Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE020118\
Data File : BE095390.D
Acq On : 2 Feb 2018 10:50
Operator : SJ/JU
Sample : J1295-10
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C08

Manual Integrations APPROVED
Sohil
2/2/2018 4:43:04 PM

Quant Time: Feb 02 13:50:00 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 02 04:53:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2503	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7664	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4725	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9189m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8891	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8345m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	6308	0.51	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13080	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	36544	1.703	ng/ul#	77
5) 2-Methylnaphthalene	12.89	142	207125	14.454	ng/ul	99
7) Acenaphthylene	14.75	152	7211	0.317	ng/ul#	1
8) Acenaphthene	15.08	153	9595	0.544	ng/ul#	52
9) Fluorene	16.03	166	8580	0.472	ng/ul#	42
12) Phenanthrene	17.75	178	5180	0.168	ng/ul#	96

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

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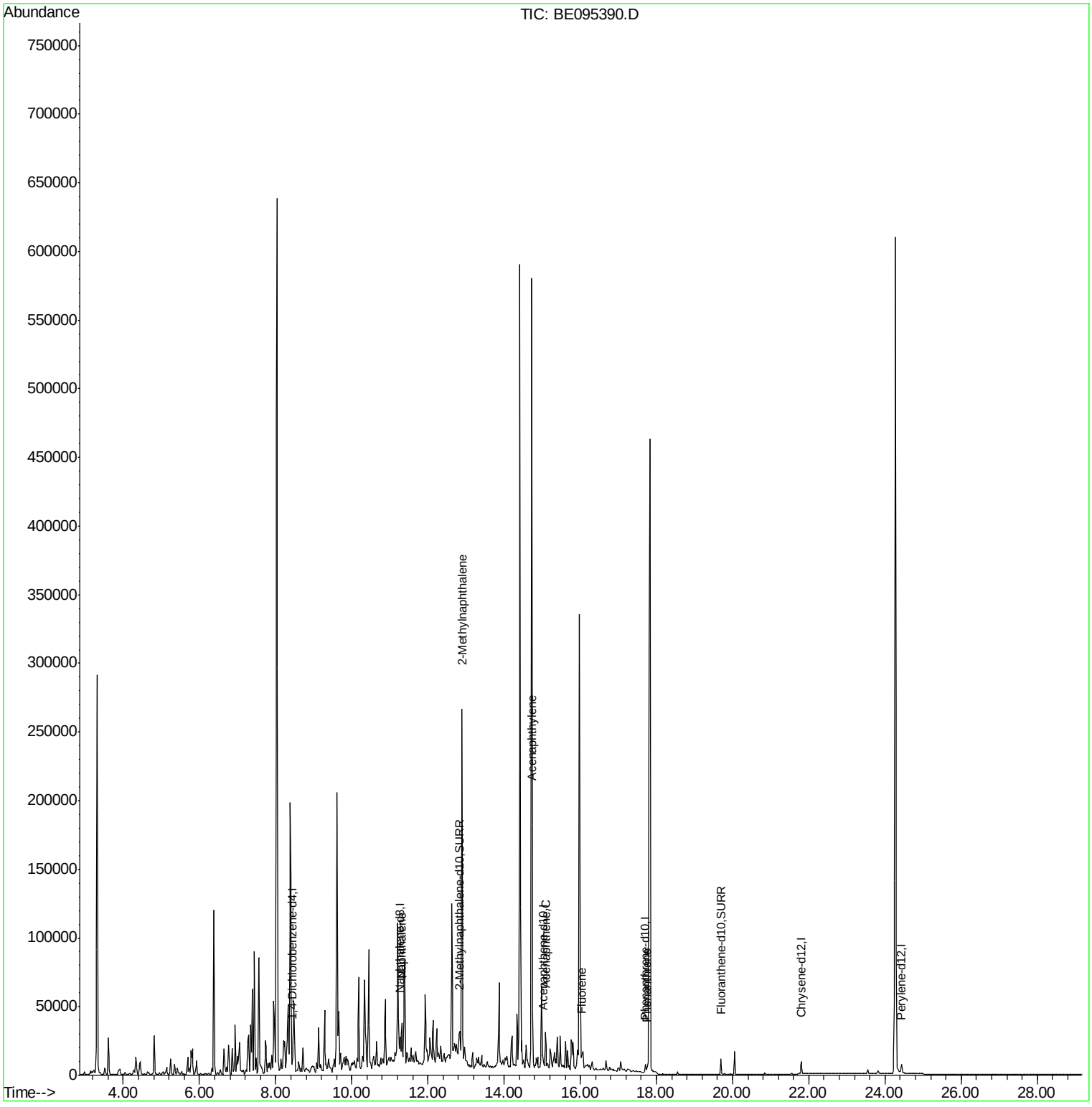
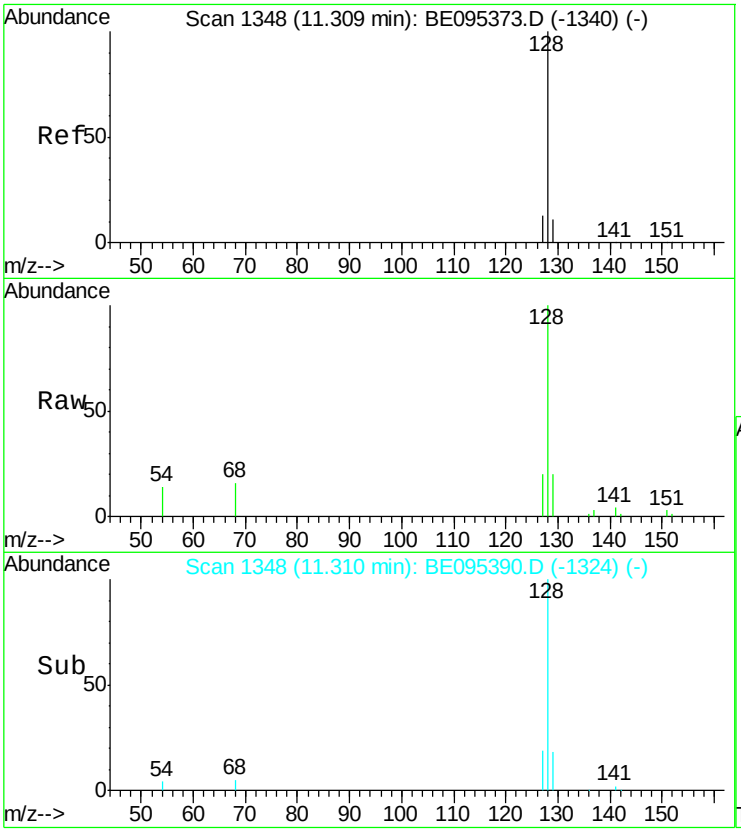




