Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094377.D
Acq On : 15 Oct 2017 4:34
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

Quant Time: Oct 16 05:52:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 05:09:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	1869	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	9878	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	5989	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.26	188	12172	0.40	ng/ul	0.00
16) Chrysene-d12	21.42	240	11492	0.40	ng/ul	0.00
20) Perylene-d12	23.95	264	11740m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	3600	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.28	212	8189	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	80941	3.345	ng/ul#	91
5) 2-Methylnaphthalene	12.35	142	27676	1.763	ng/ul	98
7) Acenaphthylene	14.24	152	5959	0.255	ng/ul#	93
8) Acenaphthene	14.58	153	113099	5.884	ng/ul	97
9) Fluorene	15.57	166	113948	5.062	ng/ul#	92
12) Phenanthrene	17.29	178	923641	29.038	ng/ul#	85
13) Anthracene	17.39	178	267381	8.643	ng/ul#	91
15) Fluoranthene	19.31	202	1136165	27.185	ng/ul	84
17) Pyrene	19.68	202	883360	27.627	ng/ul#	81
18) Benzo(a)anthracene	21.40	228	547882	17.971	ng/ul#	86
19) Chrysene	21.46	228	462593	13.139	ng/ul	99
21) Benzo(b)fluoranthene	23.18	252	491079	15.398	ng/ul	85
22) Benzo(k)fluoranthene	23.22	252	201915m	5.477	ng/ul	
23) Benzo(a)pyrene	23.84	252	376847m	11.371	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.63	276	237244m	6.998	ng/ul	
25) Dibenzo(a,h)anthracene	26.63	278	71868m	2.527	ng/ul	
26) Benzo(g,h,i)perylene	27.47	276	178465m	6.103	ng/ul	

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

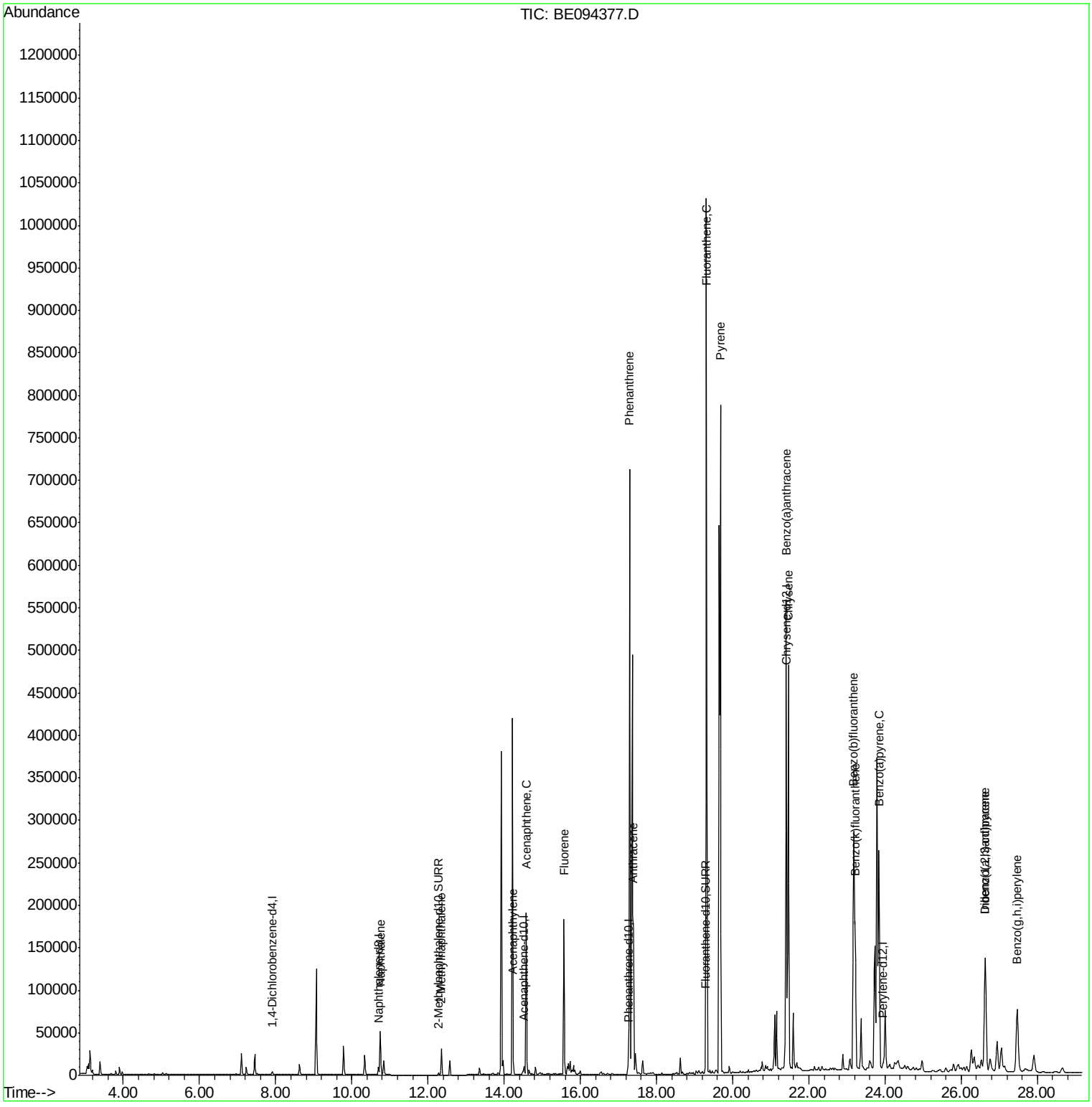
Quantitation Report (QT Reviewed)

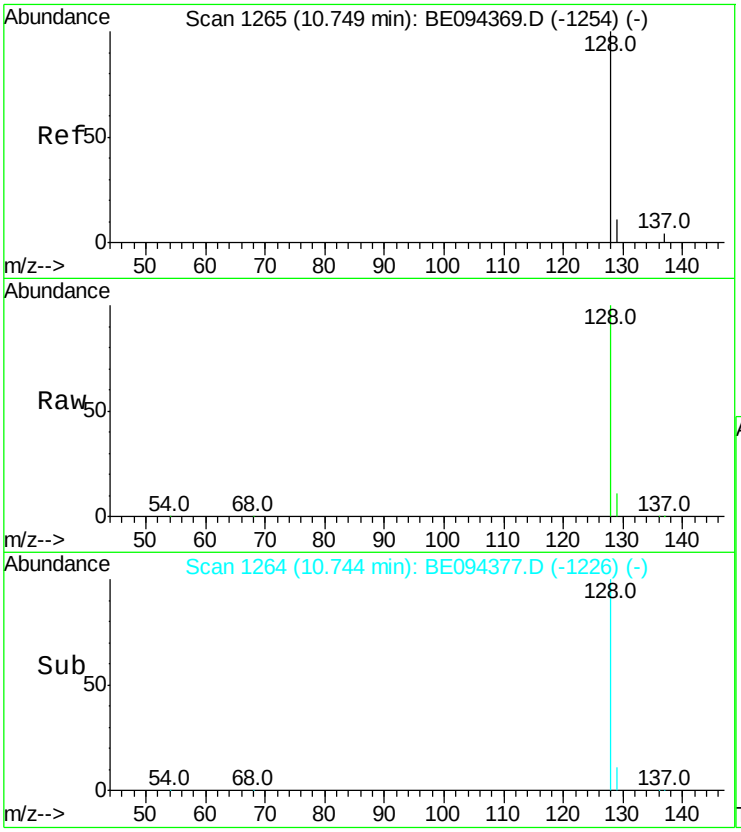
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101417\
Data File : BE094377.D
Acq On : 15 Oct 2017 4:34
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 16 05:52:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 05:09:03 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM





