Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095257.D
Acq On : 29 Jan 2018 21:22
Operator : SJ/JU
Sample : J1243-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B27

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:42 PM

Quant Time: Jan 30 06:28:04 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	2352	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7115	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4541	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9190m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	9558	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8843m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3580	0.31	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	9533	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	192347	9.654	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	25373	1.907	ng/ul	100
7) Acenaphthylene	14.74	152	538	0.025	ng/ul#	18
8) Acenaphthene	15.08	153	704	0.042	ng/ul#	78
11) Pentachlorophenol	17.36	266	342396	192.358	ng/ul#	56
12) Phenanthrene	17.75	178	1644	0.053	ng/ul#	91

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

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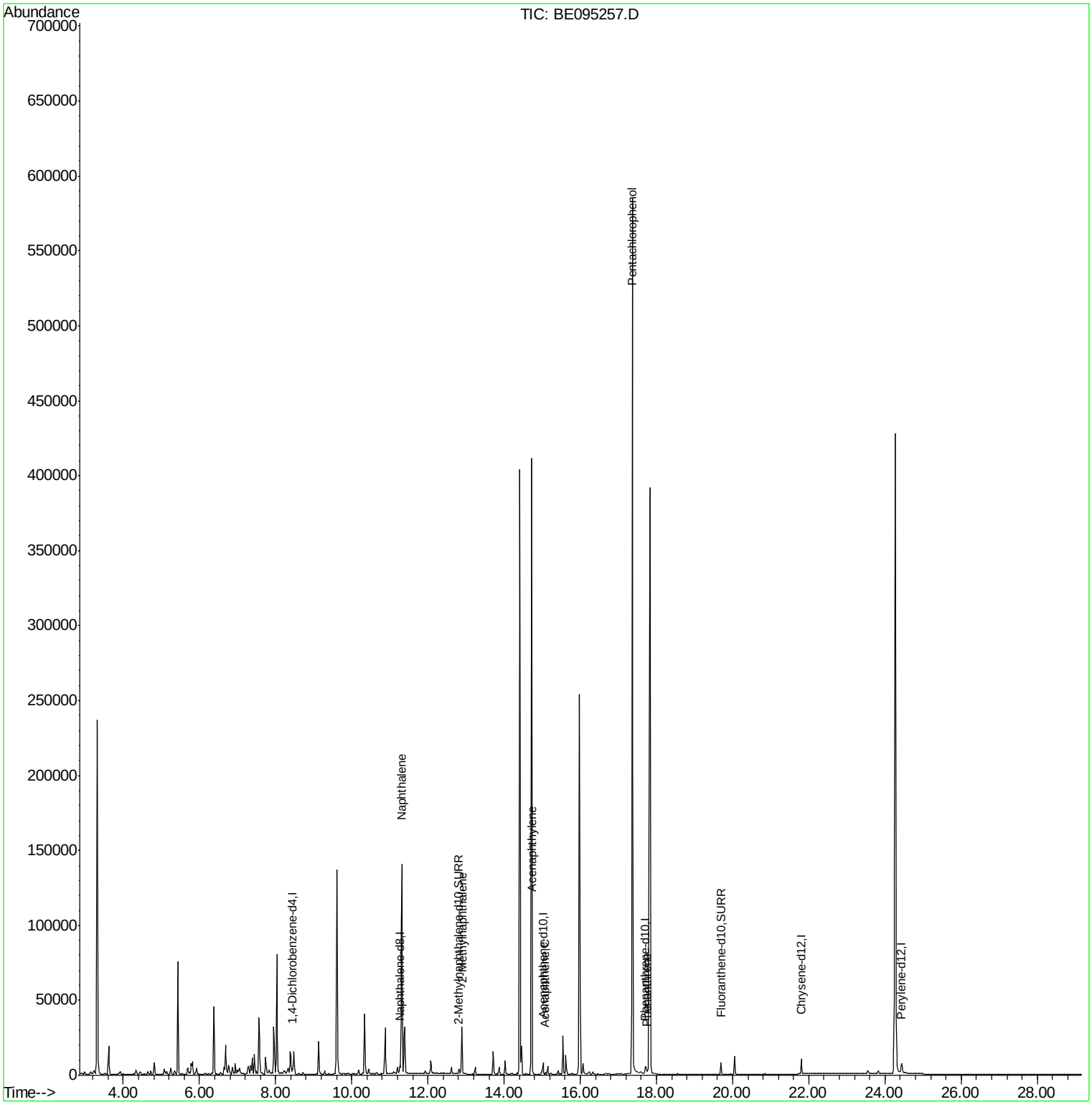
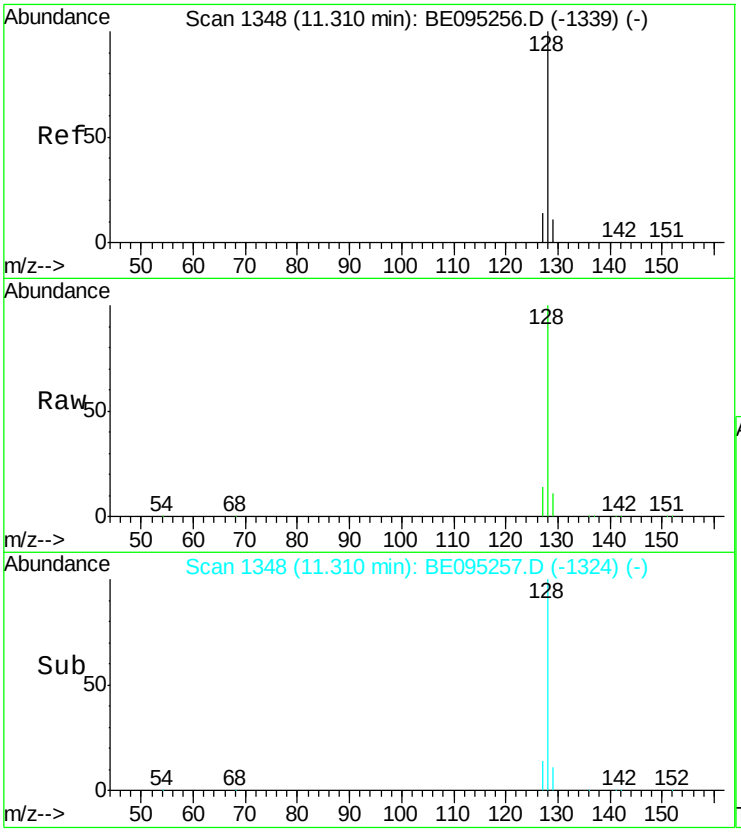




