Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095790.D
Acq On : 15 Mar 2018 6:43
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

Quant Time: Mar 15 09:04:34 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 05:35:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2300	0.40	ng/ul	0.02
2) Naphthalene-d8	11.27	136	6801	0.40	ng/ul	0.02
6) Acenaphthene-d10	15.03	164	4047	0.40	ng/ul	0.02
10) Phenanthrene-d10	17.73	188	8140m	0.40	ng/ul	0.02
16) Chrysene-d12	21.82	240	7856m	0.40	ng/ul	0.02
20) Perylene-d12	24.49	264	7526m	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	2432	0.21	ng/ul	0.02
14) Fluoranthene-d10	19.71	212	5582m	0.22	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	11.32	128	9117	0.480	ng/ul#	89
5) 2-Methylnaphthalene	12.89	142	14916	1.130	ng/ul	99
8) Acenaphthene	15.09	153	690	0.045	ng/ul#	62
12) Phenanthrene	17.78	178	96313m	3.951	ng/ul	
13) Anthracene	17.86	178	5926m	0.260	ng/ul	
15) Fluoranthene	19.74	202	25481m	0.863	ng/ul	
17) Pyrene	20.09	202	77302	2.591	ng/ul#	76
18) Benzo(a)anthracene	21.81	228	31784m	1.254	ng/ul	
19) Chrysene	21.86	228	57527	2.229	ng/ul#	83
21) Benzo(b)fluoranthene	23.66	252	22404m	0.859	ng/ul	
22) Benzo(k)fluoranthene	23.69	252	5579m	0.225	ng/ul	
23) Benzo(a)pyrene	24.36	252	20579m	0.865	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.34	276	11225	0.425	ng/ul#	73
25) Dibenzo(a,h)anthracene	27.34	278	6217m	0.295	ng/ul	
26) Benzo(g,h,i)perylene	28.22	276	28993	1.279	ng/ul#	82

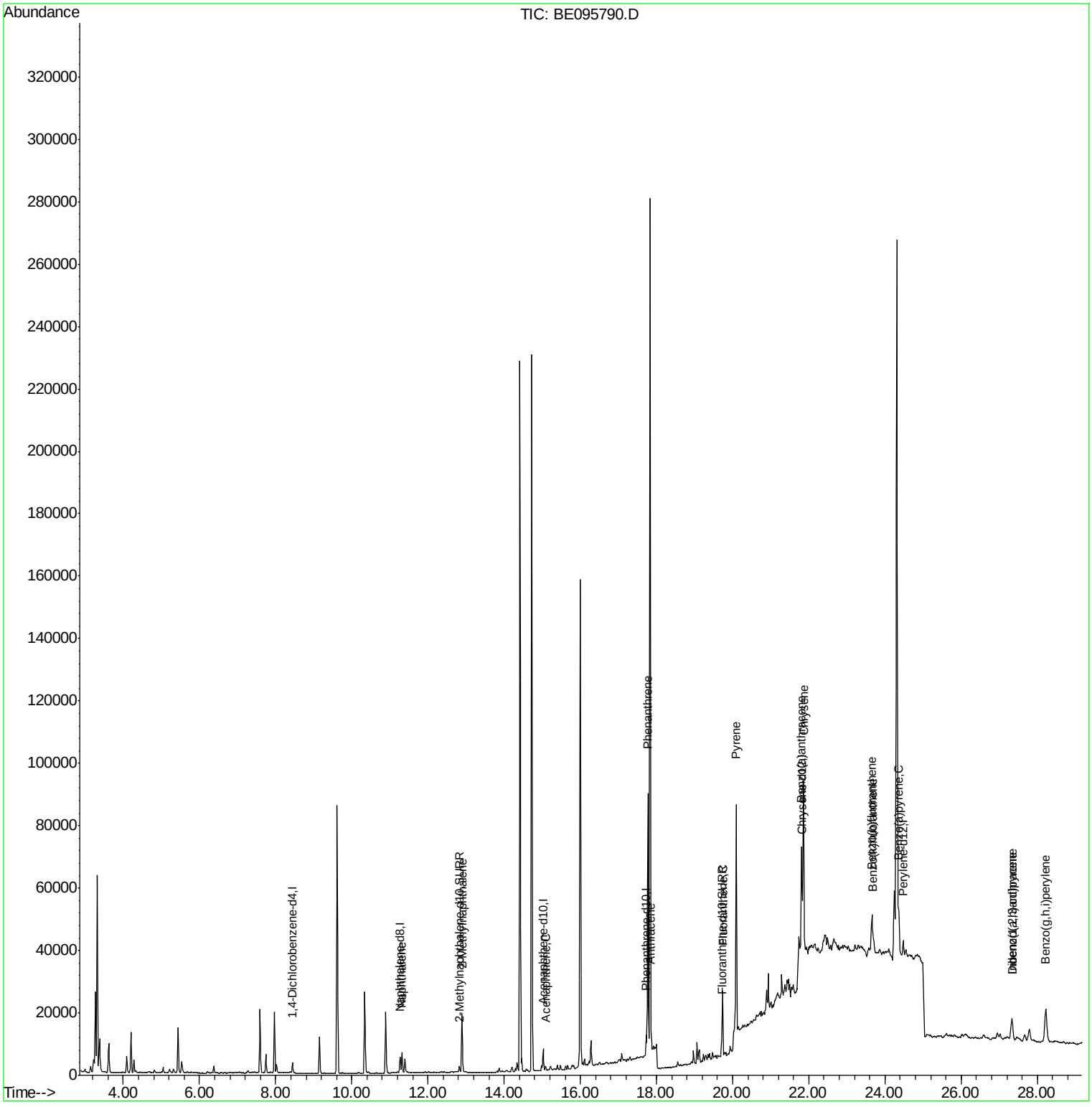
(#) = qualifier out of range (m) = manual integration (+) = signals summed