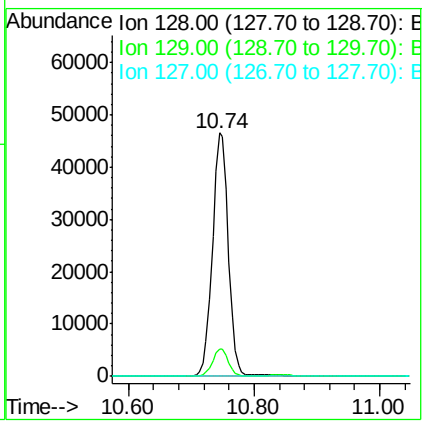
#3
Naphthalene
Concen: 3.345 ng/ul
RT: 10.74 min Scan# 1264
Delta R.T. -0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

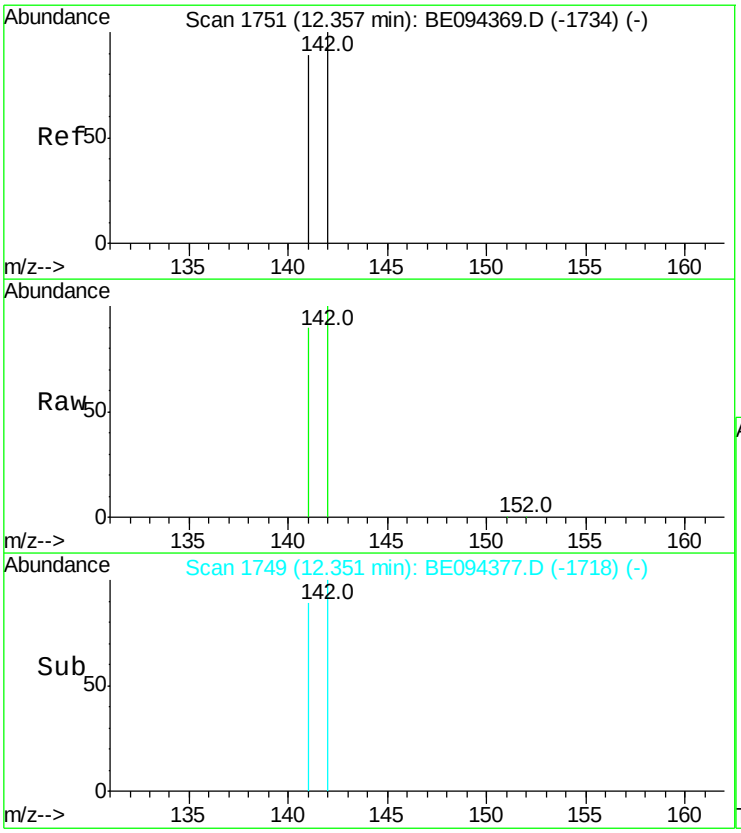
Tgt Ion:128 Resp: 80941

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

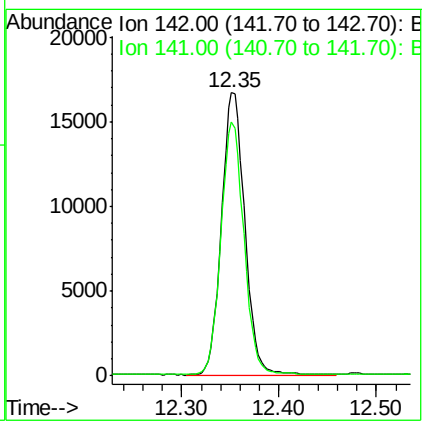


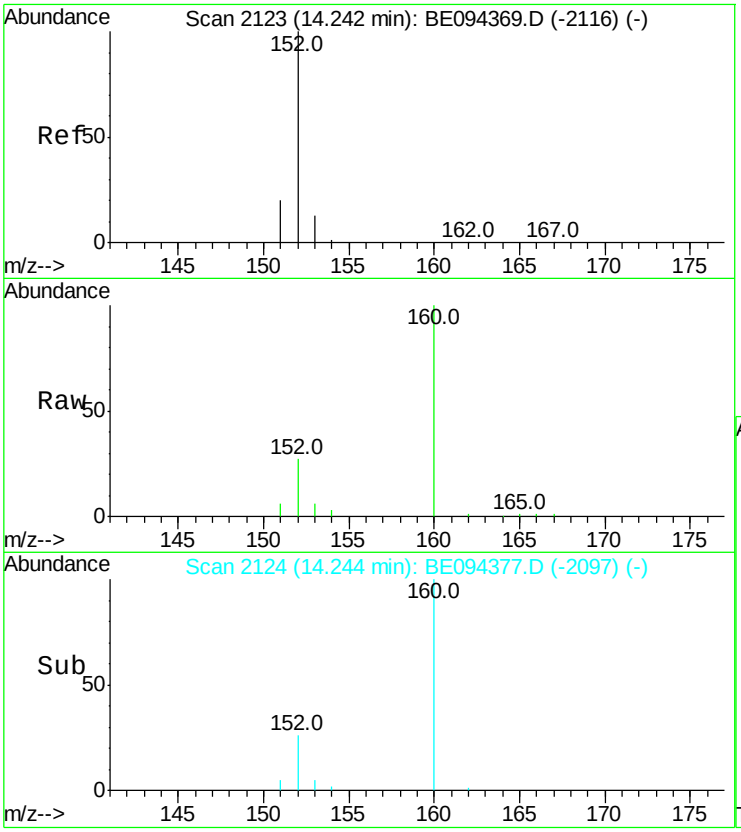


#5
2-Methylnaphthalene
Concen: 1.763 ng/ul
RT: 12.35 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:142 Resp: 27676

Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.6	108.8





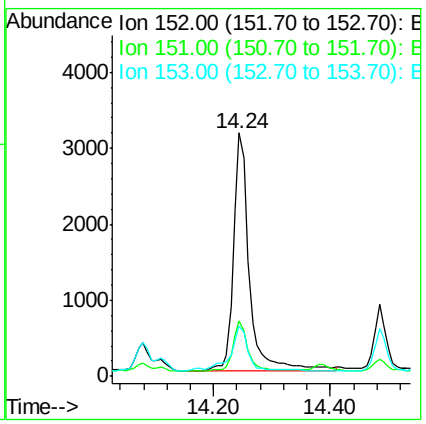
#7
Acenaphthylene
Concen: 0.255 ng/ul
RT: 14.24 min Scan# 2124
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

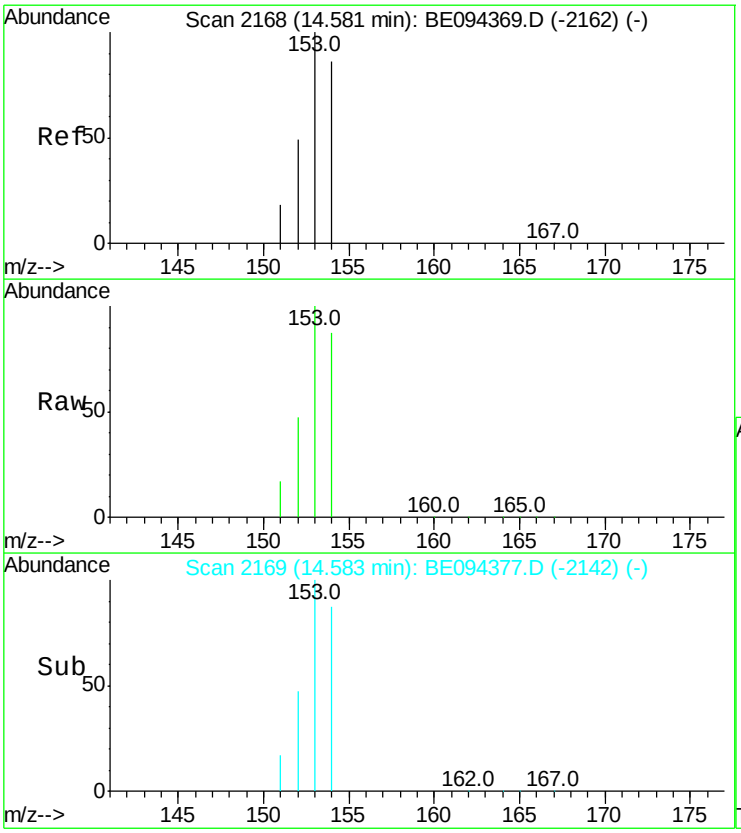
Tgt Ion:152 Resp: 5959

Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	20.8	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

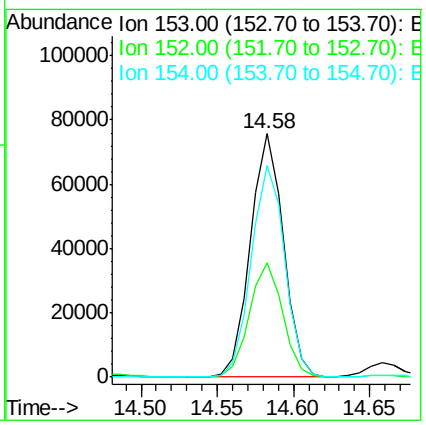


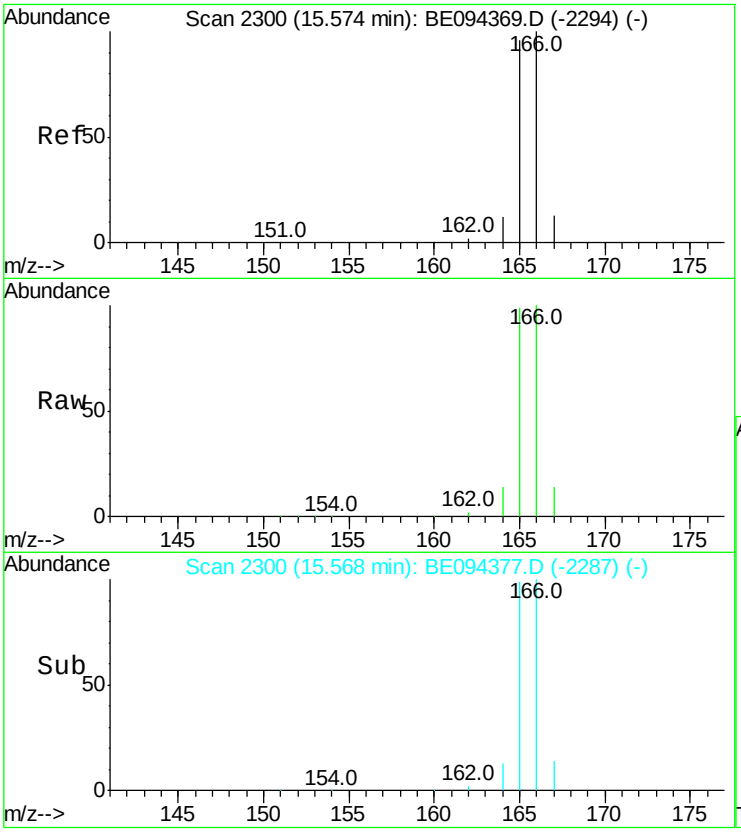


#8
Acenaphthene
Concen: 5.884 ng/ul
RT: 14.58 min Scan# 2169
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:153 Resp: 113099

Ion	Ratio	Lower	Upper
153	100		
152	47.1	40.3	60.5
154	87.1	71.4	107.2





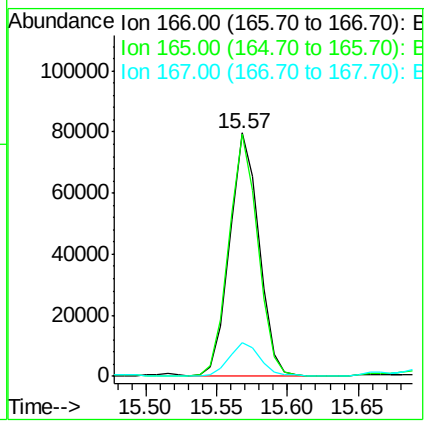
#9
Fluorene
Concen: 5.062 ng/ul
RT: 15.57 min Scan# 2300
Delta R.T. -0.01 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

