Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

Quant Time: Jun 15 04:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	4137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	21388	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.37	164	12986	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.10	188	31453	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	27483	0.40	ng/ul	0.00
20) Perylene-d12	23.67	264	22609m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	7194	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.13	212	17584	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.57	128	18222	0.343	ng/ul#	92
5) 2-Methylnaphthalene	12.19	142	4275	0.118	ng/ul	98
7) Acenaphthylene	14.08	152	73549	1.320	ng/ul	96
8) Acenaphthene	14.43	153	3847	0.086	ng/ul	97
9) Fluorene	15.42	166	3633	0.069	ng/ul#	87
12) Phenanthrene	17.14	178	240656m	2.781	ng/ul	
13) Anthracene	17.24	178	86108	1.143	ng/ul	96
15) Fluoranthene	19.16	202	1007884	9.497	ng/ul	84
17) Pyrene	19.52	202	1044342	12.885	ng/ul#	84
18) Benzo(a)anthracene	21.24	228	504479	6.882	ng/ul#	84
19) Chrysene	21.30	228	637553	8.384	ng/ul	98
21) Benzo(b)fluoranthene	22.94	252	998157	14.548	ng/ul	88
22) Benzo(k)fluoranthene	22.98	252	336455m	4.617	ng/ul	
23) Benzo(a)pyrene	23.57	252	453412m	6.989	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.19	276	316435m	4.212	ng/ul	
25) Dibenzo(a,h)anthracene	26.21	278	82271m	1.301	ng/ul	
26) Benzo(g,h,i)perylene	26.97	276	245871	3.817	ng/ul	96

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

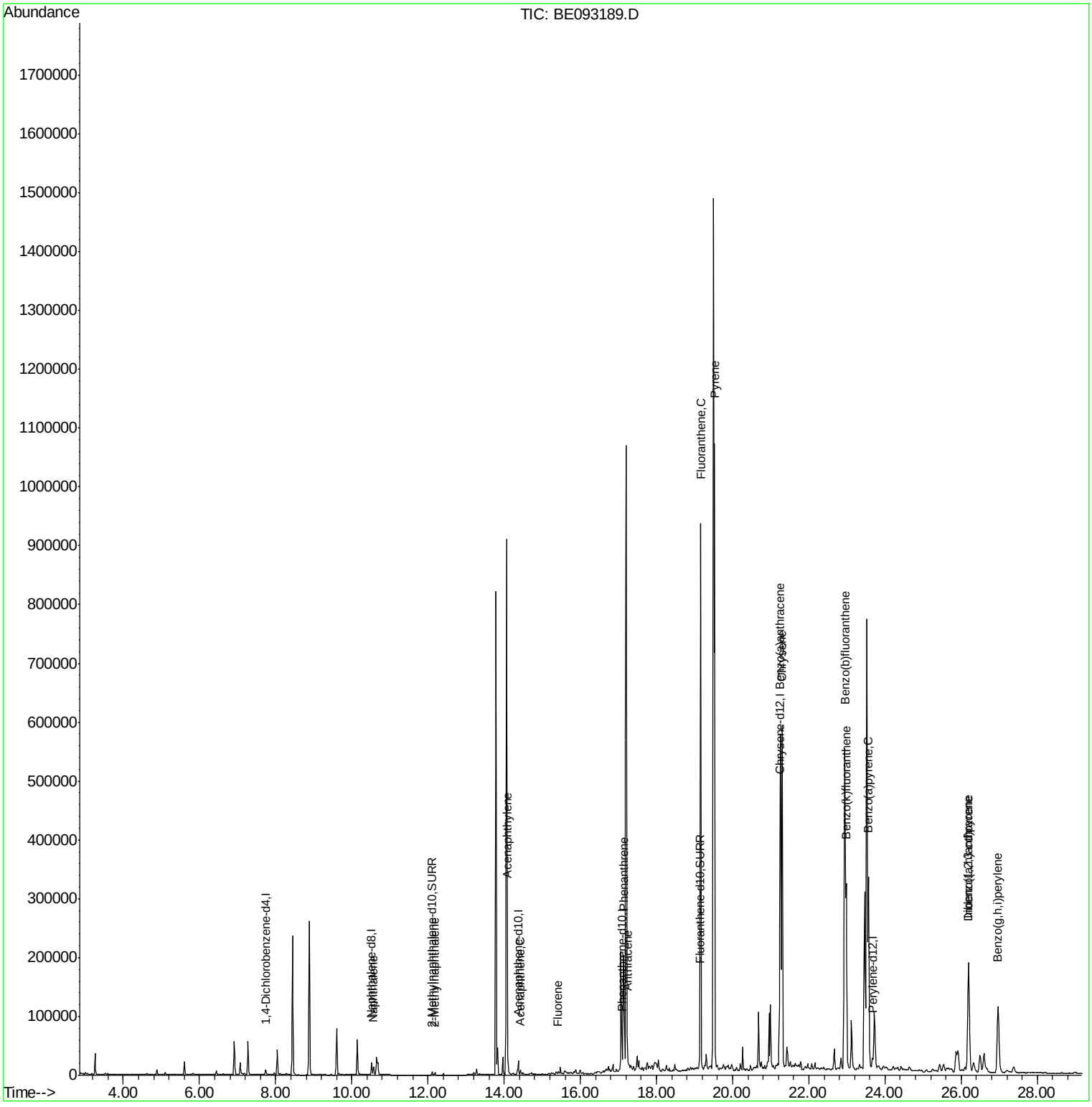
Quantitation Report (QT Reviewed)

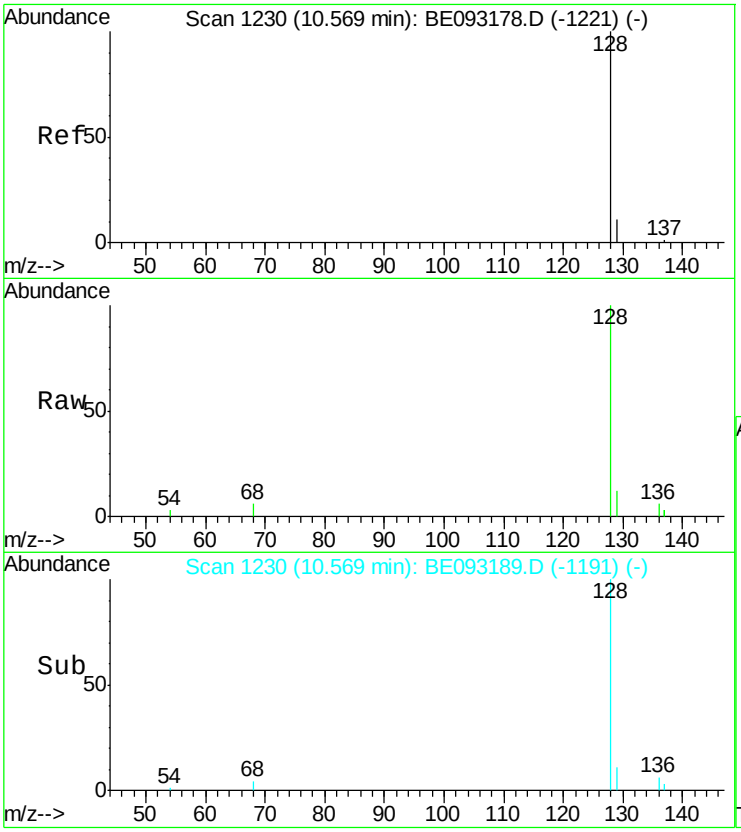
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061417\
Data File : BE093189.D
Acq On : 15 Jun 2017 3:07
Operator : SJ/MA
Sample : I3521-16
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Jun 15 04:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE060717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 03:59:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM