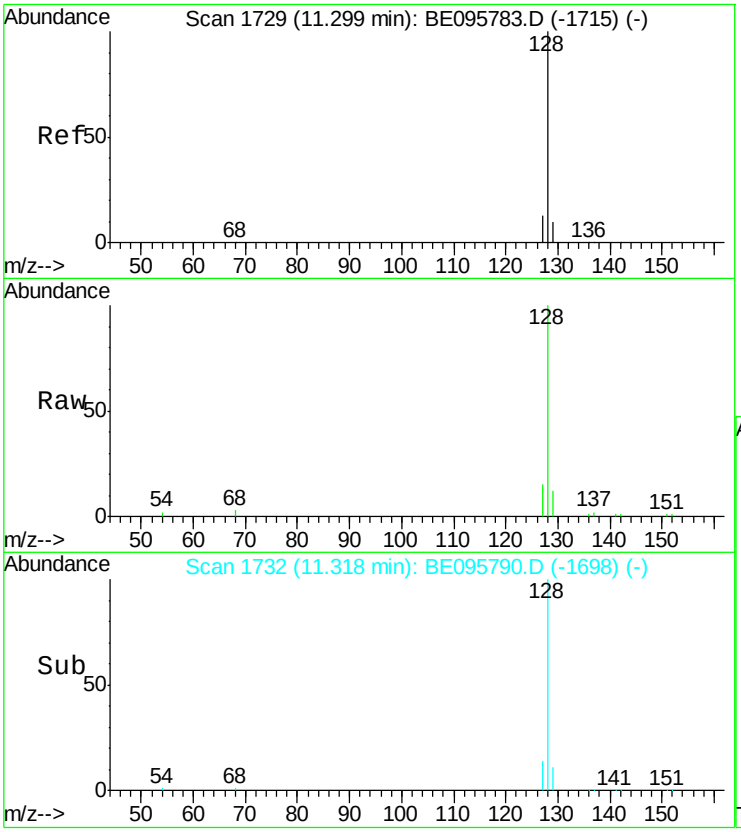
Data Path : Z:\HPCHEM1\BNA E\DATA\BE031418\
Data File : BE095790.D
Acq On : 15 Mar 2018 6:43
Operator : SJ/JU
Sample : J1835-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 15 09:04:34 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE031318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 05:35:28 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM





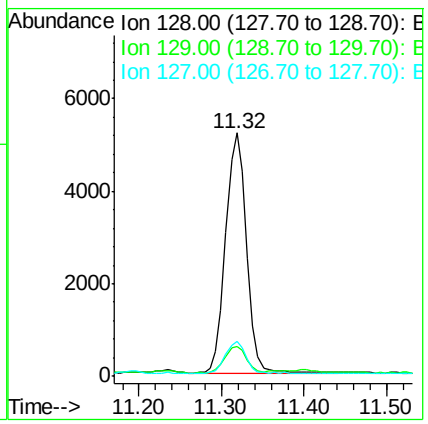
#3
Naphthalene
Concen: 0.480 ng/ul
RT: 11.32 min Scan# 1732
Delta R.T. 0.02 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

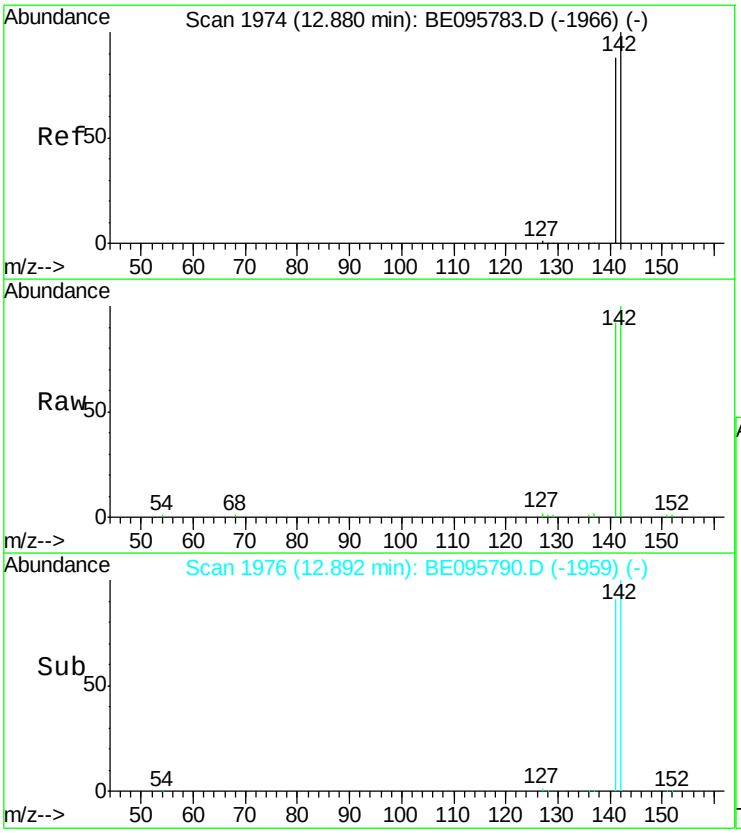
Tgt Ion:128 Resp: 9117

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	14.5	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