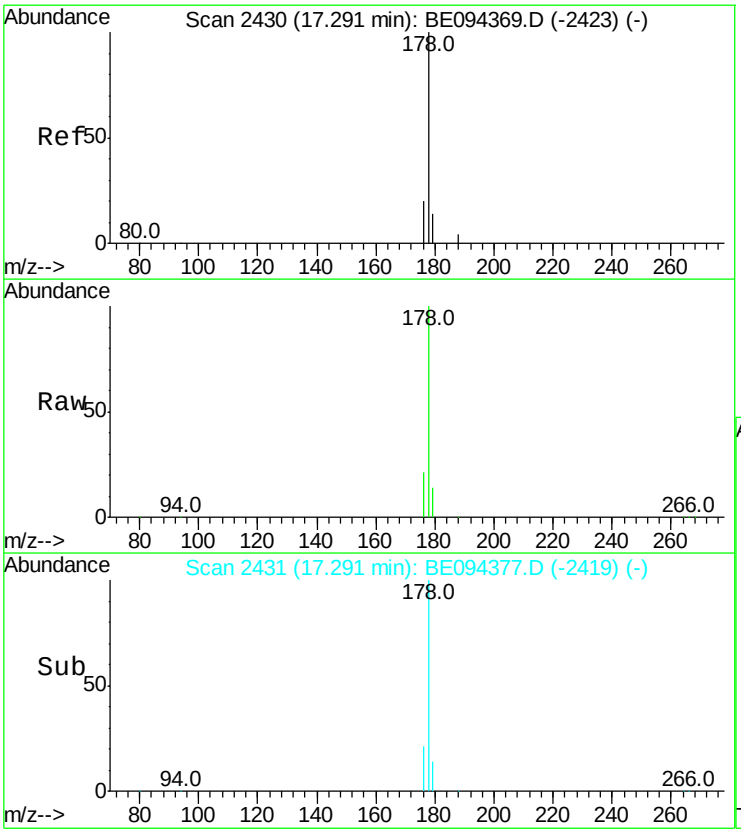
Tgt Ion:166 Resp: 113948

Ion	Ratio	Lower	Upper
166	100		
165	99.4	73.4	110.2
167	14.0	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

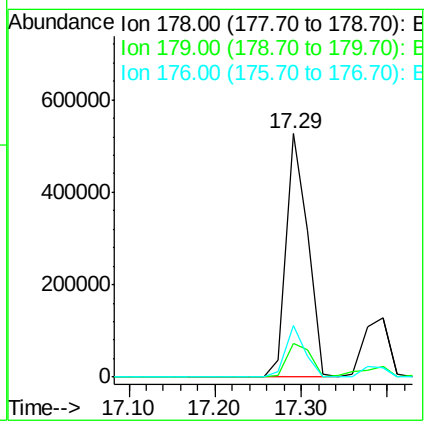


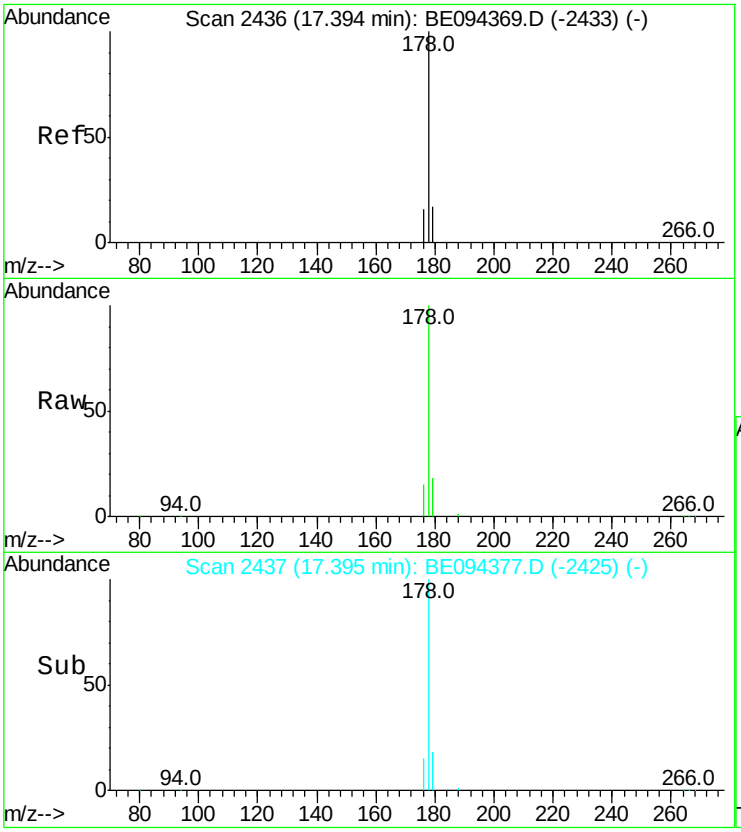


#12
Phenanthrene
Concen: 29.038 ng/ul
RT: 17.29 min Scan# 2431
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:178 Resp: 923641

Ion	Ratio	Lower	Upper
178	100		
179	14.0	18.4	27.6#
176	21.2	13.6	20.4#





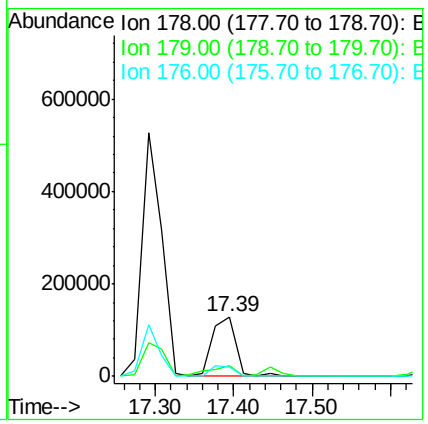
#13
Anthracene
Concen: 8.643 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

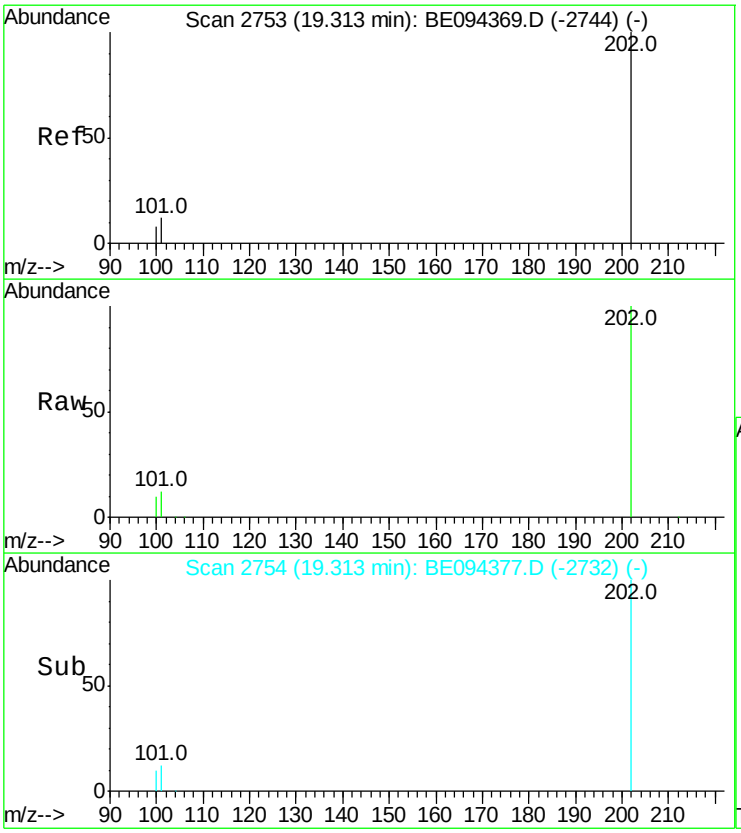
Tgt Ion:178 Resp: 267381

Ion	Ratio	Lower	Upper
178	100		
179	17.8	18.1	27.1#
176	15.2	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

