Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE020218\
Data File : BE095401.D
Acq On : 2 Feb 2018 17:36
Operator : SJ/JU
Sample : J1243-06DL 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F6B29DL

Manual Integrations APPROVED
Sohil
2/5/2018 5:48:00 PM

Quant Time: Feb 03 04:47:51 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 03 04:31:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	1268m	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5263	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3156	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7022	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7261	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7375	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	569	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	1547	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	874	0.059	ng/ul#	76
5) 2-Methylnaphthalene	12.89	142	728	0.074	ng/ul	99
7) Acenaphthylene	14.74	152	3188	0.210	ng/ul	99
8) Acenaphthene	15.08	153	1069	0.091	ng/ul#	95
9) Fluorene	16.02	166	1631	0.134	ng/ul	85
11) Pentachlorophenol	17.36	266	25436	18.702	ng/ul	97
12) Phenanthrene	17.75	178	20389	0.863	ng/ul#	90
13) Anthracene	17.85	178	30455	1.409	ng/ul#	92
15) Fluoranthene	19.72	202	95108	3.110	ng/ul	82
17) Pyrene	20.08	202	86140	3.535	ng/ul#	77
18) Benzo(a)anthracene	21.79	228	19039	0.839	ng/ul#	88
19) Chrysene	21.84	228	19705	0.836	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	23911m	0.919	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	6853m	0.288	ng/ul	
23) Benzo(a)pyrene	24.31	252	10600	0.456	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	27.23	276	6811	0.267	ng/ul#	74
25) Dibenzo(a,h)anthracene	27.23	278	1615	0.077	ng/ul#	76
26) Benzo(g,h,i)perylene	28.12	276	5037	0.233	ng/ul	96

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

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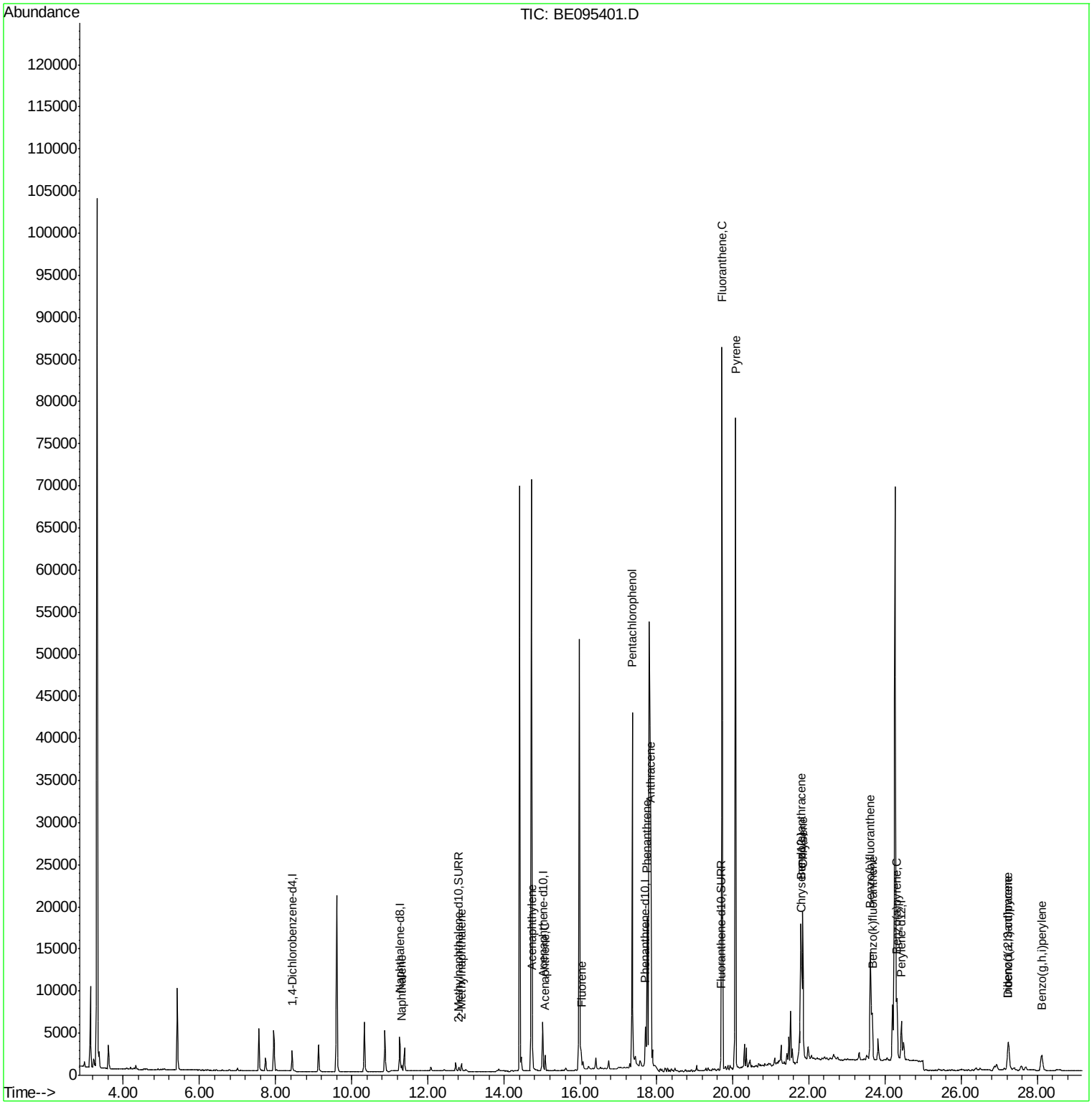
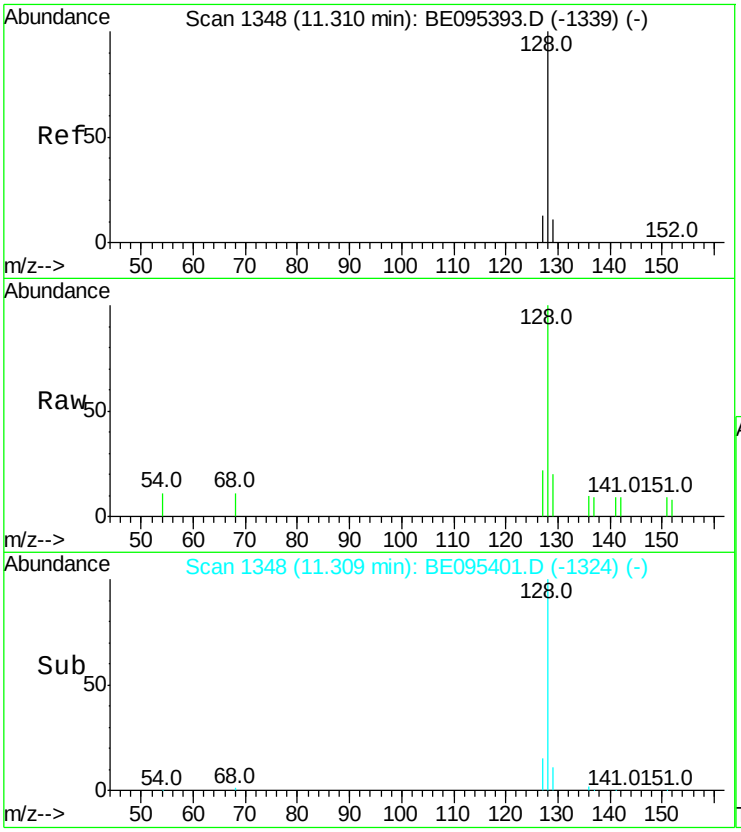
Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
Sohil
2/5/2018 5:48:00 PM





