Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095253.D
Acq On : 29 Jan 2018 18:55
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

Quant Time: Jan 30 06:04:53 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 04:43:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2501	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	7851	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4614	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	9935	0.40	ng/ul	0.02
16) Chrysene-d12	21.81	240	10468	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10917	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	2007	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	5084	0.13	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	298042	13.557	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	301499	20.538	ng/ul	100
7) Acenaphthylene	14.74	152	6623	0.298	ng/ul#	58
8) Acenaphthene	15.08	153	146318	8.496	ng/ul	96
9) Fluorene	16.02	166	189556	10.673	ng/ul#	72
11) Pentachlorophenol	17.36	266	1770	0.920	ng/ul	95
12) Phenanthrene	17.75	178	1078950	32.291	ng/ul#	84
13) Anthracene	17.85	178	199312	6.517	ng/ul#	91
15) Fluoranthene	19.73	202	780483	18.040	ng/ul	82
17) Pyrene	20.08	202	513735	14.625	ng/ul#	78
18) Benzo(a)anthracene	21.79	228	146443	4.475	ng/ul#	86
19) Chrysene	21.84	228	93638	2.755	ng/ul	96
21) Benzo(b)fluoranthene	23.63	252	59751m	1.551	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	24884m	0.706	ng/ul	
23) Benzo(a)pyrene	24.32	252	36897	1.073	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	27.24	276	11496	0.305	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.25	278	3595	0.117	ng/ul#	93
26) Benzo(g,h,i)perylene	28.12	276	6655	0.208	ng/ul	94

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

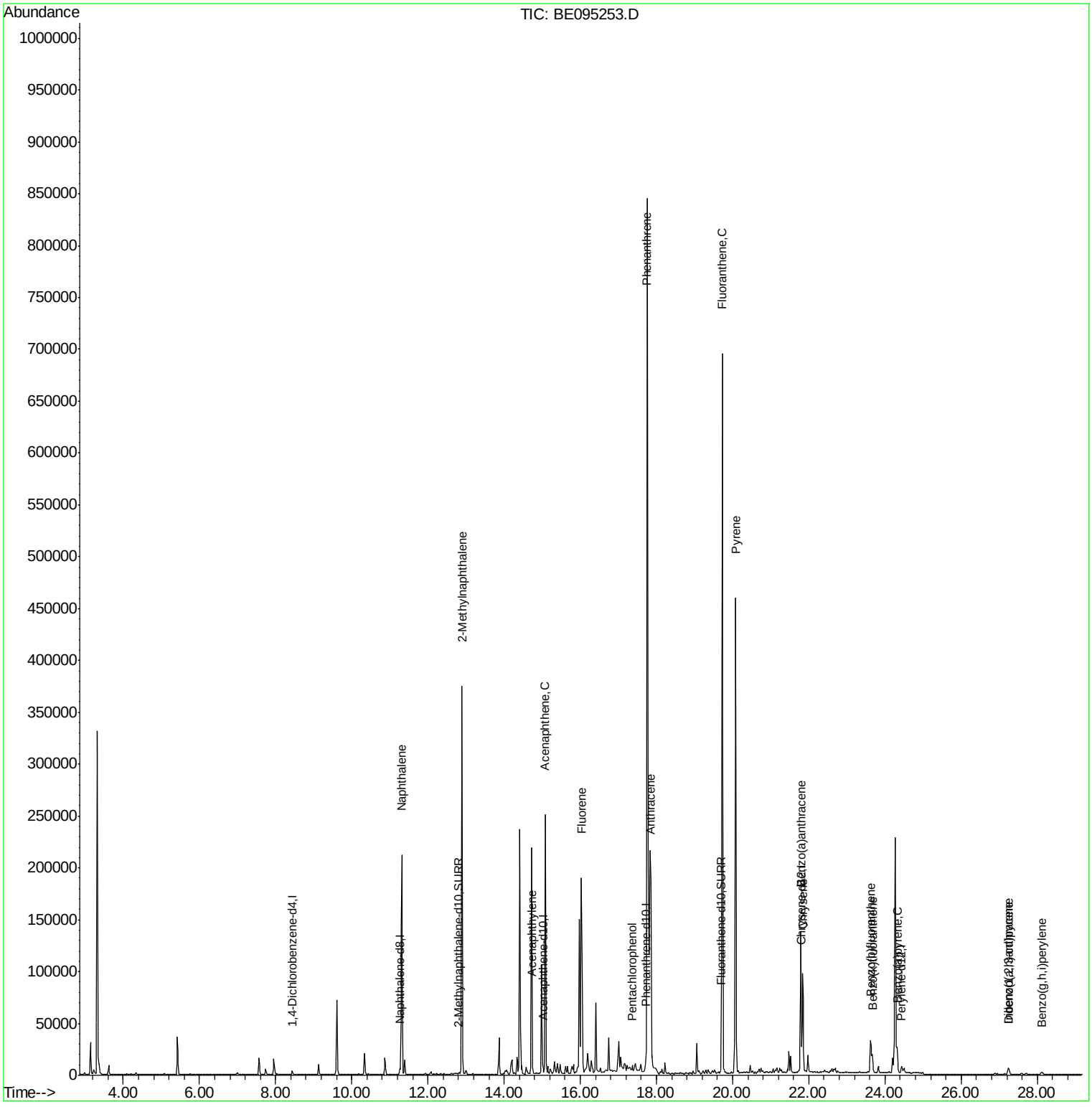
Quantitation Report (QT Reviewed)

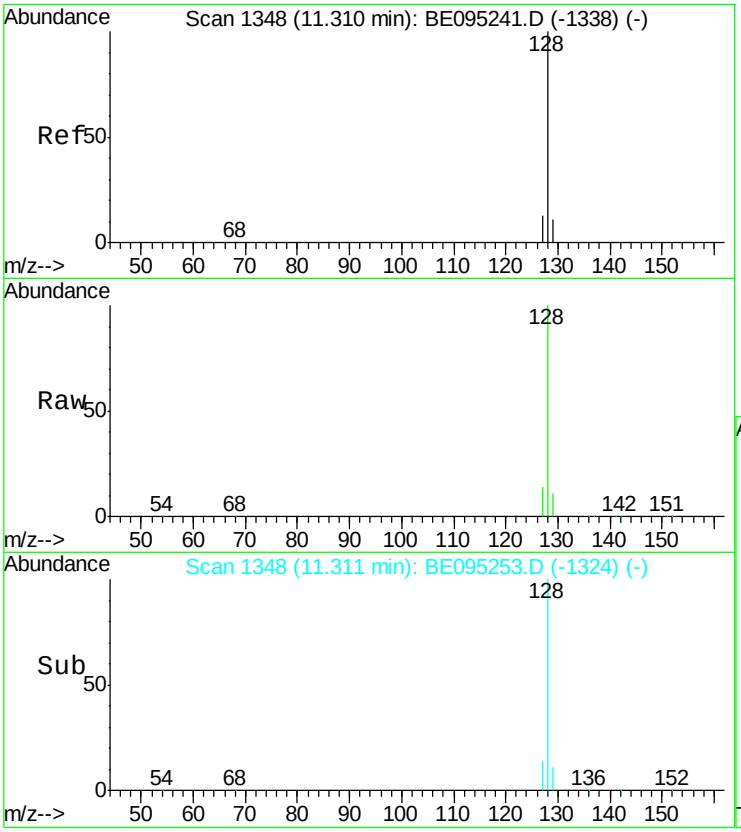
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095253.D
Acq On : 29 Jan 2018 18:55
Operator : SJ/JU
Sample : J1233-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jan 30 06:04:53 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 04:43:36 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM





