Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094307.D
Acq On : 12 Oct 2017 8:11
Operator : SJ/JU
Sample : I5649-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

Quant Time: Oct 12 20:16:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	1690	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	8710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	5028	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.27	188	10508m	0.40	ng/ul	0.02
16) Chrysene-d12	21.43	240	9822	0.40	ng/ul	0.00
20) Perylene-d12	23.96	264	8555m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	4307	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.29	212	9719	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	9104	0.427	ng/ul#	93
5) 2-Methylnaphthalene	12.36	142	2080	0.150	ng/ul	98
7) Acenaphthylene	14.26	152	890	0.045	ng/ul#	73
8) Acenaphthene	14.60	153	613	0.038	ng/ul#	91
9) Fluorene	15.58	166	1906	0.101	ng/ul#	88
12) Phenanthrene	17.31	178	22061	0.803	ng/ul#	93
13) Anthracene	17.39	178	2699	0.101	ng/ul#	91
15) Fluoranthene	19.32	202	25389	0.704	ng/ul	84
17) Pyrene	19.68	202	27519	1.007	ng/ul#	84
18) Benzo(a)anthracene	21.42	228	15426	0.592	ng/ul#	68
19) Chrysene	21.47	228	25728	0.855	ng/ul#	78
21) Benzo(b)fluoranthene	23.19	252	24258m	1.044	ng/ul	
22) Benzo(k)fluoranthene	23.23	252	7248m	0.270	ng/ul	
23) Benzo(a)pyrene	23.86	252	16462m	0.682	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.65	276	7950m	0.322	ng/ul	
26) Benzo(g,h,i)perylene	27.49	276	8730m	0.410	ng/ul	

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

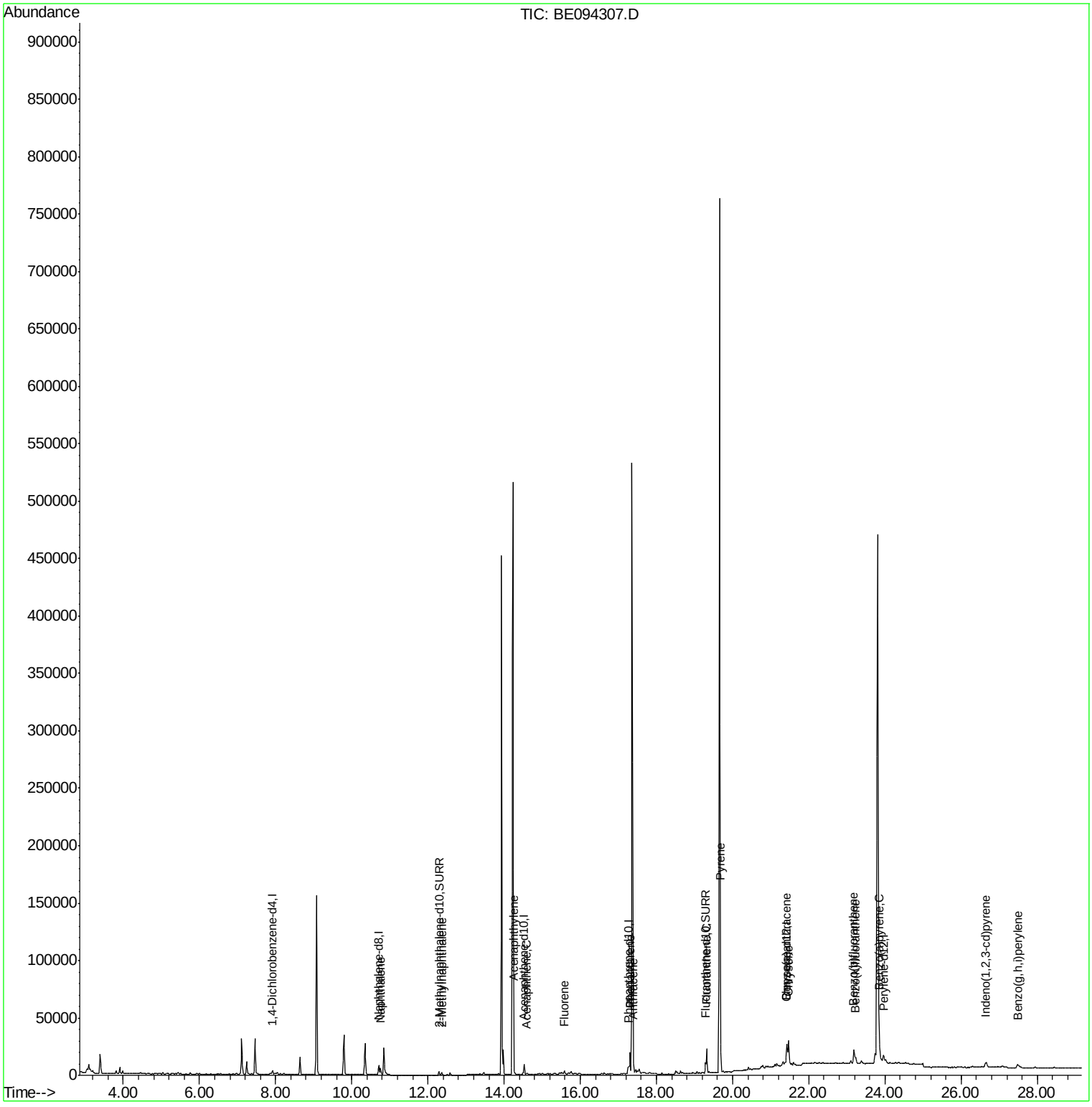
Quantitation Report (QT Reviewed)