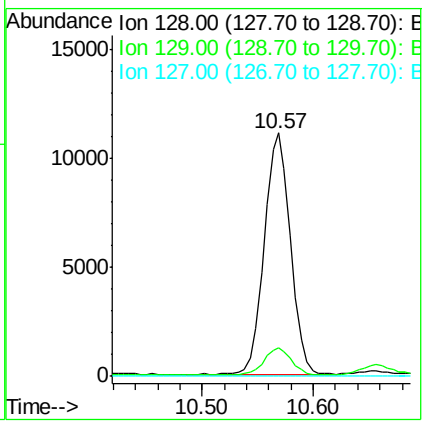
#3
Naphthalene
Concen: 0.343 ng/ul
RT: 10.57 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

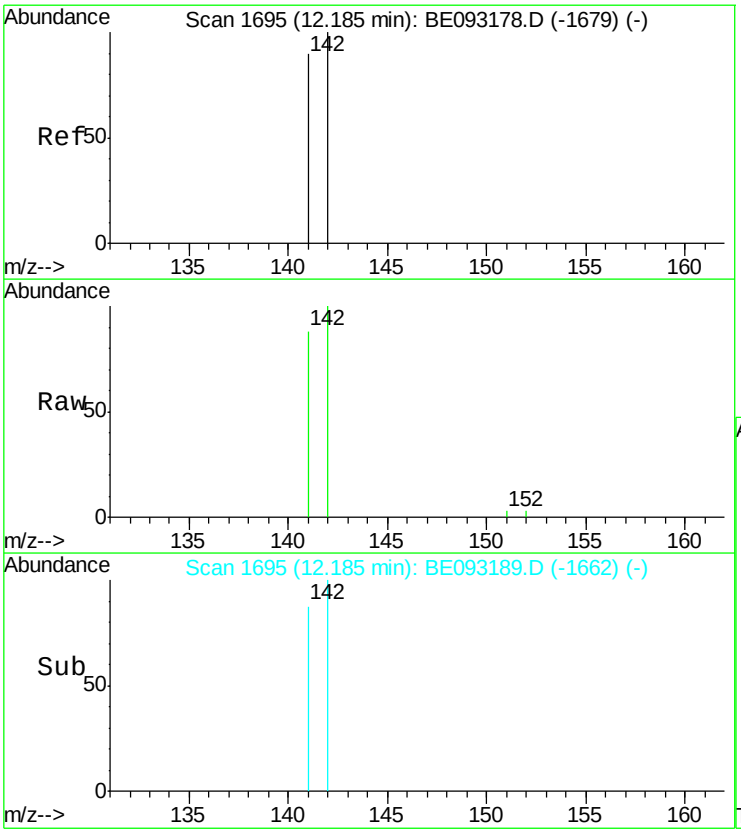
Tgt Ion:128 Resp: 18222

Ion	Ratio	Lower	Upper
128	100		
129	11.7	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

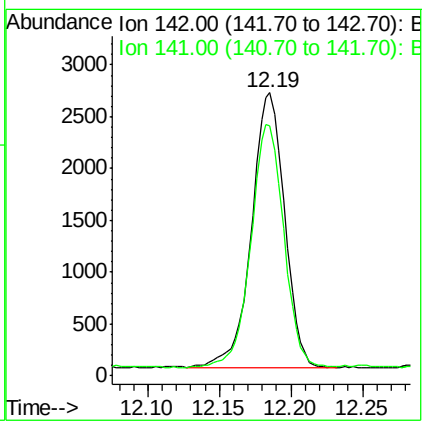


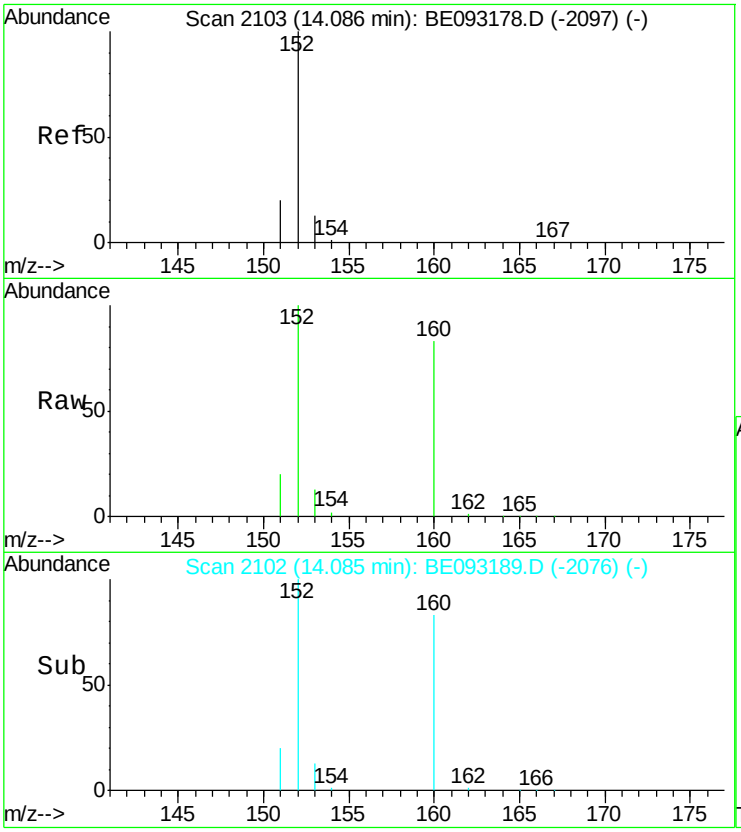


#5
2-Methylnaphthalene
Concen: 0.118 ng/ul
RT: 12.19 min Scan# 1695
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:142 Resp: 4275

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8





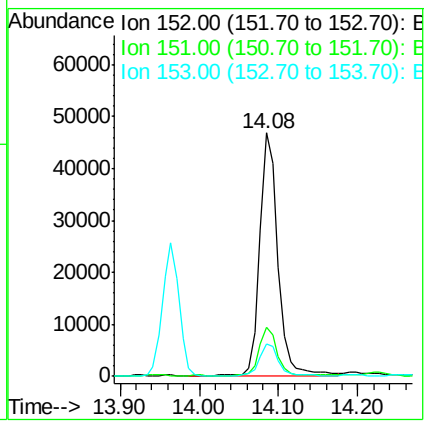
#7
Acenaphthylene
Concen: 1.320 ng/ul
RT: 14.08 min Scan# 2102
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