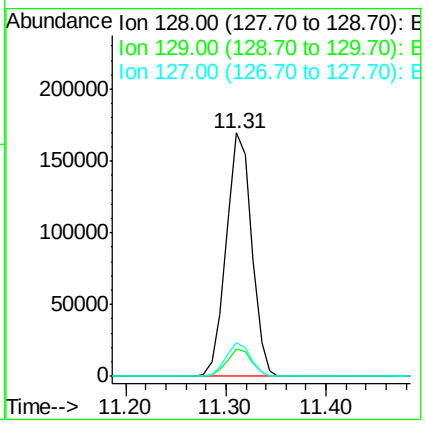
#3
Naphthalene
Concen: 13.557 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

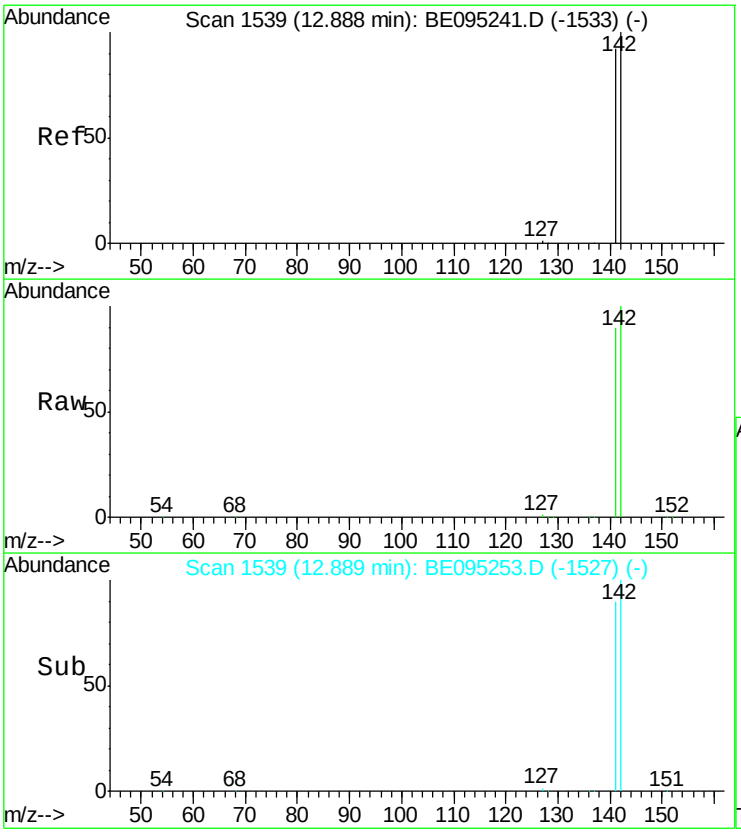
Tgt Ion:128 Resp: 298042

Ion	Ratio	Lower	Upper
128	100		
129	11.0	11.3	16.9#
127	13.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

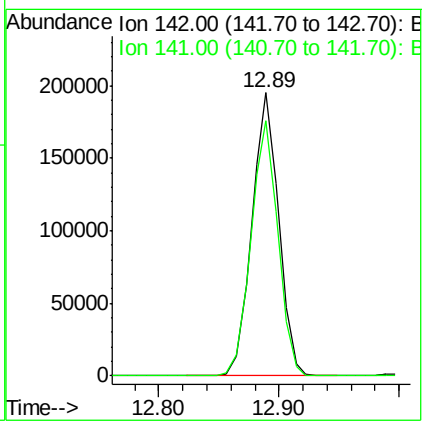


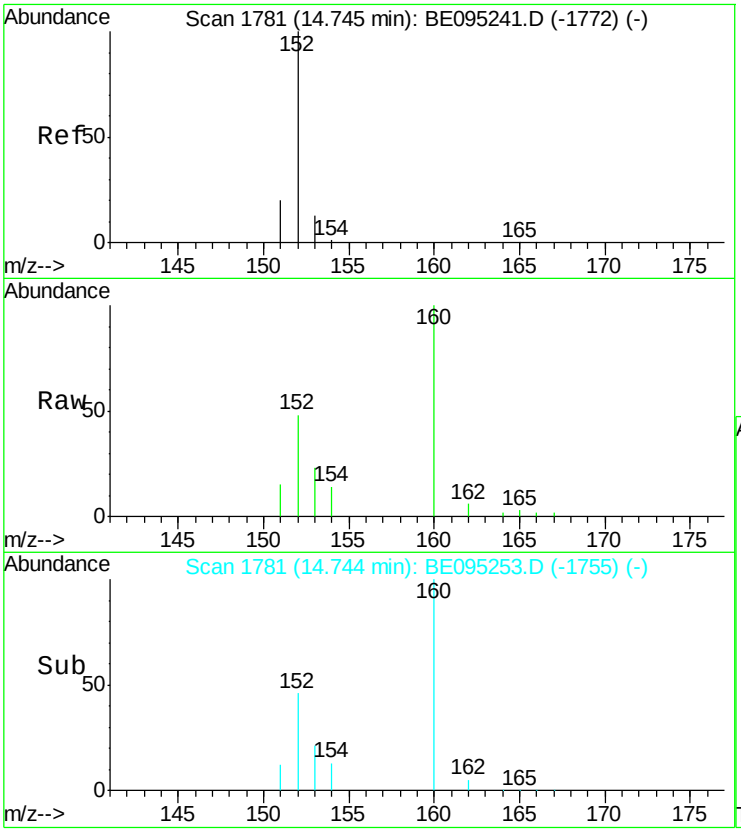


#5
2-Methylnaphthalene
Concen: 20.538 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:142 Resp: 301499