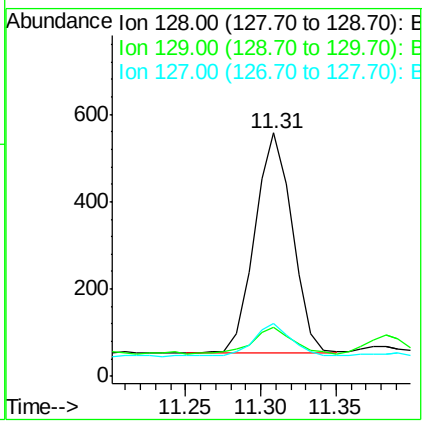
#3
Naphthalene
Concen: 0.059 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

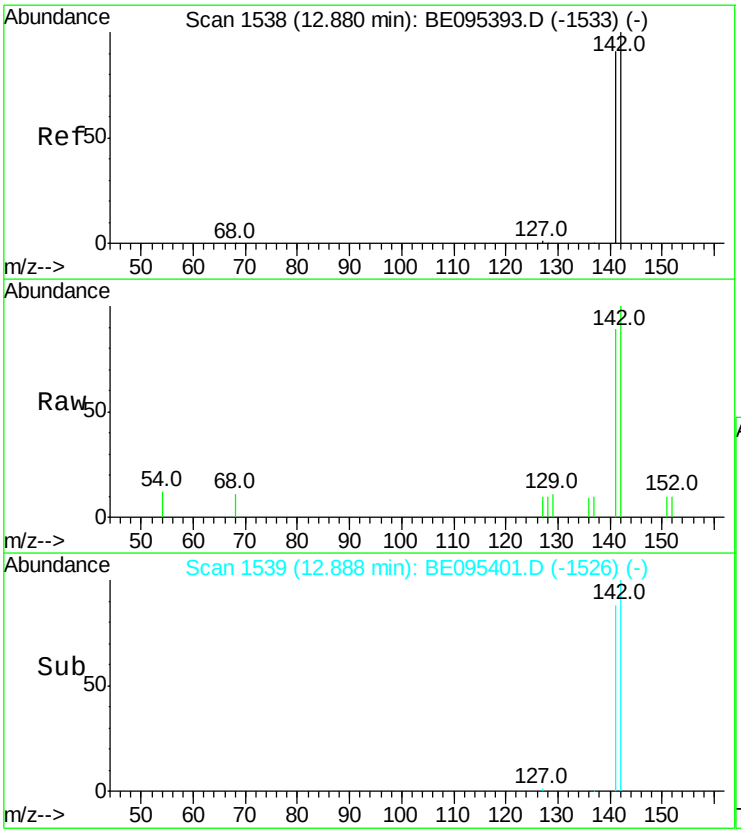
Tgt Ion:128 Resp: 874

Ion	Ratio	Lower	Upper
128	100		
129	19.9	11.3	16.9#
127	21.9	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
Sohil
2/5/2018 5:48:00 PM

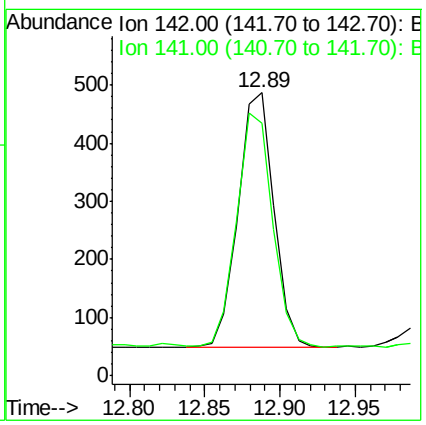


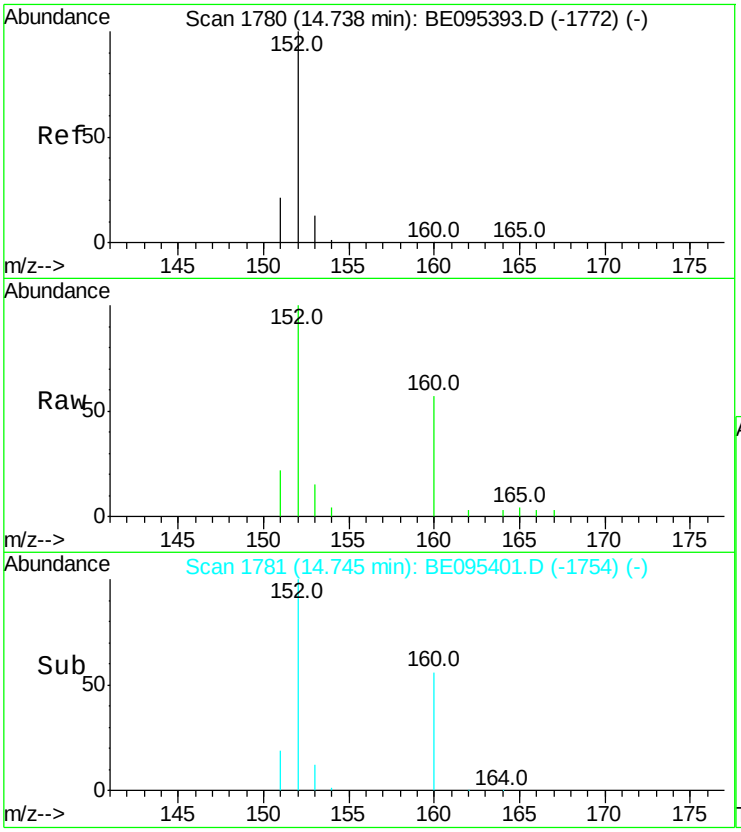


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:142 Resp: 728

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	108.8





#7
Acenaphthylene
Concen: 0.210 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. 0.01 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:152 Resp: 3188

