Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097459.D
Acq On : 12 Sep 2018 20:15
Operator : SJ/JU
Sample : J4792-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 02:29:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	899	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	4989	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3569	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	9178m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	10343m	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	9986m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.71	152	1686	0.22	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	6372m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	432	0.036	ng/ul#	75
7) Acenaphthylene	13.72	152	442	0.034	ng/ul#	69
8) Acenaphthene	14.07	153	479	0.043	ng/ul#	93
9) Fluorene	15.06	166	532	0.042	ng/ul#	88
12) Phenanthrene	16.80	178	11527m	0.488	ng/ul	
13) Anthracene	16.89	178	2485m	0.125	ng/ul	
15) Fluoranthene	18.83	202	23170m	0.763	ng/ul	
17) Pyrene	19.20	202	22998	0.826	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	11905m	0.448	ng/ul	
19) Chrysene	21.00	228	11265	0.368	ng/ul	94
21) Benzo(b)fluoranthene	22.53	252	14639m	0.547	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	3922m	0.132	ng/ul	
23) Benzo(a)pyrene	23.10	252	10074m	0.407	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	6583m	0.205	ng/ul	
25) Dibenzo(a,h)anthracene	25.50	278	1654m	0.061	ng/ul	
26) Benzo(g,h,i)perylene	26.19	276	5496m	0.201	ng/ul	

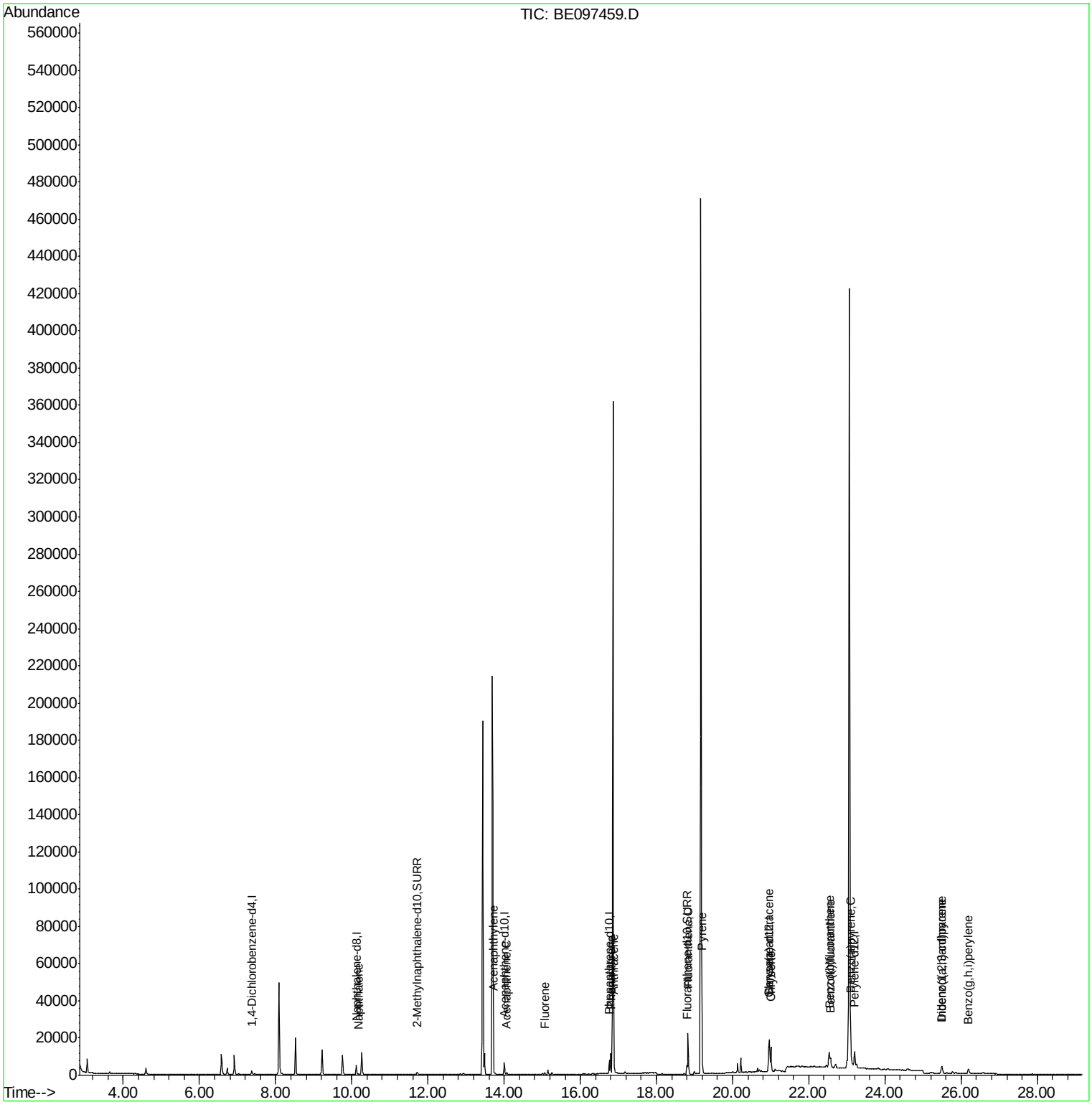
(#) = qualifier out of range (m) = manual integration (+) = signals summed

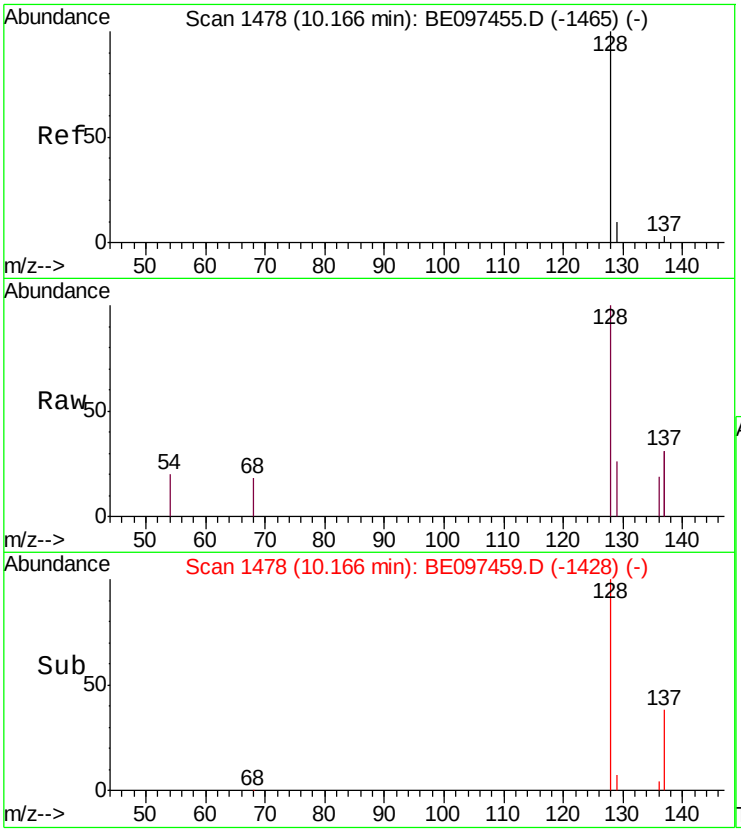
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097459.D
Acq On : 12 Sep 2018 20:15
Operator : SJ/JU
Sample : J4792-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 13 02:29:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM





