Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE081717\
Data File : BE093862.D
Acq On : 17 Aug 2017 11:07
Operator : SJ/JU
Sample : I4672-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

Quant Time: Aug 17 19:12:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 19:06:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1803	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	9805	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5466	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	11994	0.40	ng/ul	0.00
16) Chrysene-d12	21.41	240	12902	0.40	ng/ul	0.00
20) Perylene-d12	23.92	264	13560	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	704	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	1809	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	7704	0.323	ng/ul#	94
5) 2-Methylnaphthalene	12.36	142	4842	0.278	ng/ul	98
7) Acenaphthylene	14.24	152	1466	0.064	ng/ul#	88
12) Phenanthrene	17.29	178	10381	0.318	ng/ul#	88
13) Anthracene	17.38	178	2151	0.068	ng/ul#	93
15) Fluoranthene	19.30	202	22462	0.550	ng/ul	84
17) Pyrene	19.66	202	24557	0.652	ng/ul#	83
18) Benzo(a)anthracene	21.39	228	15548	0.416	ng/ul#	86
19) Chrysene	21.45	228	17043	0.475	ng/ul	98
21) Benzo(b)fluoranthene	23.15	252	24184m	0.577	ng/ul	
22) Benzo(k)fluoranthene	23.19	252	8505m	0.206	ng/ul	
23) Benzo(a)pyrene	23.80	252	16924	0.424	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	26.56	276	11373	0.258	ng/ul#	78
25) Dibenzo(a,h)anthracene	26.58	278	2712	0.074	ng/ul#	76
26) Benzo(g,h,i)perylene	27.38	276	9796	0.264	ng/ul	97

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

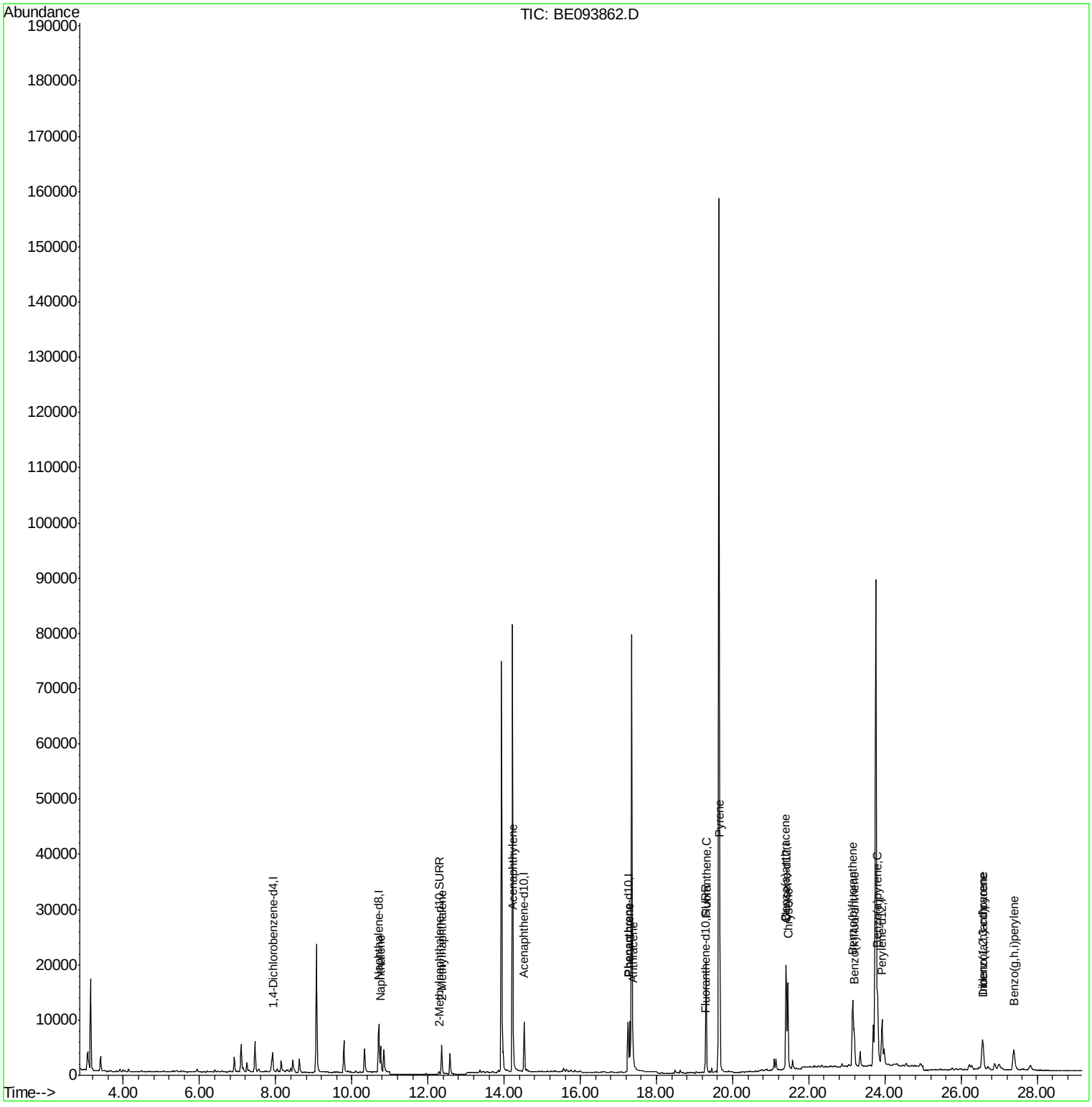
Quantitation Report (QT Reviewed)