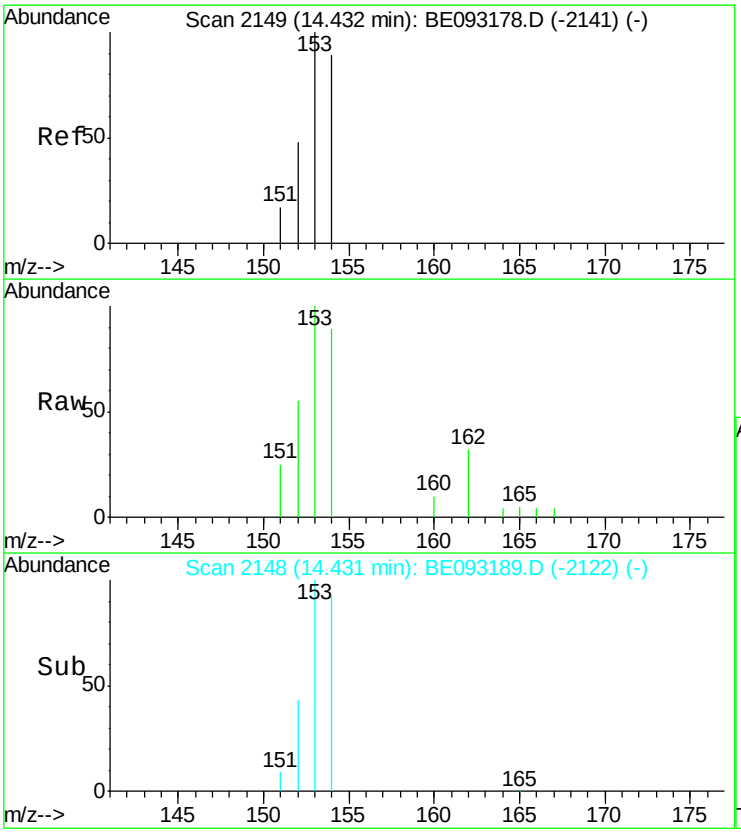
Tgt Ion:152 Resp: 73549

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.3	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

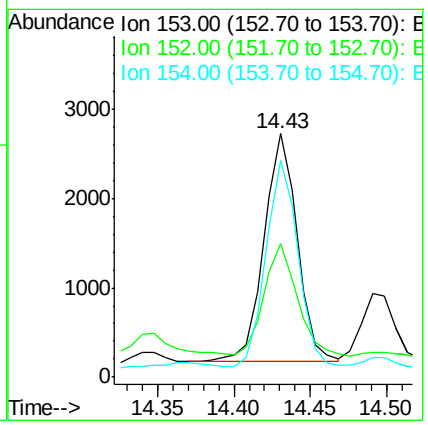


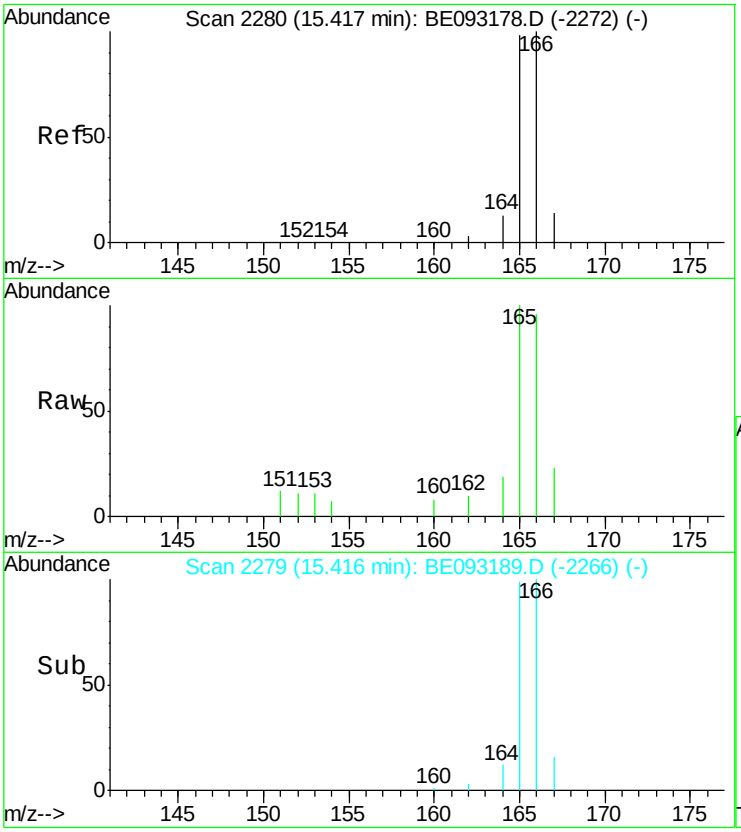


#8
Acenaphthene
Concen: 0.086 ng/ul
RT: 14.43 min Scan# 2148
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:153 Resp: 3847

Ion	Ratio	Lower	Upper
153	100		
152	55.0	40.3	60.5
154	88.9	71.4	107.2

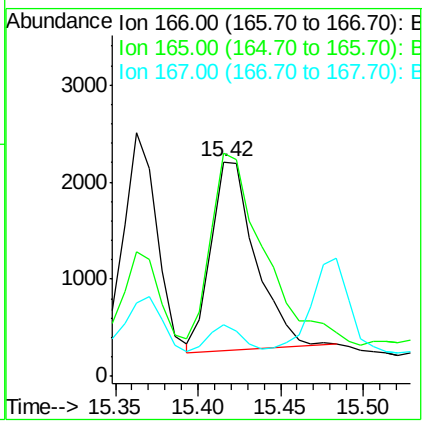




#9
Fluorene
Concen: 0.069 ng/ul
RT: 15.42 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