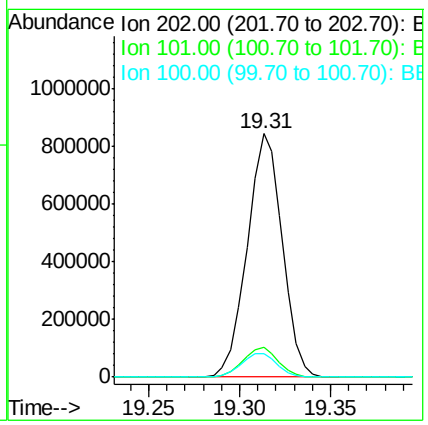


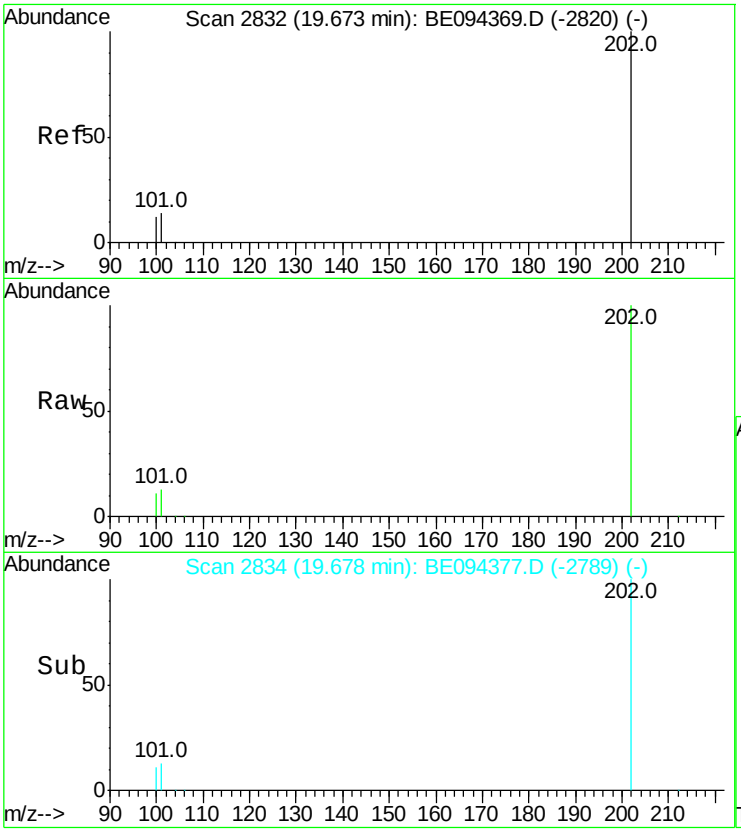


#15
Fluoranthene
Concen: 27.185 ng/ul
RT: 19.31 min Scan# 2754
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:202 Resp: 1136165

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	30.3
100	9.8	0.0	39.5





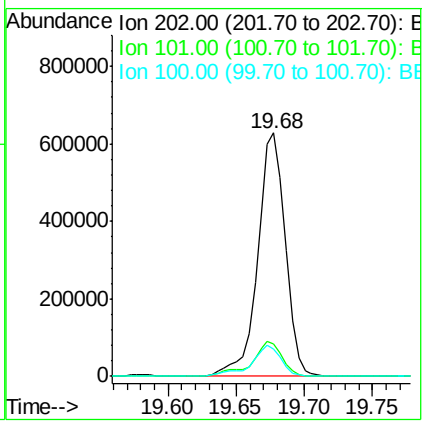
#17
Pyrene
Concen: 27.627 ng/ul
RT: 19.68 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

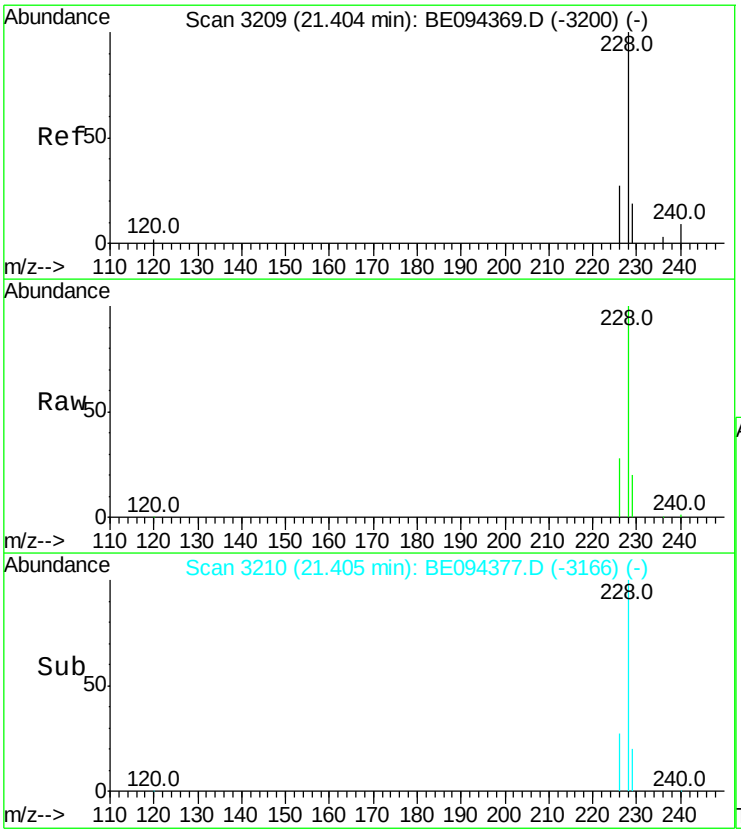
Tgt Ion:202 Resp: 883360

Ion	Ratio	Lower	Upper
202	100		
101	13.4	18.2	27.4#
100	11.5	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