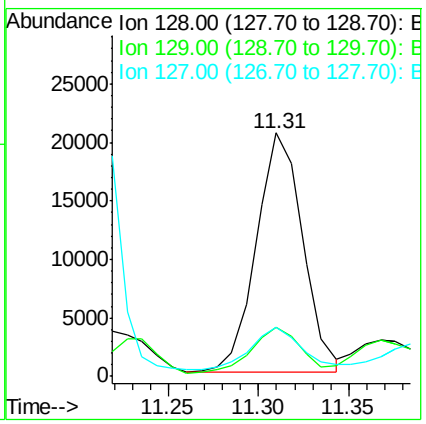
#3
Naphthalene
Concen: 1.703 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

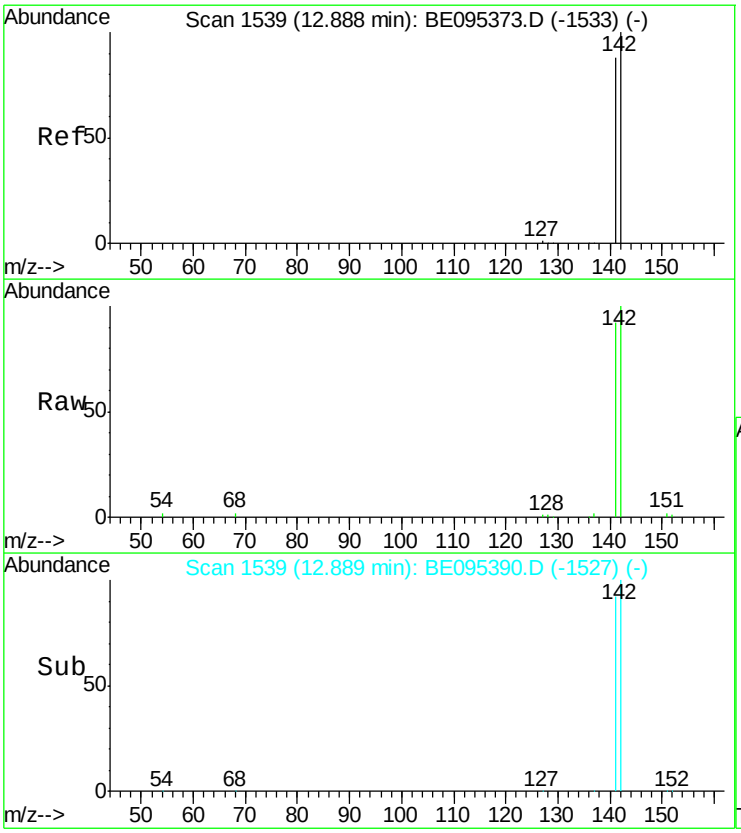
Tgt Ion:128 Resp: 36544

Ion	Ratio	Lower	Upper
128	100		
129	20.2	11.3	16.9#
127	20.2	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6C08

Manual Integrations APPROVED
Sohil
2/2/2018 4:43:04 PM

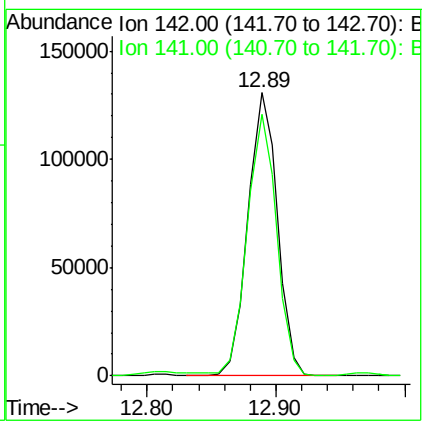


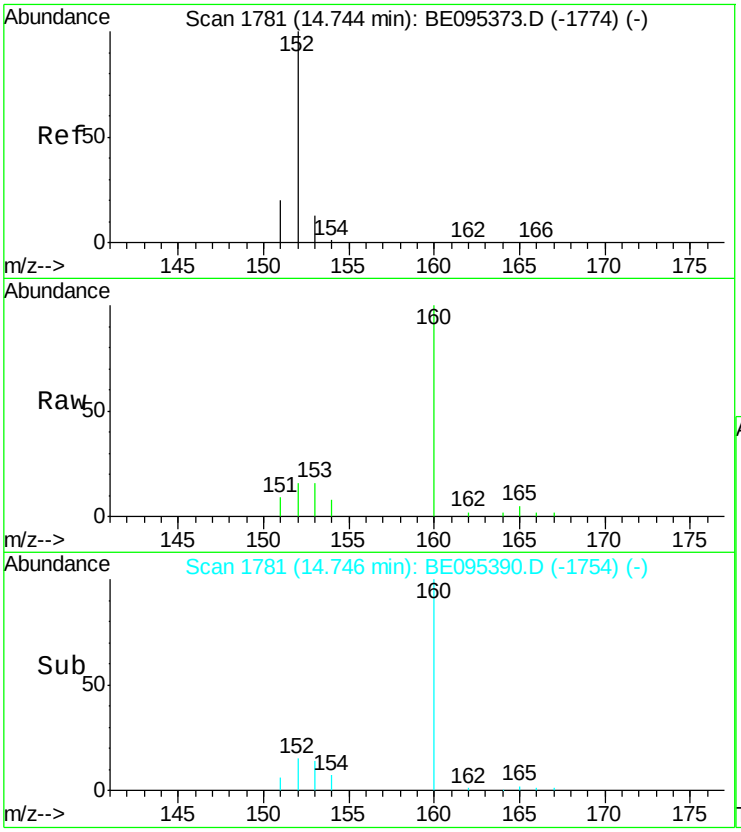


#5
2-Methylnaphthalene
Concen: 14.454 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

Tgt Ion:142 Resp: 207125

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8





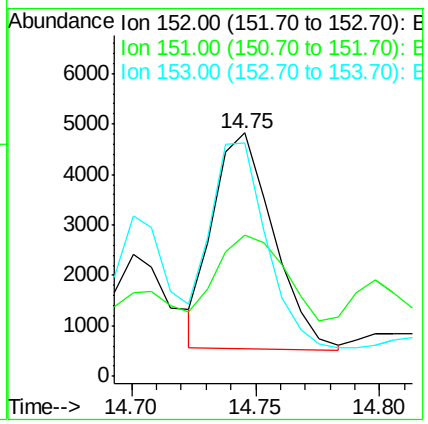
#7
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.75 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