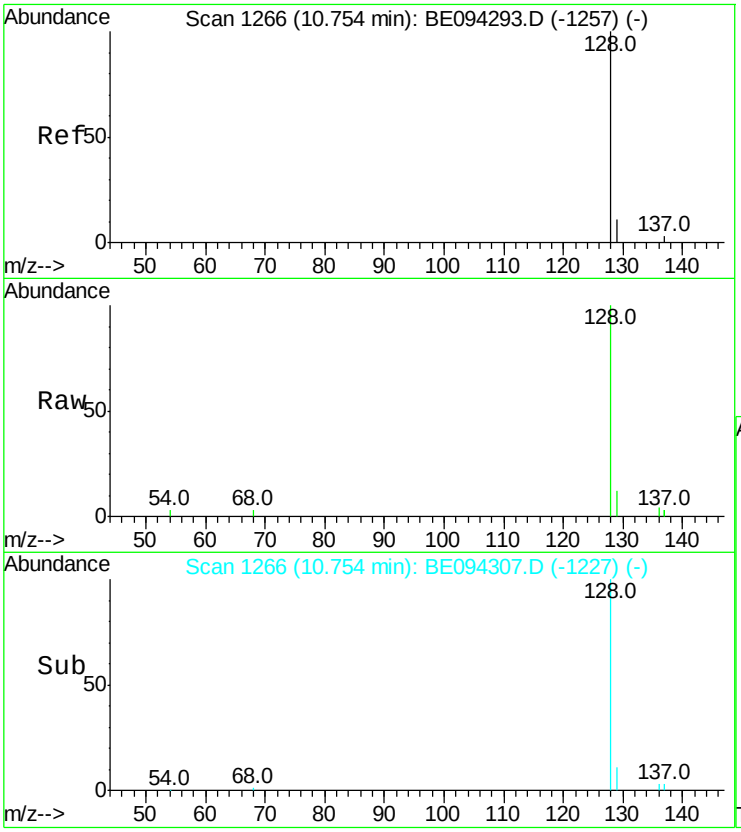
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA E\DATA\BE101117\
Data File : BE094307.D
Acq On : 12 Oct 2017 8:11
Operator : SJ/JU
Sample : I5649-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 12 20:16:25 2017
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE092017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 12 08:55:52 2017
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

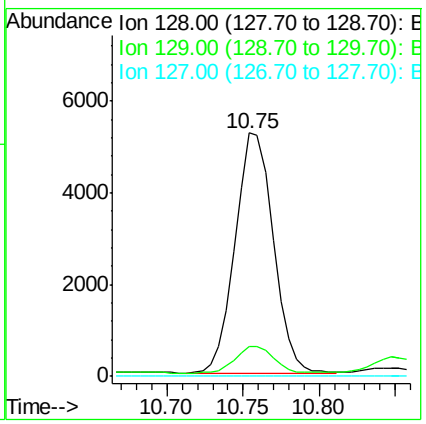




#3
Naphthalene
Concen: 0.427 ng/ul
RT: 10.75 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

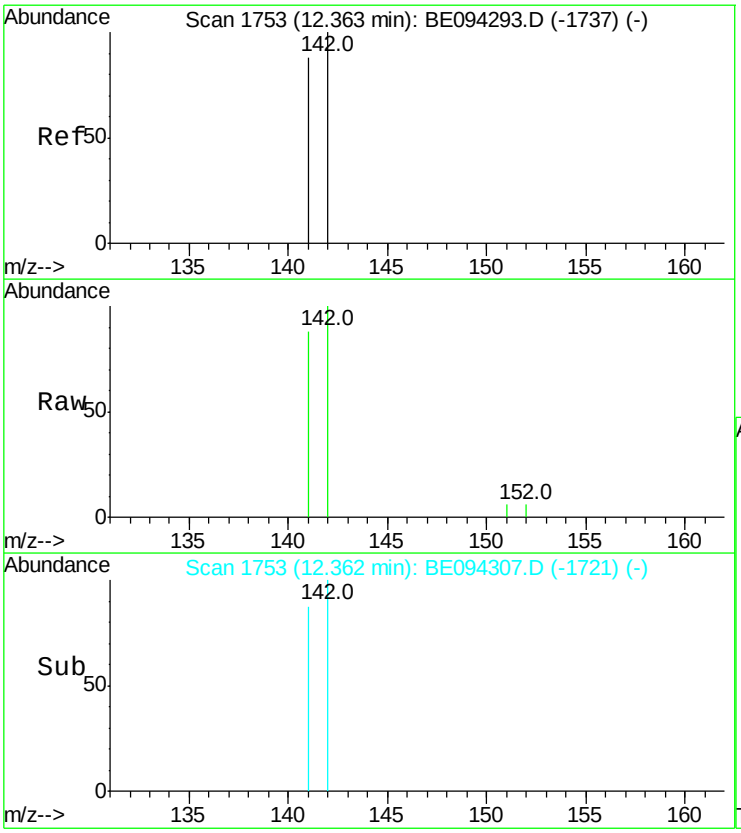
Tgt Ion:128 Resp: 9104

Ion	Ratio	Lower	Upper
128	100		
129	12.2	11.3	16.9
127	0.0	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

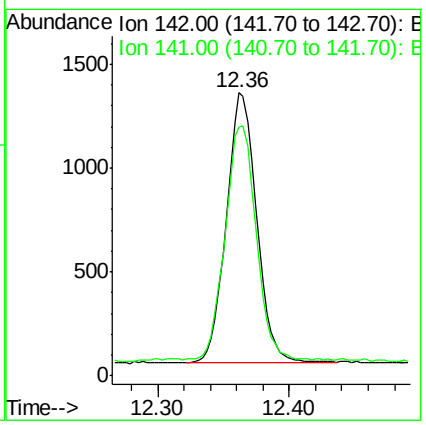
Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

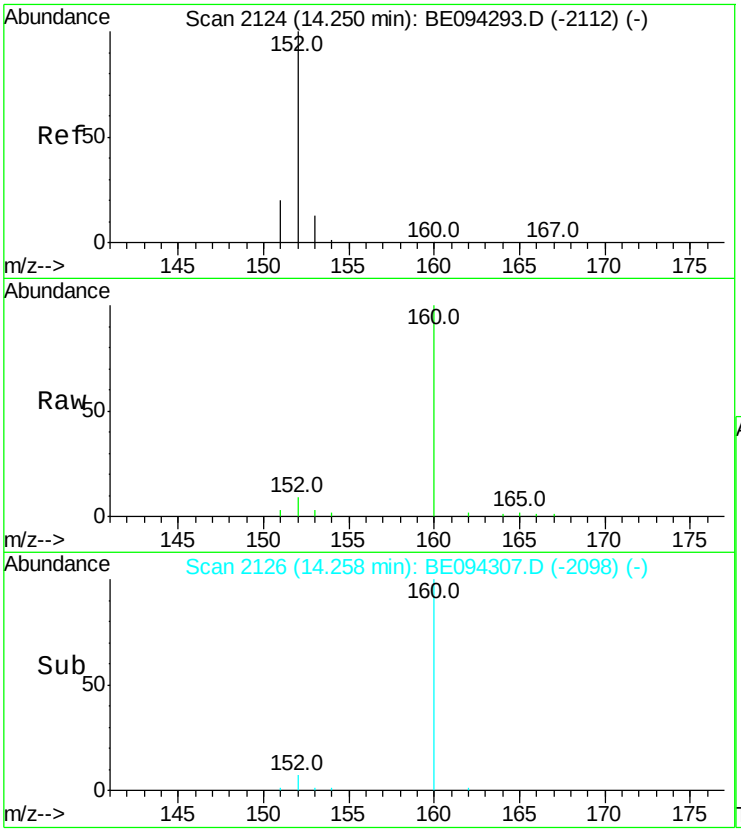


#5
2-Methylnaphthalene
Concen: 0.150 ng/ul
RT: 12.36 min Scan# 1753
Delta R.T. -0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:142 Resp: 2080