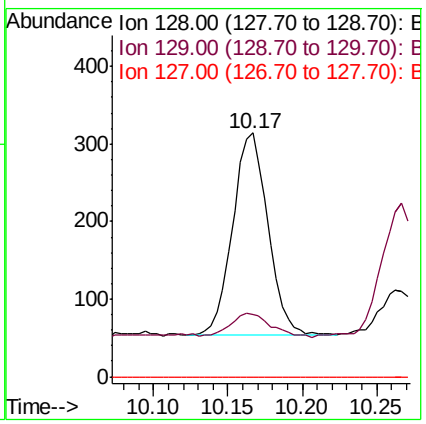
#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

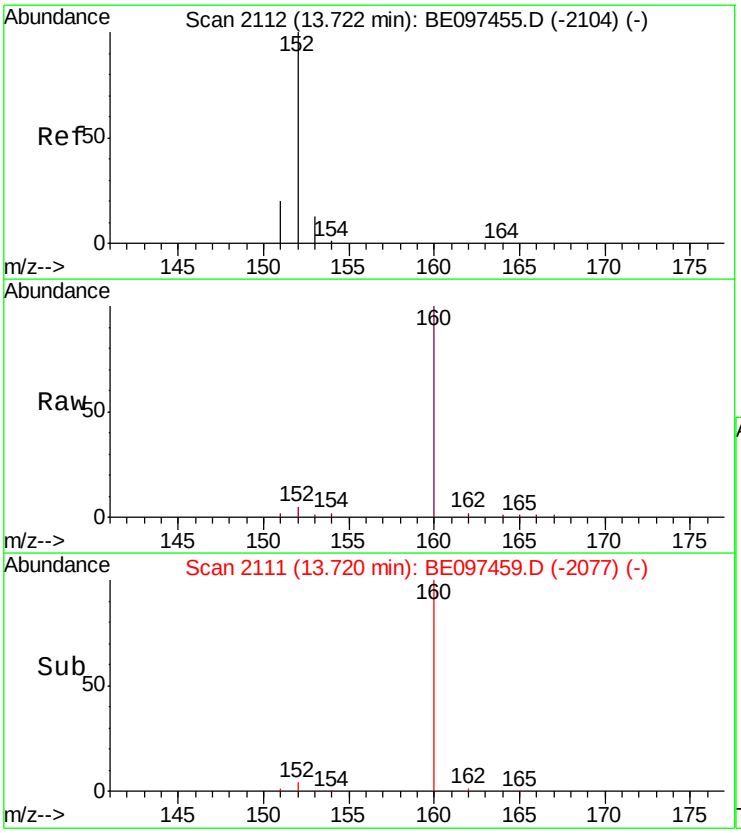
Tgt Ion:128 Resp: 432

Ion	Ratio	Lower	Upper
128	100		
129	25.8	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

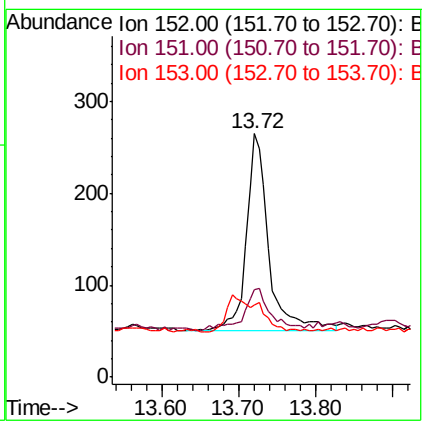


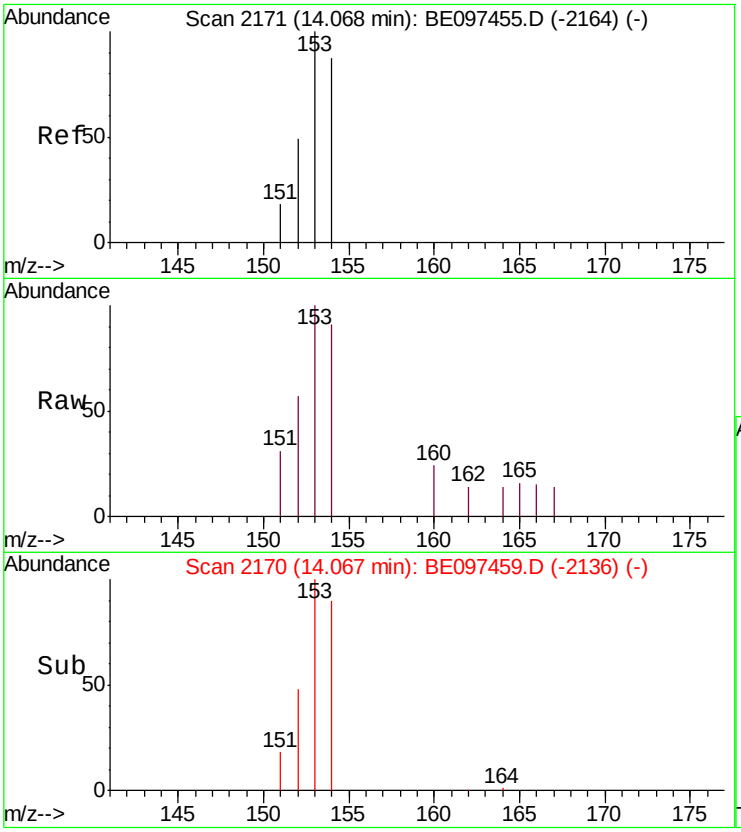


#7
Acenaphthylene
Concen: 0.034 ng/ul
RT: 13.72 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:152 Resp: 442