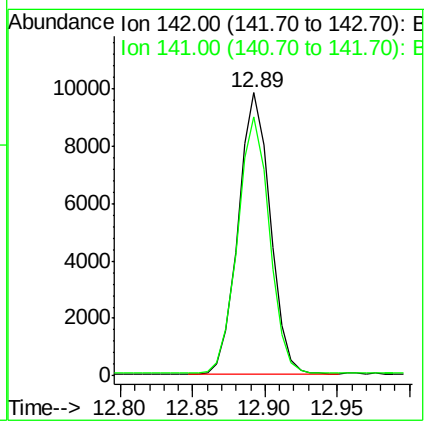


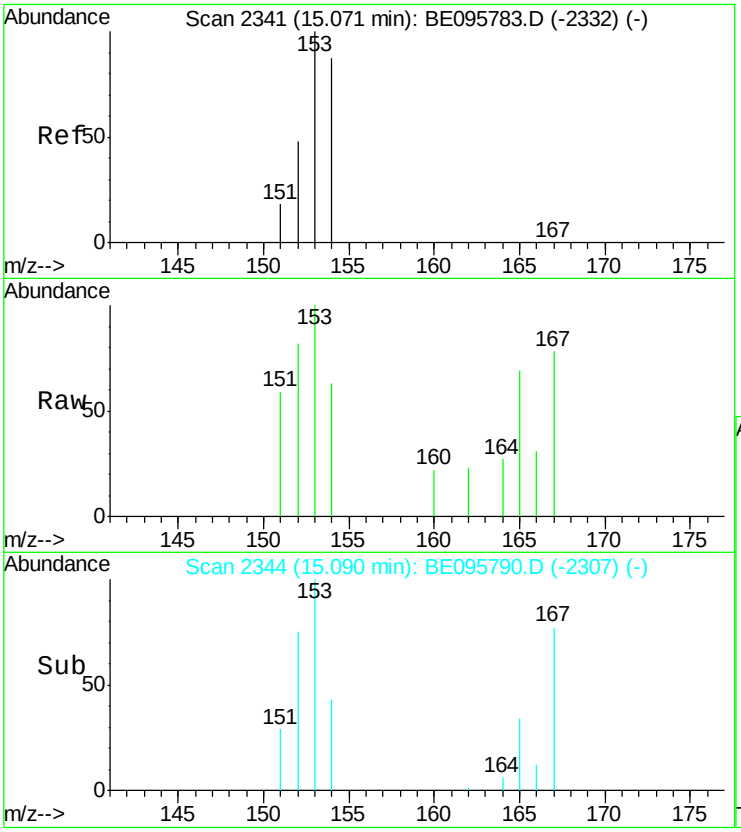


#5
2-Methylnaphthalene
Concen: 1.130 ng/ul
RT: 12.89 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:142 Resp: 14916

Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.6	108.8





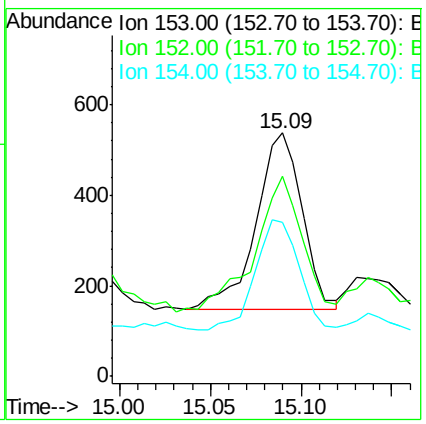
#8
Acenaphthene
Concen: 0.045 ng/ul
RT: 15.09 min Scan# 2344
Delta R.T. 0.02 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

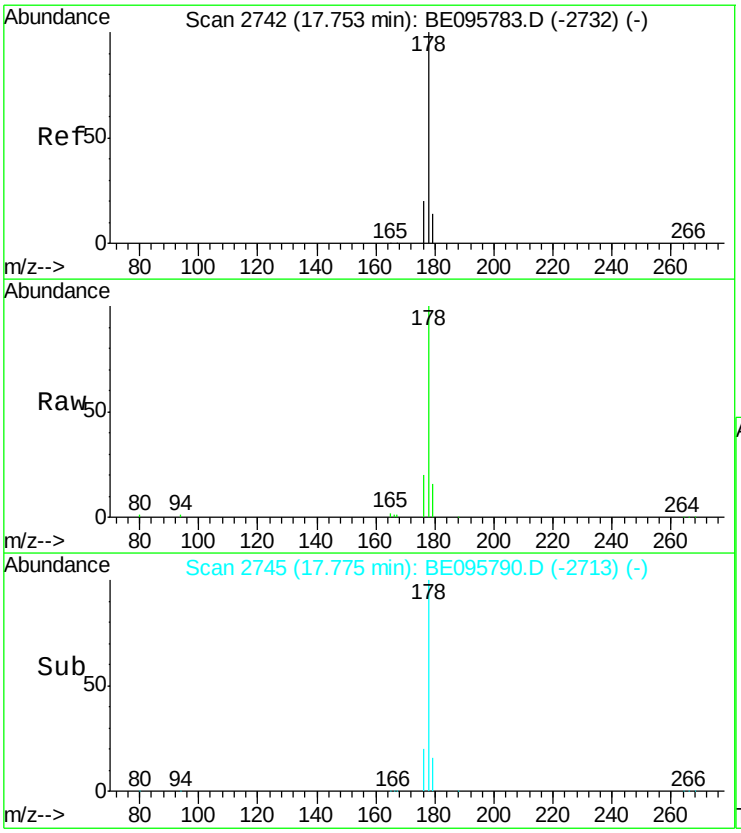
Tgt Ion:153 Resp: 690

Ion	Ratio	Lower	Upper
153	100		
152	82.2	36.0	54.0#
154	63.0	72.0	108.0#

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

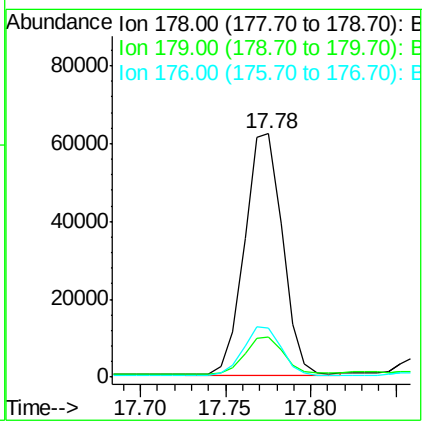


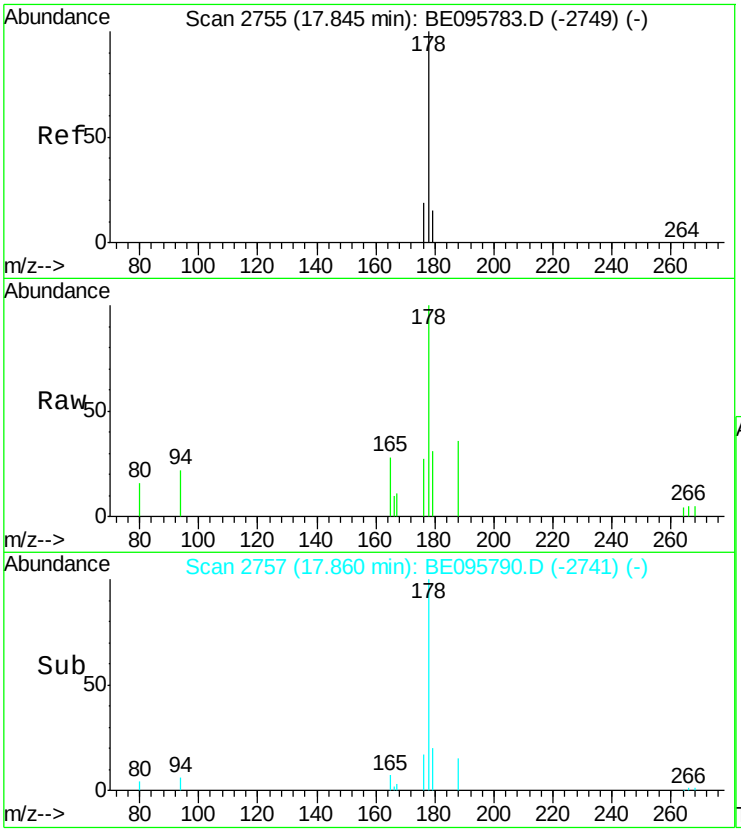


#12
Phenanthrene
Concen: 3.951 ng/ul m
RT: 17.78 min Scan# 2745
Delta R.T. 0.02 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:178 Resp: 96313