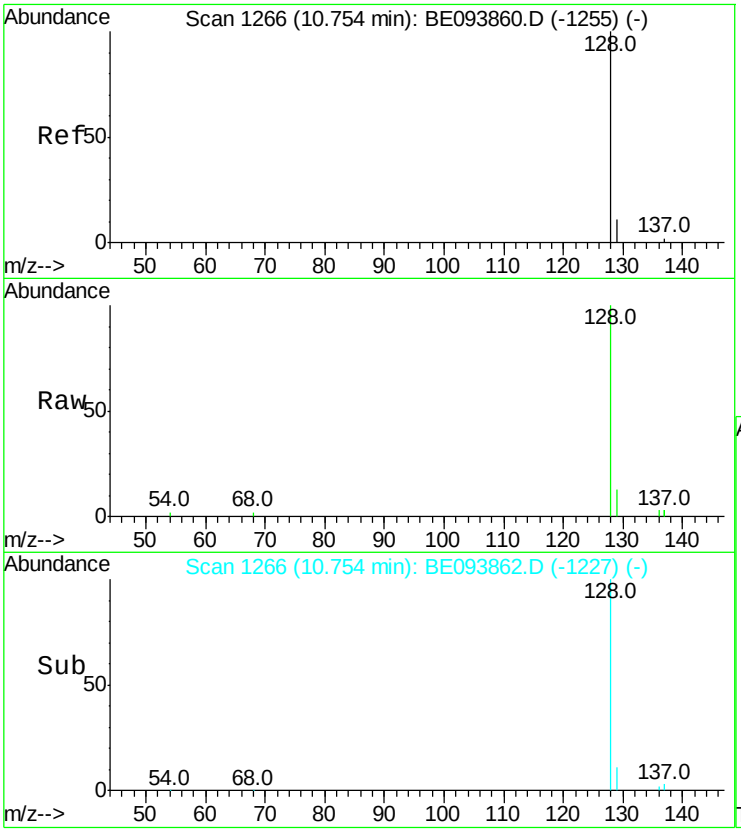
Data Path : Z:\HPCHEM1\BNA E\DATA\BE081717\
Data File : BE093862.D
Acq On : 17 Aug 2017 11:07
Operator : SJ/JU
Sample : I4672-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 17 19:12:05 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE072417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 17 19:06:13 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

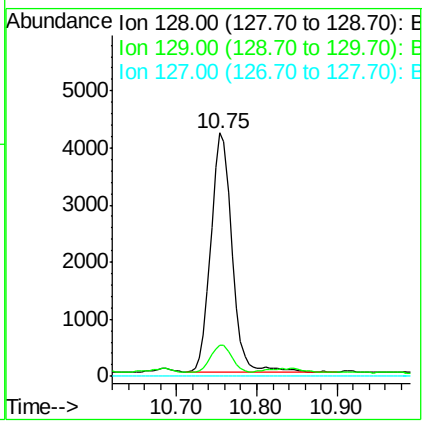




#3
Naphthalene
Concen: 0.323 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

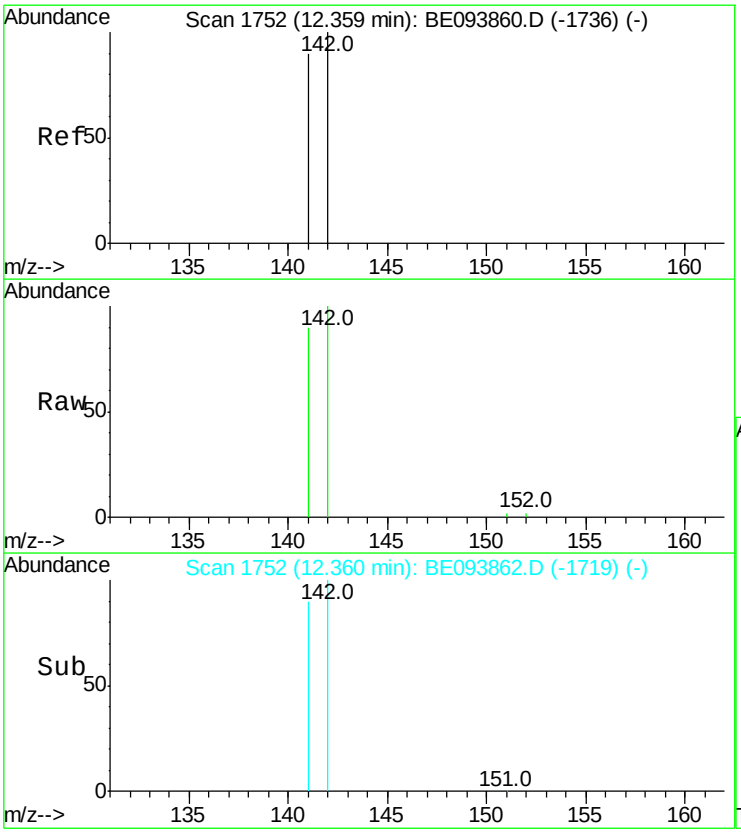
Tgt Ion:128 Resp: 7704

Ion	Ratio	Lower	Upper
128	100		
129	12.9	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :

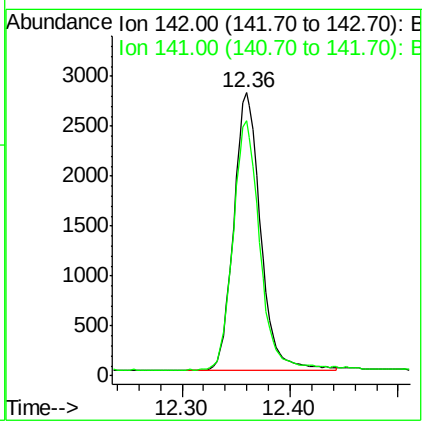
Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