Ion	Ratio	Lower	Upper
142	100		
141	88.9	72.6	108.8

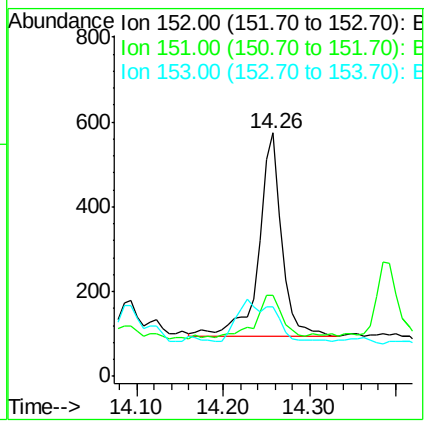




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.26 min Scan# 2126
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

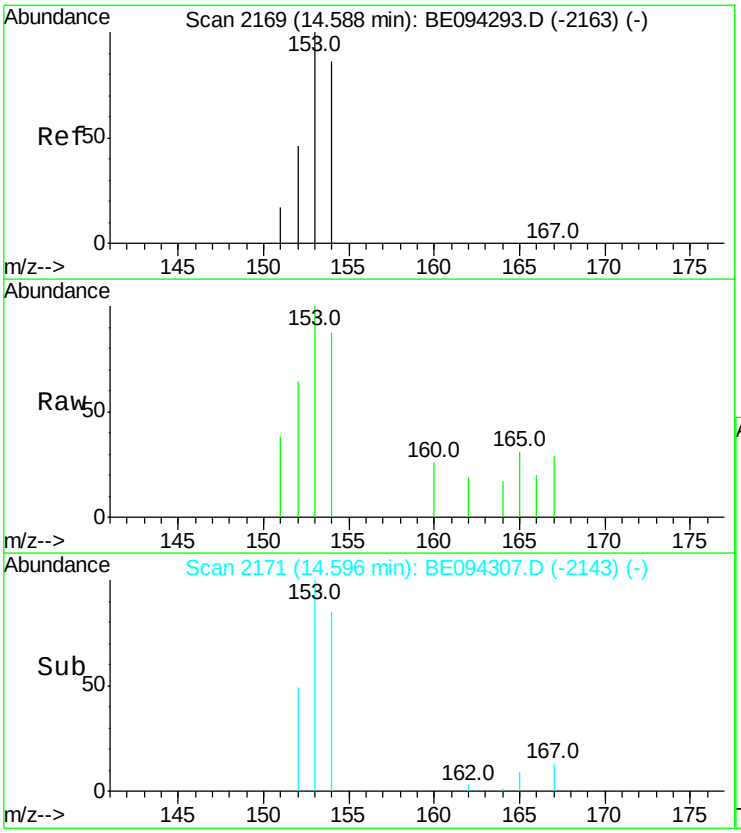
Tgt Ion:152 Resp: 890

Ion	Ratio	Lower	Upper
152	100		
151	33.4	17.1	25.7#
153	28.7	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

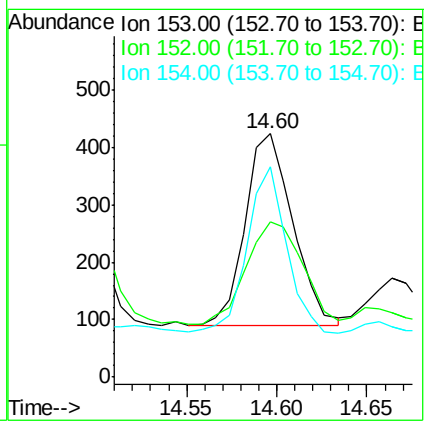
Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

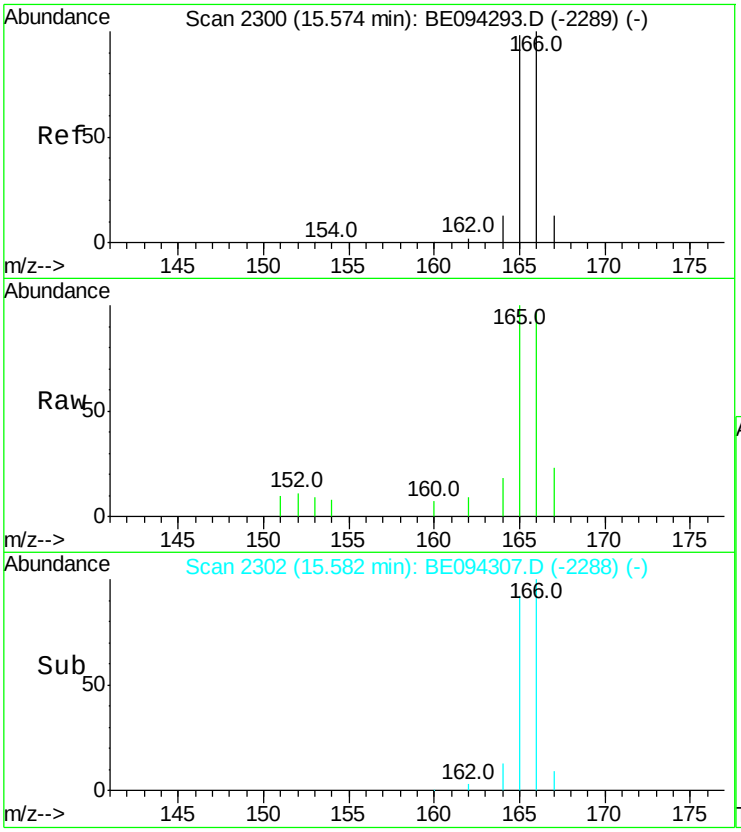


#8
Acenaphthene
Concen: 0.038 ng/ul
RT: 14.60 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:153 Resp: 613