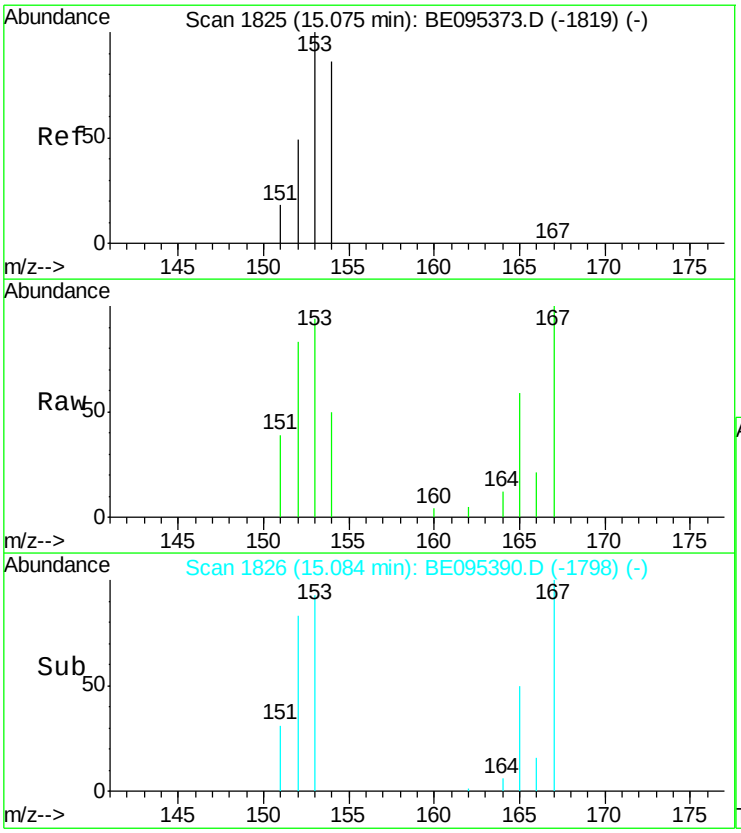
Tgt Ion:152 Resp: 7211

Ion	Ratio	Lower	Upper
152	100		
151	57.9	17.1	25.7#
153	95.6	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F6C08