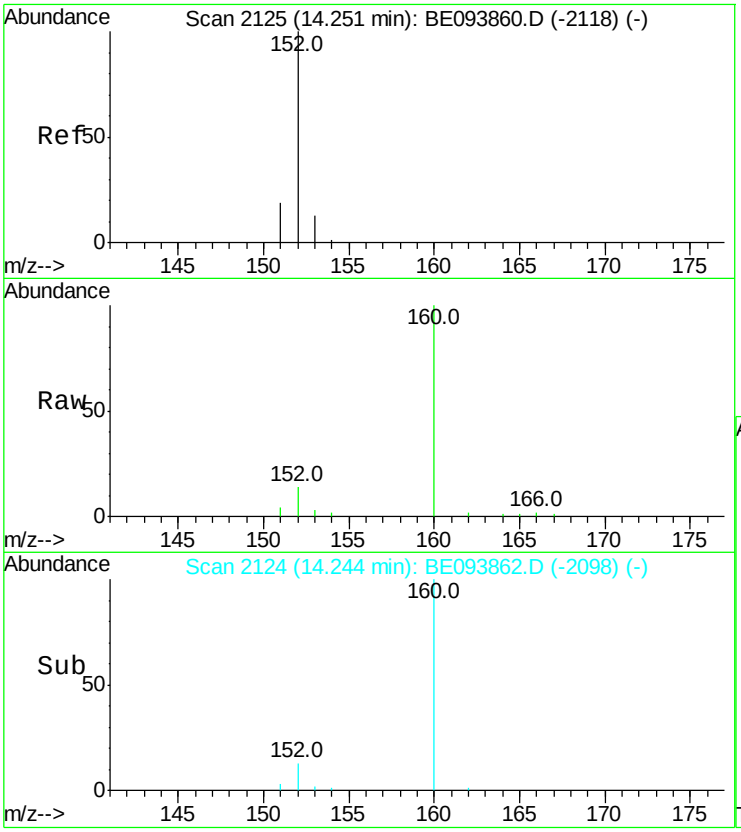


#5
2-Methylnaphthalene
Concen: 0.278 ng/ul
RT: 12.36 min Scan# 1752
Delta R.T. 0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:142 Resp: 4842

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.6	108.8





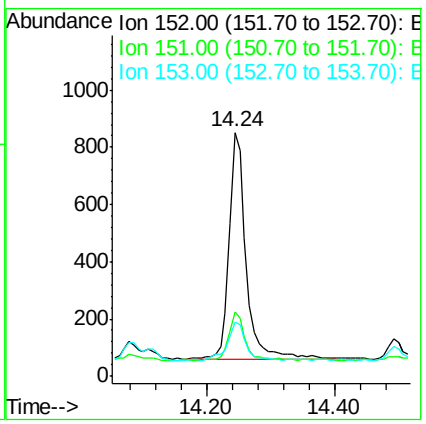
#7
Acenaphthylene
Concen: 0.064 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. -0.01 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

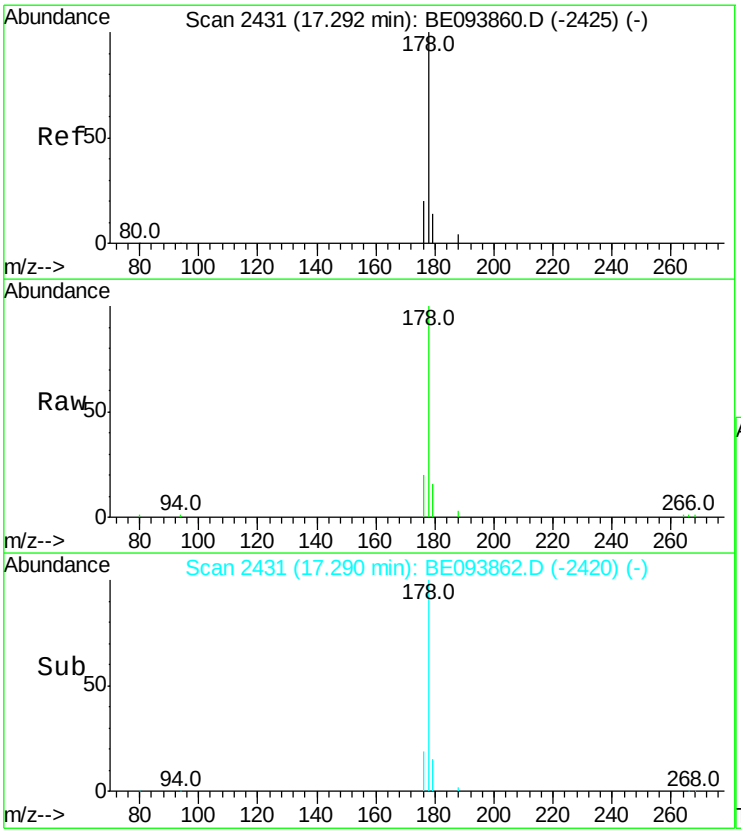
Tgt Ion:152 Resp: 1466

Ion	Ratio	Lower	Upper
152	100		
151	26.3	17.1	25.7#
153	22.2	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

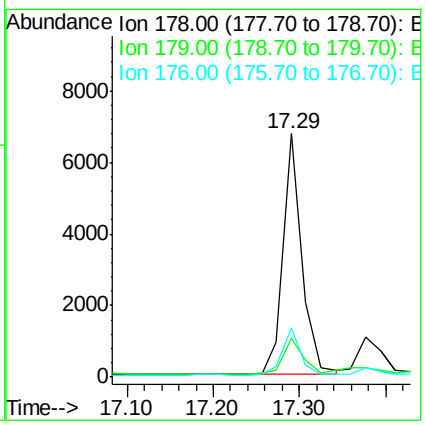


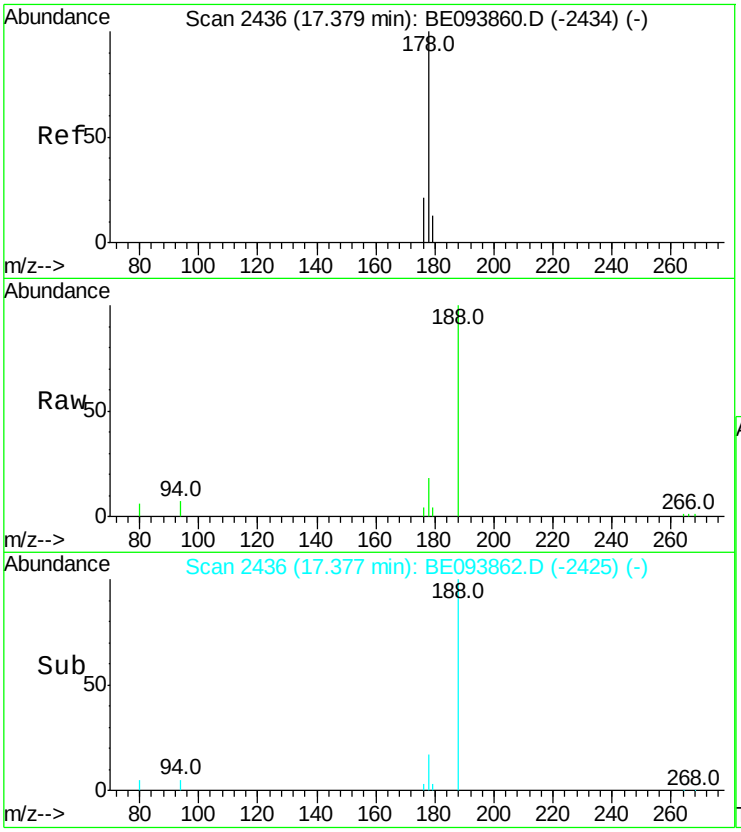


#12
Phenanthrene
Concen: 0.318 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:178 Resp: 10381