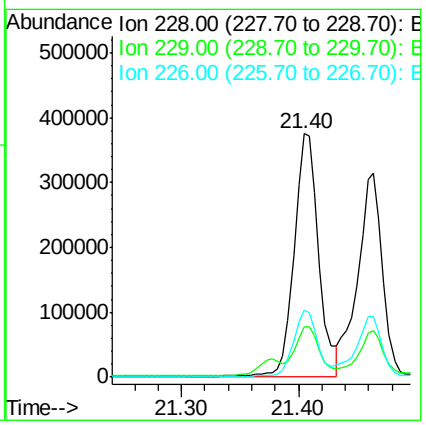


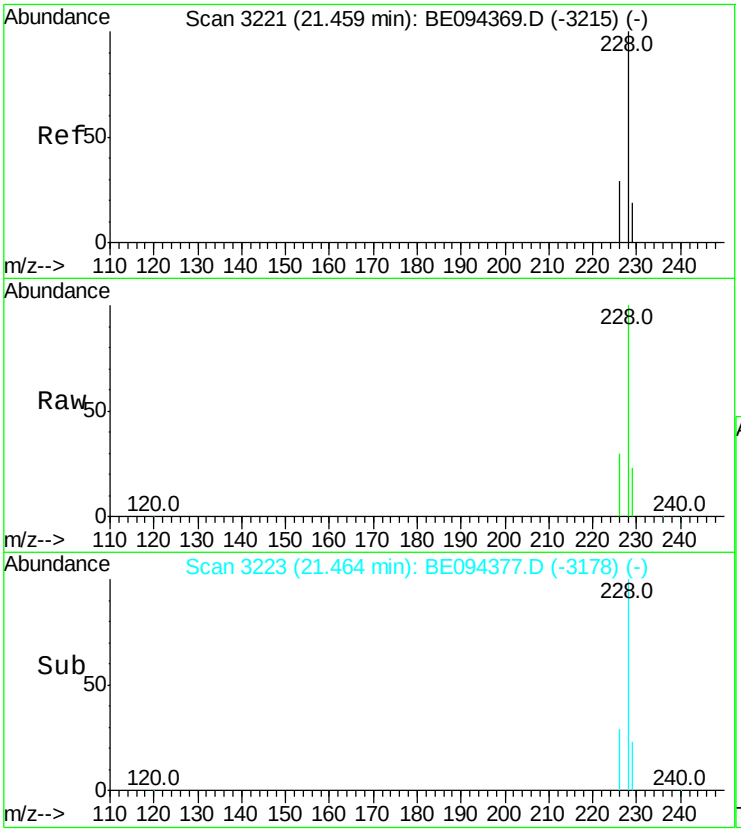


#18
Benzo(a)anthracene
Concen: 17.971 ng/ul
RT: 21.40 min Scan# 3210
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:228 Resp: 547882

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	27.5	17.0	25.6#

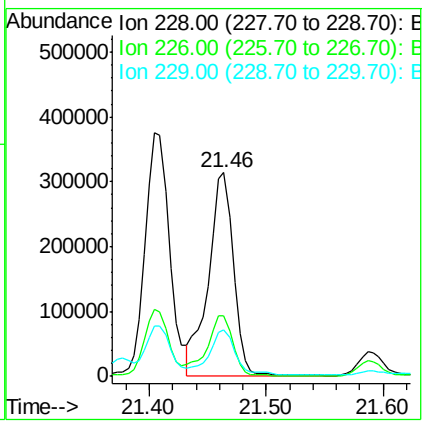




#19
Chrysene
Concen: 13.139 ng/ul
RT: 21.46 min Scan# 3223
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

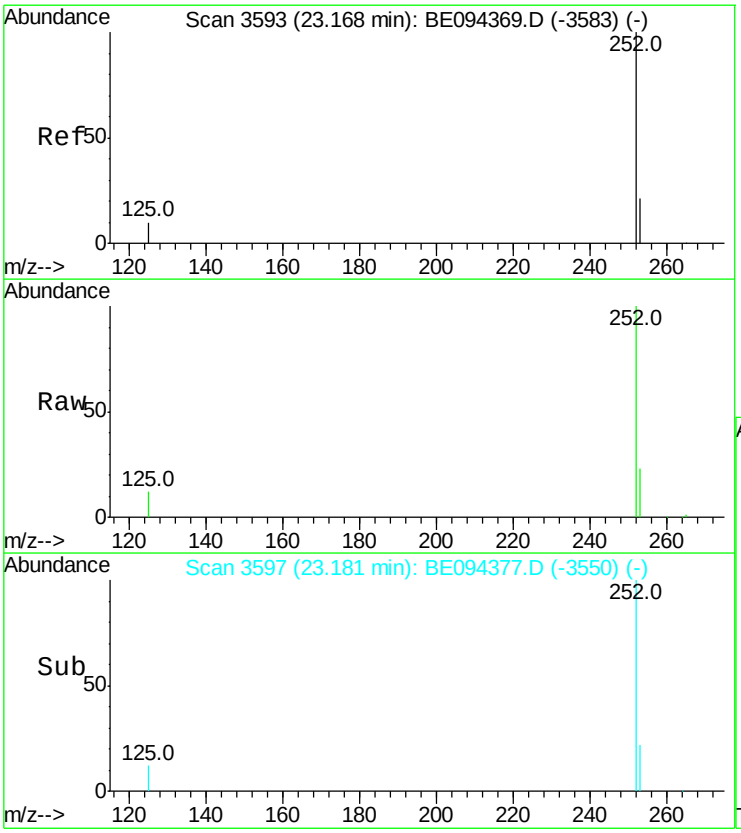
Tgt Ion:228 Resp: 462593

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.0
229	23.1	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
C0AE7

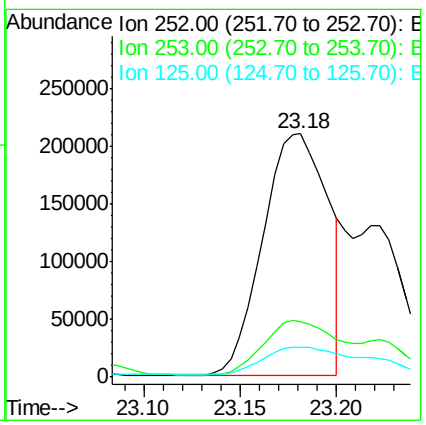
Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

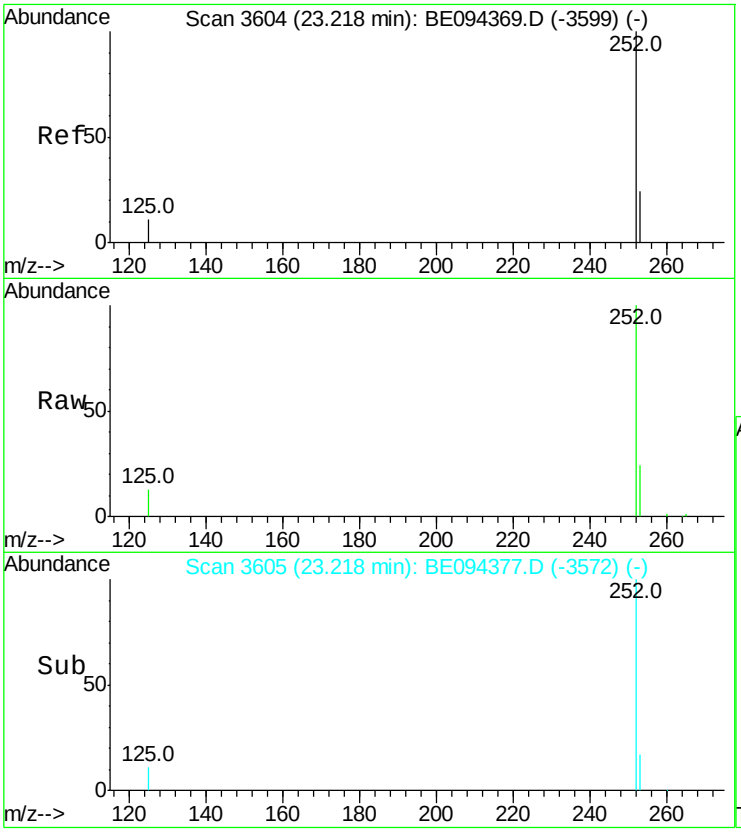


#21
Benzo(b)fluoranthene
Concen: 15.398 ng/ul
RT: 23.18 min Scan# 3597
Delta R.T. 0.01 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:252 Resp: 491079