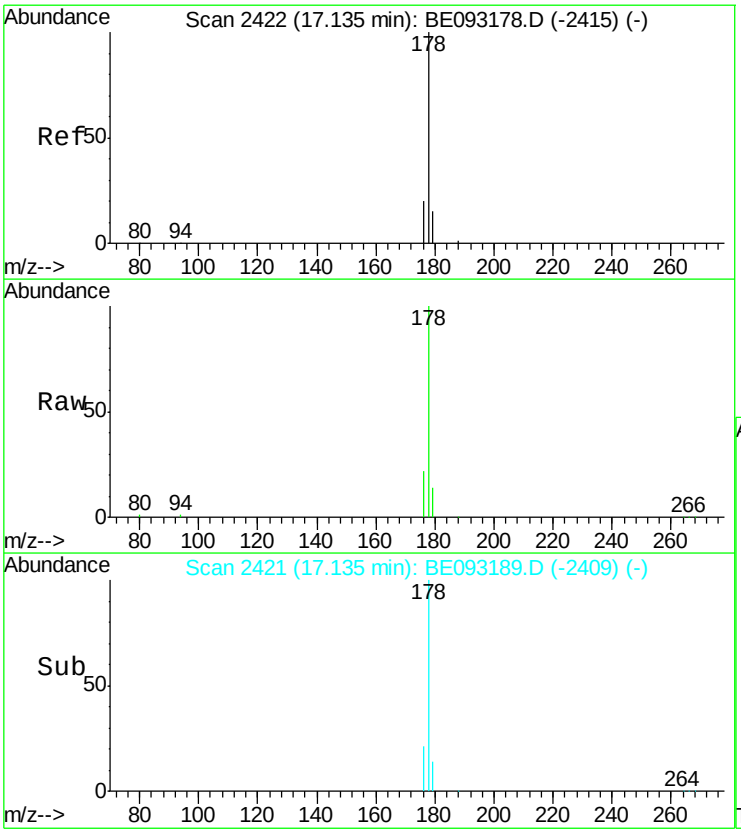
Tgt Ion:166 Resp: 3633

Ion	Ratio	Lower	Upper
166	100		
165	103.8	73.4	110.2
167	24.0	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
F5C36

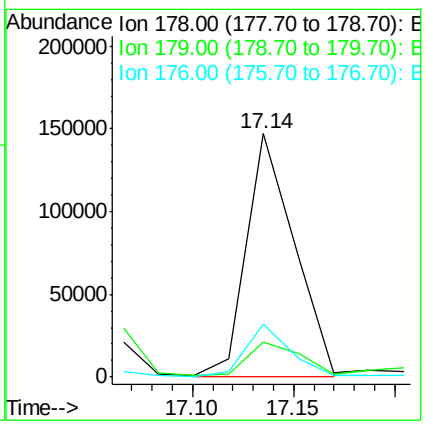
Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

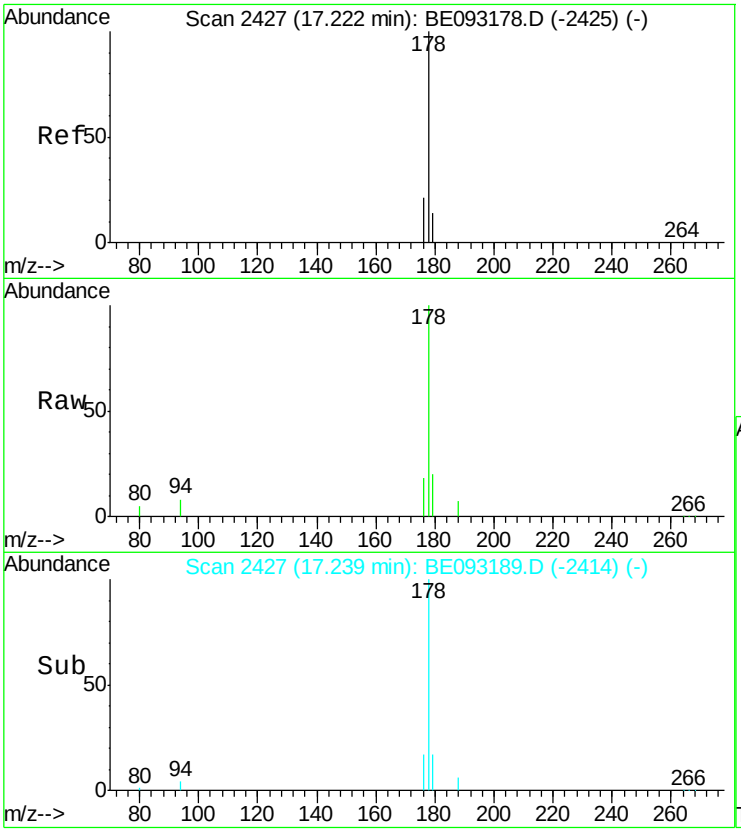


#12
Phenanthrene
Concen: 2.781 ng/ul m
RT: 17.14 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:178 Resp: 240656

Ion	Ratio	Lower	Upper
178	100		
179	14.3	18.4	27.6#
176	21.6	13.6	20.4#

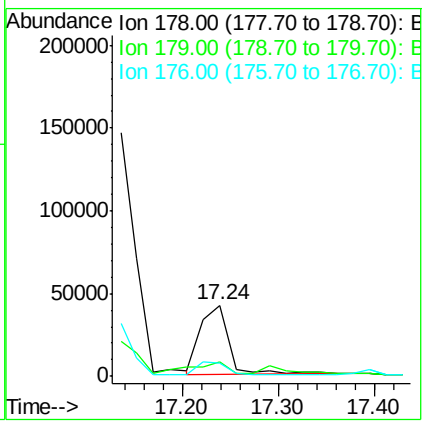




#13
Anthracene
Concen: 1.143 ng/ul
RT: 17.24 min Scan# 2427
Delta R.T. 0.02 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

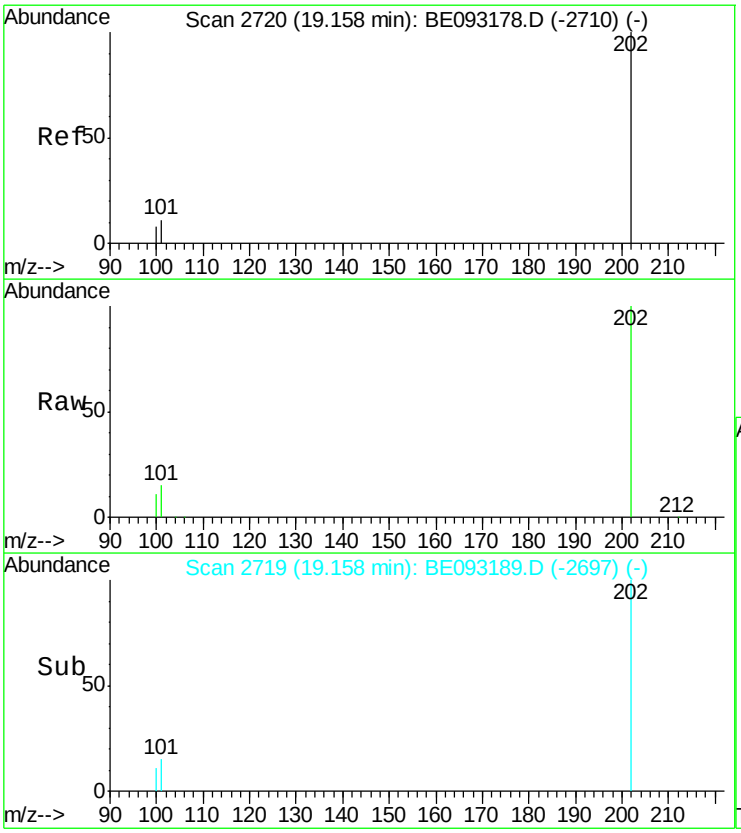
Tgt Ion:178 Resp: 86108

Ion	Ratio	Lower	Upper
178	100		
179	19.8	18.1	27.1
176	17.9	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
F5C36