Ion	Ratio	Lower	Upper
152	100		
151	35.8	17.1	25.7#
153	29.4	12.8	19.2#





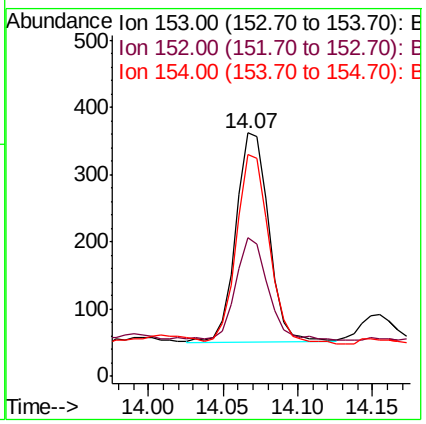
#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

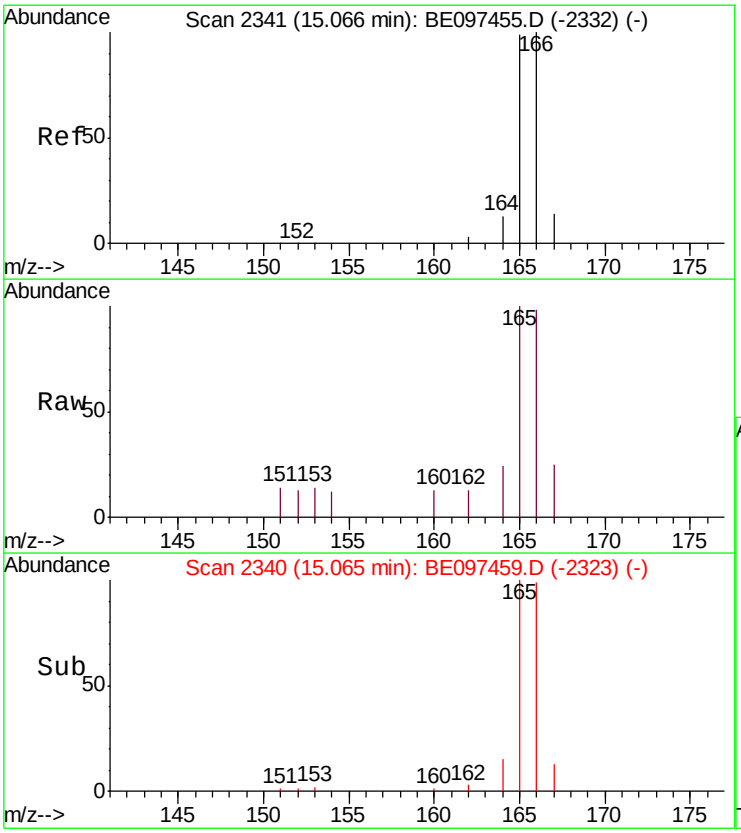
Tgt Ion:153 Resp: 479

Ion	Ratio	Lower	Upper
153	100		
152	56.9	36.0	54.0#
154	90.9	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

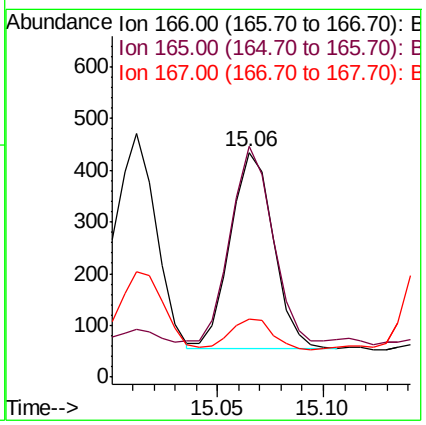


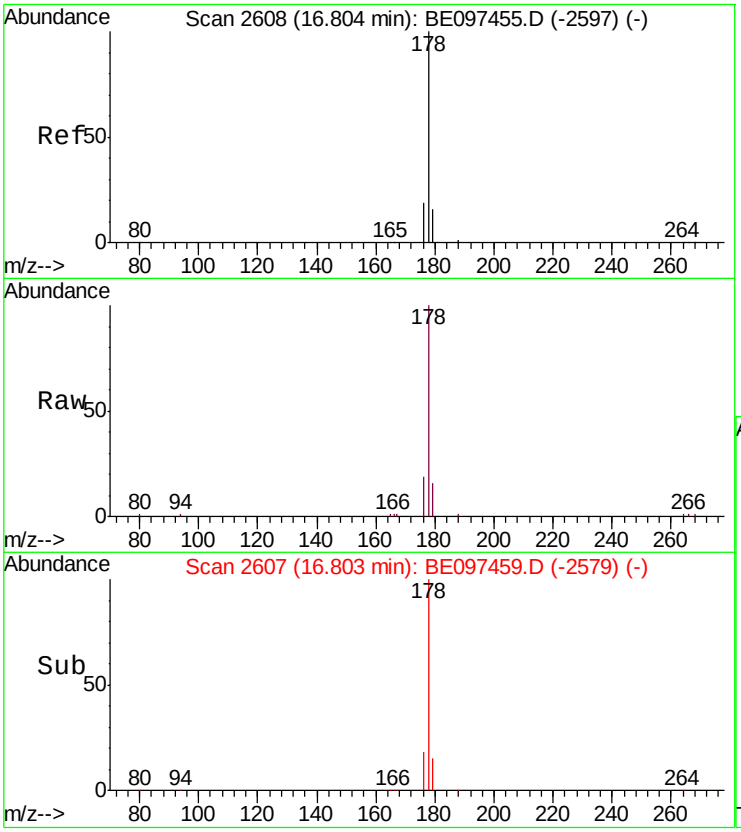


#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.06 min Scan# 2340
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:166 Resp: 532

Ion	Ratio	Lower	Upper
166	100		
165	102.5	73.4	110.2
167	25.7	14.6	22.0#





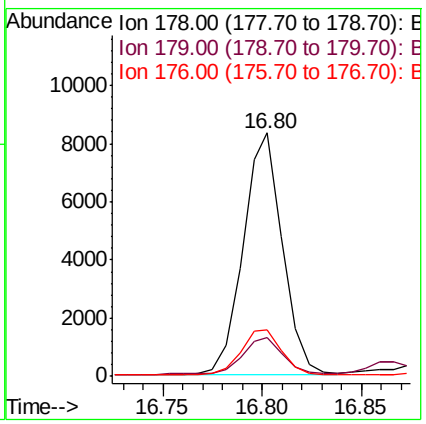
#12
Phenanthrene
Concen: 0.488 ng/ul m
RT: 16.80 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