Ion	Ratio	Lower	Upper
178	100		
179	16.5	18.4	27.6#
176	20.2	13.6	20.4





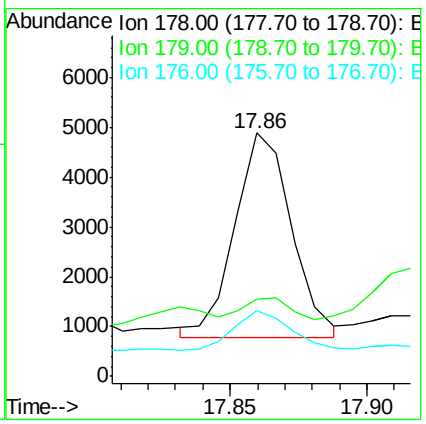
#13
Anthracene
Concen: 0.260 ng/ul m
RT: 17.86 min Scan# 2757
Delta R.T. 0.01 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

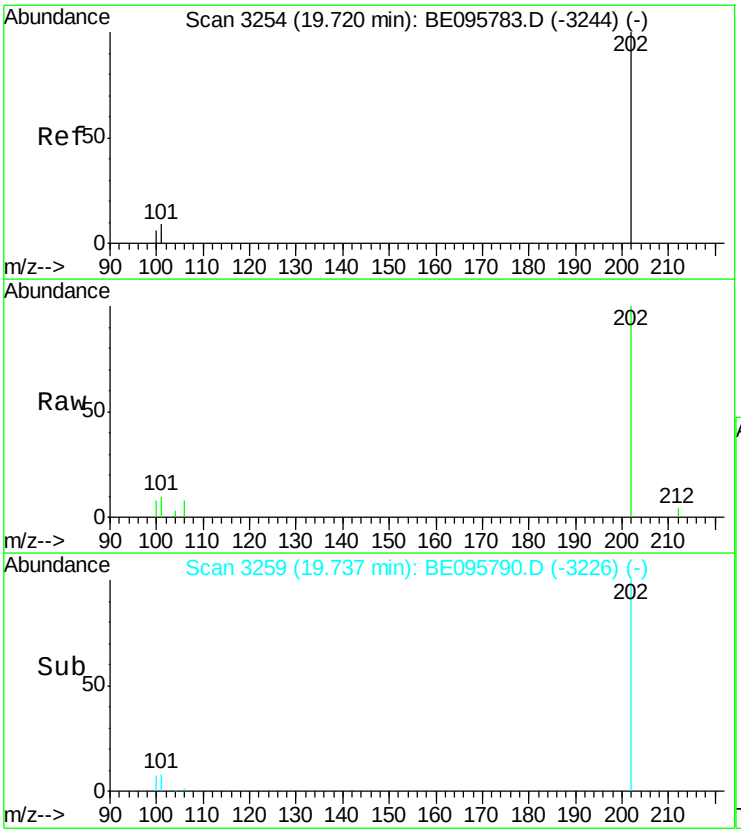
Tgt Ion:178 Resp: 5926

Ion	Ratio	Lower	Upper
178	100		
179	31.5	18.1	27.1#
176	26.7	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

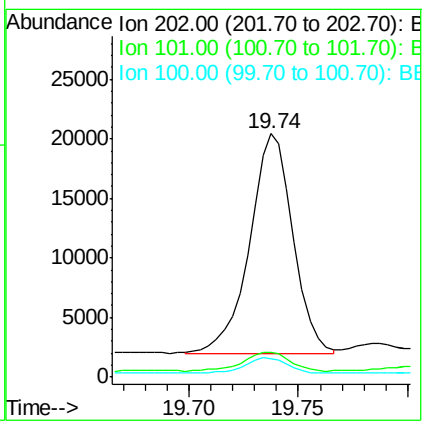


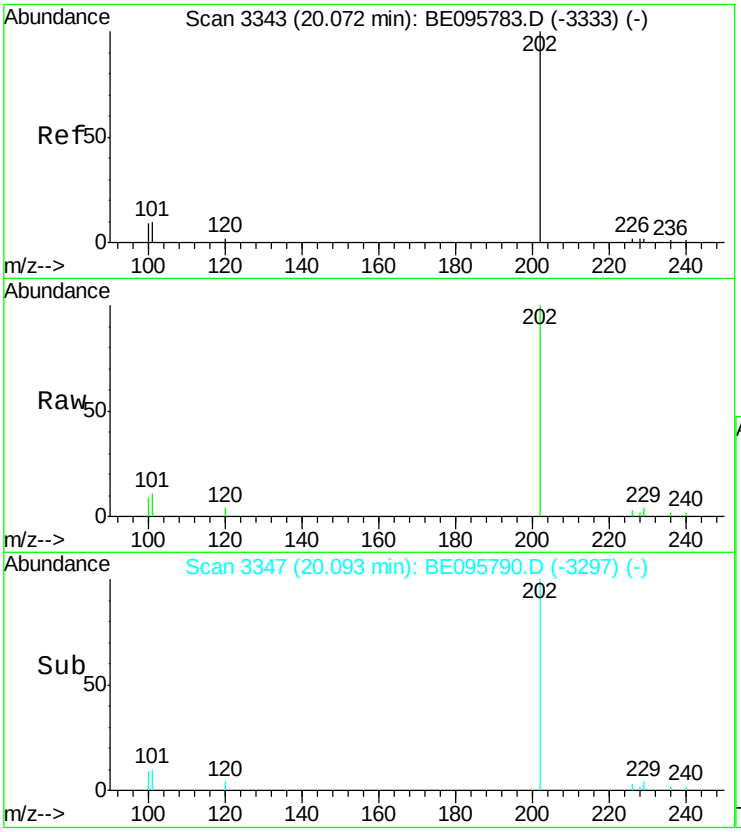


#15
Fluoranthene
Concen: 0.863 ng/ul m
RT: 19.74 min Scan# 3259
Delta R.T. 0.02 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:202 Resp: 25481

