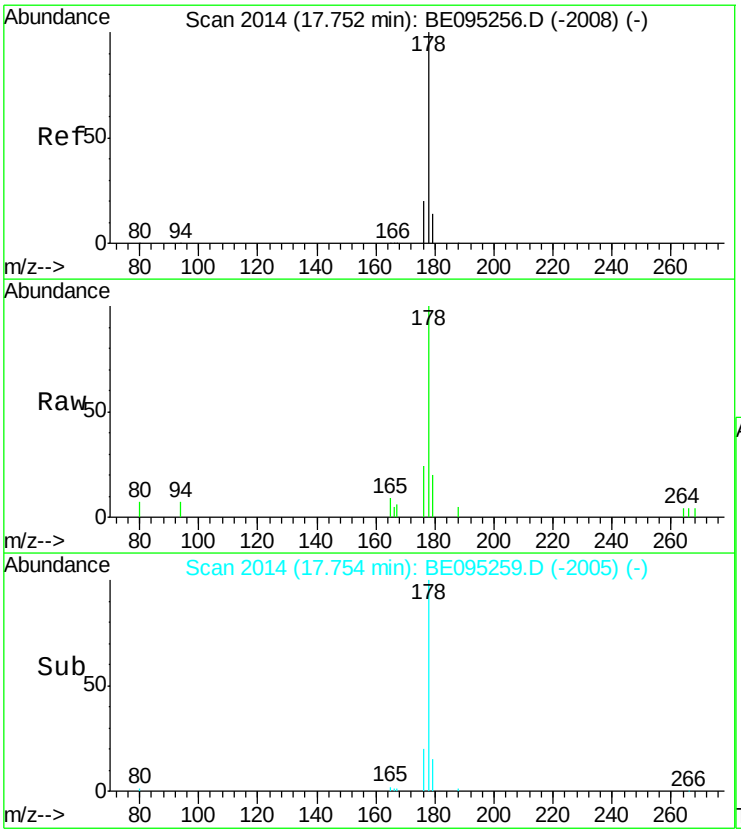
Tgt Ion:266 Resp: 102

Ion	Ratio	Lower	Upper
266	100		
264	62.7	47.9	71.9
268	70.6	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6B38

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:45 PM



#12
Phenanthrene
Concen: 0.059 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095259.D
Acq: 29 Jan 2018 22:33

Tgt Ion:178 Resp: 1981

Ion	Ratio	Lower	Upper
178	100		
179	20.5	18.4	27.6
176	23.8	13.6	20.4#