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	20.0	13.6	20.4

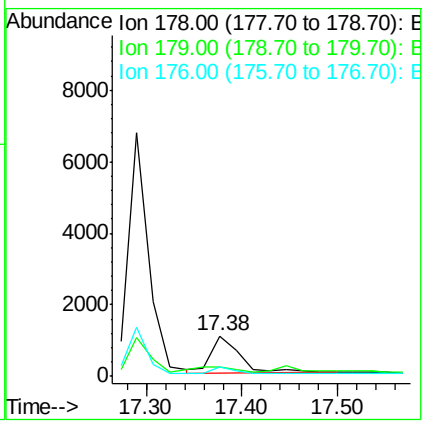




#13
Anthracene
Concen: 0.068 ng/ul
RT: 17.38 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

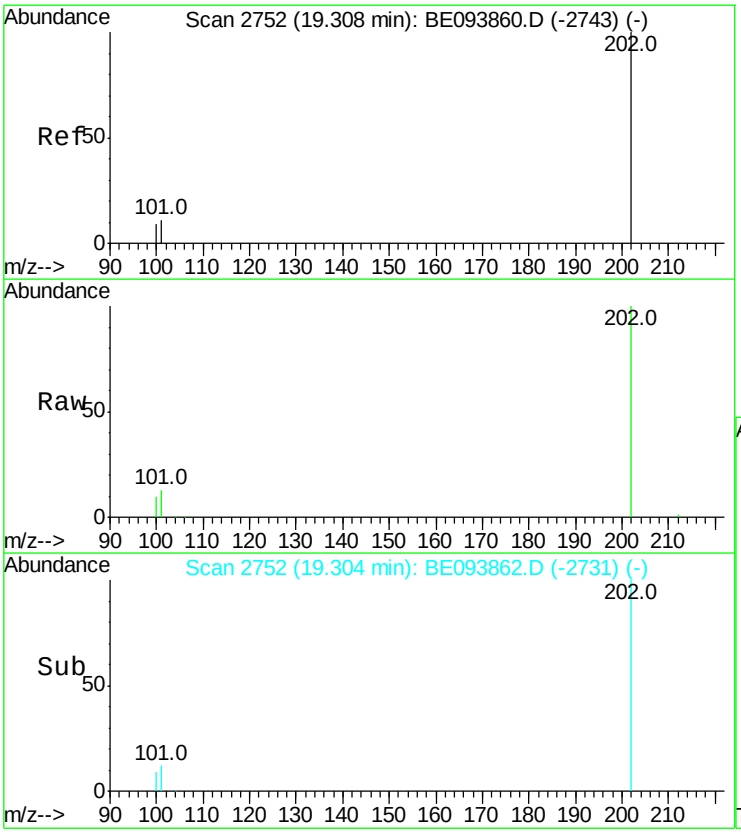
Tgt Ion:178 Resp: 2151

Ion	Ratio	Lower	Upper
178	100		
179	21.9	18.1	27.1
176	24.1	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :

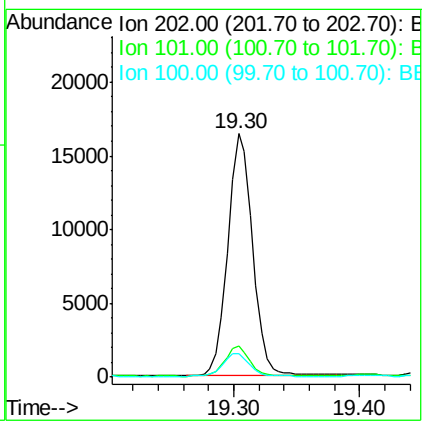
Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

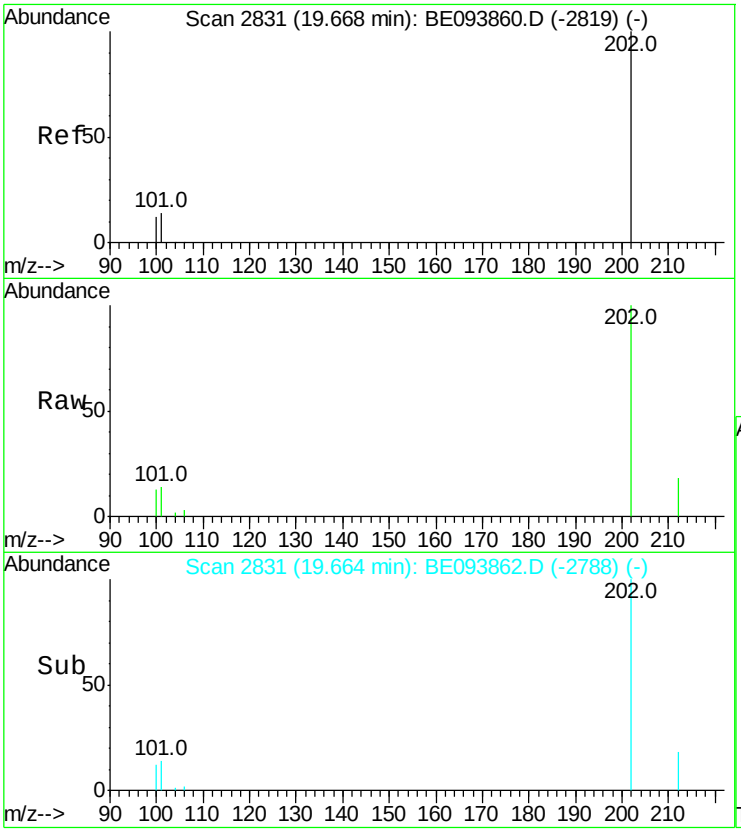


#15
Fluoranthene
Concen: 0.550 ng/ul
RT: 19.30 min Scan# 2752
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:202 Resp: 22462