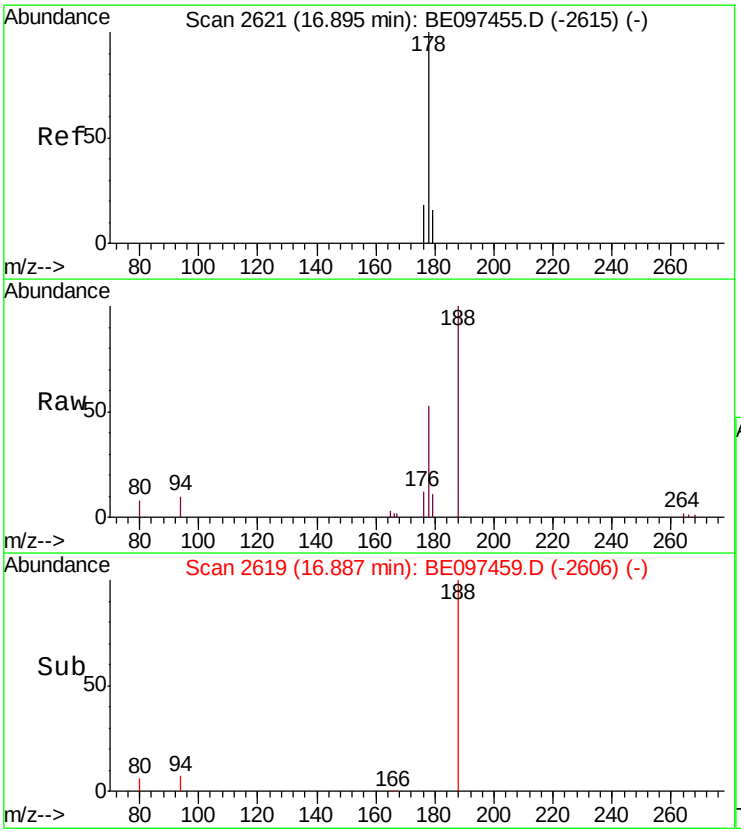
Tgt Ion:178 Resp: 11527

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	19.0	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

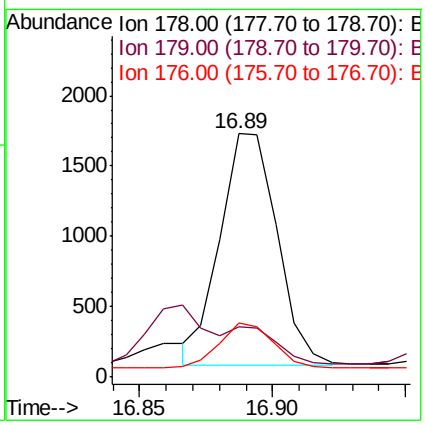


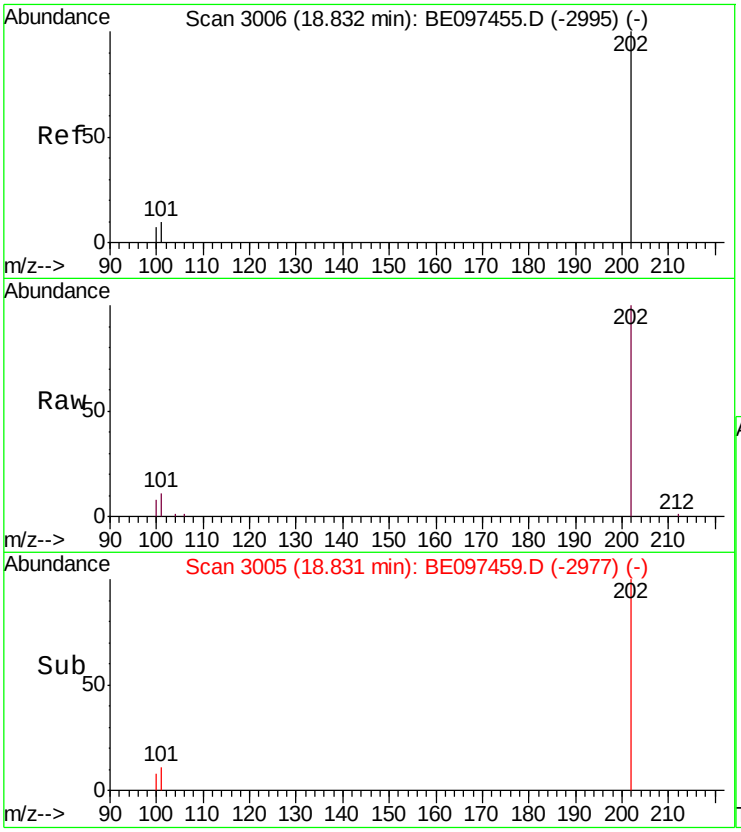


#13
Anthracene
Concen: 0.125 ng/ul m
RT: 16.89 min Scan# 2619
Delta R.T. -0.01 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:178 Resp: 2485

Ion	Ratio	Lower	Upper
178	100		
179	20.7	18.1	27.1
176	22.2	14.7	22.1#





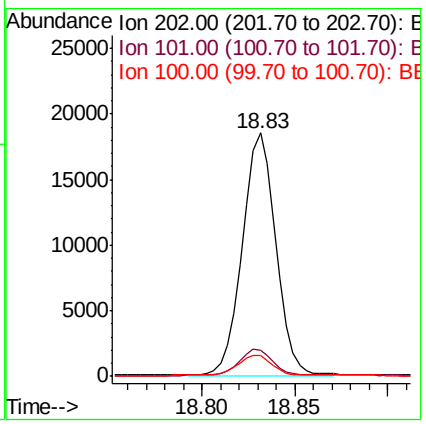
#15
Fluoranthene
Concen: 0.763 ng/ul m
RT: 18.83 min Scan# 3005
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