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7
153	15.3	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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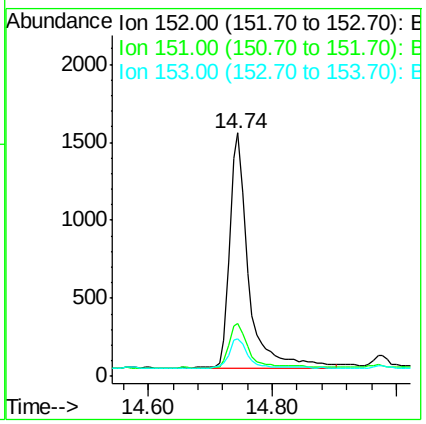
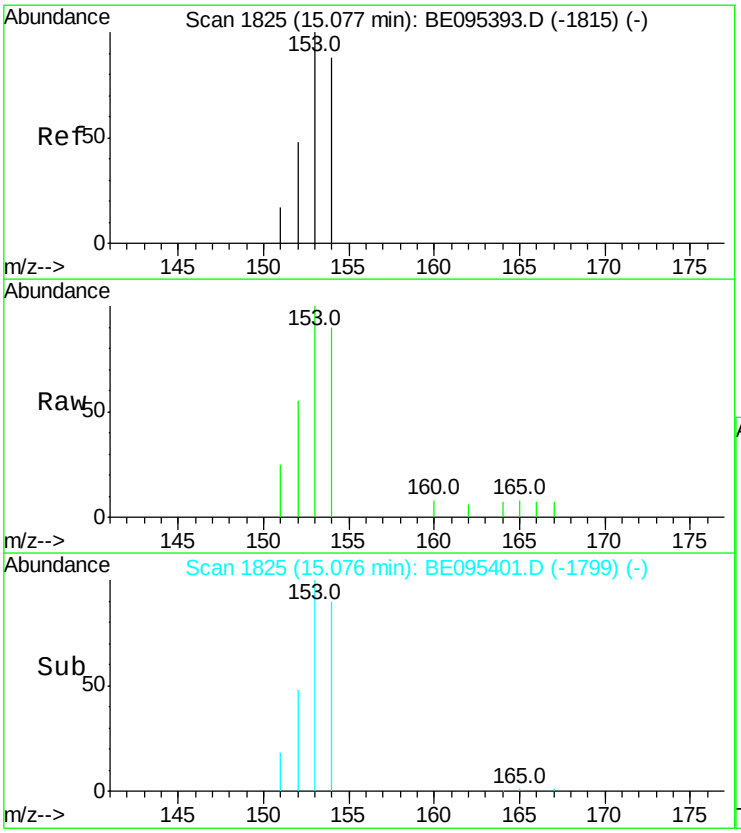
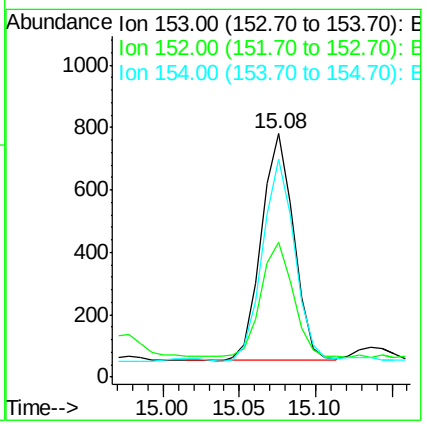


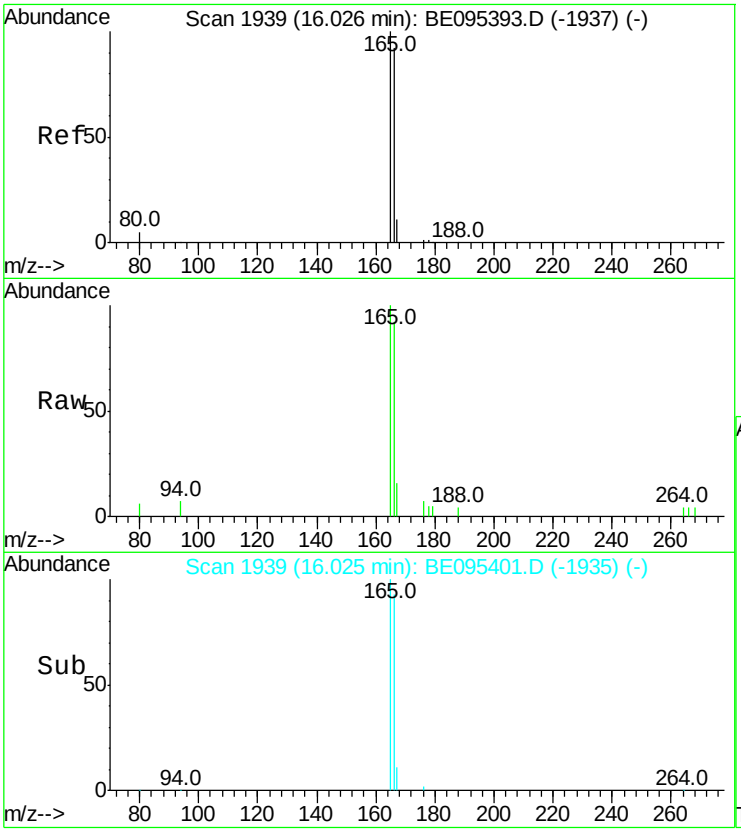


#8
Acenaphthene
Concen: 0.091 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:153 Resp: 1069

Ion	Ratio	Lower	Upper
153	100		
152	55.4	36.0	54.0#
154	89.8	72.0	108.0

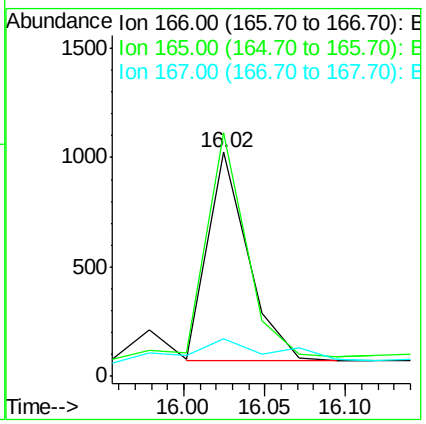




#9
Fluorene
Concen: 0.134 ng/ul
RT: 16.02 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:166 Resp: 1631