Ion	Ratio	Lower	Upper
153	100		
152	63.7	40.3	60.5#
154	86.6	71.4	107.2

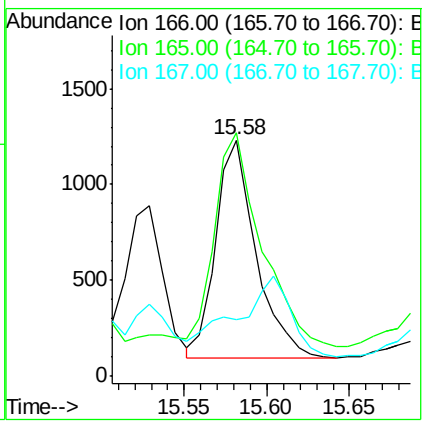




#9
Fluorene
Concen: 0.101 ng/ul
RT: 15.58 min Scan# 2302
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

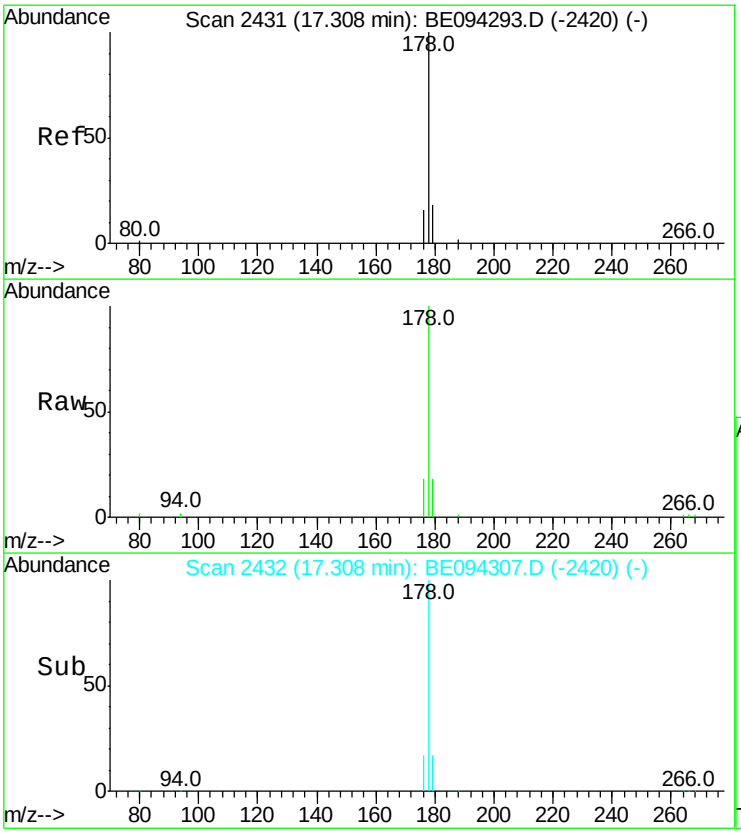
Tgt Ion:166 Resp: 1906

Ion	Ratio	Lower	Upper
166	100		
165	103.0	73.4	110.2
167	23.9	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

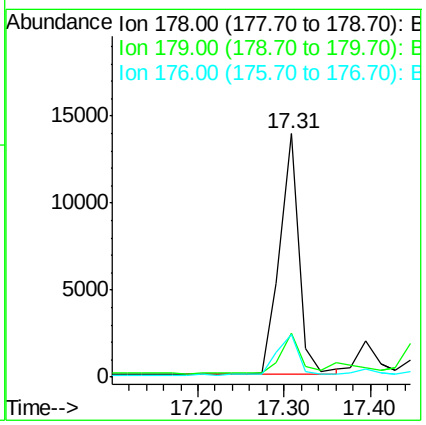
Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

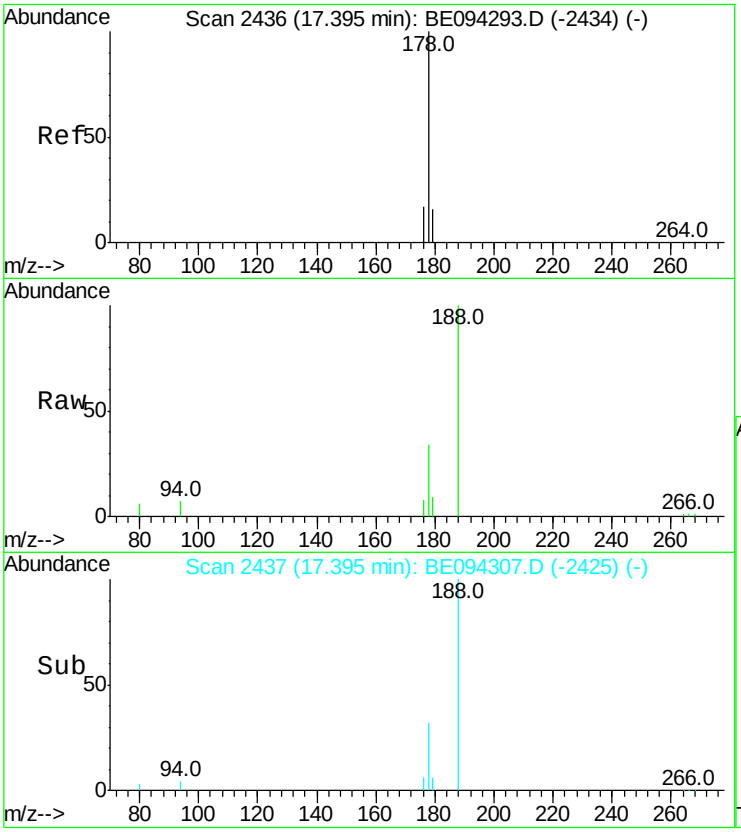


#12
Phenanthrene
Concen: 0.803 ng/ul
RT: 17.31 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:178 Resp: 22061

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.4	27.6#
176	17.8	13.6	20.4

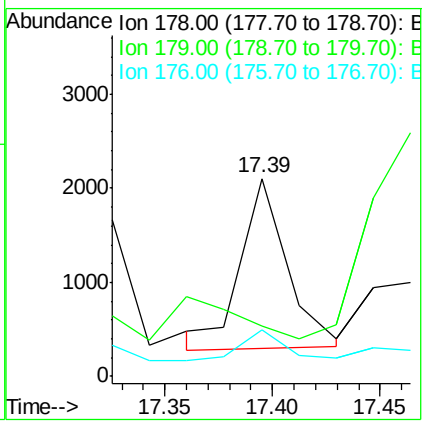




#13
Anthracene
Concen: 0.101 ng/ul
RT: 17.39 min Scan# 2437
Delta R.T. -0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