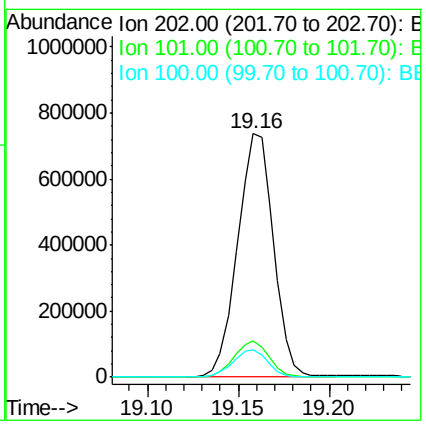
Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

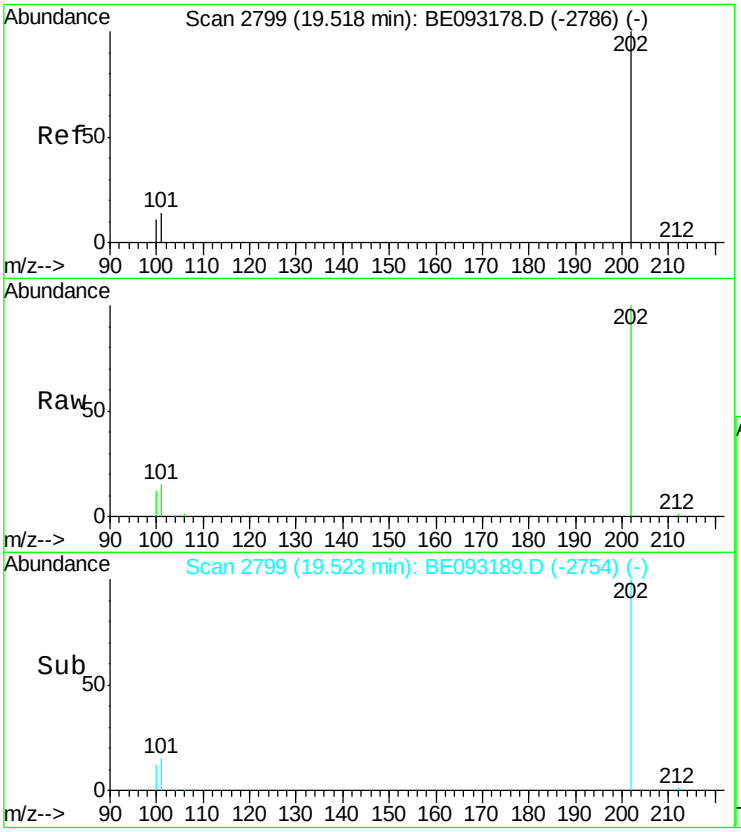


#15
Fluoranthene
Concen: 9.497 ng/ul
RT: 19.16 min Scan# 2719
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:202 Resp: 1007884

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	30.3
100	11.4	0.0	39.5





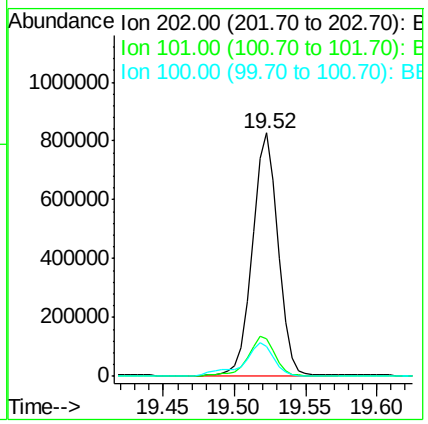
#17
Pyrene
Concen: 12.885 ng/ul
RT: 19.52 min Scan# 2799
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

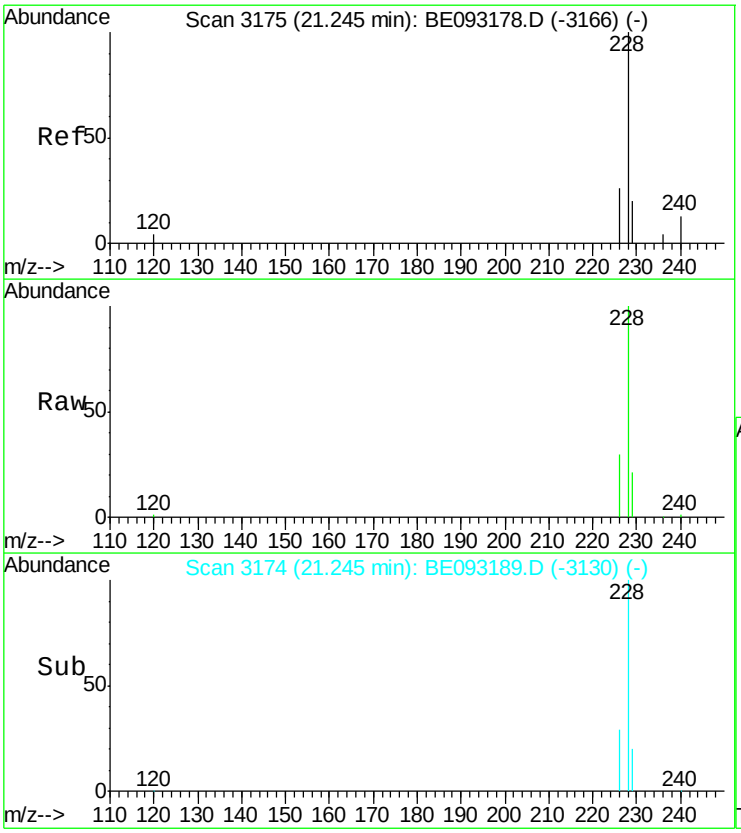
Tgt Ion:202 Resp: 1044342

Ion	Ratio	Lower	Upper
202	100		
101	15.3	18.2	27.4#
100	12.4	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