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	30.3
100	7.6	0.0	39.5





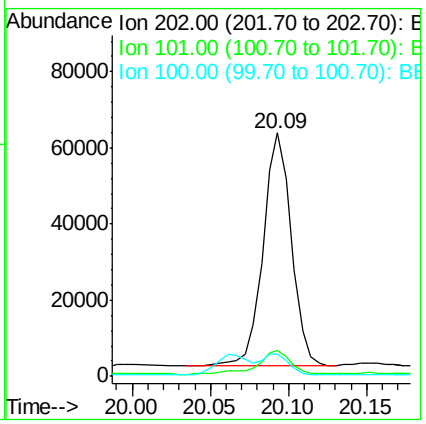
#17
Pyrene
Concen: 2.591 ng/ul
RT: 20.09 min Scan# 3347
Delta R.T. 0.02 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

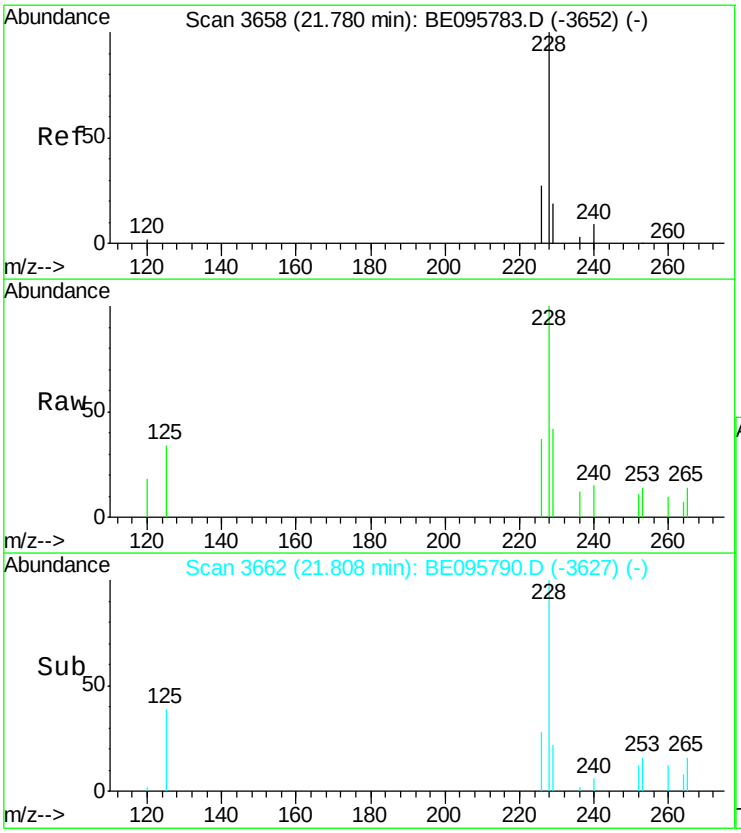
Tgt Ion:202 Resp: 77302

Ion	Ratio	Lower	Upper
202	100		
101	10.6	18.2	27.4#
100	9.0	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

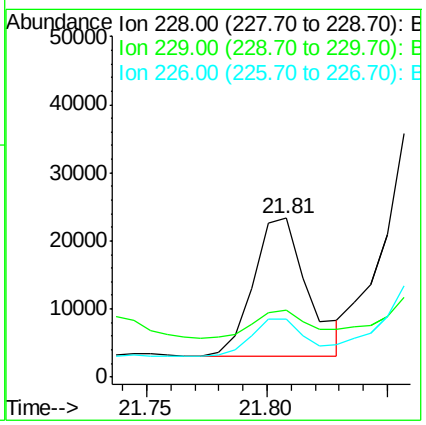


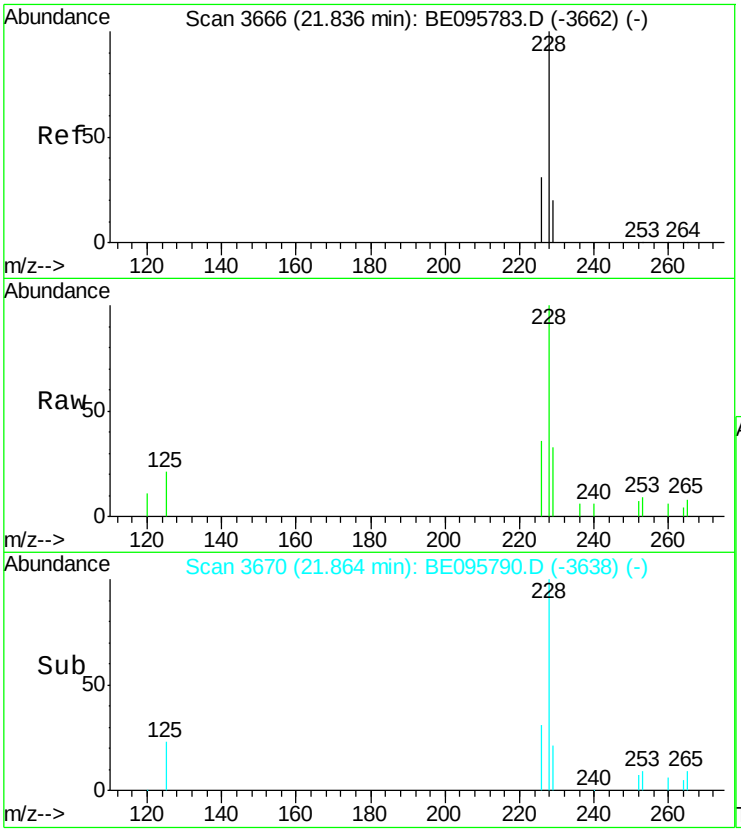


#18
Benzo(a)anthracene
Concen: 1.254 ng/ul m
RT: 21.81 min Scan# 3662
Delta R.T. 0.03 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:228 Resp: 31784