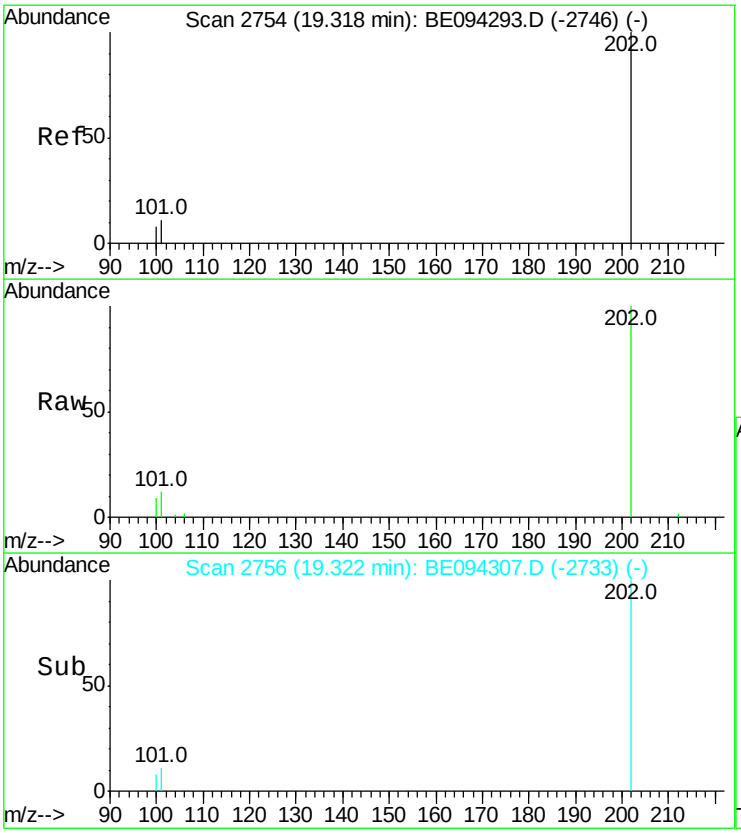
Tgt Ion:178 Resp: 2699

Ion	Ratio	Lower	Upper
178	100		
179	25.7	18.1	27.1
176	23.6	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

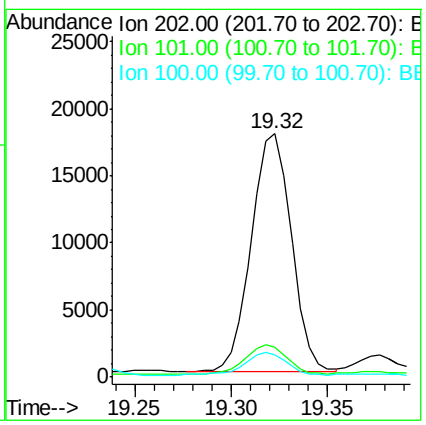
Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

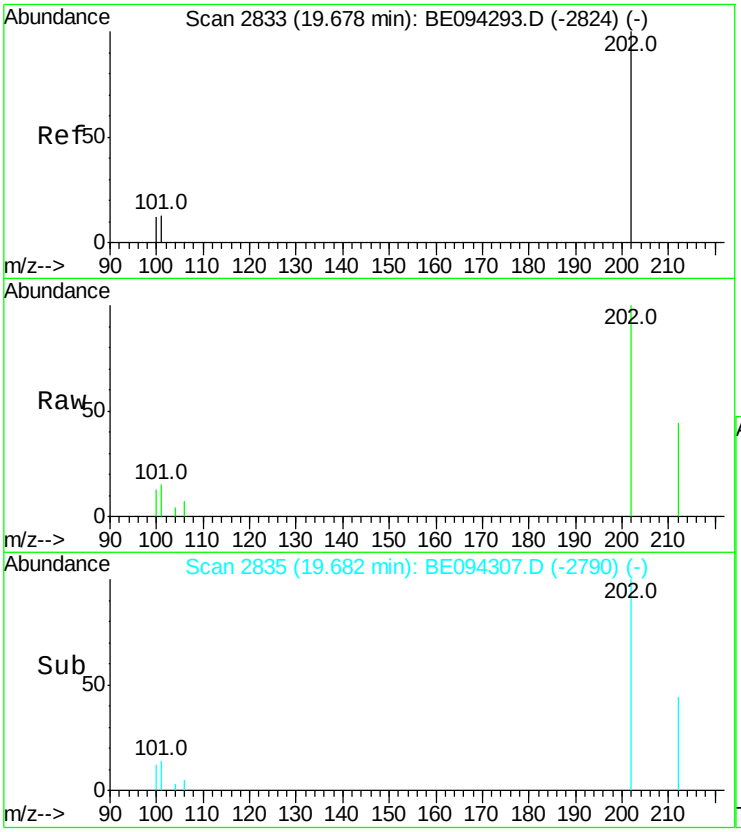


#15
Fluoranthene
Concen: 0.704 ng/ul
RT: 19.32 min Scan# 2756
Delta R.T. 0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:202 Resp: 25389

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	30.3
100	9.3	0.0	39.5





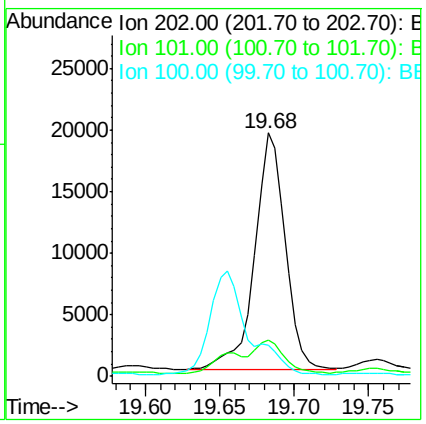
#17
Pyrene
Concen: 1.007 ng/ul
RT: 19.68 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