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	108.8

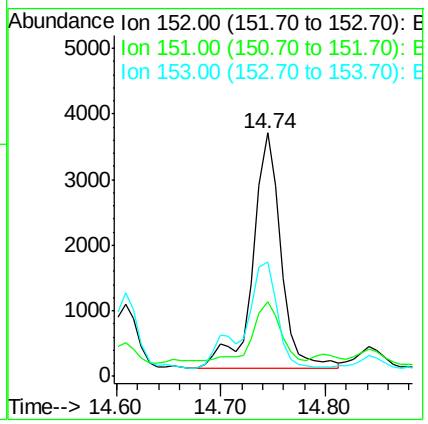




#7
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

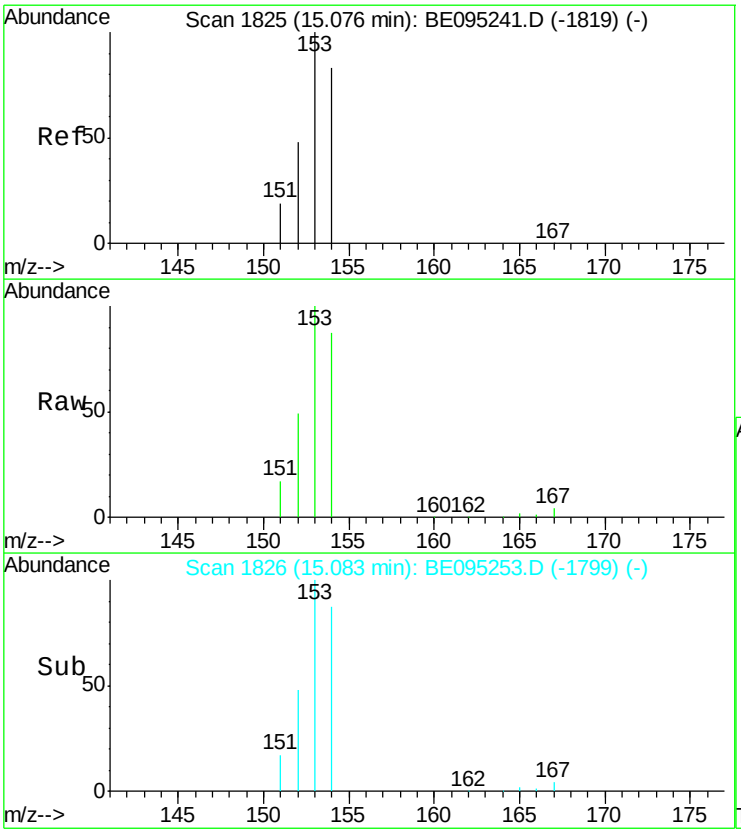
Tgt Ion:152 Resp: 6623

Ion	Ratio	Lower	Upper
152	100		
151	30.6	17.1	25.7#
153	47.0	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
F6B16

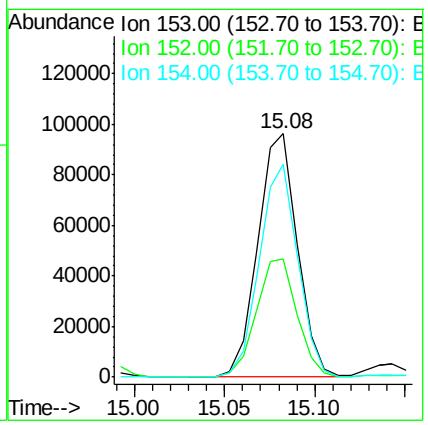
Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

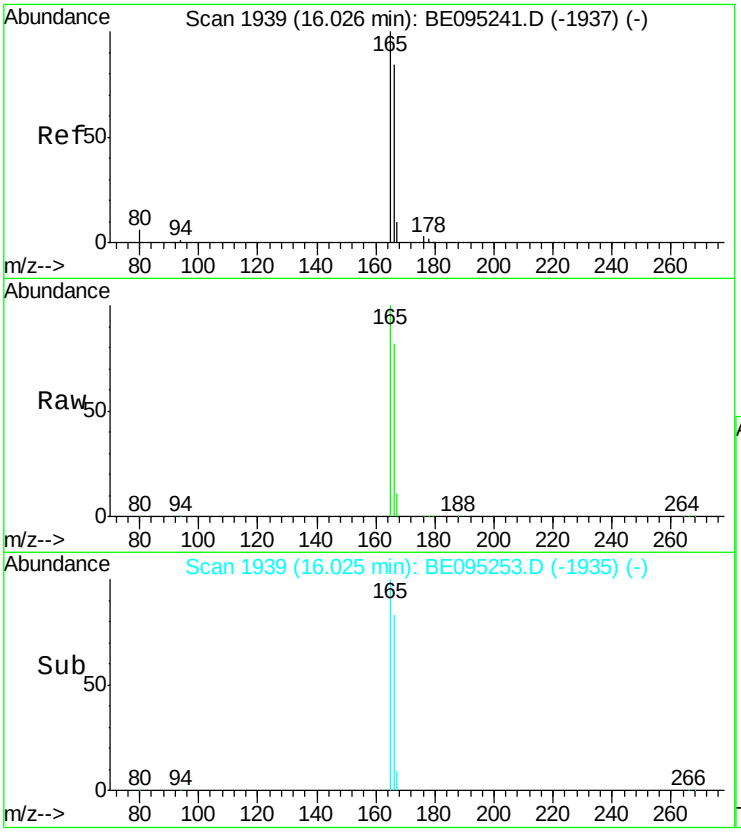


#8
Acenaphthene
Concen: 8.496 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:153 Resp: 146318

Ion	Ratio	Lower	Upper
153	100		
152	48.5	36.0	54.0
154	87.3	72.0	108.0





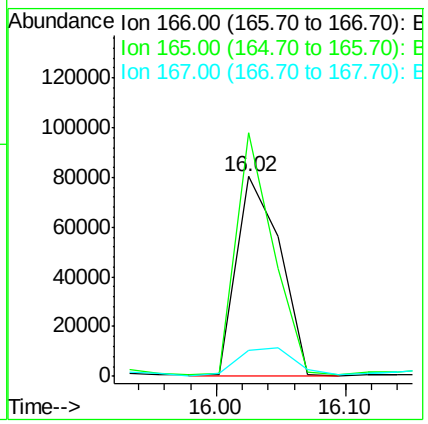
#9
Fluorene
Concen: 10.673 ng/ul
RT: 16.02 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