Ion	Ratio	Lower	Upper
166	100		
165	108.7	73.4	110.2
167	17.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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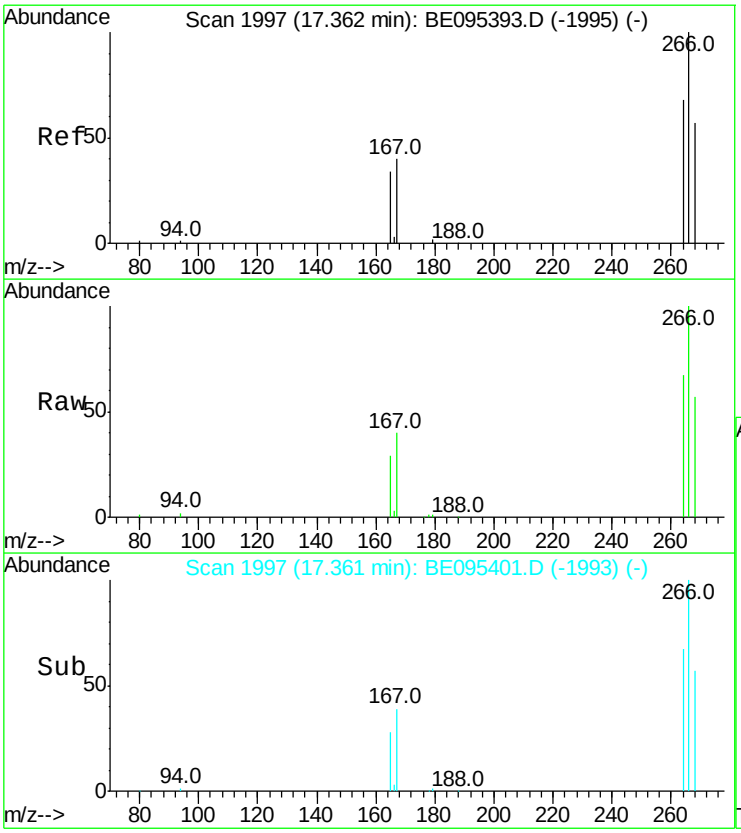
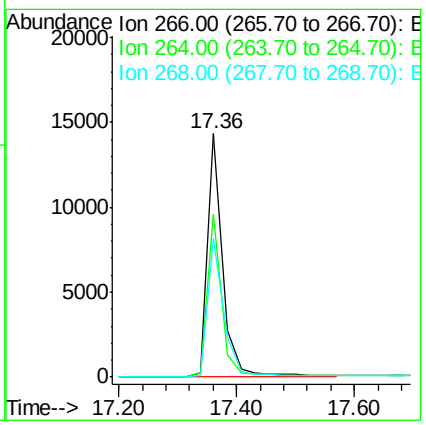
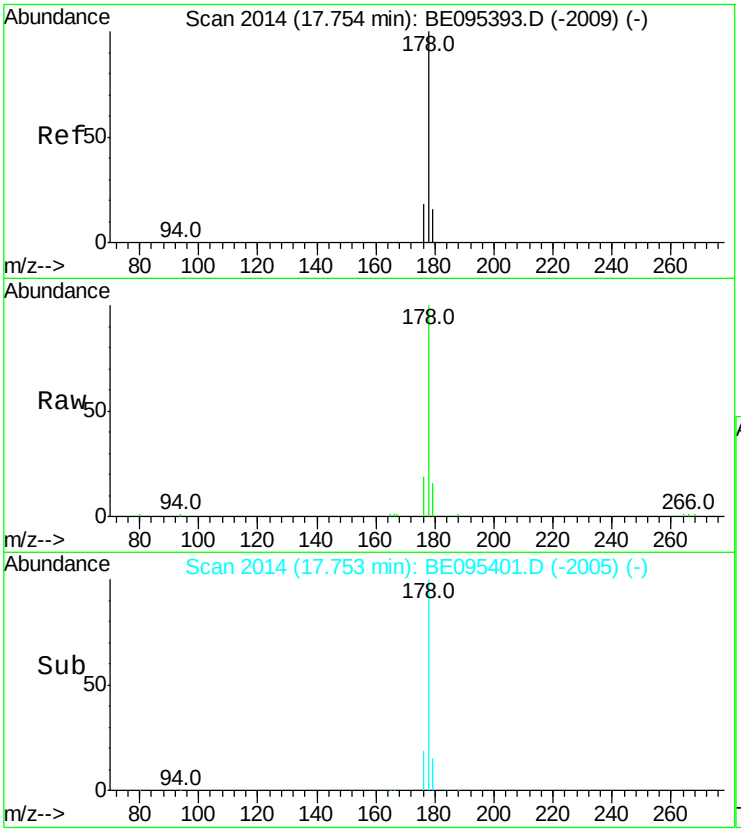


#11
Pentachlorophenol
Concen: 18.702 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:266 Resp: 25436

Ion	Ratio	Lower	Upper
266	100		
264	63.9	47.9	71.9
268	61.6	49.8	74.8

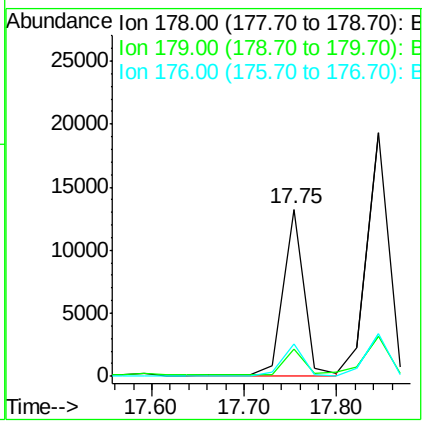




#12
Phenanthrene
Concen: 0.863 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:178 Resp: 20389