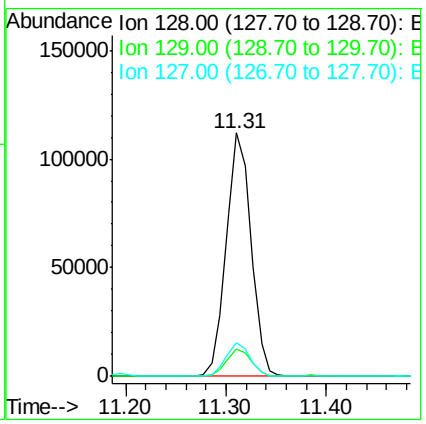
#3
Naphthalene
Concen: 9.654 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

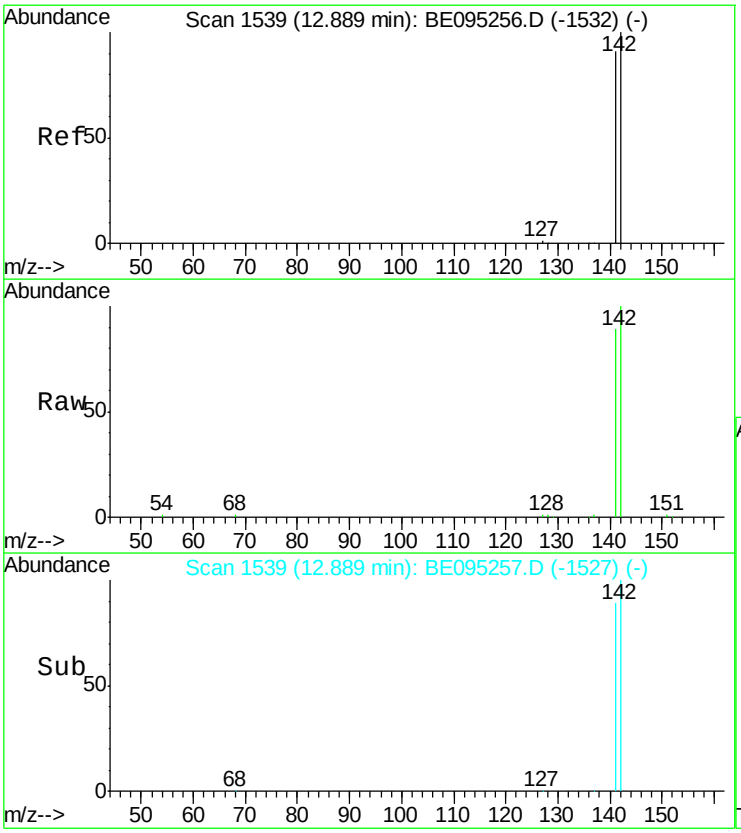
Tgt Ion:128 Resp: 192347

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B27

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:42 PM

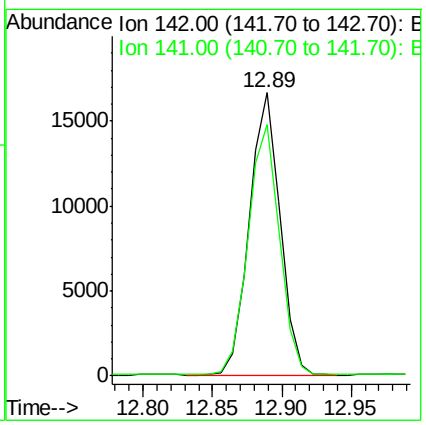


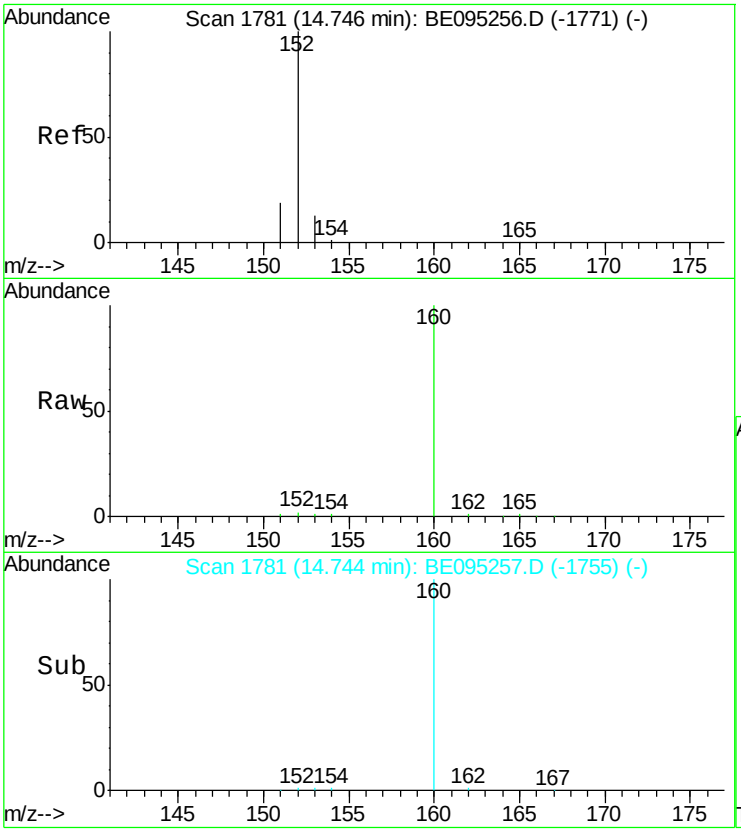


#5
2-Methylnaphthalene
Concen: 1.907 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

Tgt Ion:142 Resp: 25373

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8





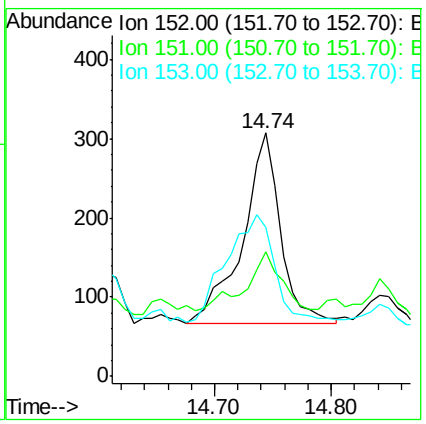
#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