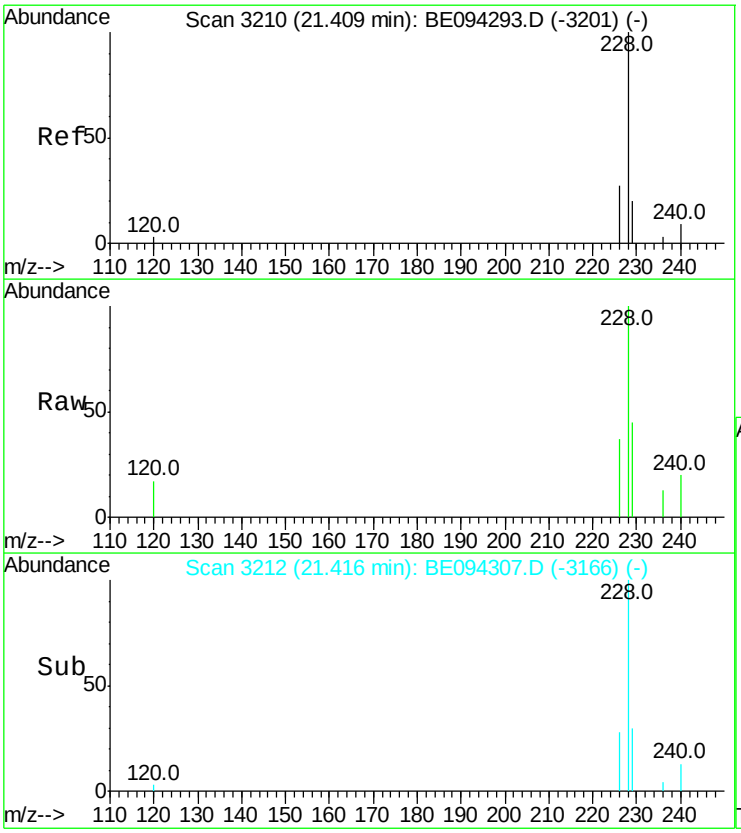
Tgt Ion:202 Resp: 27519

Ion	Ratio	Lower	Upper
202	100		
101	15.0	18.2	27.4#
100	12.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

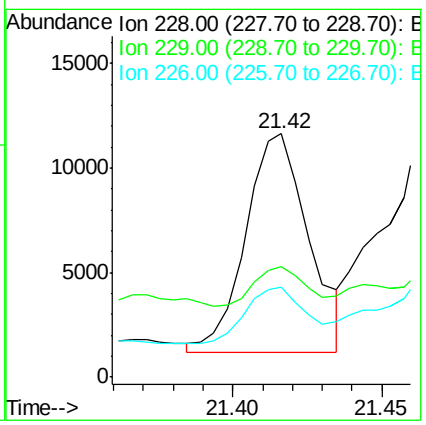


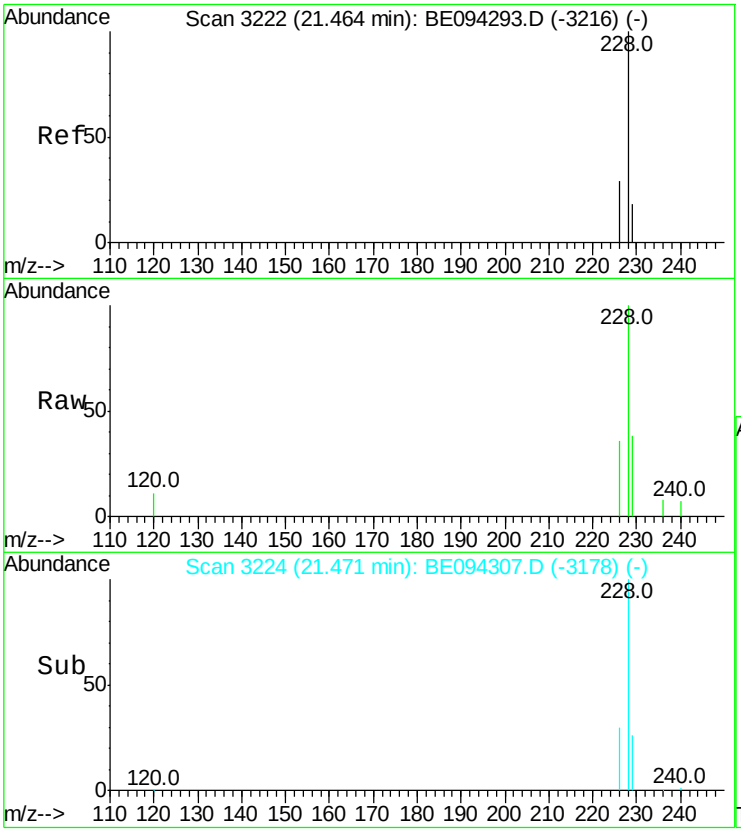


#18
Benzo(a)anthracene
Concen: 0.592 ng/ul
RT: 21.42 min Scan# 3212
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:228 Resp: 15426

Ion	Ratio	Lower	Upper
228	100		
229	45.3	22.8	34.2#
226	36.7	17.0	25.6#





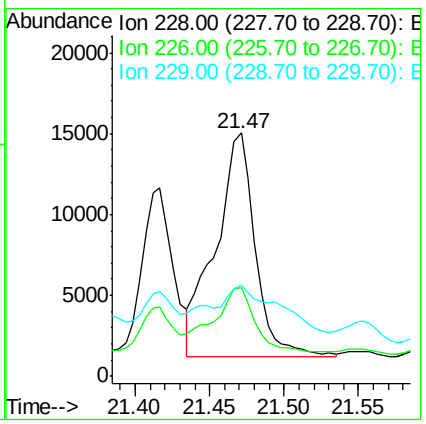
#19
Chrysene
Concen: 0.855 ng/ul
RT: 21.47 min Scan# 3224
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

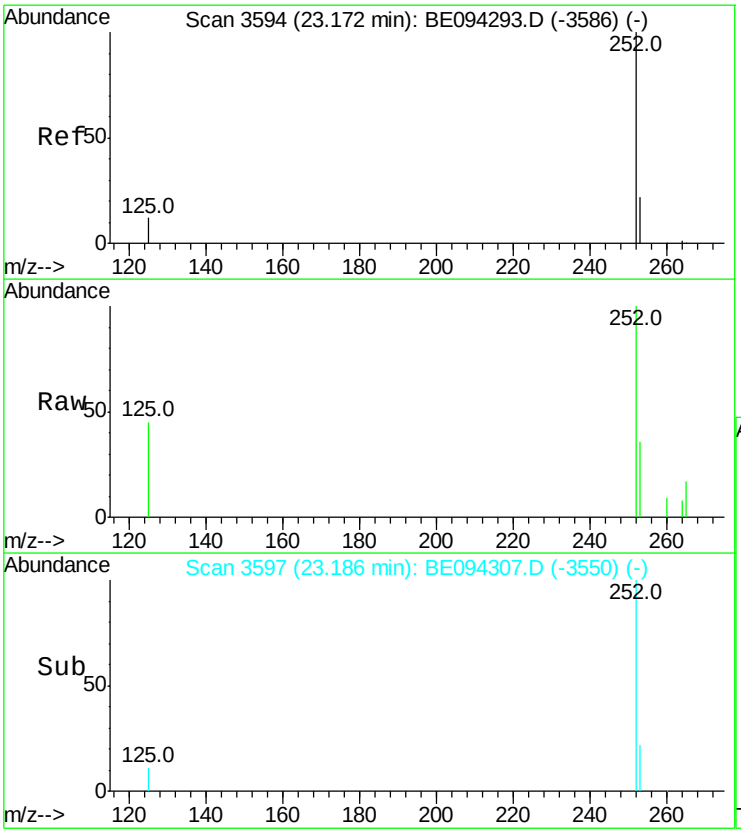
Tgt Ion:228 Resp: 25728

Ion	Ratio	Lower	Upper
228	100		
226	36.3	23.4	35.0#
229	37.7	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