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	12.5	0.0	35.0

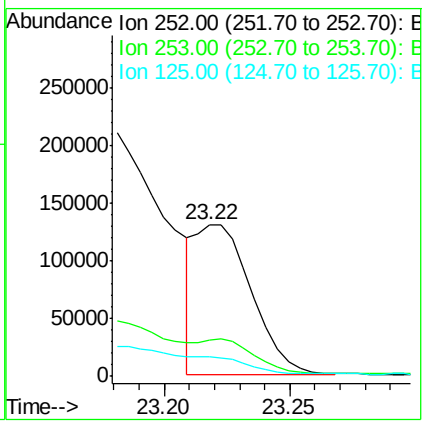




#22
Benzo(k)fluoranthene
Concen: 5.477 ng/ul m
RT: 23.22 min Scan# 3605
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

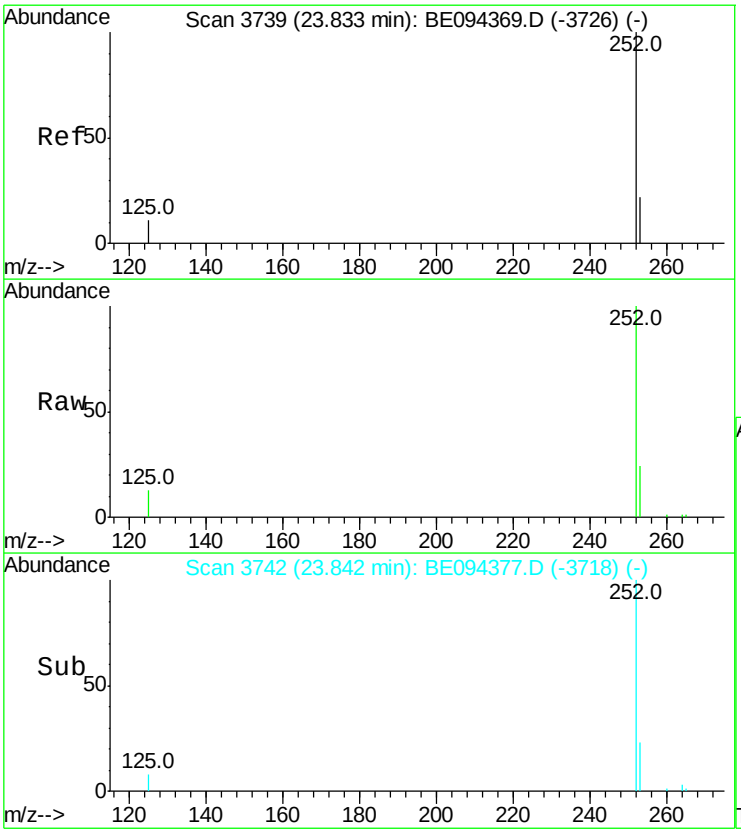
Tgt Ion:252 Resp: 201915

Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	12.7	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
C0AE7

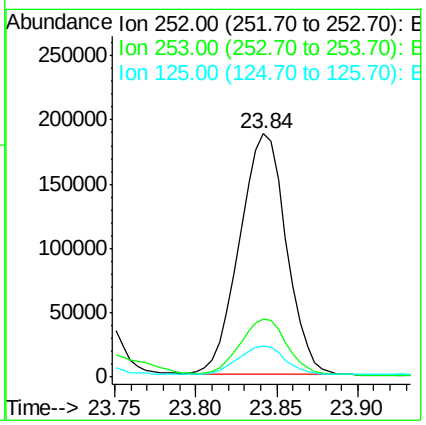
Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

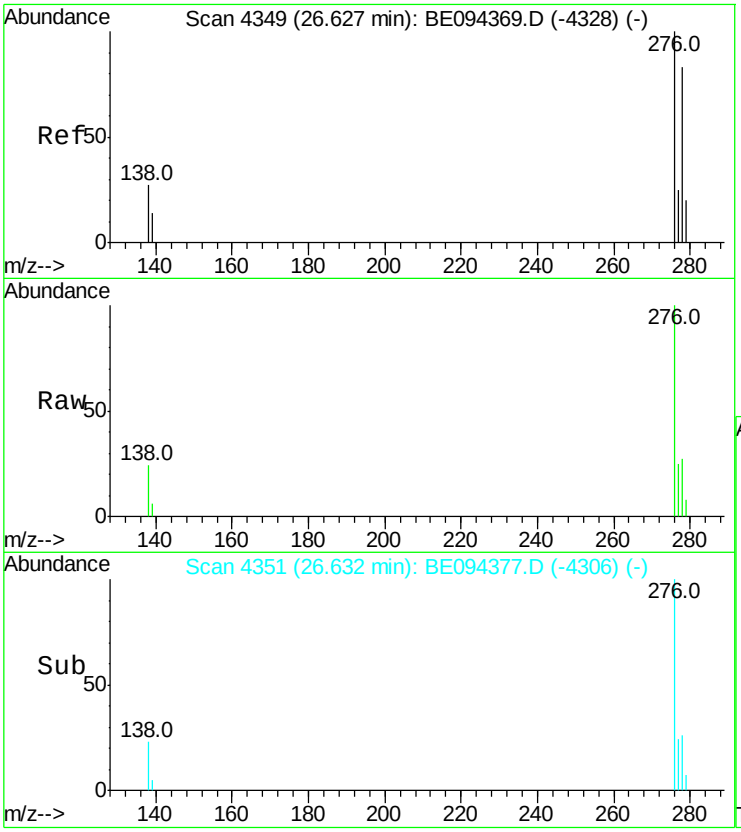


#23
Benzo(a)pyrene
Concen: 11.371 ng/ul m
RT: 23.84 min Scan# 3742
Delta R.T. 0.01 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:252 Resp: 376847