Ion	Ratio	Lower	Upper
228	100		
229	41.9	22.8	34.2#
226	36.7	17.0	25.6#





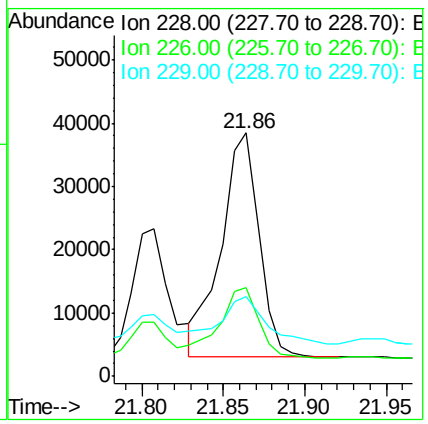
#19
Chrysene
Concen: 2.229 ng/ul
RT: 21.86 min Scan# 3670
Delta R.T. 0.03 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

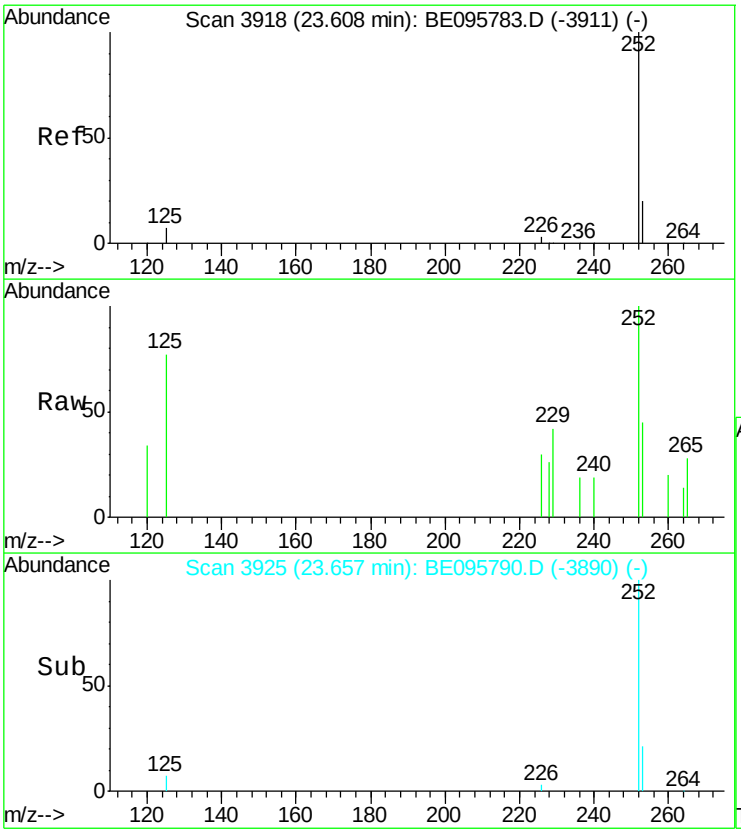
Tgt Ion:228 Resp: 57527

Ion	Ratio	Lower	Upper
228	100		
226	36.2	23.4	35.0#
229	32.8	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

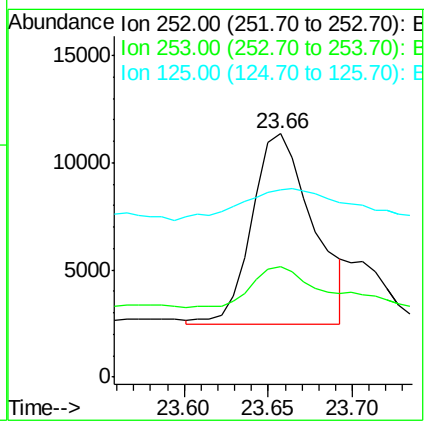


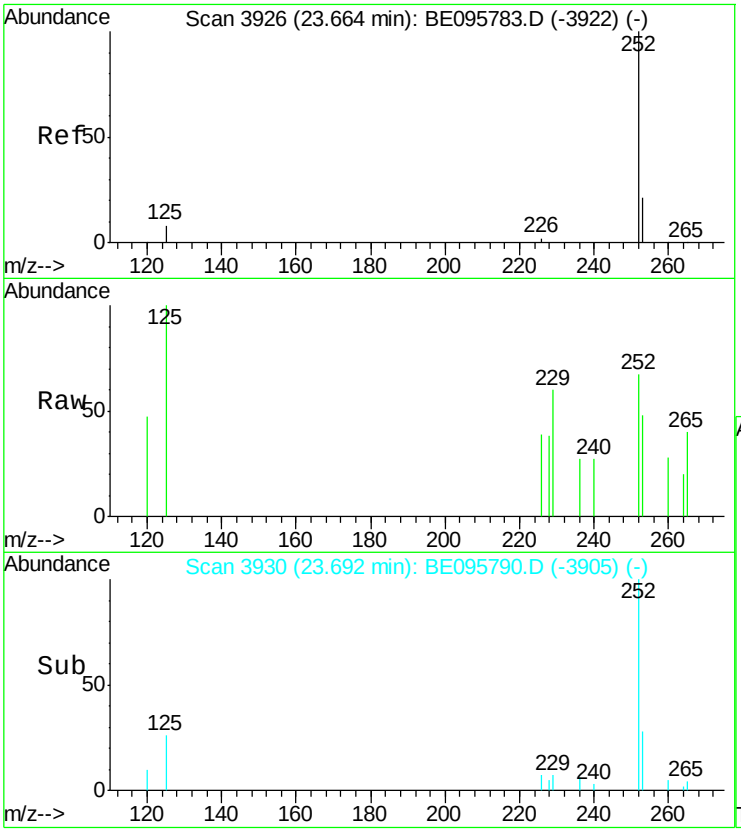


#21
Benzo(b)fluoranthene
Concen: 0.859 ng/ul m
RT: 23.66 min Scan# 3925
Delta R.T. 0.05 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:252 Resp: 22404

Ion	Ratio	Lower	Upper
252	100		
253	45.2	0.0	64.2
125	77.0	0.0	35.0#

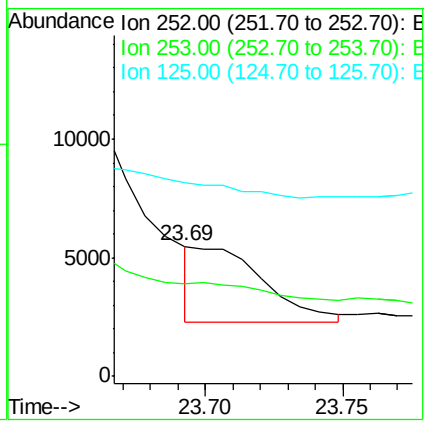




#22
Benzo(k)fluoranthene
Concen: 0.225 ng/ul m
RT: 23.69 min Scan# 3930
Delta R.T. 0.03 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