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	30.3
100	9.7	0.0	39.5





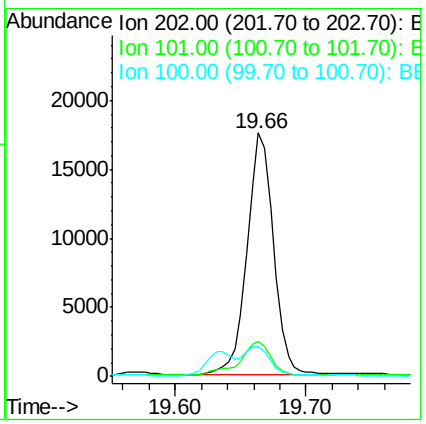
#17
Pyrene
Concen: 0.652 ng/ul
RT: 19.66 min Scan# 2831
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

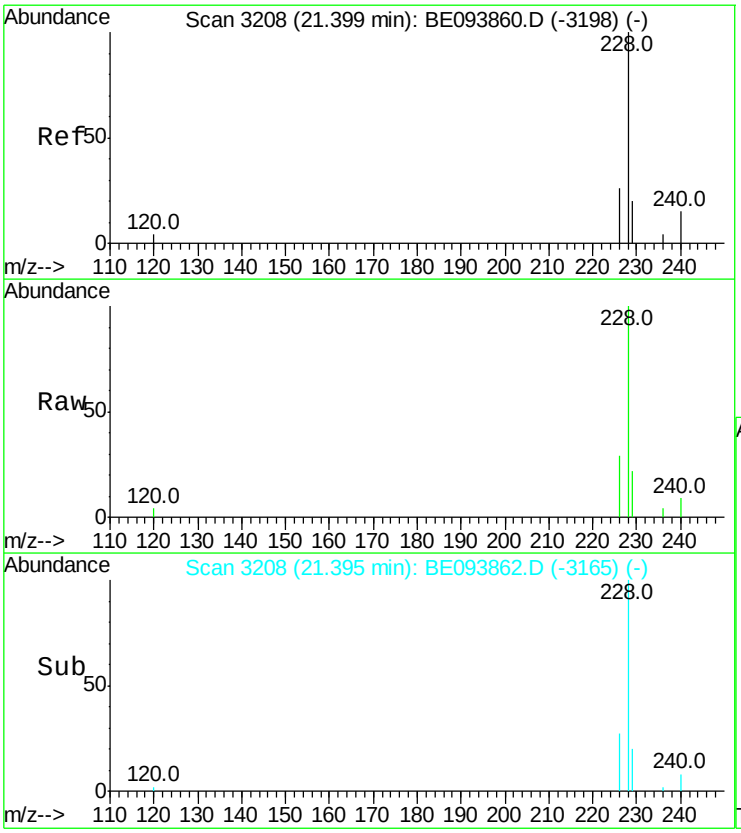
Tgt Ion:202 Resp: 24557

Ion	Ratio	Lower	Upper
202	100		
101	14.2	18.2	27.4#
100	12.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

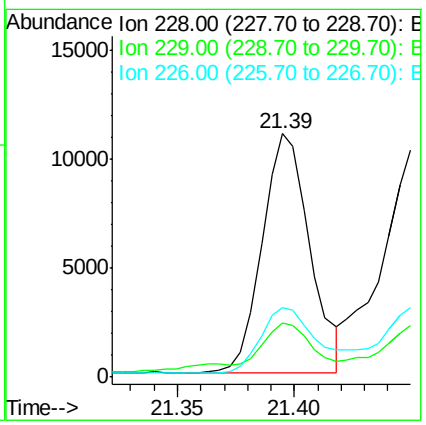


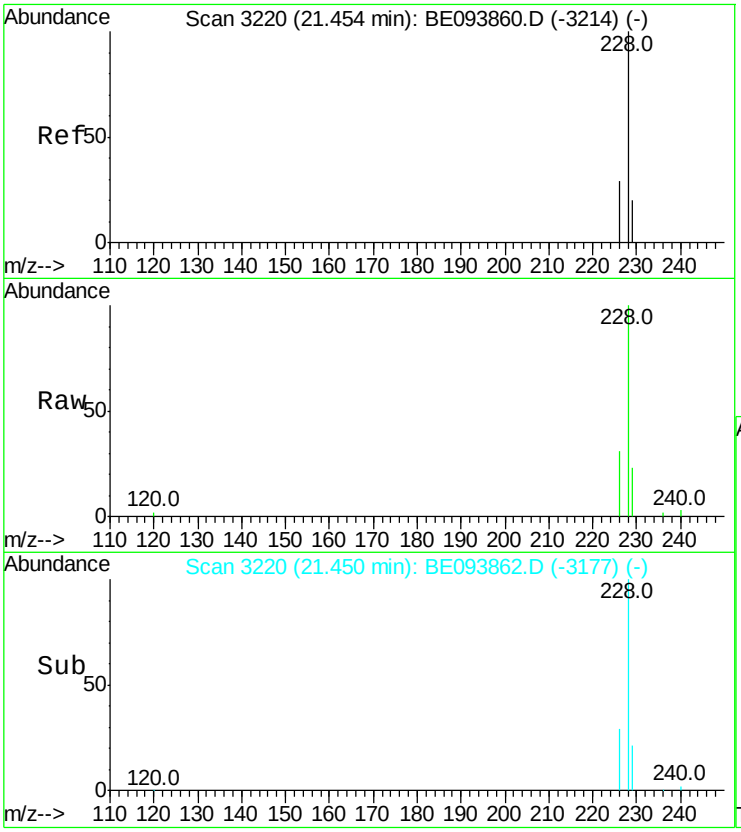


#18
Benzo(a)anthracene
Concen: 0.416 ng/ul
RT: 21.39 min Scan# 3208
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:228 Resp: 15548