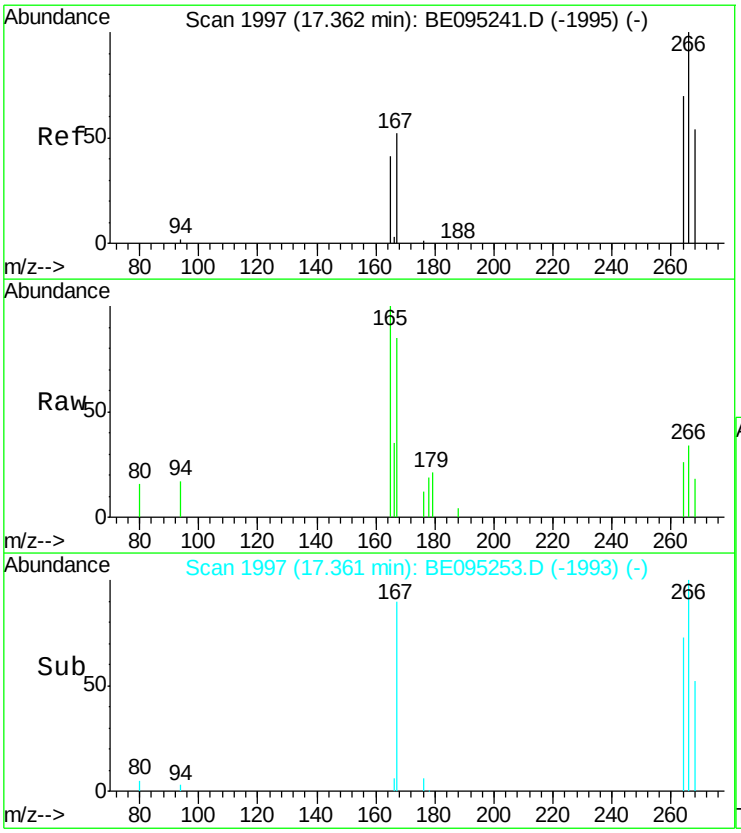
Tgt Ion:166 Resp: 189556

Ion	Ratio	Lower	Upper
166	100		
165	122.0	73.4	110.2#
167	13.2	14.6	22.0#

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

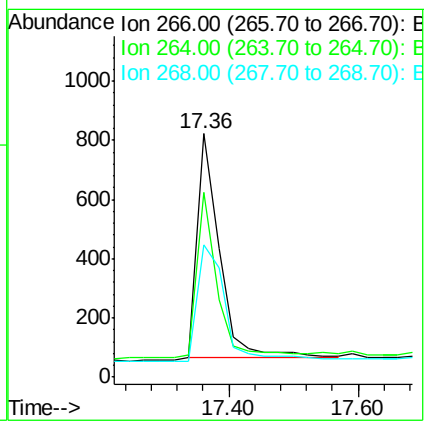


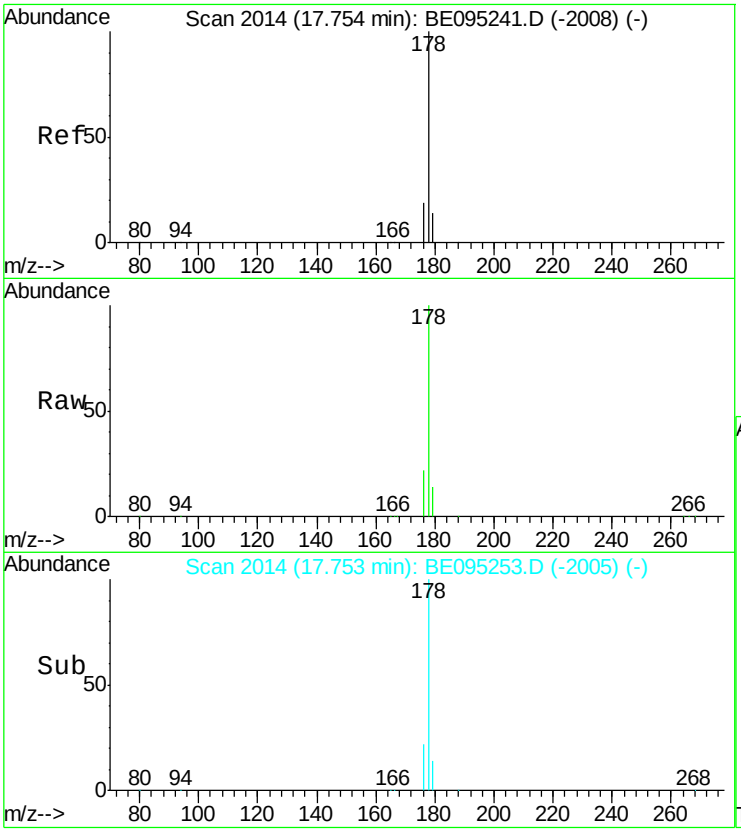


#11
Pentachlorophenol
Concen: 0.920 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:266 Resp: 1770

Ion	Ratio	Lower	Upper
266	100		
264	63.8	47.9	71.9
268	65.9	49.8	74.8





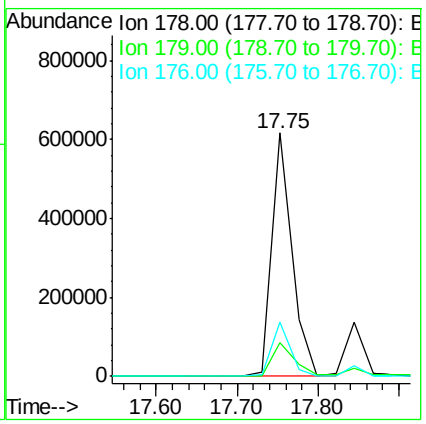
#12
Phenanthrene
Concen: 32.291 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