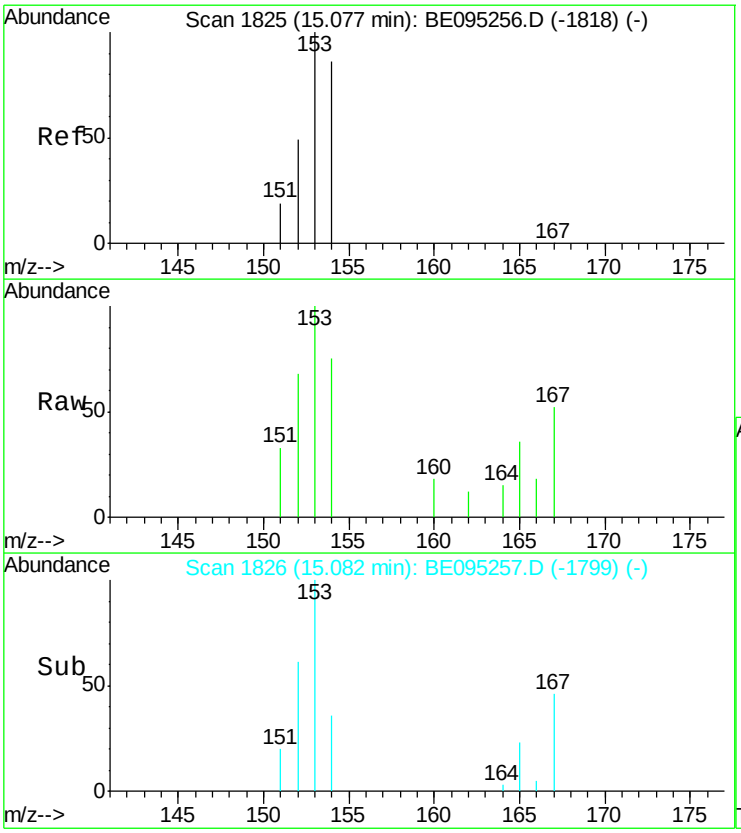
Tgt Ion:152 Resp: 538

Ion	Ratio	Lower	Upper
152	100		
151	51.1	17.1	25.7#
153	61.2	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F6B27