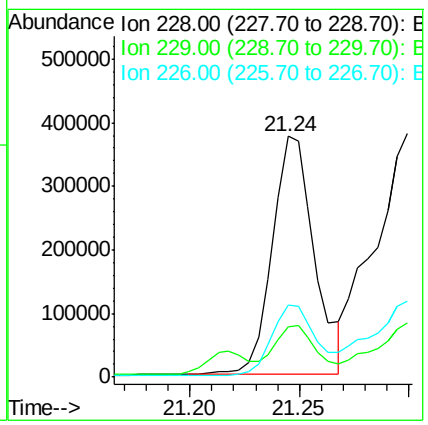


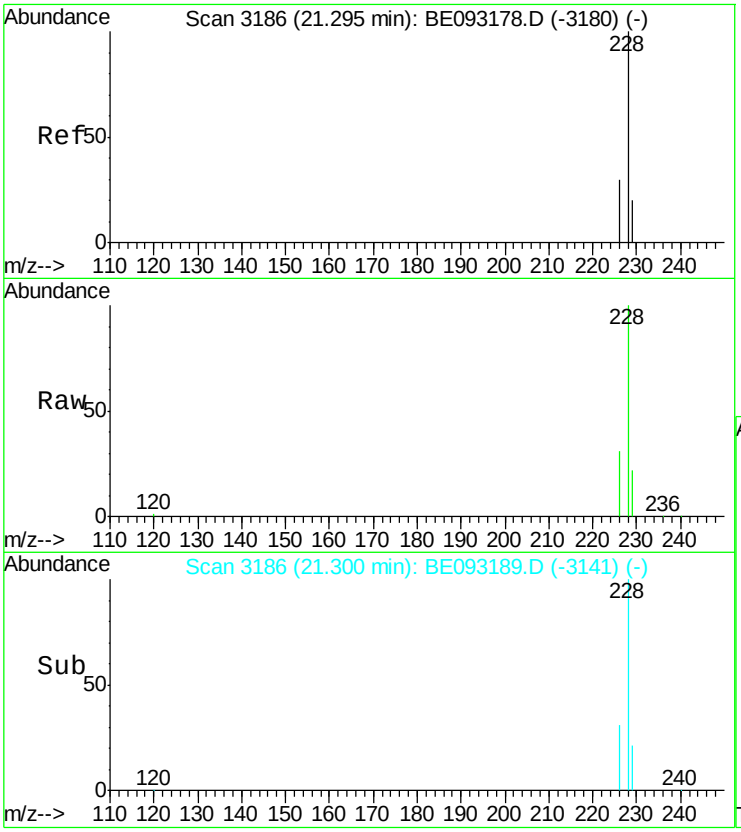


#18
Benzo(a)anthracene
Concen: 6.882 ng/ul
RT: 21.24 min Scan# 3174
Delta R.T. -0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:228 Resp: 504479

Ion	Ratio	Lower	Upper
228	100		
229	21.2	22.8	34.2#
226	29.9	17.0	25.6#





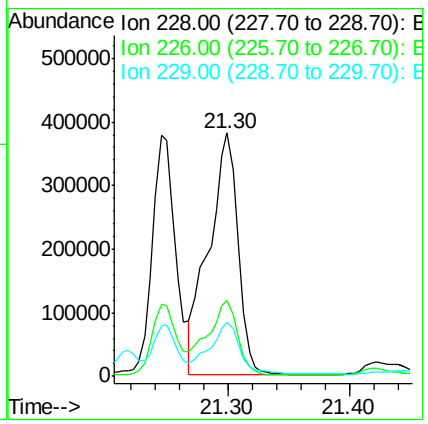
#19
Chrysene
Concen: 8.384 ng/ul
RT: 21.30 min Scan# 3186
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

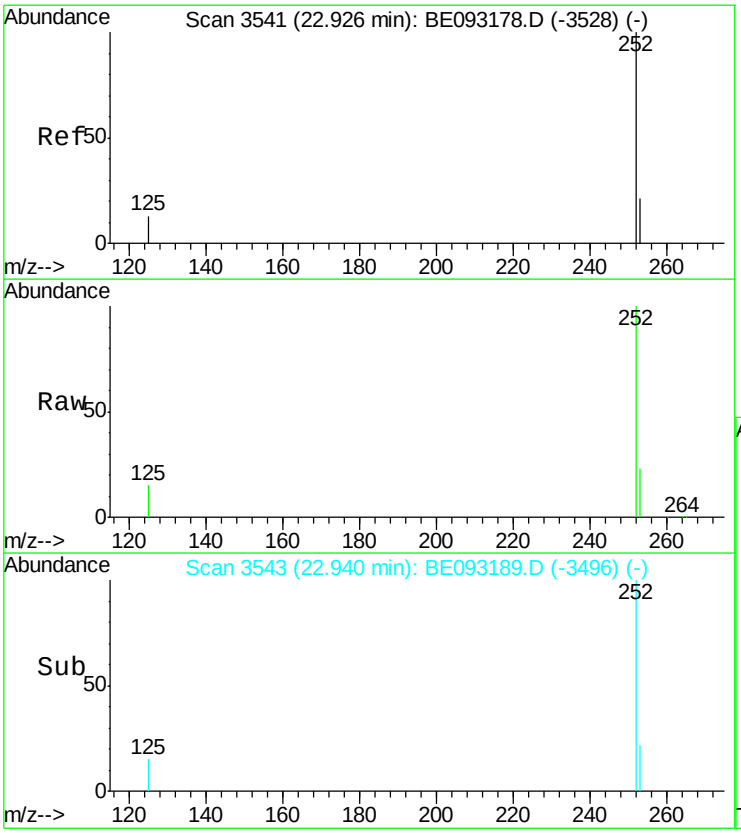
Tgt Ion:228 Resp: 637553

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.4	35.0
229	22.2	17.7	26.5

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

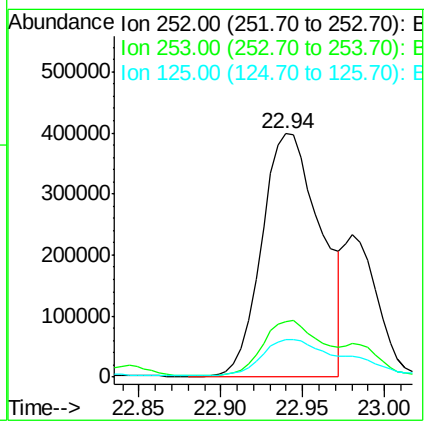


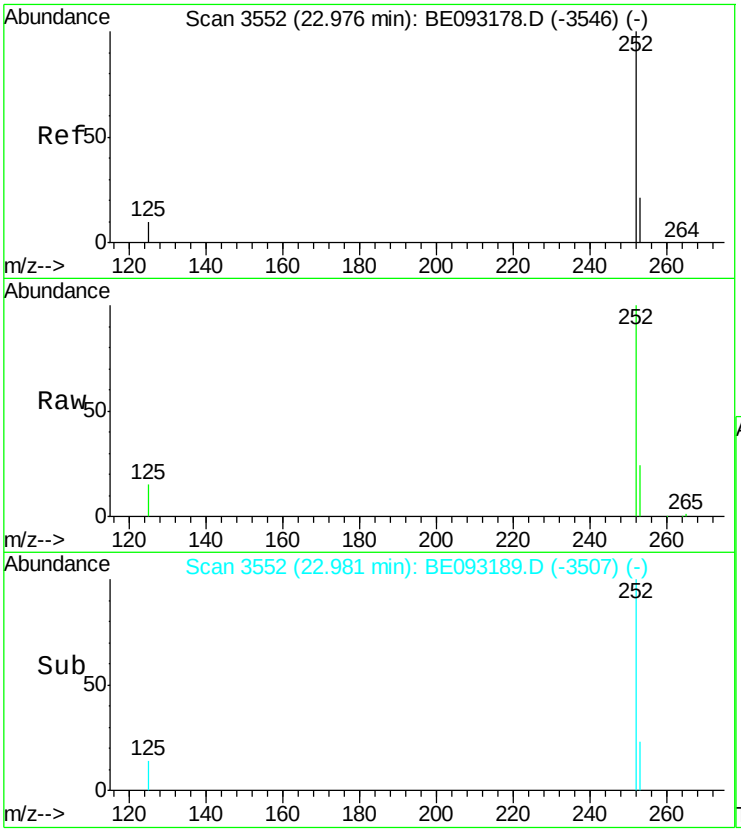


#21
Benzo(b)fluoranthene
Concen: 14.548 ng/ul
RT: 22.94 min Scan# 3543
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:252 Resp: 998157