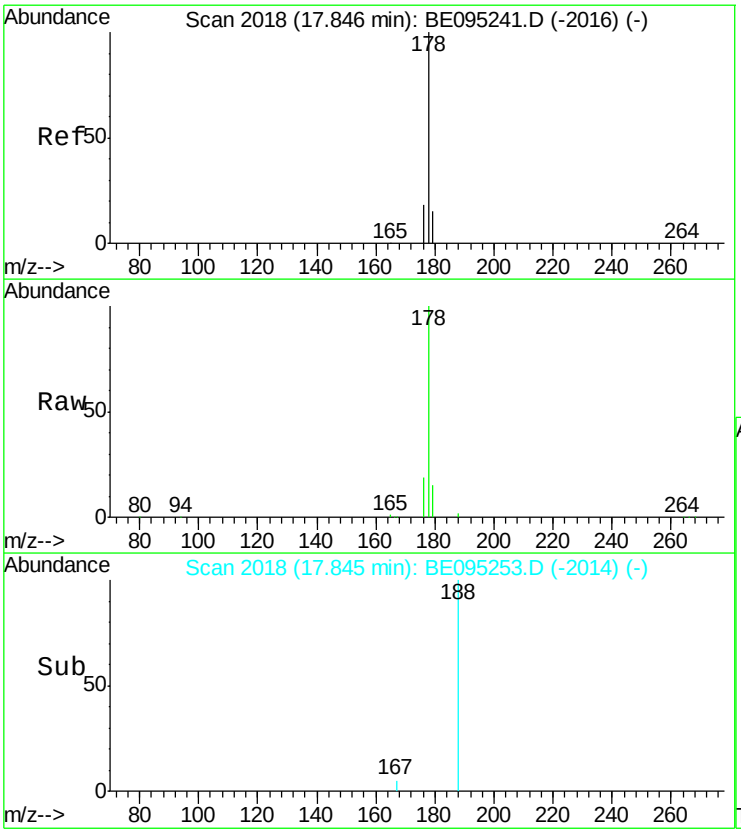
Tgt Ion:178 Resp: 1078950

Ion	Ratio	Lower	Upper
178	100		
179	13.9	18.4	27.6#
176	22.4	13.6	20.4#

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

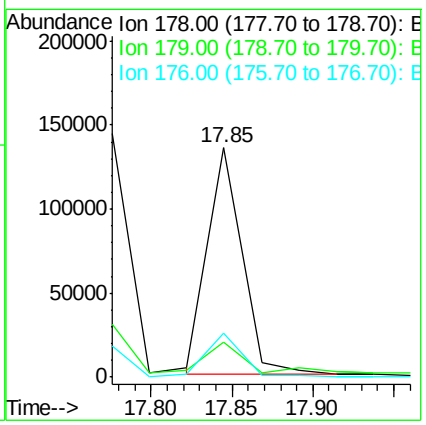


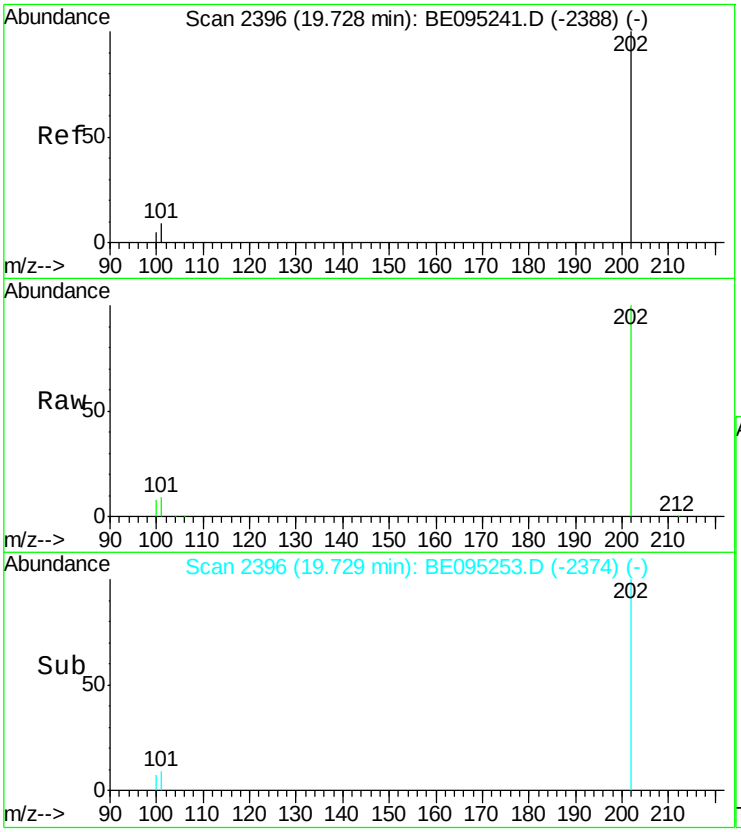


#13
Anthracene
Concen: 6.517 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:178 Resp: 199312

Ion	Ratio	Lower	Upper
178	100		
179	15.3	18.1	27.1#
176	19.2	14.7	22.1

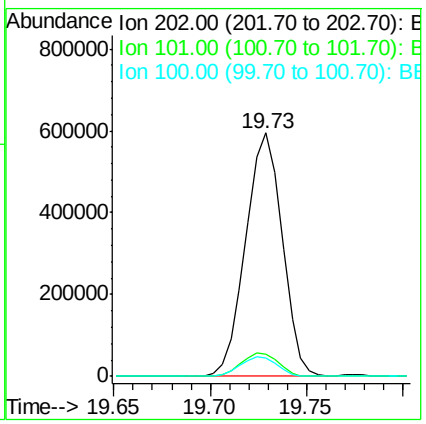




#15
Fluoranthene
Concen: 18.040 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

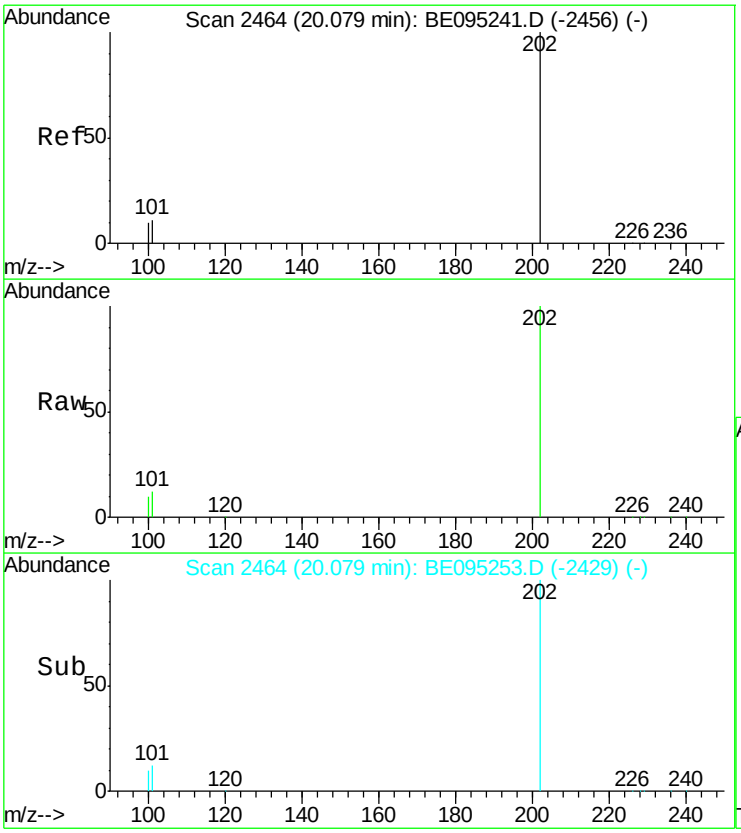
Tgt Ion:202 Resp: 780483

Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	30.3
100	7.5	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6B16

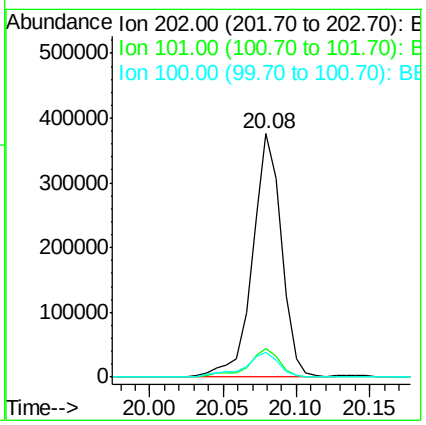
Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

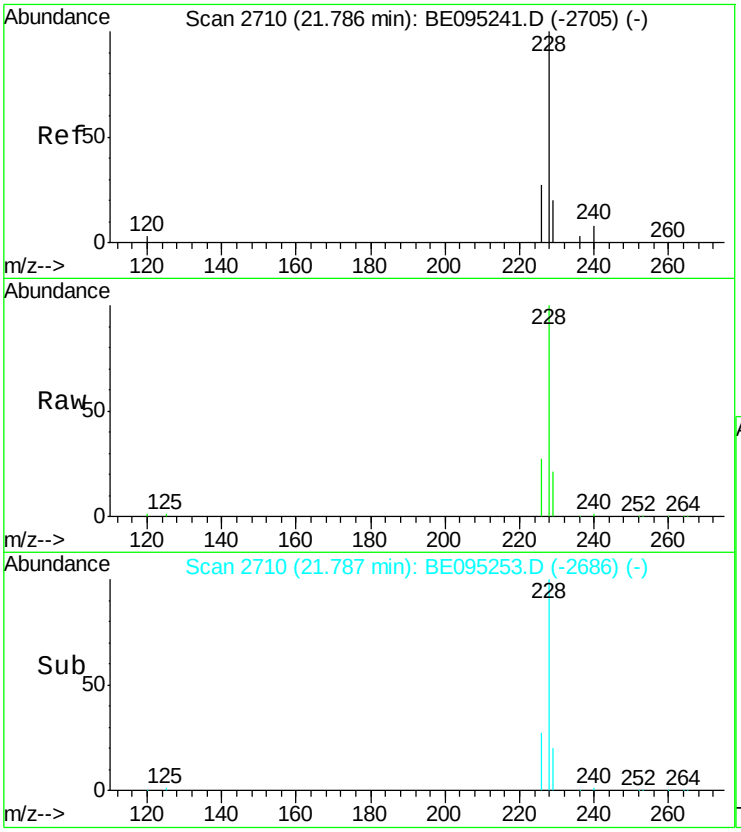


#17
Pyrene
Concen: 14.625 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:202 Resp: 513735