Ion	Ratio	Lower	Upper
228	100		
229	22.1	22.8	34.2#
226	28.8	17.0	25.6#

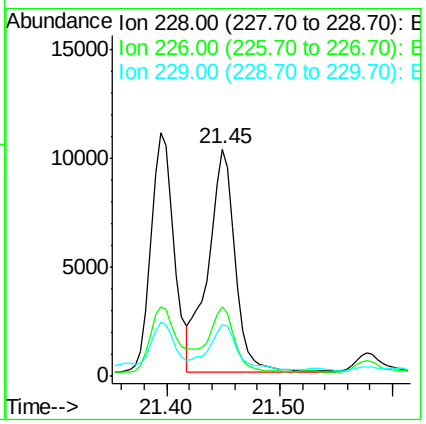




#19
Chrysene
Concen: 0.475 ng/ul
RT: 21.45 min Scan# 3220
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

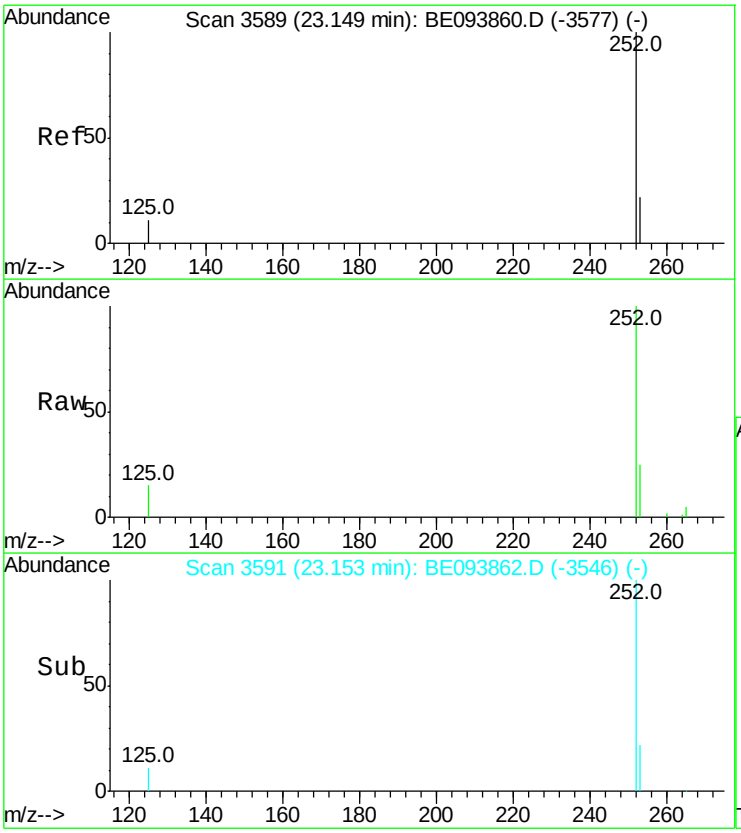
Tgt Ion:228 Resp: 17043

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	23.0	17.7	26.5



Instrument :
BNA_E
ClientSampleId :

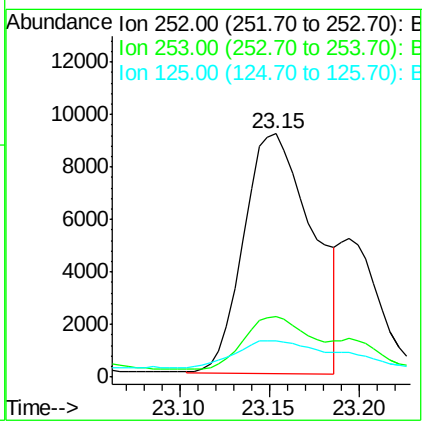
Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

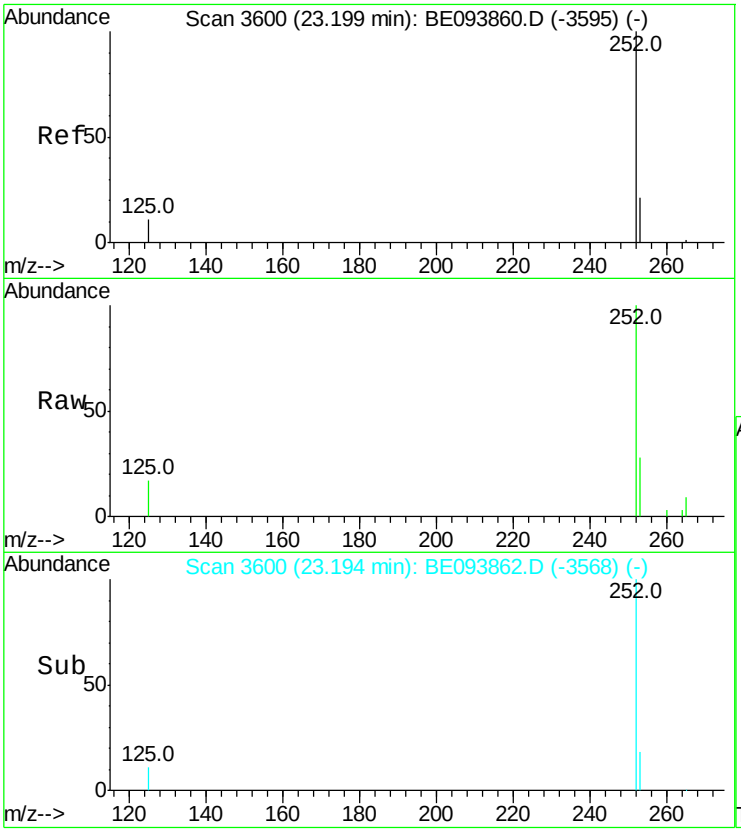


#21
Benzo(b)fluoranthene
Concen: 0.577 ng/ul m
RT: 23.15 min Scan# 3591
Delta R.T. 0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:252 Resp: 24184

Ion	Ratio	Lower	Upper
252	100		
253	24.6	0.0	64.2
125	15.1	0.0	35.0

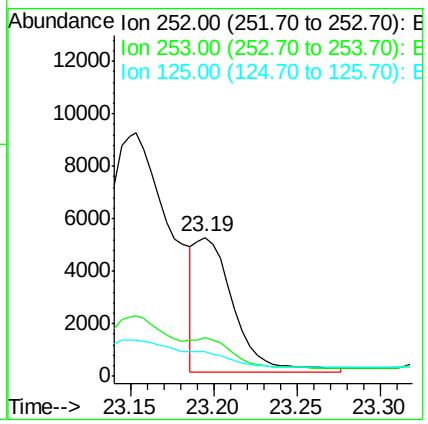




#22
Benzo(k)fluoranthene
Concen: 0.206 ng/ul m
RT: 23.19 min Scan# 3600
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