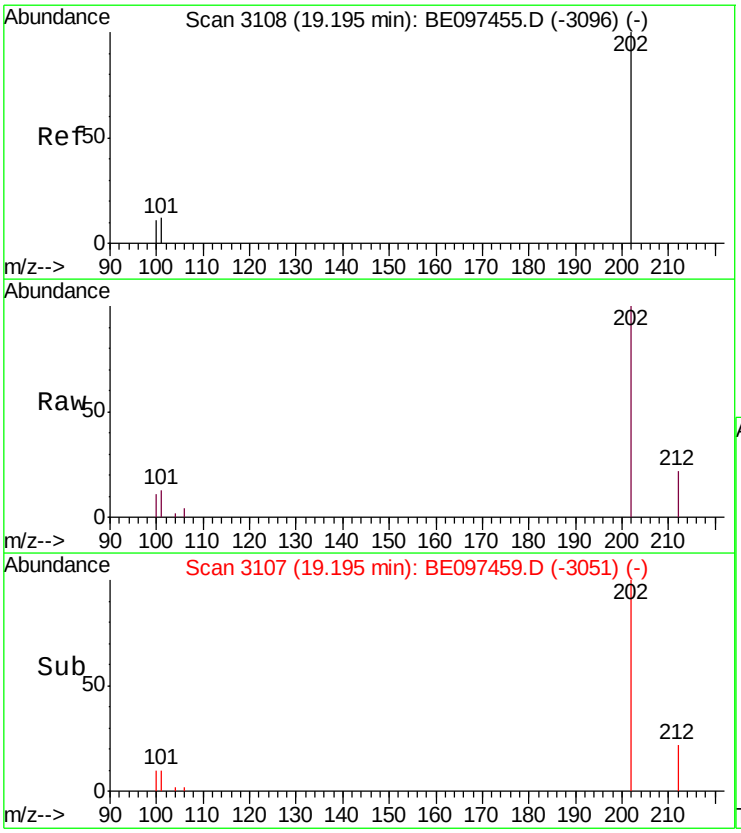
Tgt Ion:202 Resp: 23170

Ion	Ratio	Lower	Upper
202	100		
101	10.9	0.0	30.3
100	8.4	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

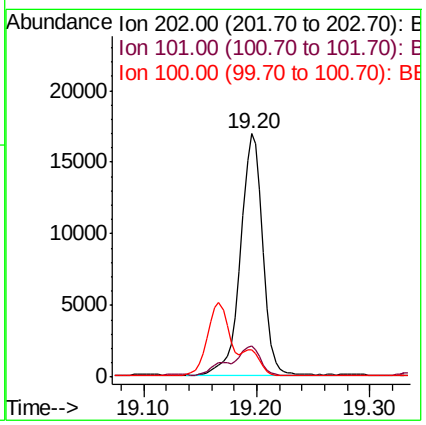


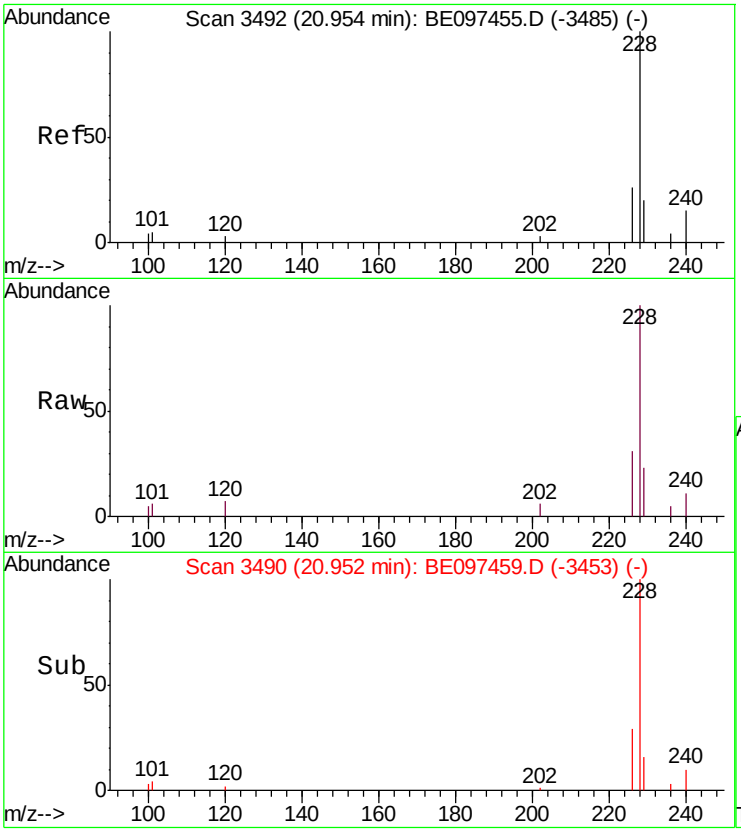


#17
Pyrene
Concen: 0.826 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:202 Resp: 22998

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	11.2	15.6	23.4#

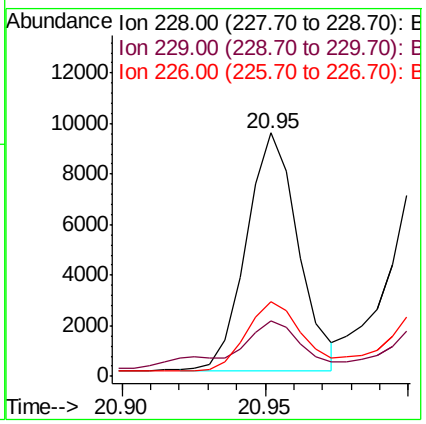




#18
Benzo(a)anthracene
Concen: 0.448 ng/ul m
RT: 20.95 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