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	15.2	0.0	35.0





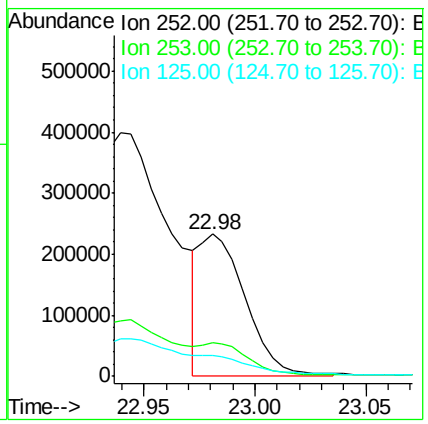
#22
Benzo(k)fluoranthene
Concen: 4.617 ng/ul m
RT: 22.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

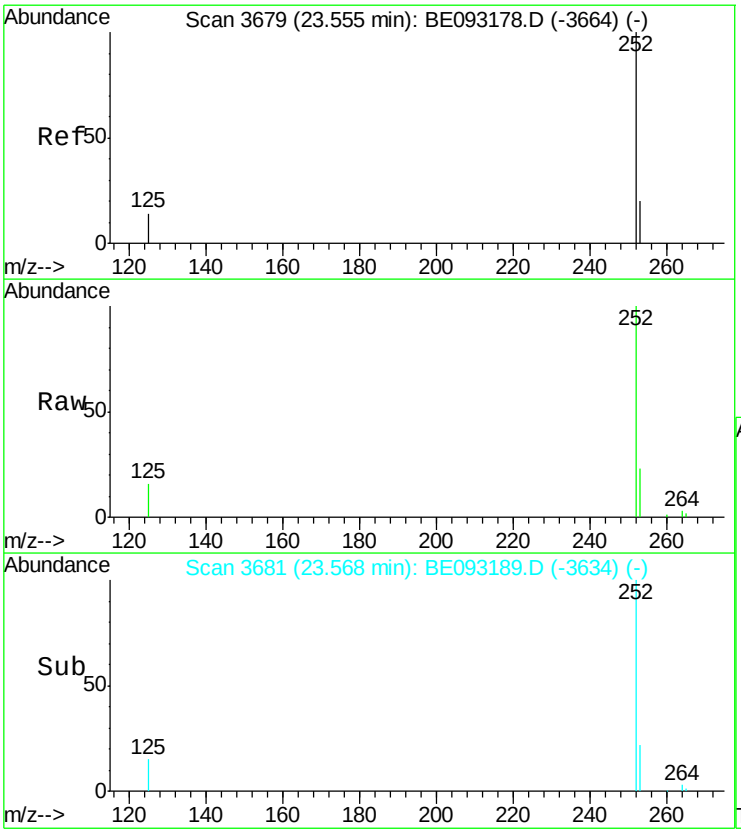
Tgt Ion:252 Resp: 336455

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	15.1	13.7	20.5

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

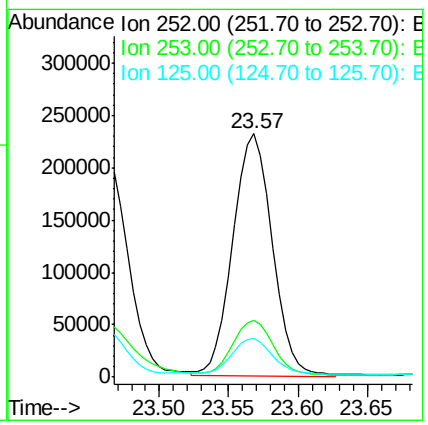


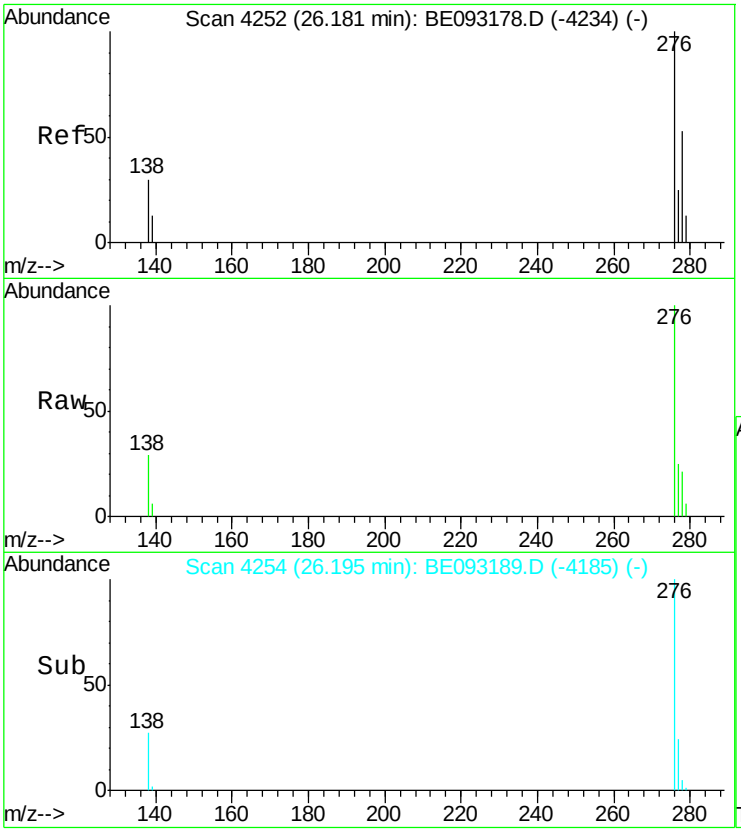


#23
Benzo(a)pyrene
Concen: 6.989 ng/ul m
RT: 23.57 min Scan# 3681
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:252 Resp: 453412