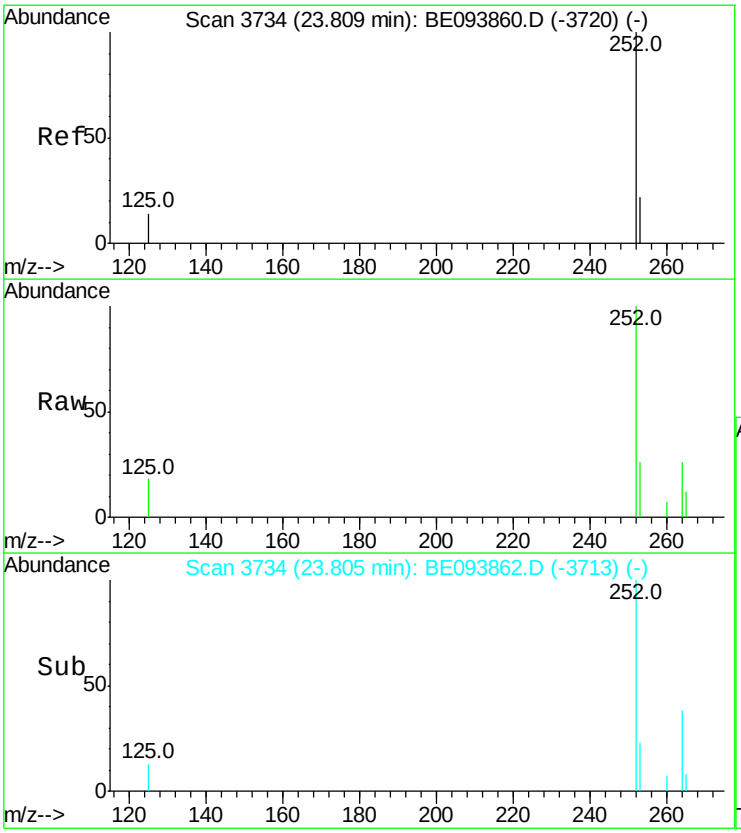
Tgt Ion:252 Resp: 8505

Ion	Ratio	Lower	Upper
252	100		
253	27.6	24.5	36.7
125	17.3	13.7	20.5



Instrument :
BNA_E
ClientSampleId :

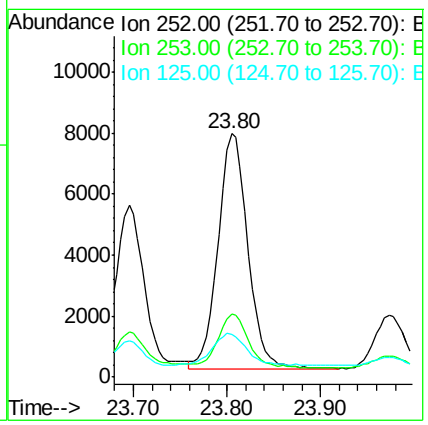
Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

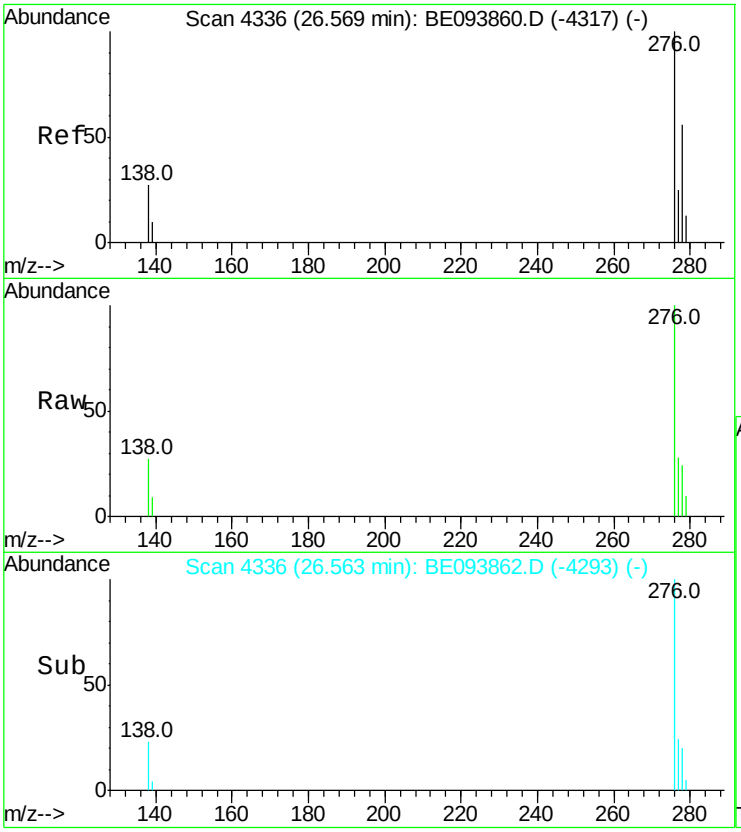


#23
Benzo(a)pyrene
Concen: 0.424 ng/ul
RT: 23.80 min Scan# 3734
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:252 Resp: 16924

Ion	Ratio	Lower	Upper
252	100		
253	25.8	28.5	42.7#
125	17.5	18.1	27.1#





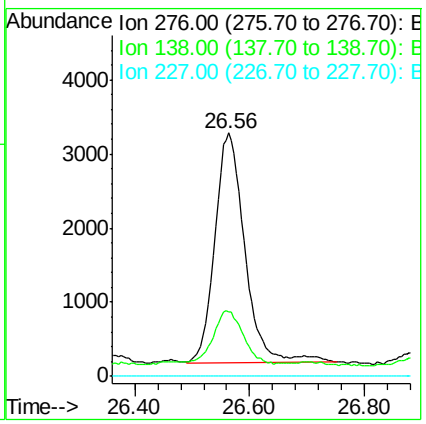
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.258 ng/ul
RT: 26.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