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.4	27.6#
176	19.2	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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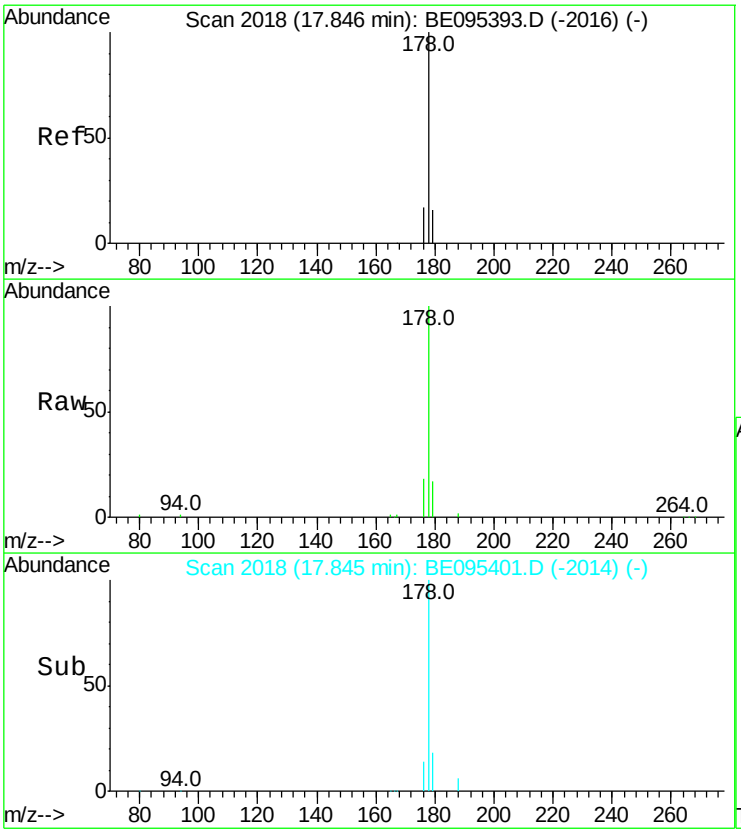
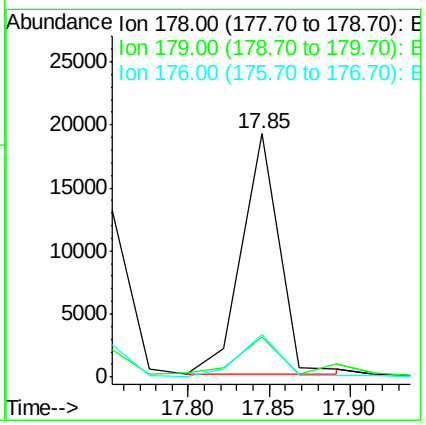
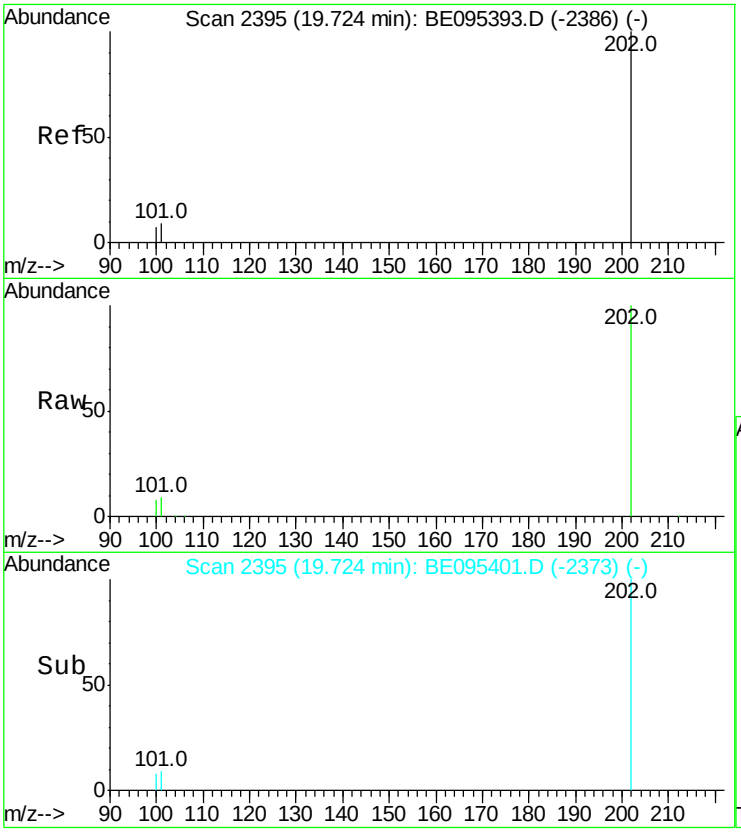


#13
Anthracene
Concen: 1.409 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:178 Resp: 30455

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.1	27.1#
176	17.5	14.7	22.1

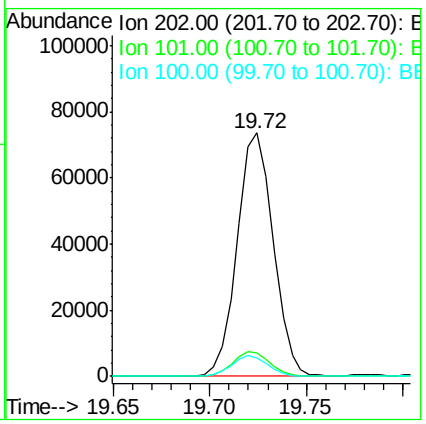




#15
Fluoranthene
Concen: 3.110 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:202 Resp: 95108

Ion	Ratio	Lower	Upper
202	100		
101	9.4	0.0	30.3
100	7.7	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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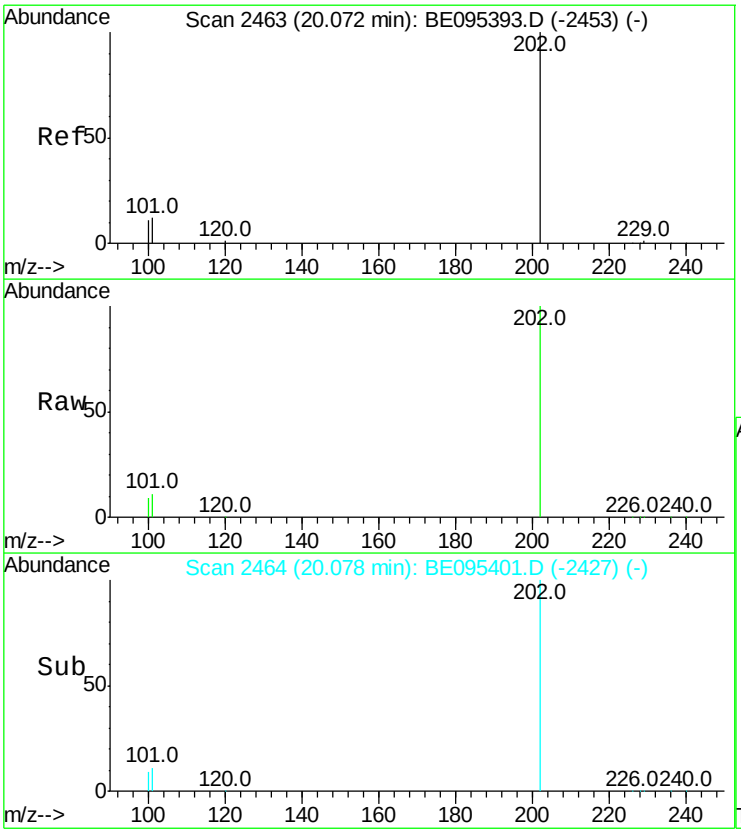
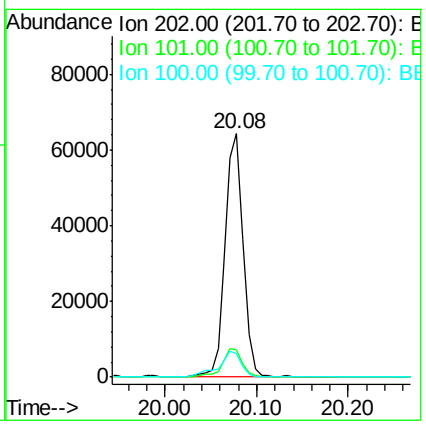
2/5/2018 5:48:00 PM