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:42 PM

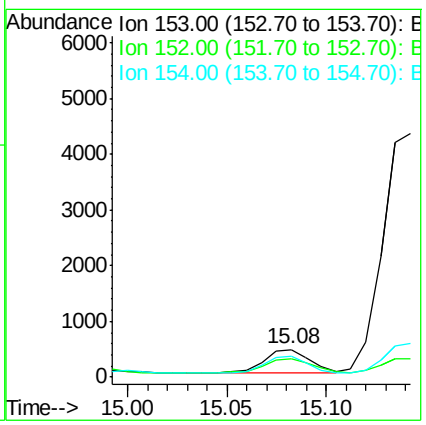


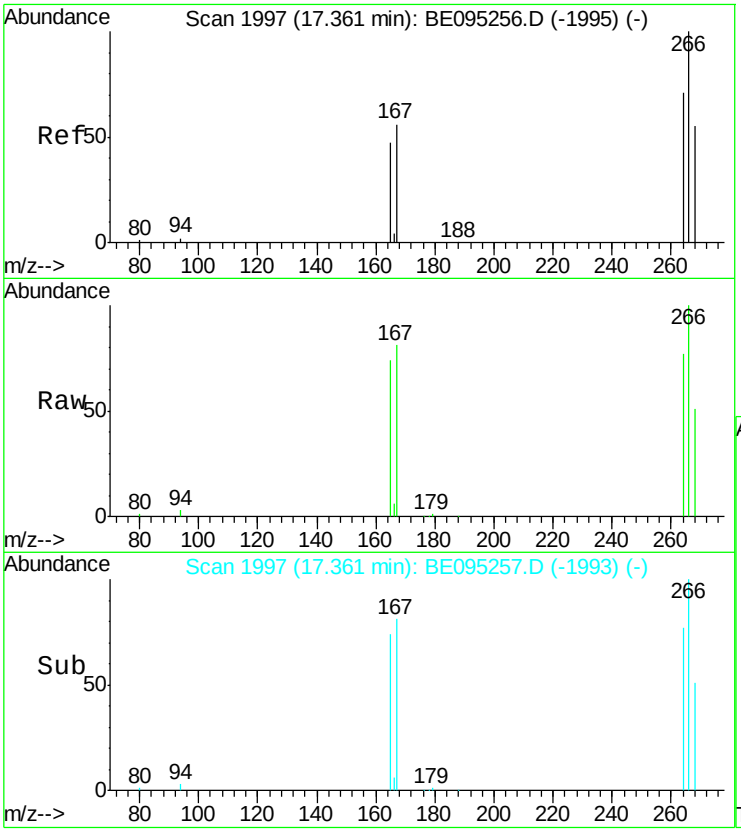


#8
Acenaphthene
Concen: 0.042 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

Tgt Ion:153 Resp: 704

Ion	Ratio	Lower	Upper
153	100		
152	67.7	36.0	54.0#
154	75.2	72.0	108.0





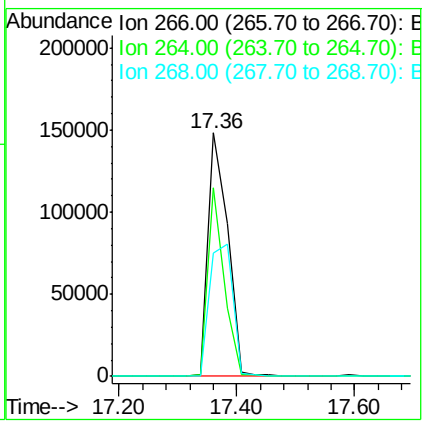
#11
Pentachlorophenol
Concen: 192.358 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

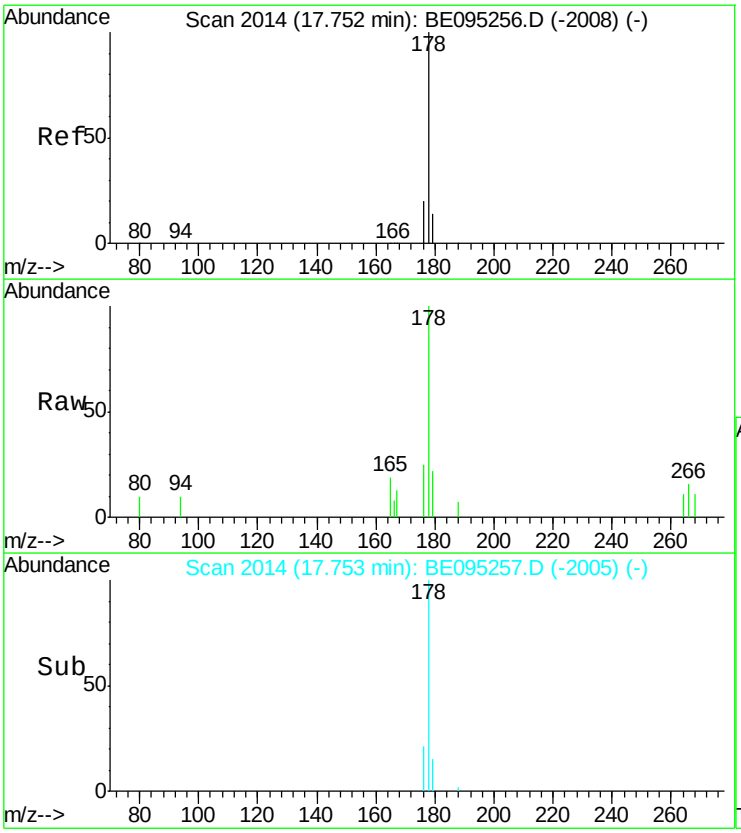
Tgt Ion:266 Resp: 342396

Ion	Ratio	Lower	Upper
266	100		
264	64.8	47.9	71.9
268	0.0	49.8	74.8#

Instrument :
BNA_E
ClientSampleId :
F6B27

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:42 PM





#12
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095257.D
Acq: 29 Jan 2018 21:22

Tgt Ion:178 Resp: 1644

Ion	Ratio	Lower	Upper
178	100		
179	22.4	18.4	27.6
176	25.4	13.6	20.4#