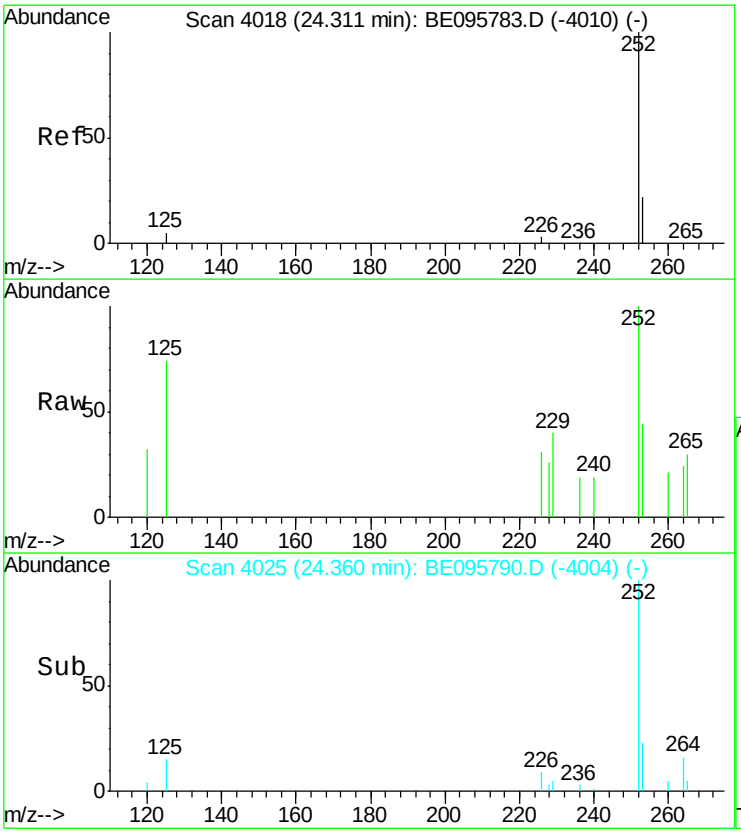
Tgt Ion:252 Resp: 5579

Ion	Ratio	Lower	Upper
252	100		
253	71.2	24.5	36.7#
125	148.8	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F6F08

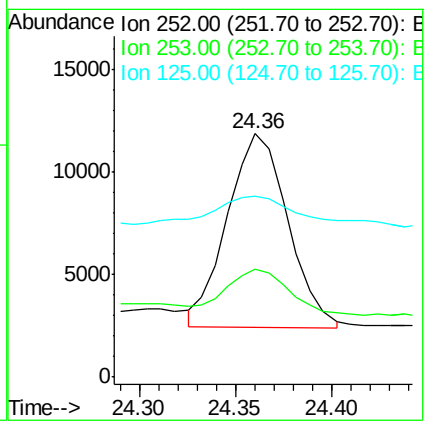
Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

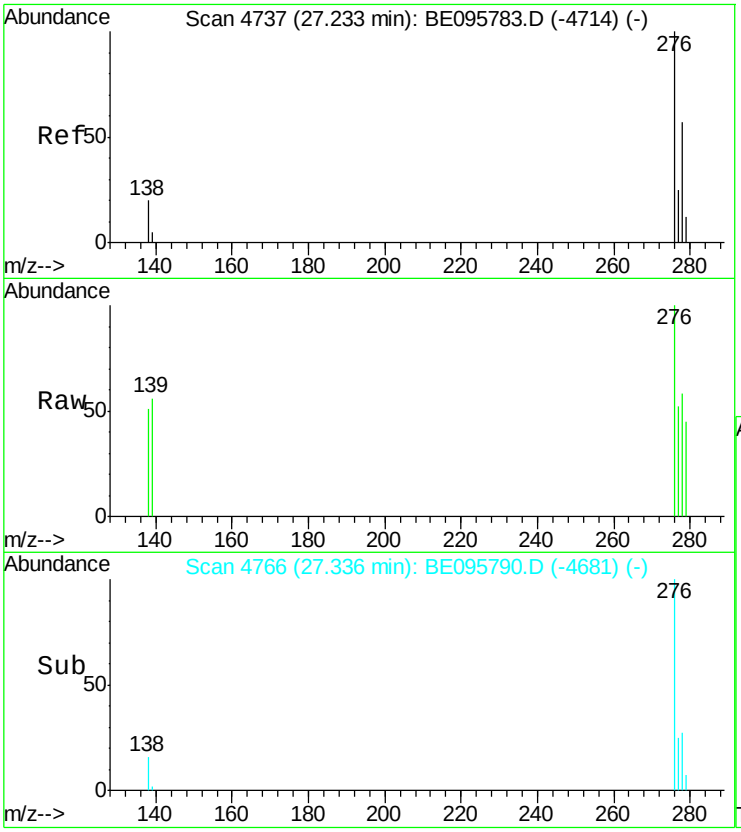


#23
Benzo(a)pyrene
Concen: 0.865 ng/ul m
RT: 24.36 min Scan# 4025
Delta R.T. 0.05 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:252 Resp: 20579

Ion	Ratio	Lower	Upper
252	100		
253	44.1	28.5	42.7#
125	74.4	18.1	27.1#





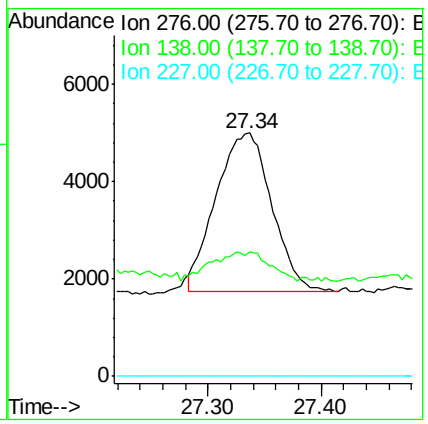
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.425 ng/ul
RT: 27.34 min Scan# 4766
Delta R.T. 0.10 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