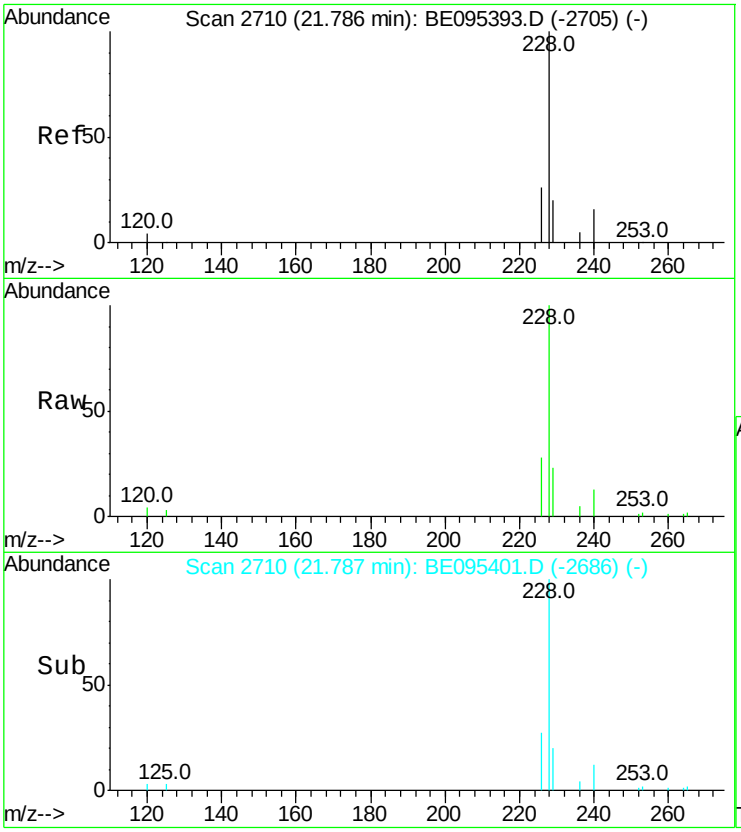


#17
Pyrene
Concen: 3.535 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.01 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:202 Resp: 86140

Ion	Ratio	Lower	Upper
202	100		
101	11.0	18.2	27.4#
100	9.5	15.6	23.4#

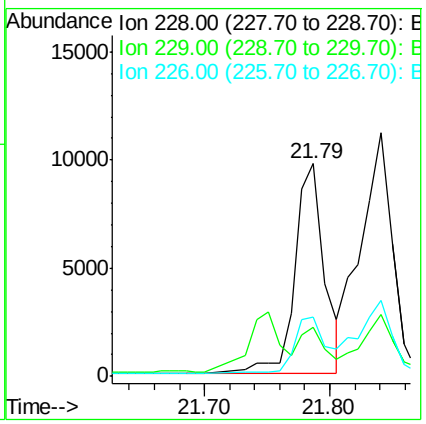




#18
Benzo(a)anthracene
Concen: 0.839 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:228 Resp: 19039

Ion	Ratio	Lower	Upper
228	100		
229	23.0	22.8	34.2
226	27.9	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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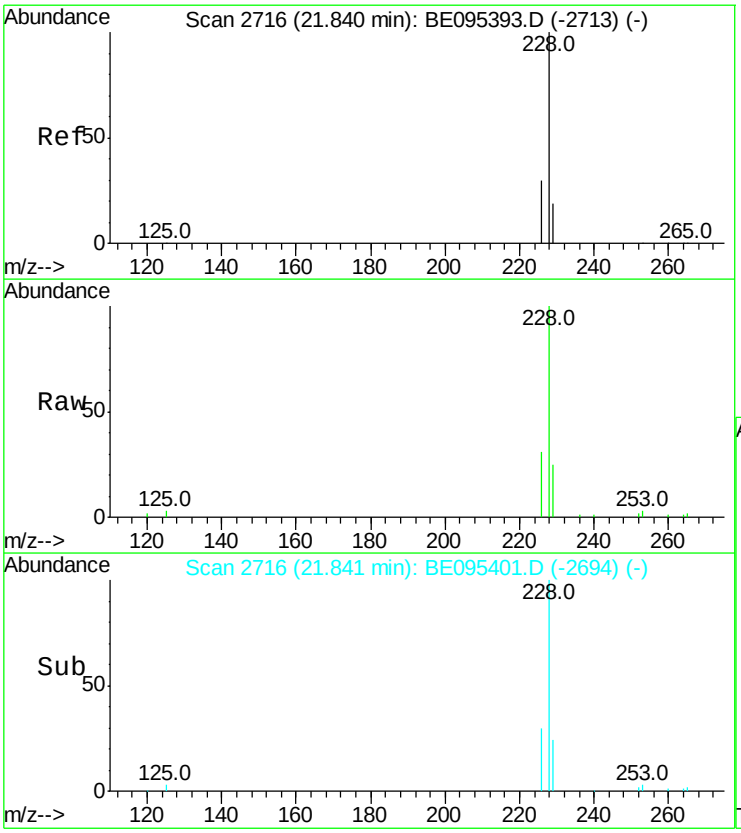
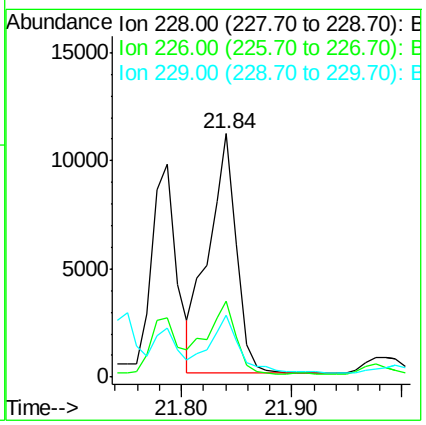
2/5/2018 5:48:00 PM