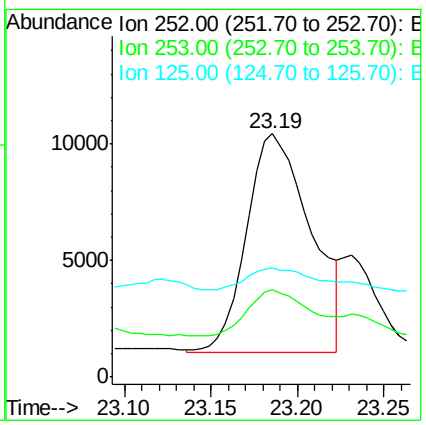


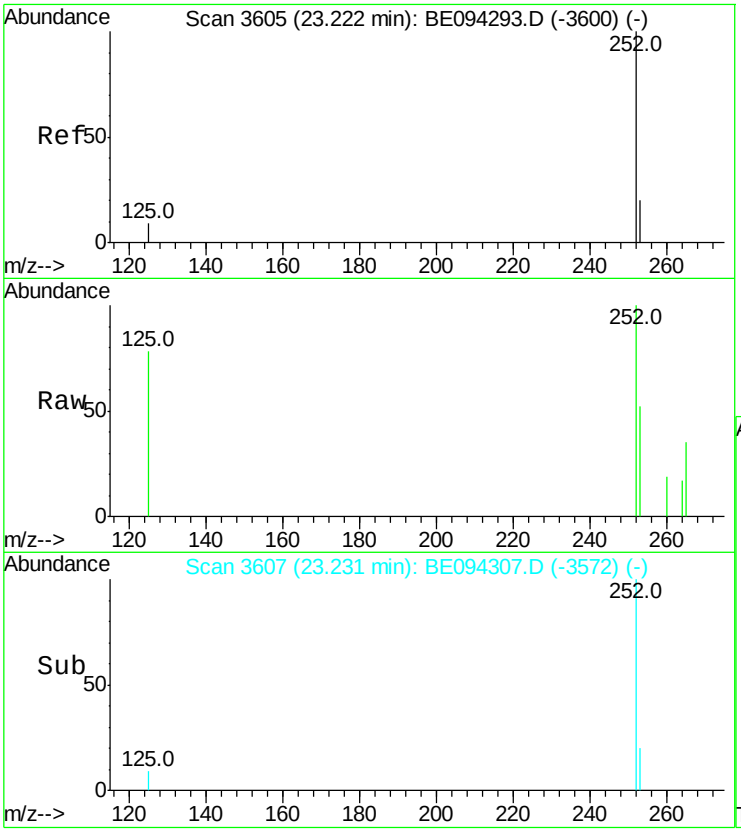


#21
Benzo(b)fluoranthene
Concen: 1.044 ng/ul m
RT: 23.19 min Scan# 3597
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:252 Resp: 24258

Ion	Ratio	Lower	Upper
252	100		
253	36.0	0.0	64.2
125	44.7	0.0	35.0#





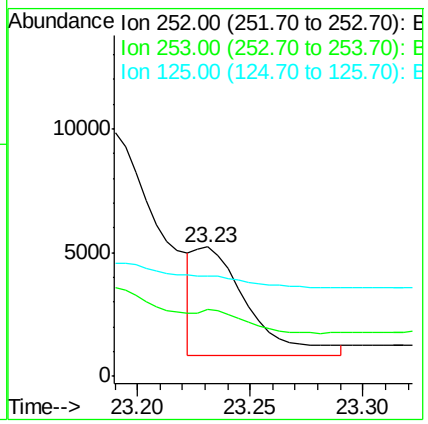
#22
Benzo(k)fluoranthene
Concen: 0.270 ng/ul m
RT: 23.23 min Scan# 3607
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

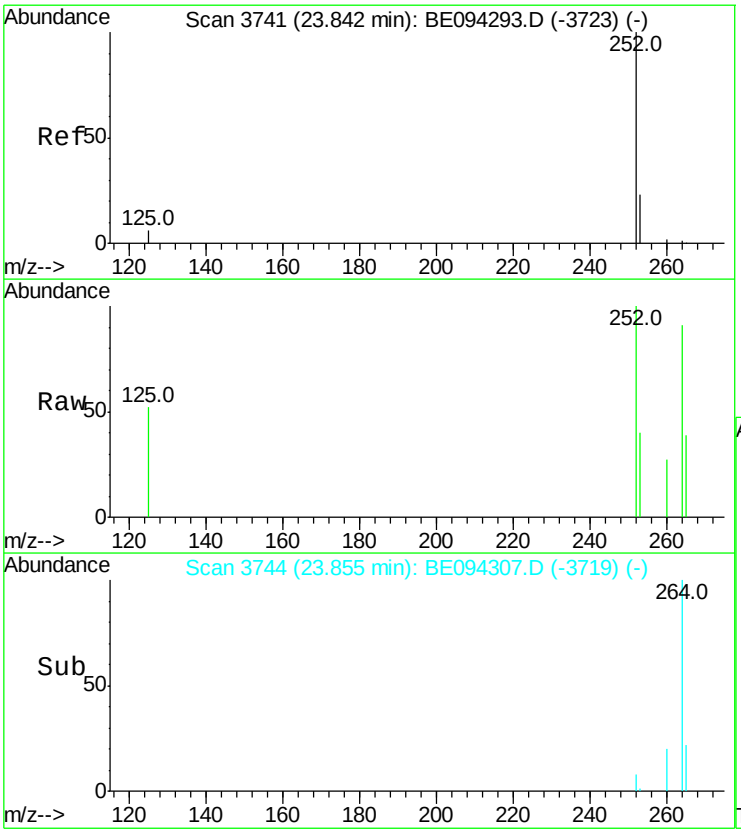
Tgt Ion:252 Resp: 7248

Ion	Ratio	Lower	Upper
252	100		
253	51.7	24.5	36.7#
125	77.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM