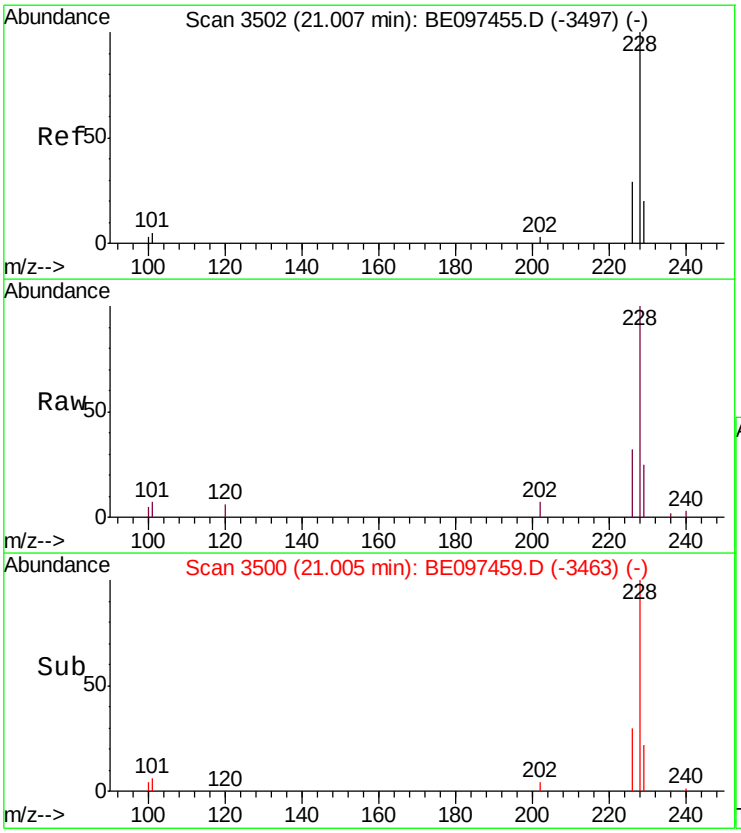
Tgt Ion:228 Resp: 11905

Ion	Ratio	Lower	Upper
228	100		
229	22.6	22.8	34.2#
226	30.7	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
A3Z35

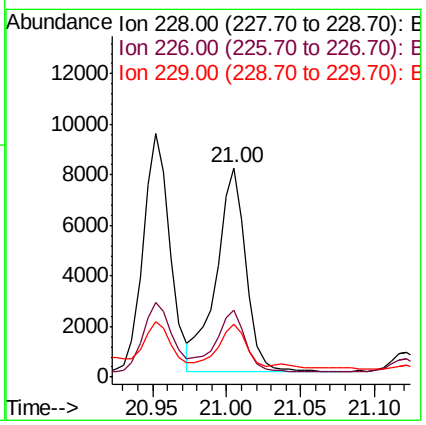
Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

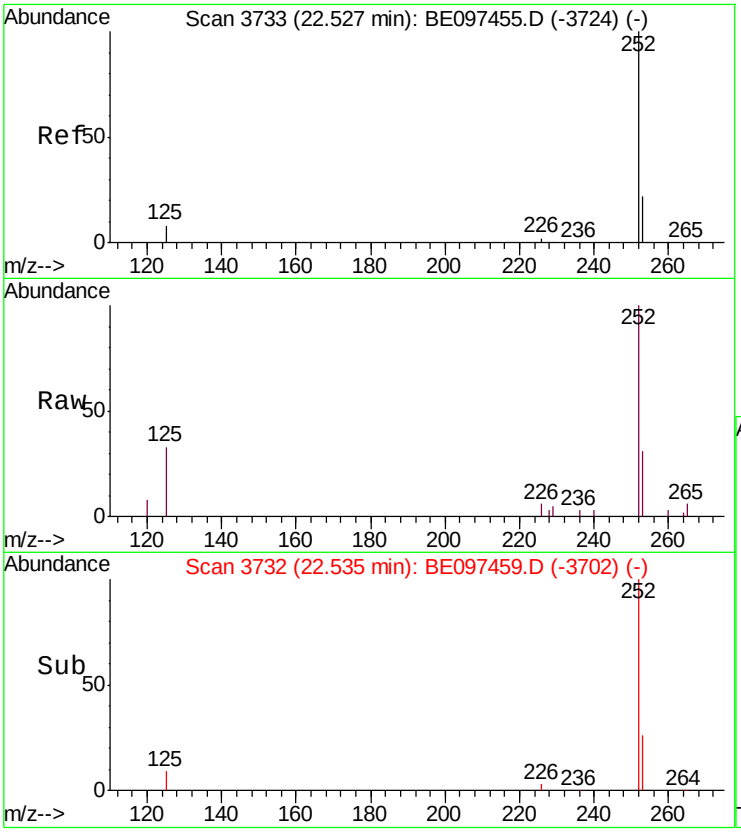


#19
Chrysene
Concen: 0.368 ng/ul
RT: 21.00 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:228 Resp: 11265

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	25.3	17.7	26.5

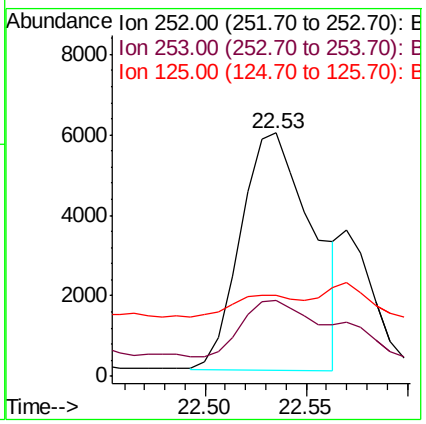




#21
Benzo(b)fluoranthene
Concen: 0.547 ng/ul m
RT: 22.53 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

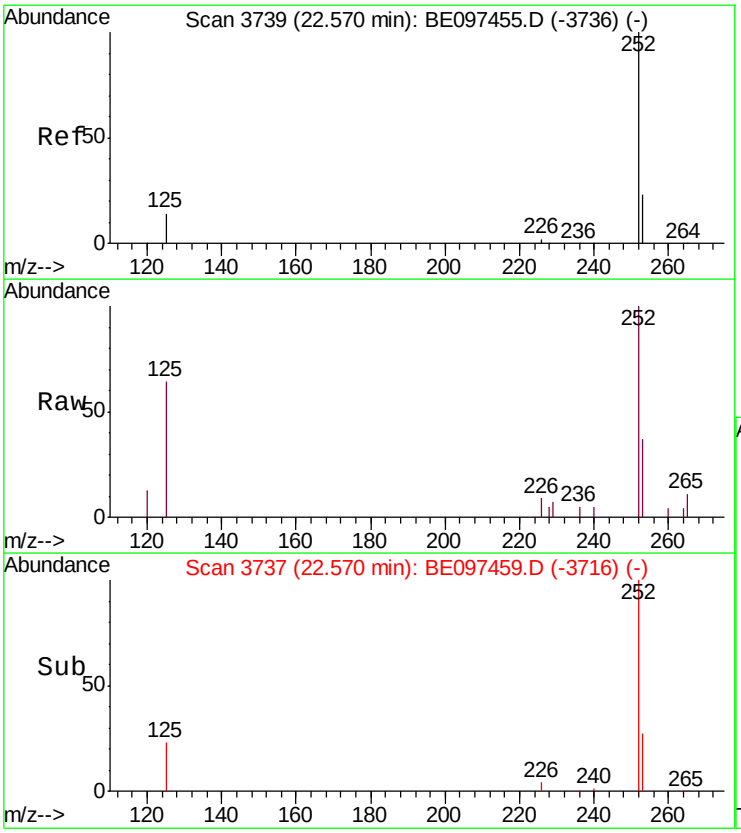
Tgt Ion:252 Resp: 14639

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	64.2
125	33.1	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
A3Z35