Manual Integrations APPROVED
Sohil
2/2/2018 4:43:04 PM

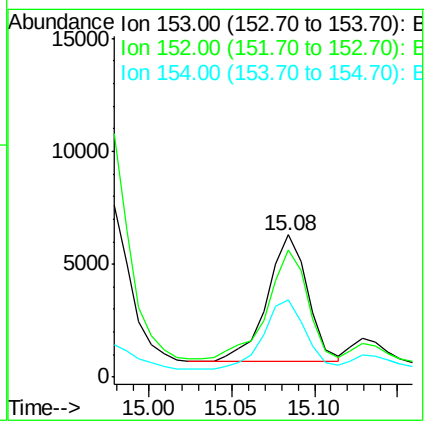


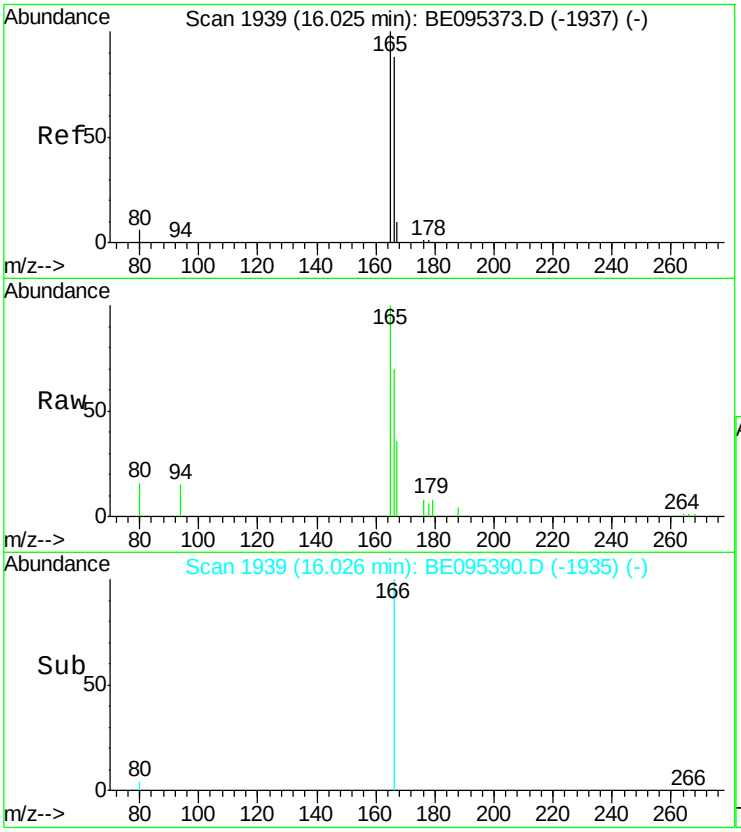


#8
Acenaphthene
Concen: 0.544 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

Tgt Ion:153 Resp: 9595

Ion	Ratio	Lower	Upper
153	100		
152	89.0	36.0	54.0#
154	53.9	72.0	108.0#





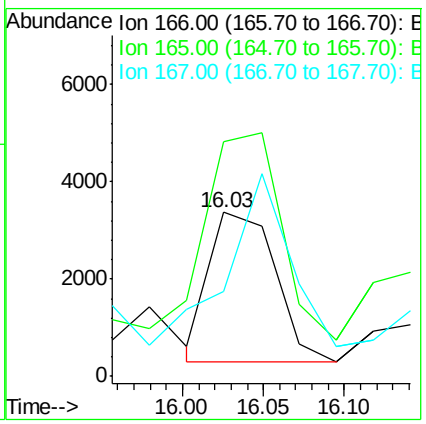
#9
Fluorene
Concen: 0.472 ng/ul
RT: 16.03 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

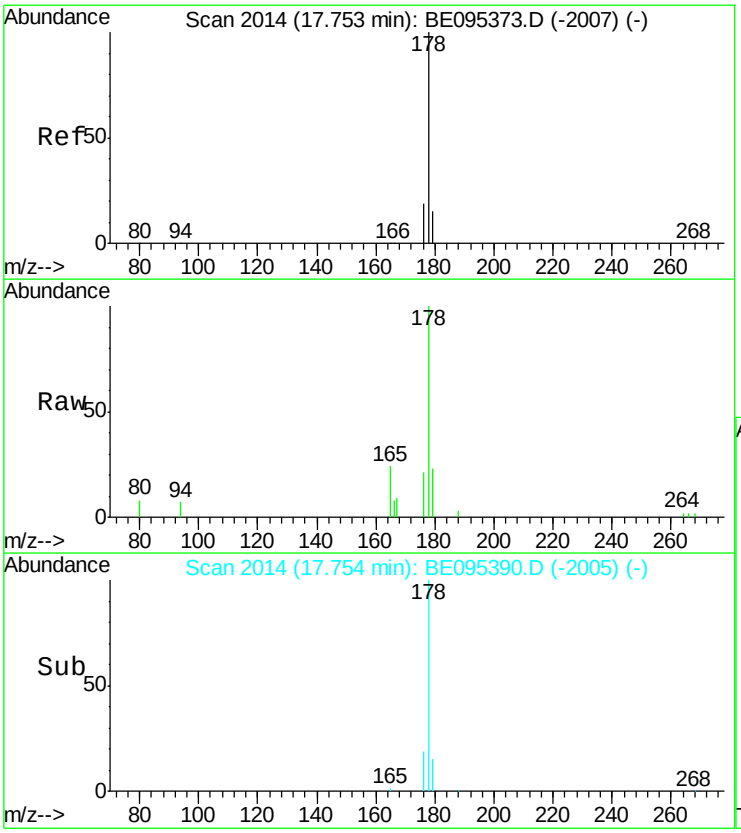
Tgt Ion:166 Resp: 8580

Ion	Ratio	Lower	Upper
166	100		
165	143.3	73.4	110.2#
167	52.1	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F6C08

Manual Integrations APPROVED
Sohil
2/2/2018 4:43:04 PM





#12
Phenanthrene
Concen: 0.168 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095390.D
Acq: 2 Feb 2018 10:50

Tgt Ion:178 Resp: 5180

Ion	Ratio	Lower	Upper
178	100		
179	23.1	18.4	27.6
176	21.4	13.6	20.4#