Ion	Ratio	Lower	Upper
252	100		
253	23.4	28.5	42.7#
125	15.9	18.1	27.1#





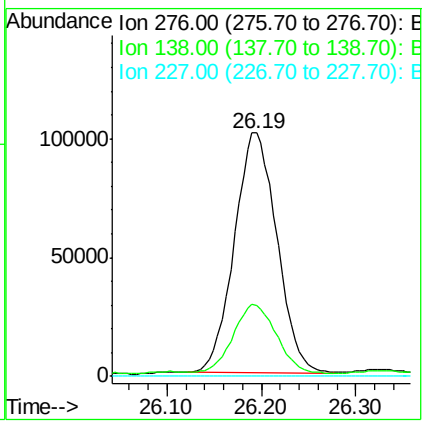
#24
Indeno(1,2,3-cd)pyrene
Concen: 4.212 ng/ul m
RT: 26.19 min Scan# 4254
Delta R.T. 0.01 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

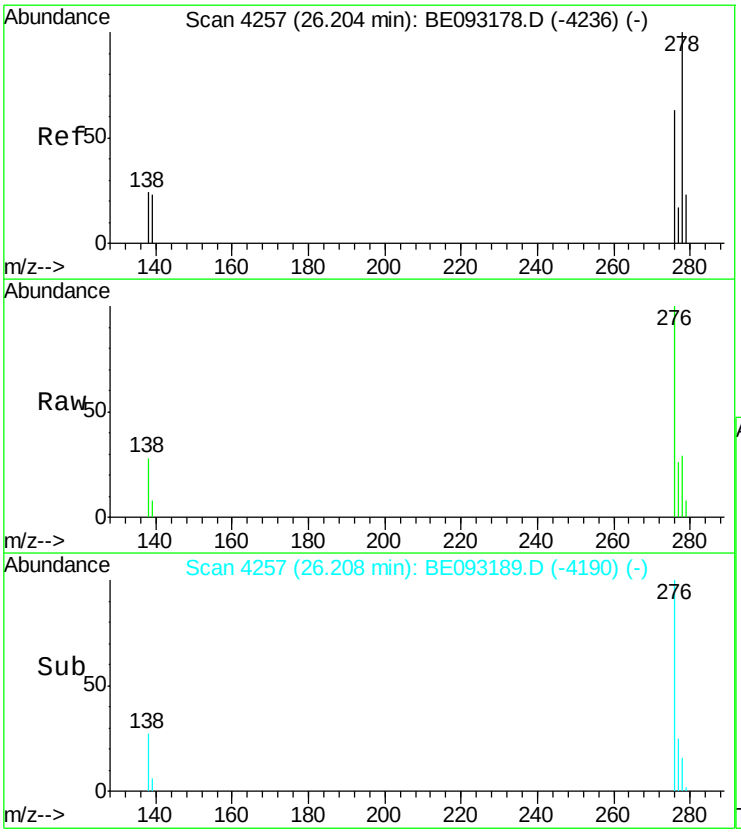
Tgt Ion:276 Resp: 316435

Ion	Ratio	Lower	Upper
276	100		
138	3.1	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM

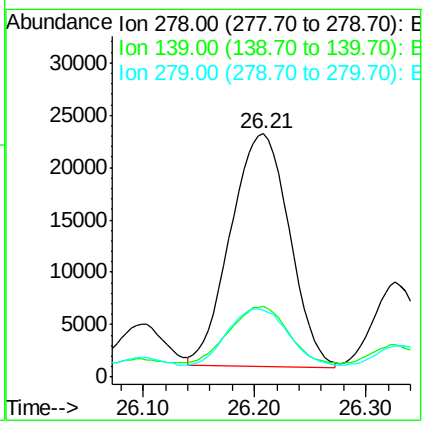


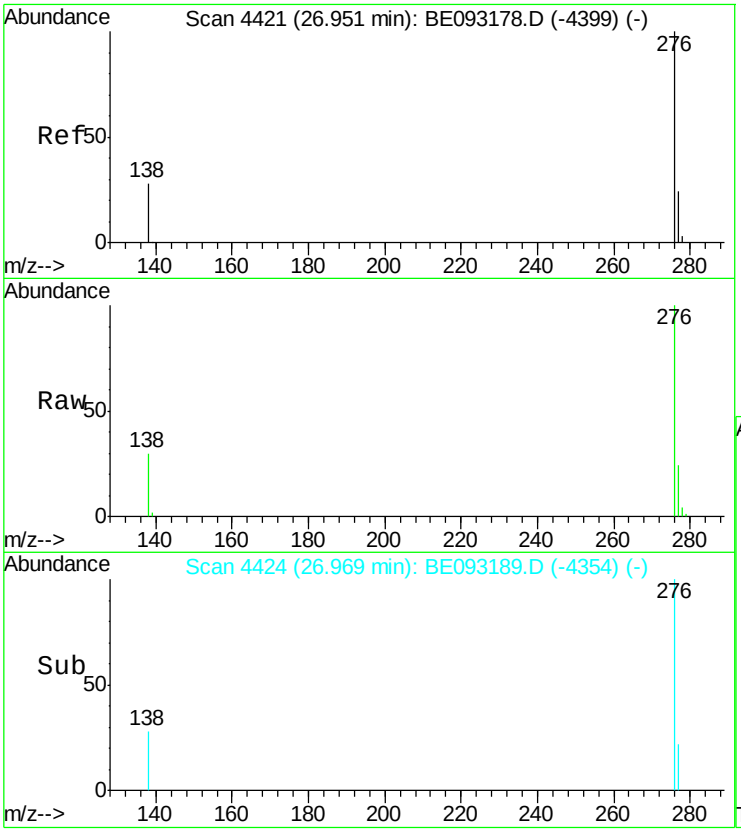


#25
Dibenzo(a,h)anthracene
Concen: 1.301 ng/ul m
RT: 26.21 min Scan# 4257
Delta R.T. 0.00 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:278 Resp: 82271

Ion	Ratio	Lower	Upper
278	100		
139	28.9	17.4	26.0#
279	27.7	25.9	38.9

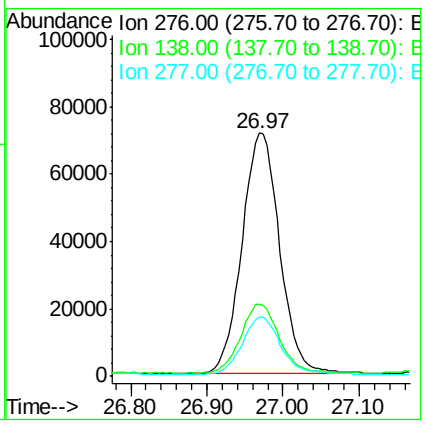




#26
Benzo(g,h,i)perylene
Concen: 3.817 ng/ul
RT: 26.97 min Scan# 4424
Delta R.T. 0.02 min
Lab File: BE093189.D
Acq: 15 Jun 2017 3:07

Tgt Ion:276 Resp: 245871

Ion	Ratio	Lower	Upper
276	100		
138	29.8	21.8	32.8
277	24.4	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
F5C36

Manual Integrations APPROVED
mohammad
6/15/2017 3:53:55 PM