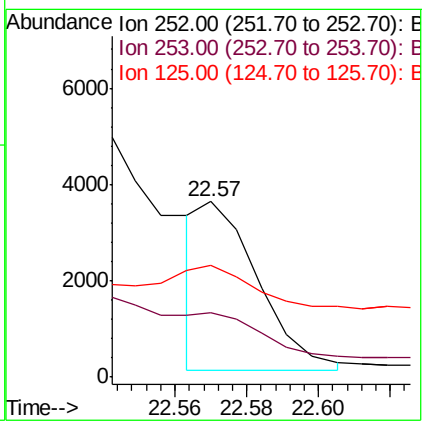
Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

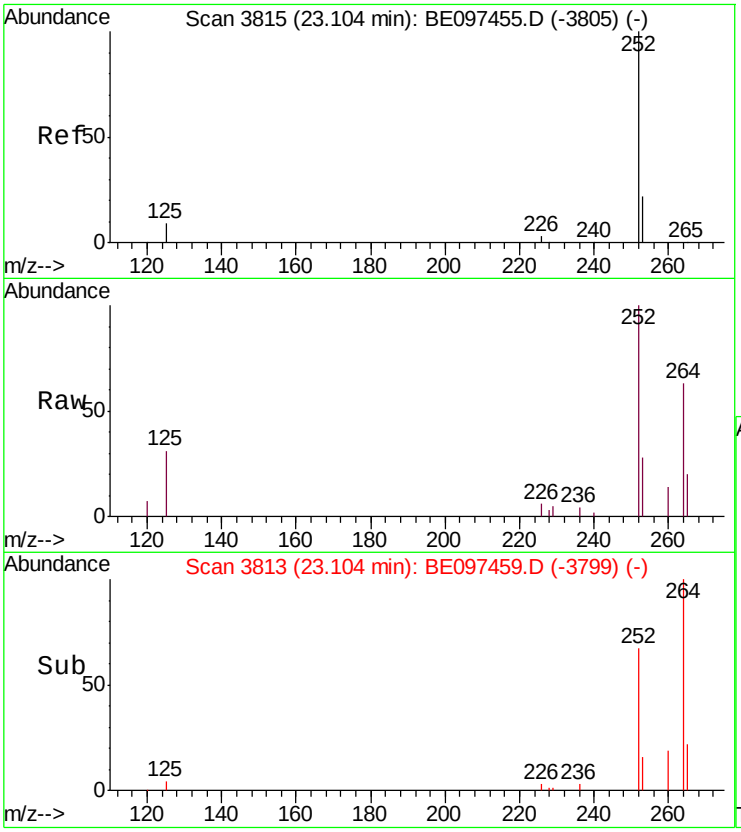


#22
Benzo(k)fluoranthene
Concen: 0.132 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:252 Resp: 3922

Ion	Ratio	Lower	Upper
252	100		
253	36.7	24.5	36.7
125	63.7	13.7	20.5#





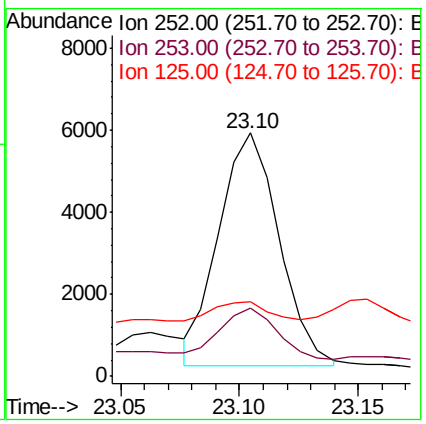
#23
Benzo(a)pyrene
Concen: 0.407 ng/ul m
RT: 23.10 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

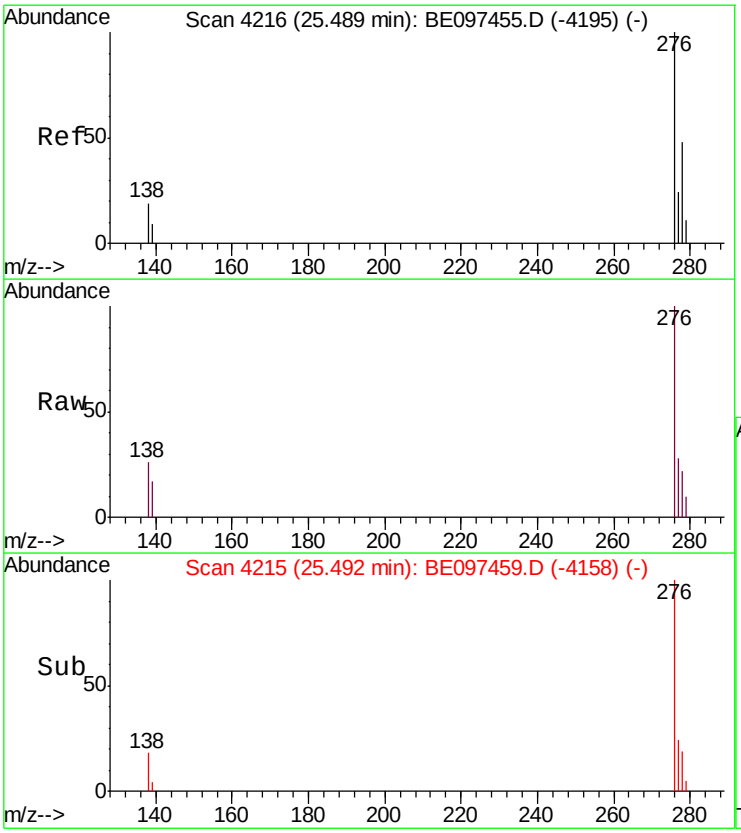
Tgt Ion:252 Resp: 10074

Ion	Ratio	Lower	Upper
252	100		
253	28.1	28.5	42.7#
125	30.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM

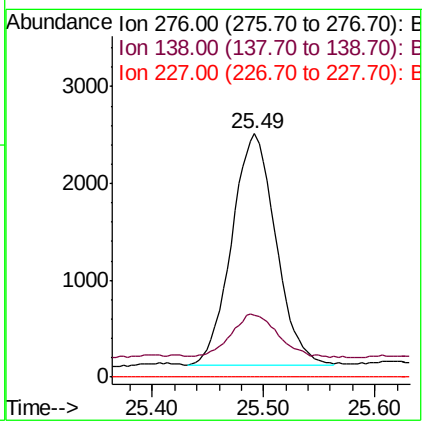


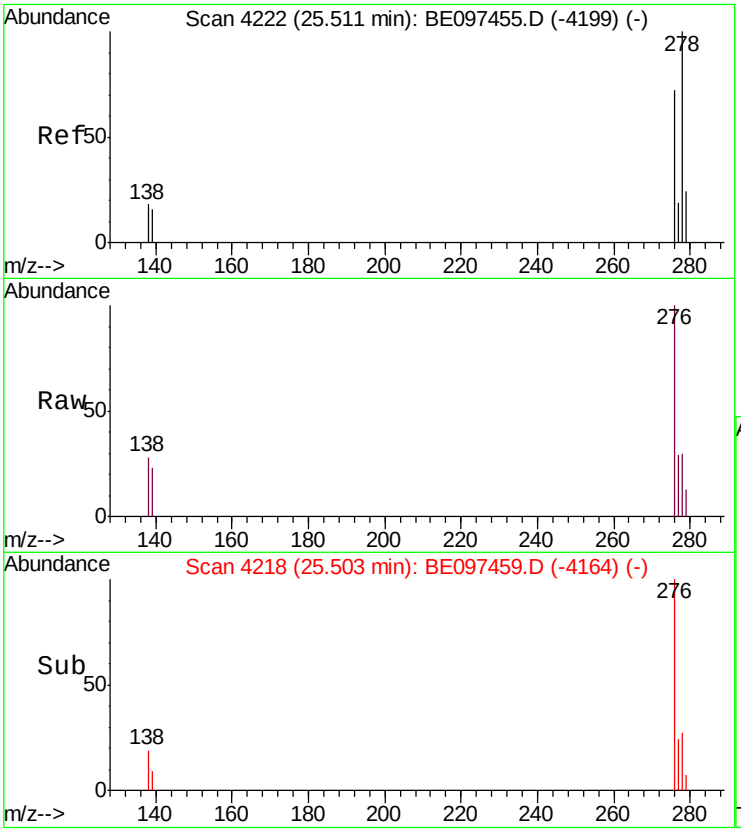


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.205 ng/ul m
RT: 25.49 min Scan# 4215
Delta R.T. 0.00 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:276 Resp: 6583

Ion	Ratio	Lower	Upper
276	100		
138	1.2	28.0	42.0#
227	0.0	8.0	12.0#





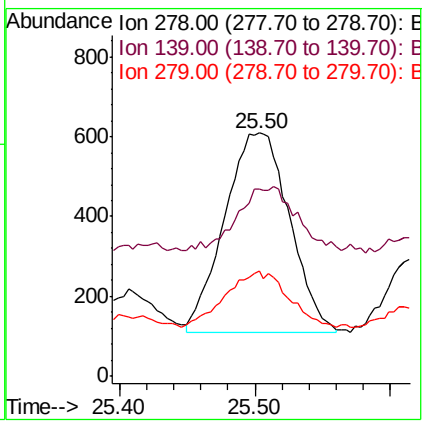
#25
Dibenzo(a,h)anthracene
Concen: 0.061 ng/ul m
RT: 25.50 min Scan# 4218
Delta R.T. -0.01 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

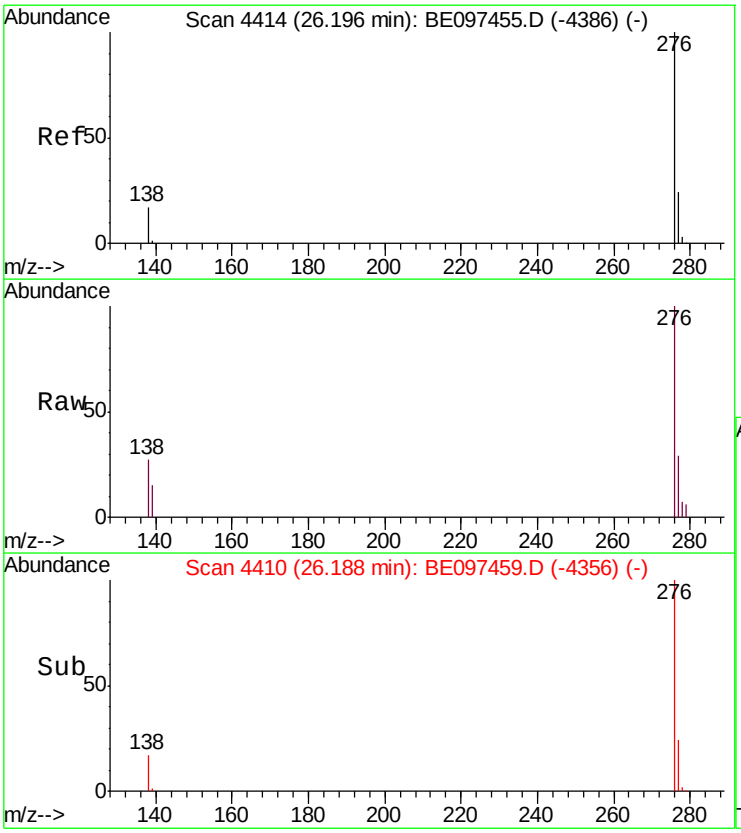
Tgt Ion:278 Resp: 1654

Ion	Ratio	Lower	Upper
278	100		
139	76.8	17.4	26.0#
279	43.2	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
A3Z35

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:24 PM





#26
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul m
RT: 26.19 min Scan# 4410
Delta R.T. -0.01 min
Lab File: BE097459.D
Acq: 12 Sep 2018 20:15

Tgt Ion:276 Resp: 5496

Ion	Ratio	Lower	Upper
276	100		
138	26.6	21.8	32.8
277	28.7	20.5	30.7