Ion	Ratio	Lower	Upper
252	100		
253	23.6	28.5	42.7#
125	12.9	18.1	27.1#





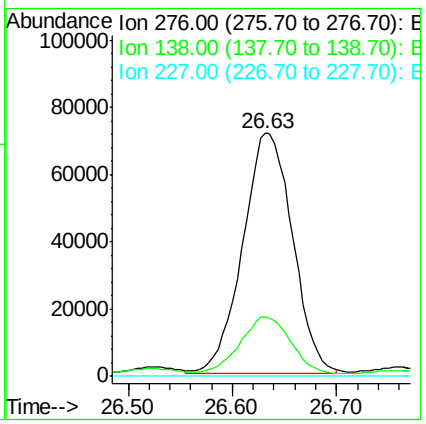
#24
Indeno(1,2,3-cd)pyrene
Concen: 6.998 ng/ul m
RT: 26.63 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

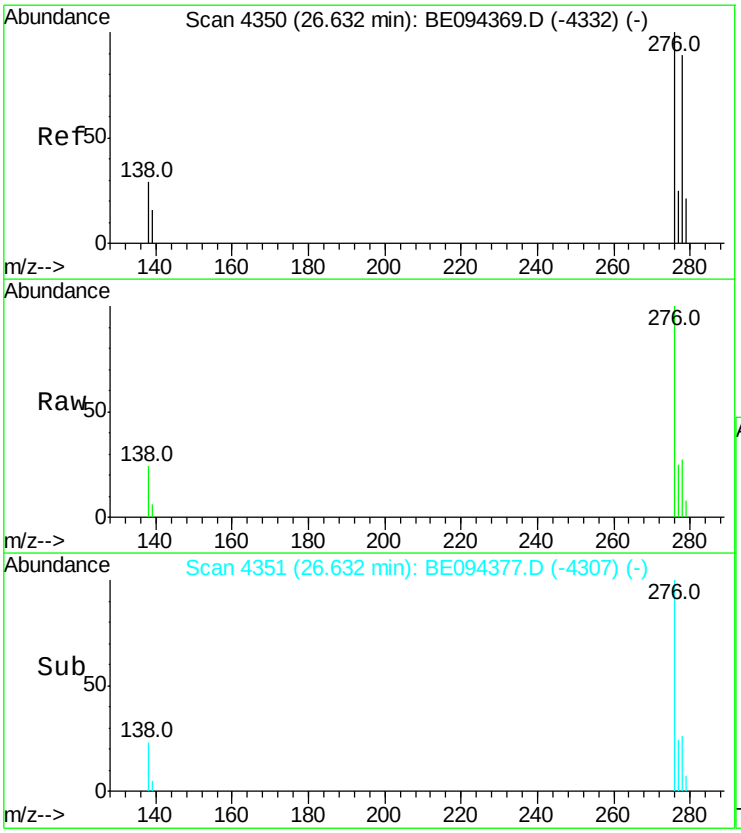
Tgt Ion:276 Resp: 237244

Ion	Ratio	Lower	Upper
276	100		
138	0.9	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM

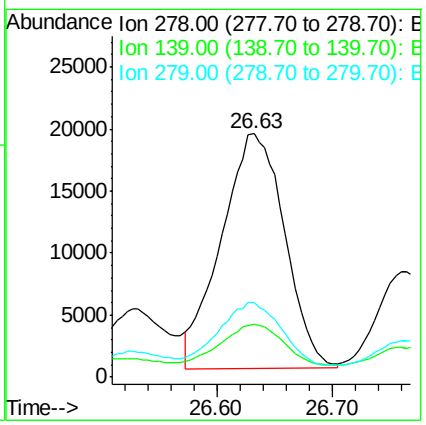


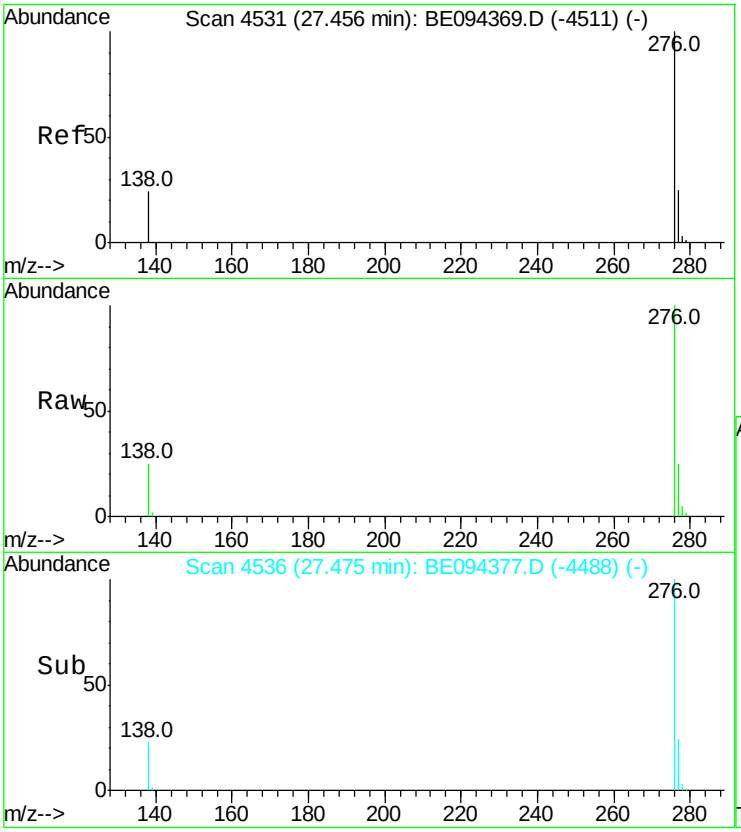


#25
Dibenzo(a,h)anthracene
Concen: 2.527 ng/ul m
RT: 26.63 min Scan# 4351
Delta R.T. 0.00 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:278 Resp: 71868

Ion	Ratio	Lower	Upper
278	100		
139	21.5	17.4	26.0
279	30.6	25.9	38.9

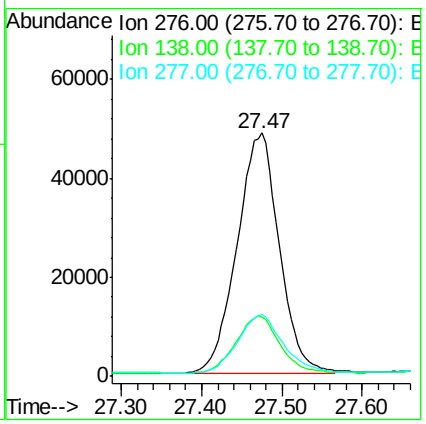




#26
Benzo(g,h,i)perylene
Concen: 6.103 ng/ul m
RT: 27.47 min Scan# 4536
Delta R.T. 0.02 min
Lab File: BE094377.D
Acq: 15 Oct 2017 4:34

Tgt Ion:276 Resp: 178465

Ion	Ratio	Lower	Upper
276	100		
138	24.5	21.8	32.8
277	25.3	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/16/2017 8:25:42 PM