Ion	Ratio	Lower	Upper
202	100		
101	11.6	18.2	27.4#
100	10.4	15.6	23.4#





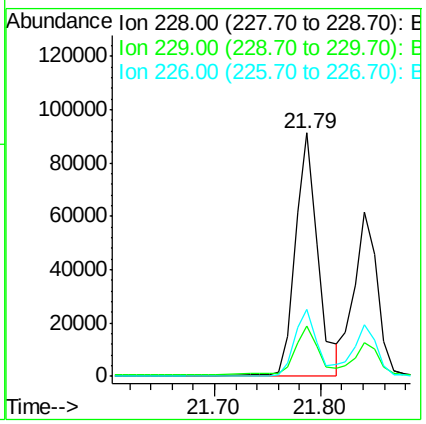
#18
Benzo(a)anthracene
Concen: 4.475 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

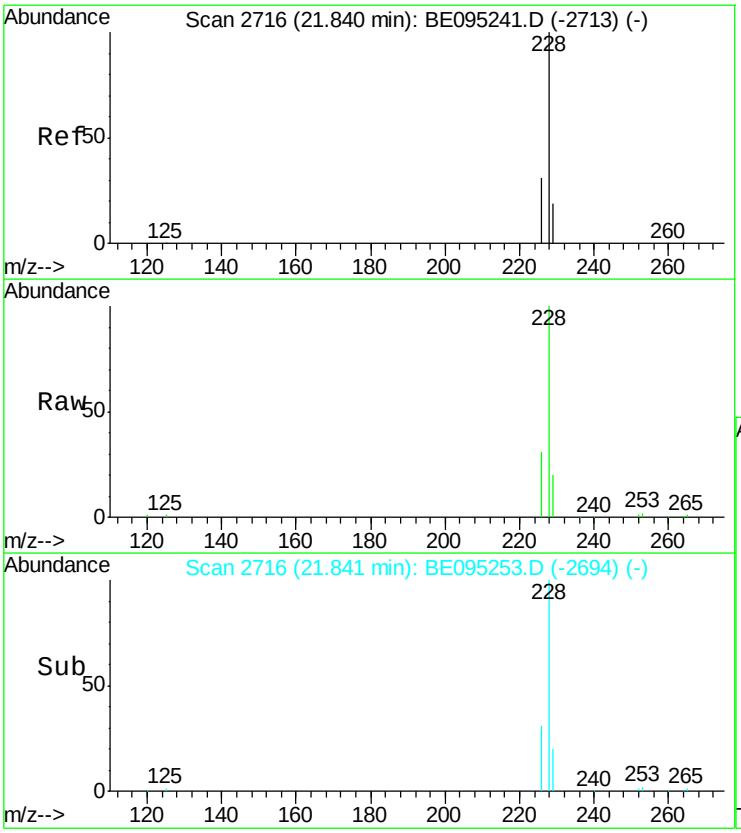
Tgt Ion:228 Resp: 146443

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	27.5	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

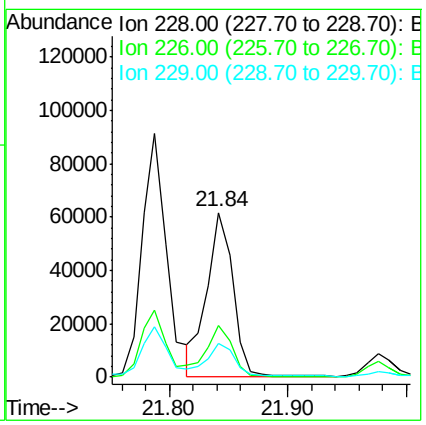


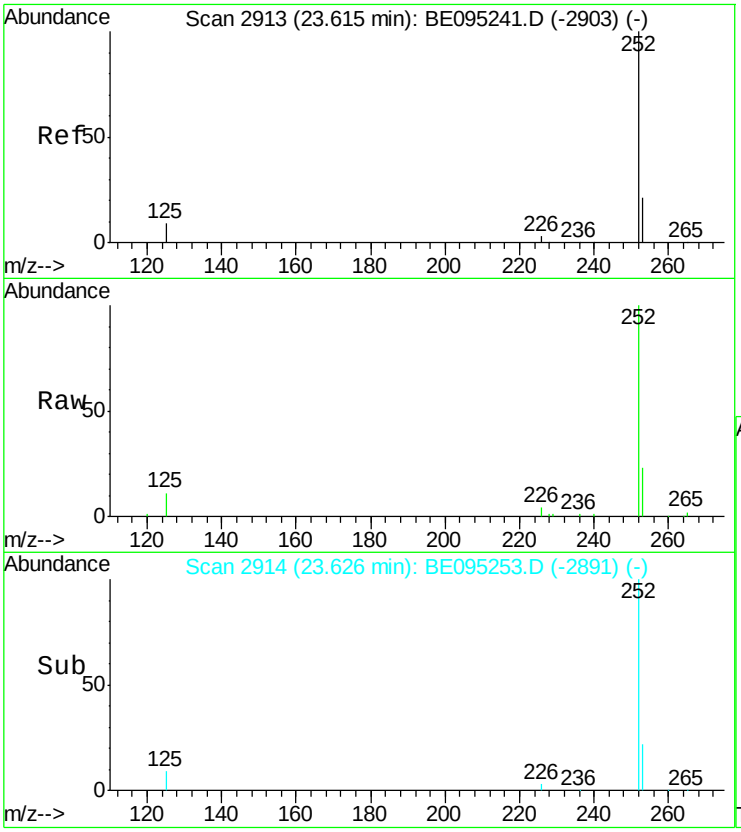


#19
Chrysene
Concen: 2.755 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:228 Resp: 93638

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	20.5	17.7	26.5

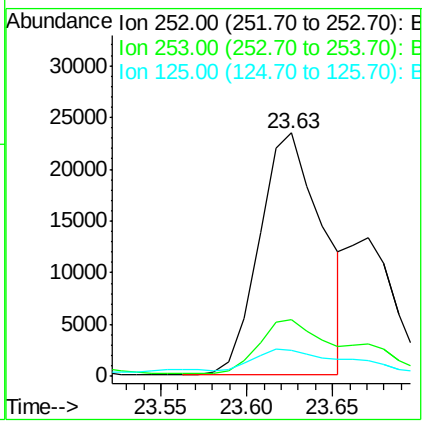




#21
Benzo(b)fluoranthene
Concen: 1.551 ng/ul m
RT: 23.63 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