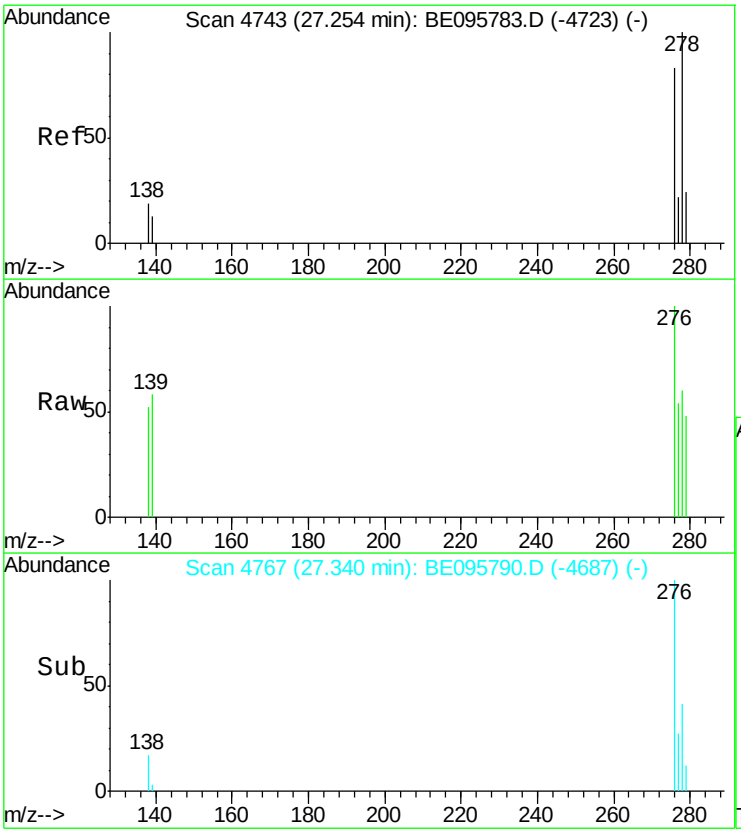
Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM

Tgt Ion:276 Resp: 11225

Ion	Ratio	Lower	Upper
276	100		
138	19.4	28.0	42.0#
227	0.0	8.0	12.0#

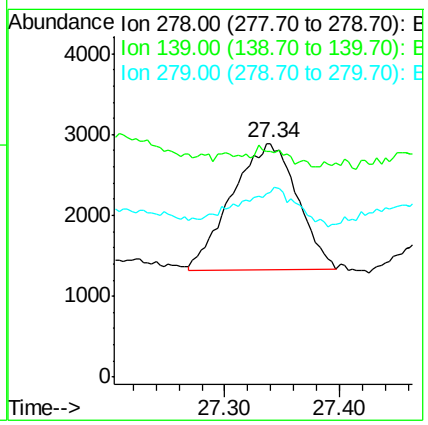


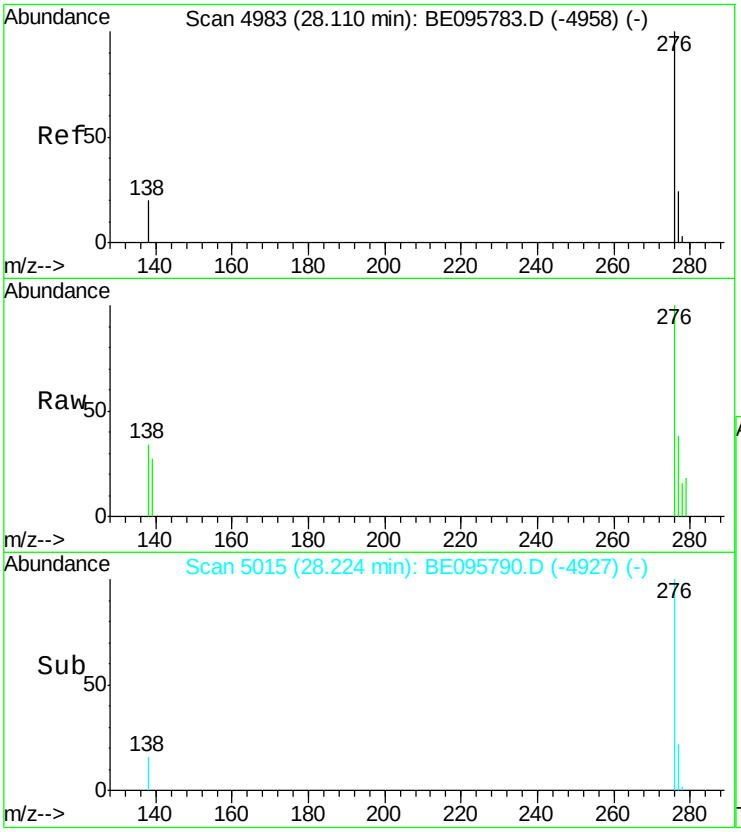


#25
Dibenzo(a,h)anthracene
Concen: 0.295 ng/ul m
RT: 27.34 min Scan# 4767
Delta R.T. 0.09 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:278 Resp: 6217

Ion	Ratio	Lower	Upper
278	100		
139	96.8	17.4	26.0#
279	79.3	25.9	38.9#

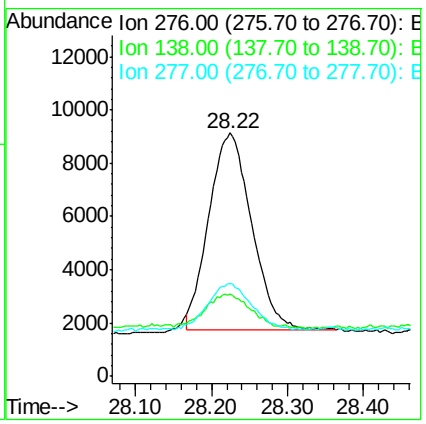




#26
Benzo(g,h,i)perylene
Concen: 1.279 ng/ul
RT: 28.22 min Scan# 5015
Delta R.T. 0.11 min
Lab File: BE095790.D
Acq: 15 Mar 2018 6:43

Tgt Ion:276 Resp: 28993

Ion	Ratio	Lower	Upper
276	100		
138	34.0	21.8	32.8#
277	37.9	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
F6F08

Manual Integrations APPROVED
Sohil
3/15/2018 6:55:14 PM