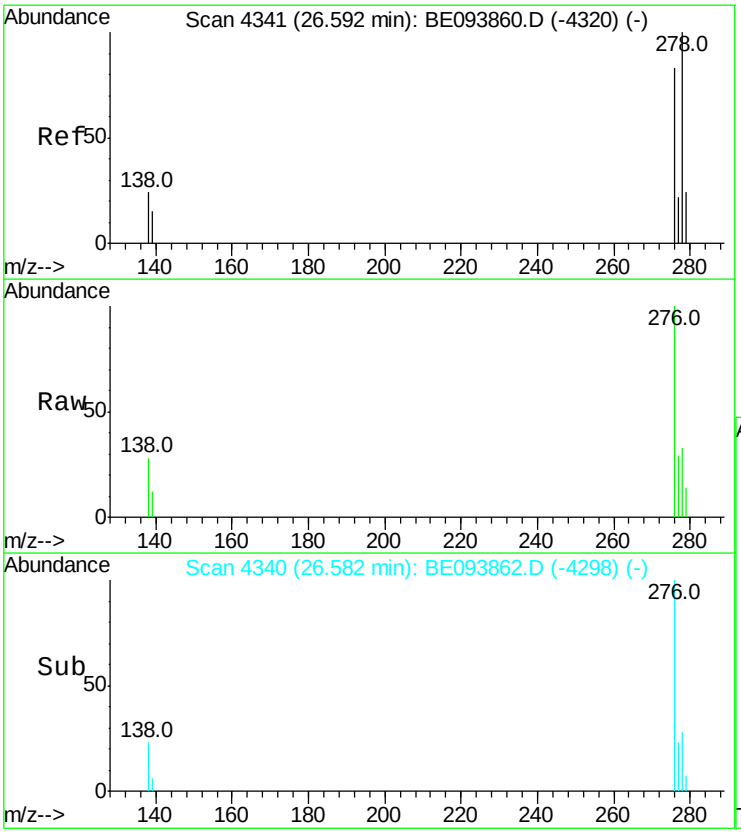
Tgt Ion:276 Resp: 11373

Ion	Ratio	Lower	Upper
276	100		
138	22.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM

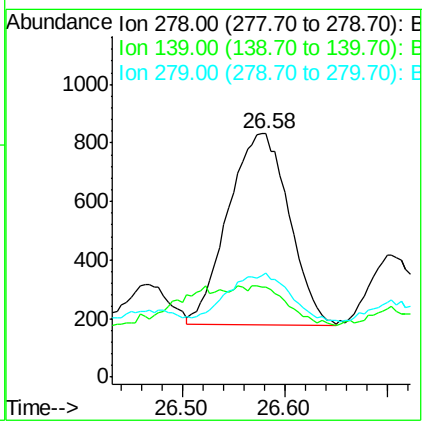


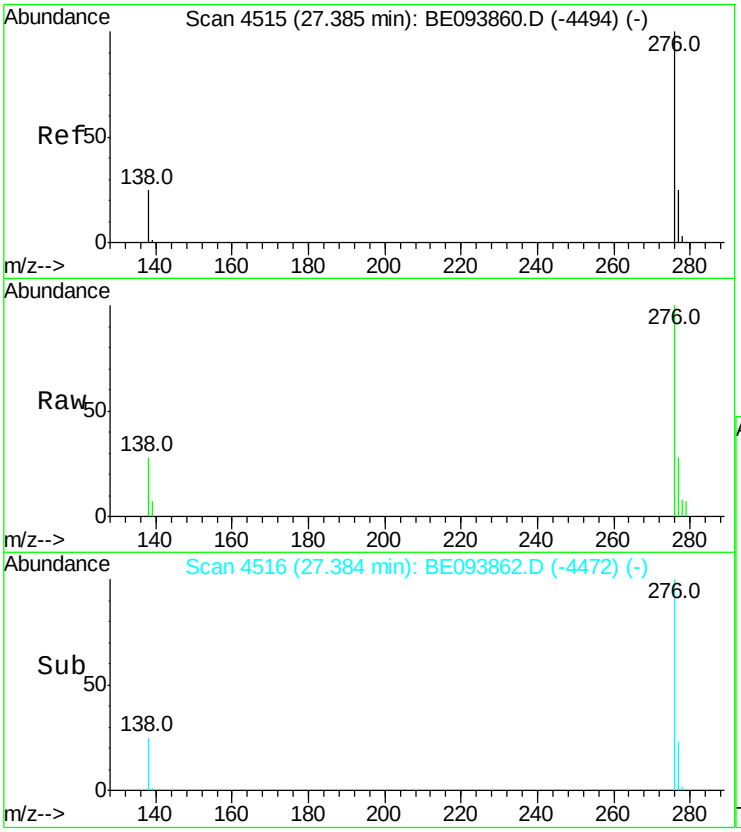


#25
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 26.58 min Scan# 4340
Delta R.T. -0.01 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:278 Resp: 2712

Ion	Ratio	Lower	Upper
278	100		
139	37.0	17.4	26.0#
279	42.9	25.9	38.9#

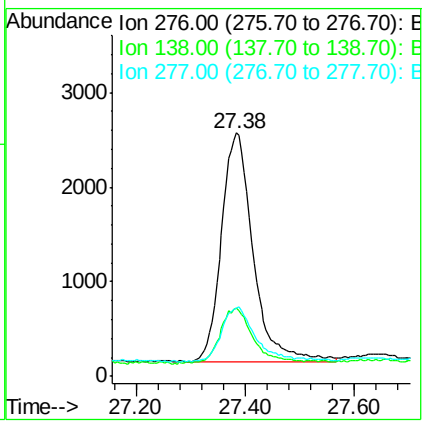




#26
Benzo(g,h,i)perylene
Concen: 0.264 ng/ul
RT: 27.38 min Scan# 4516
Delta R.T. -0.00 min
Lab File: BE093862.D
Acq: 17 Aug 2017 11:07

Tgt Ion:276 Resp: 9796

Ion	Ratio	Lower	Upper
276	100		
138	28.2	21.8	32.8
277	28.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :

Manual Integrations APPROVED
Sohil
8/18/2017 7:08:30 PM