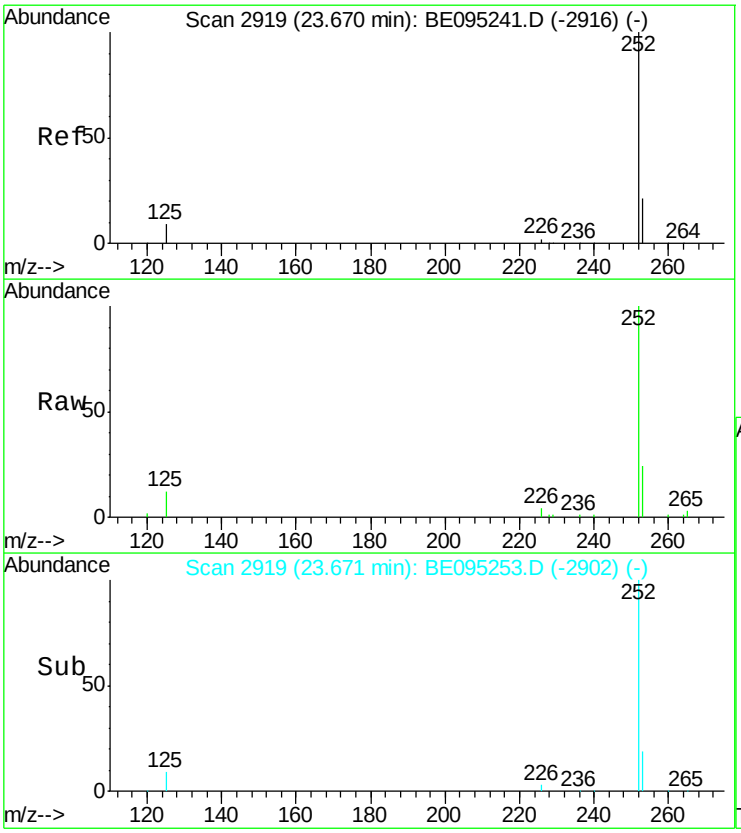
Tgt Ion:252 Resp: 59751

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	64.2
125	10.8	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6B16

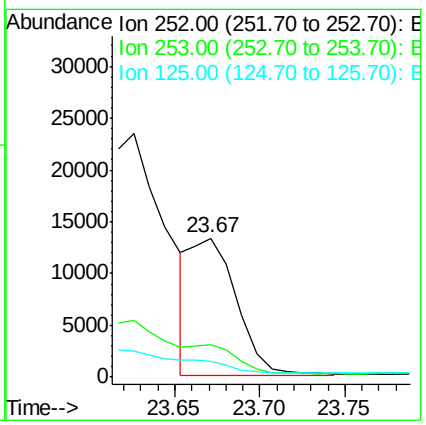
Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

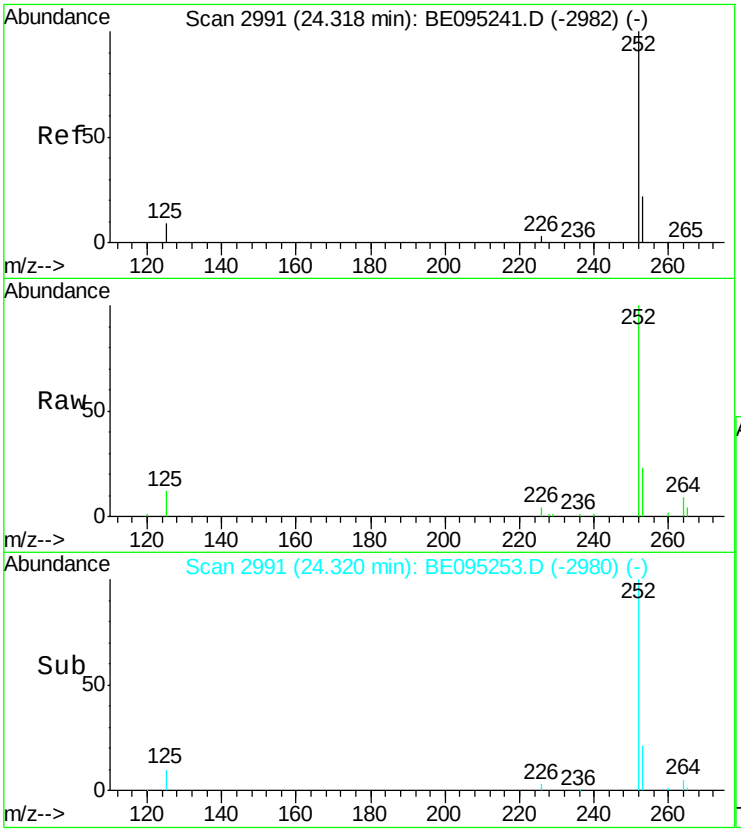


#22
Benzo(k)fluoranthene
Concen: 0.706 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:252 Resp: 24884

Ion	Ratio	Lower	Upper
252	100		
253	23.6	24.5	36.7#
125	11.7	13.7	20.5#





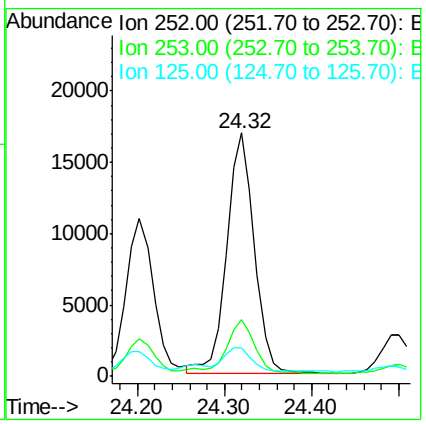
#23
Benzo(a)pyrene
Concen: 1.073 ng/ul
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

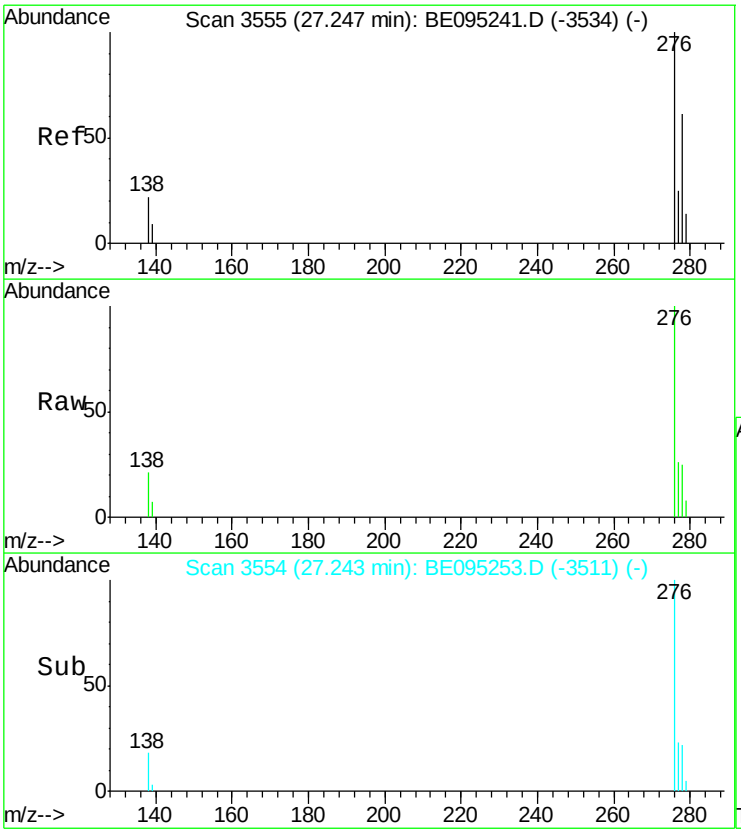
Tgt Ion:252 Resp: 36897

Ion	Ratio	Lower	Upper
252	100		
253	23.1	28.5	42.7#
125	11.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM

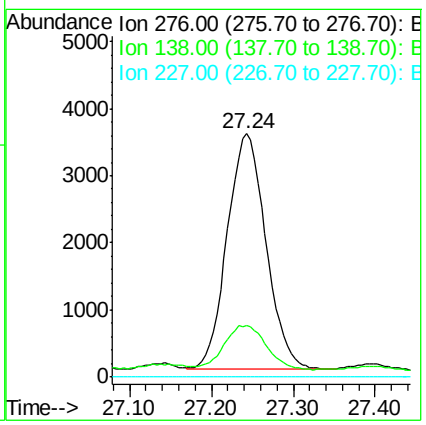


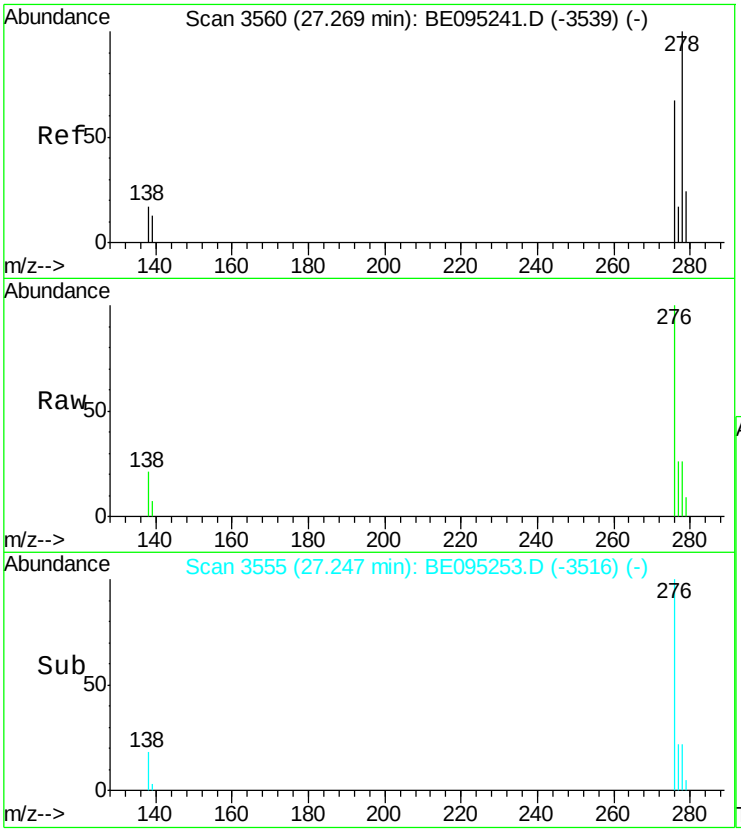


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 27.24 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:276 Resp: 11496

Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

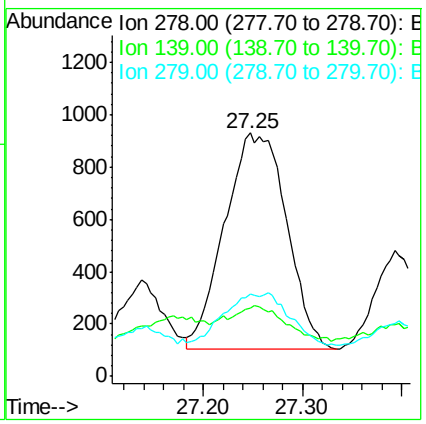




#25
Dibenzo(a,h)anthracene
Concen: 0.117 ng/ul
RT: 27.25 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

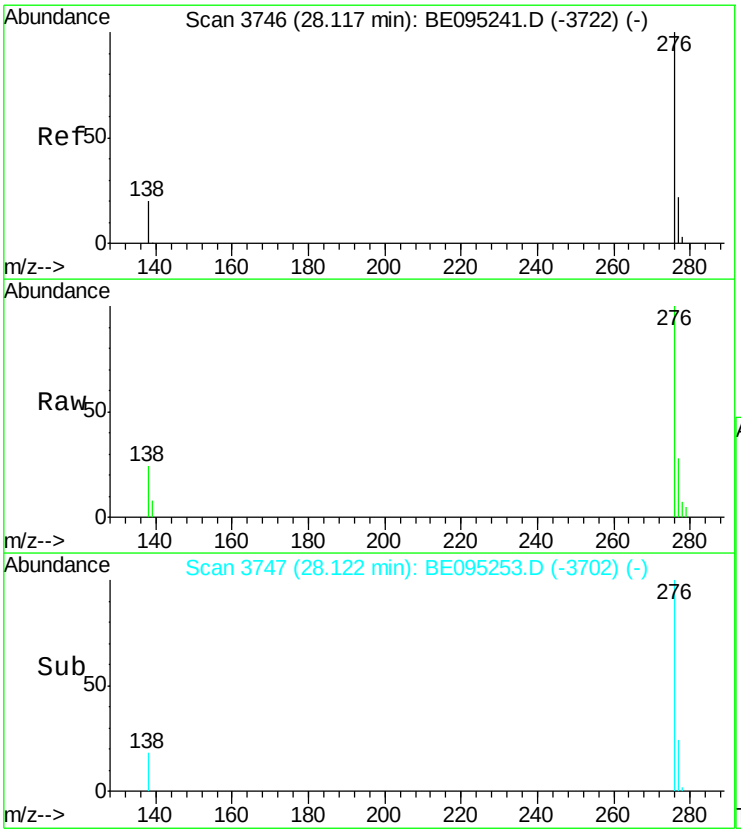
Tgt Ion:278 Resp: 3595

Ion	Ratio	Lower	Upper
278	100		
139	28.0	17.4	26.0#
279	33.6	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
F6B16

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:12 PM



#26
Benzo(g,h,i)perylene
Concen: 0.208 ng/ul
RT: 28.12 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095253.D
Acq: 29 Jan 2018 18:55

Tgt Ion:276 Resp: 6655

Ion	Ratio	Lower	Upper
276	100		
138	23.9	21.8	32.8
277	27.9	20.5	30.7