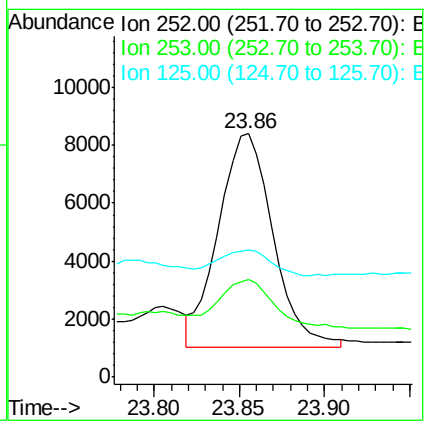


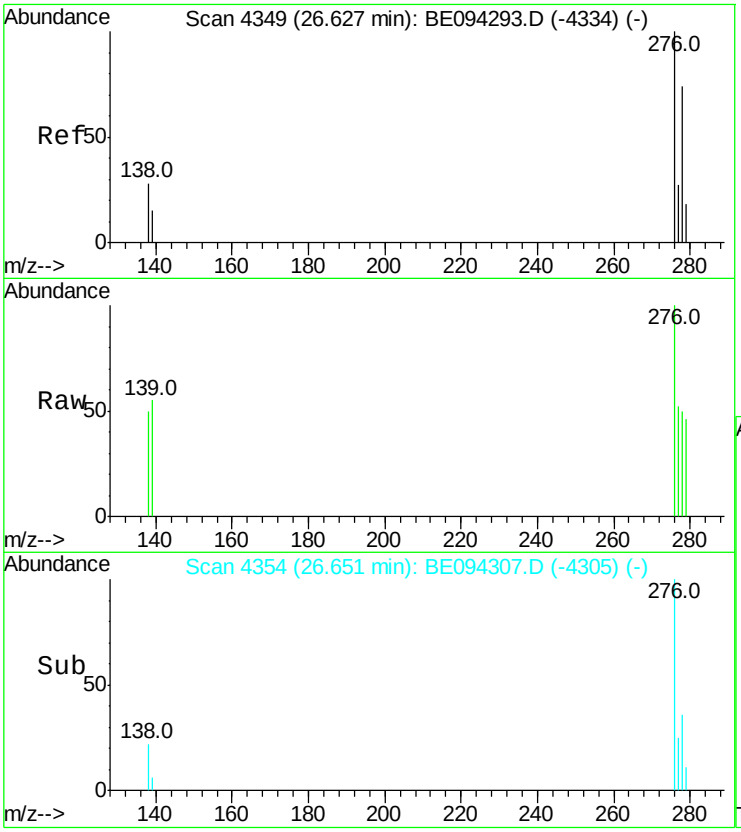


#23
Benzo(a)pyrene
Concen: 0.682 ng/ul m
RT: 23.86 min Scan# 3744
Delta R.T. 0.01 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:252 Resp: 16462

Ion	Ratio	Lower	Upper
252	100		
253	40.2	28.5	42.7
125	52.0	18.1	27.1#





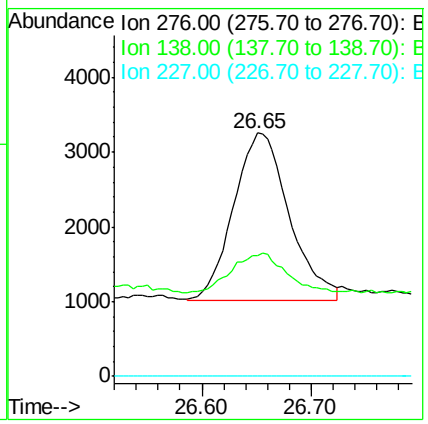
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.322 ng/ul m
RT: 26.65 min Scan# 4354
Delta R.T. 0.02 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

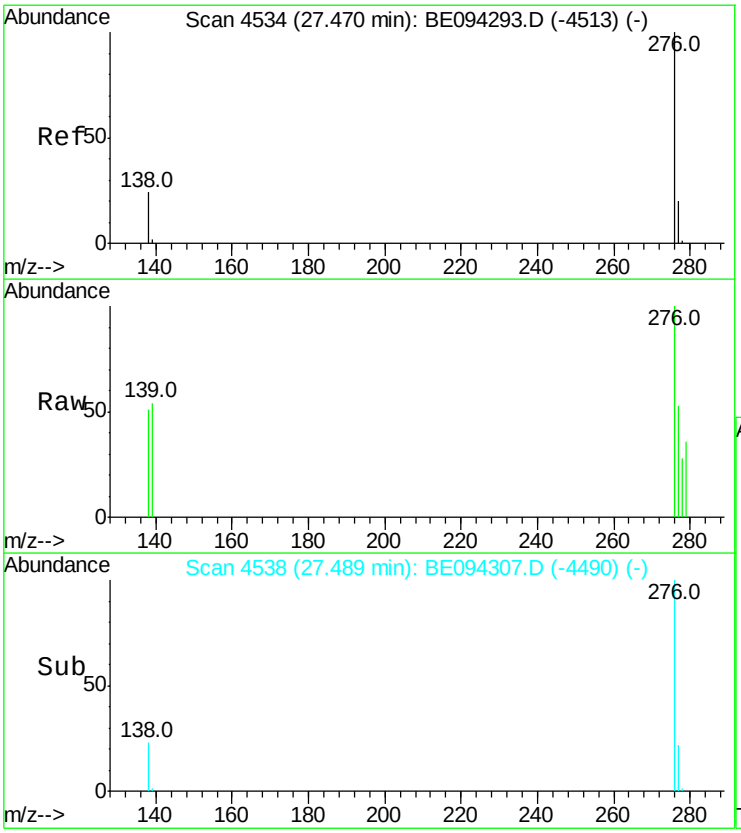
Tgt Ion:276 Resp: 7950

Ion	Ratio	Lower	Upper
276	100		
138	0.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
B-57(2-4)-100317

Manual Integrations APPROVED
Sohil
10/13/2017 12:06:17 PM





#26
Benzo(g,h,i)perylene
Concen: 0.410 ng/ul m
RT: 27.49 min Scan# 4538
Delta R.T. 0.02 min
Lab File: BE094307.D
Acq: 12 Oct 2017 8:11

Tgt Ion:276 Resp: 8730

Ion	Ratio	Lower	Upper
276	100		
138	50.6	21.8	32.8#
277	52.9	20.5	30.7#