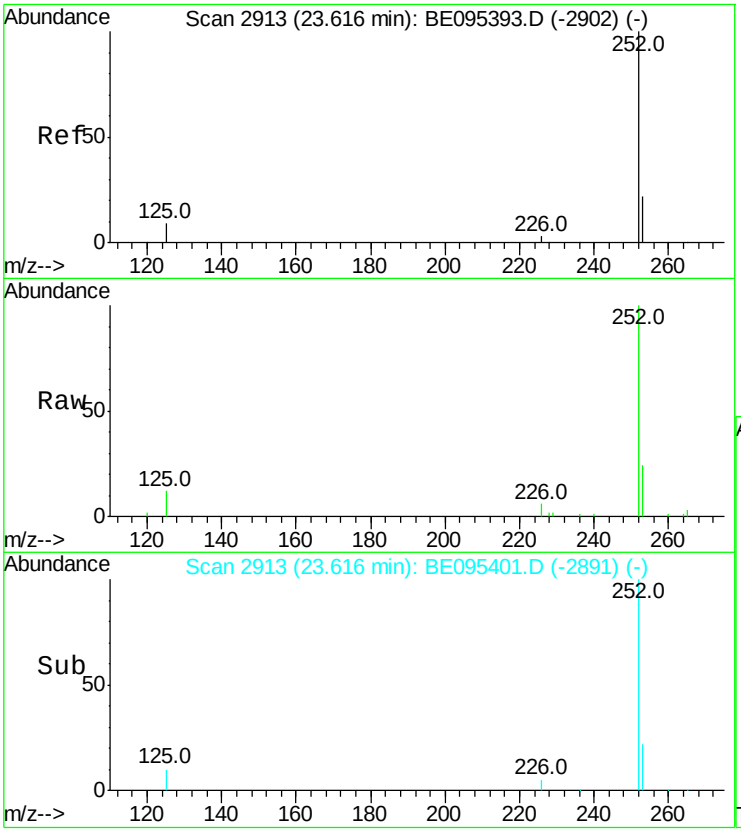


#19
Chrysene
Concen: 0.836 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:228 Resp: 19705

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	25.4	17.7	26.5

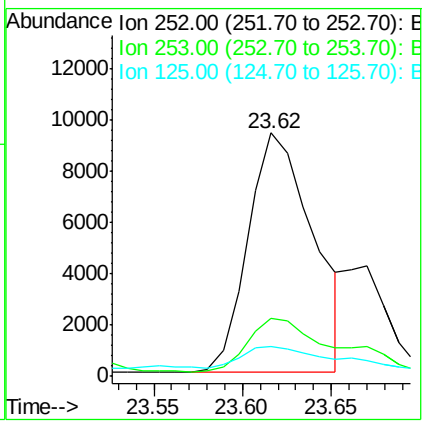




#21
Benzo(b)fluoranthene
Concen: 0.919 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:252 Resp: 23911

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	12.4	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
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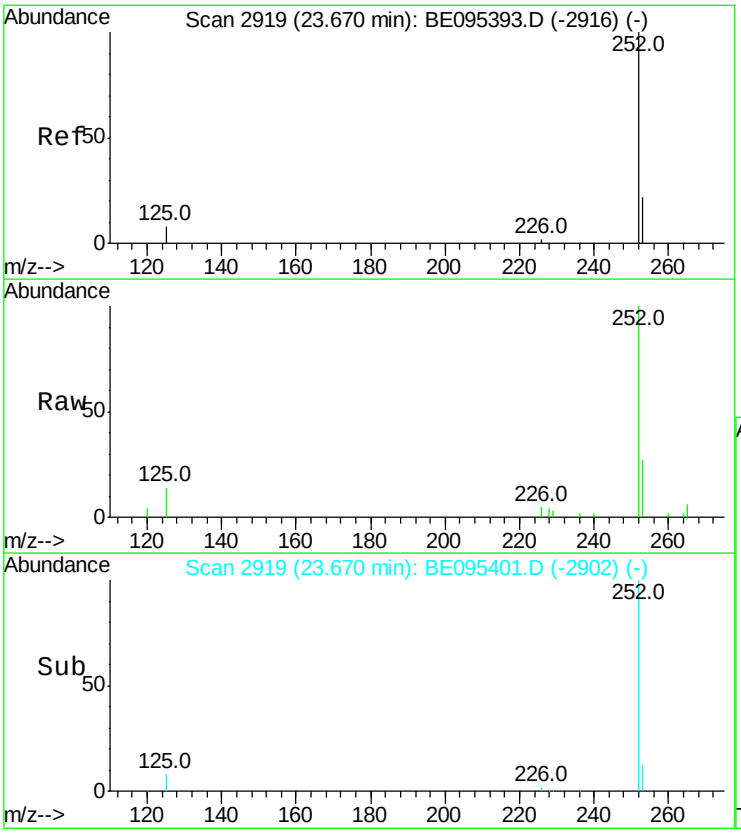
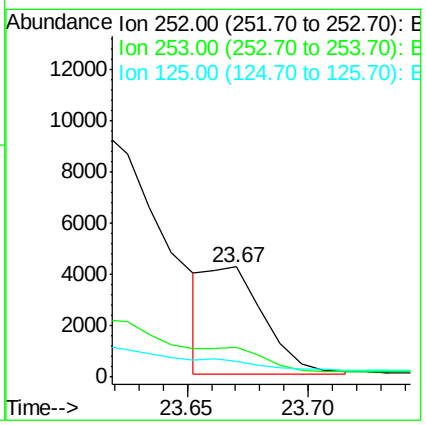
2/5/2018 5:48:00 PM

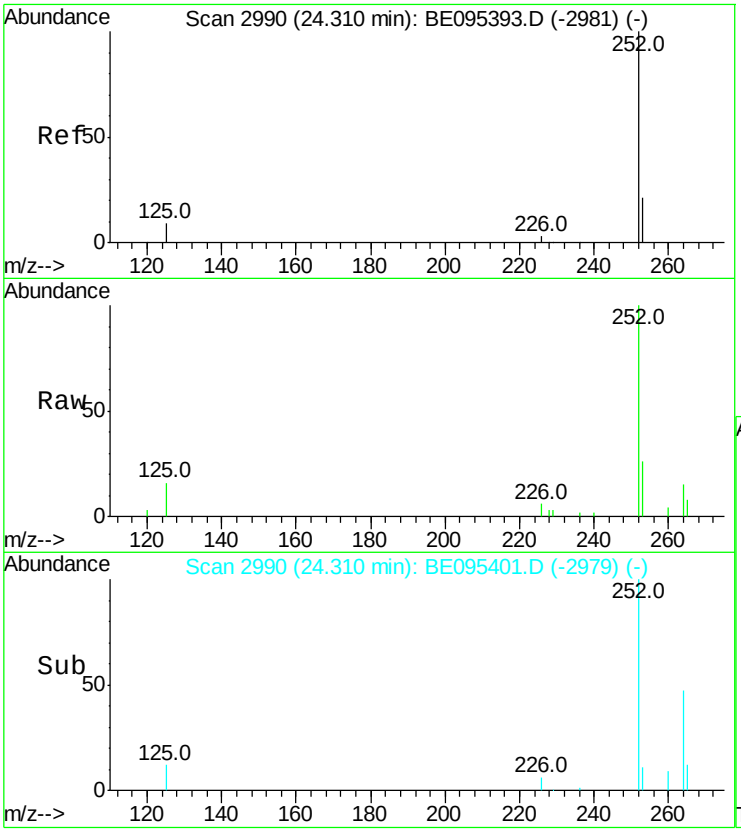


#22
Benzo(k)fluoranthene
Concen: 0.288 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:252 Resp: 6853

Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	14.1	13.7	20.5

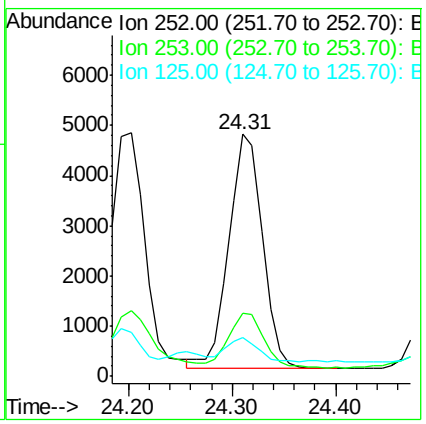




#23
Benzo(a)pyrene
Concen: 0.456 ng/ul
RT: 24.31 min Scan# 2990
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

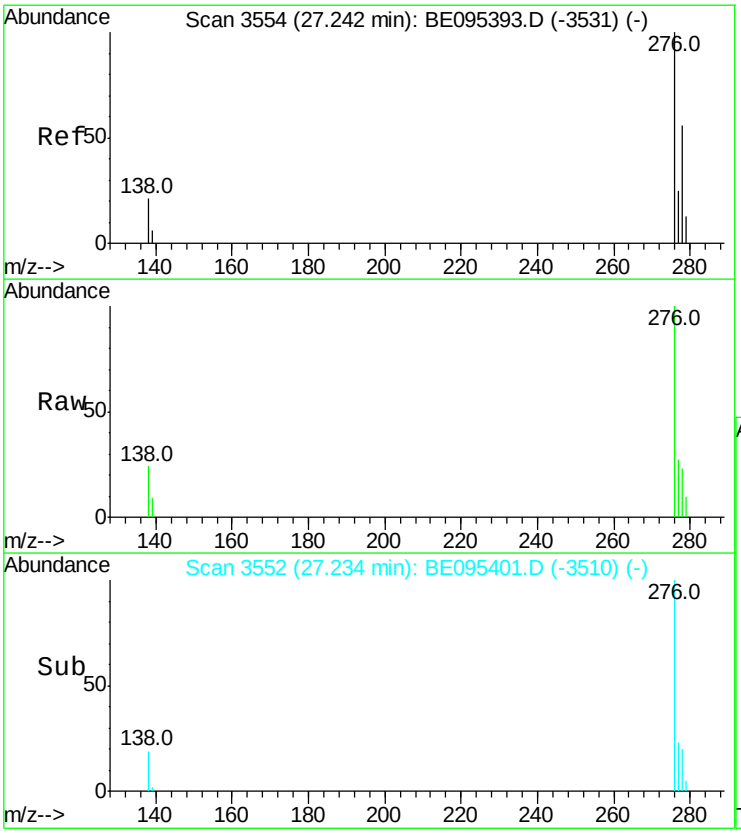
Tgt Ion:252 Resp: 10600

Ion	Ratio	Lower	Upper
252	100		
253	26.1	28.5	42.7#
125	16.1	18.1	27.1#



Instrument :
BNA_E
ClientSampleId :
F6B29DL

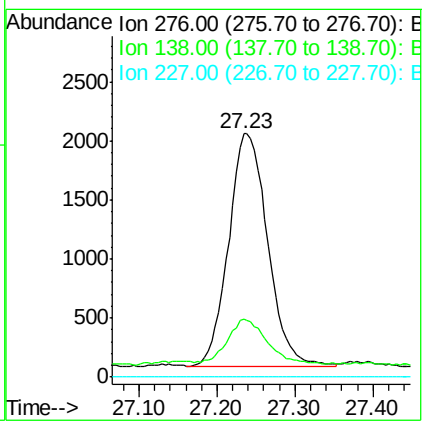
Manual Integrations APPROVED
Sohil
2/5/2018 5:48:00 PM

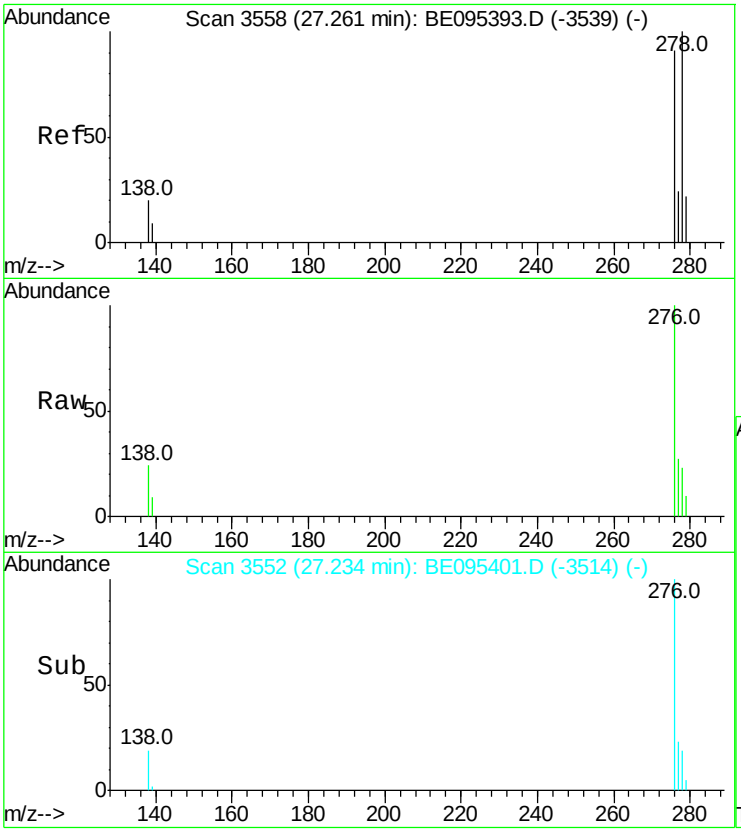


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 27.23 min Scan# 3552
Delta R.T. -0.01 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:276 Resp: 6811

Ion	Ratio	Lower	Upper
276	100		
138	20.2	28.0	42.0#
227	0.0	8.0	12.0#





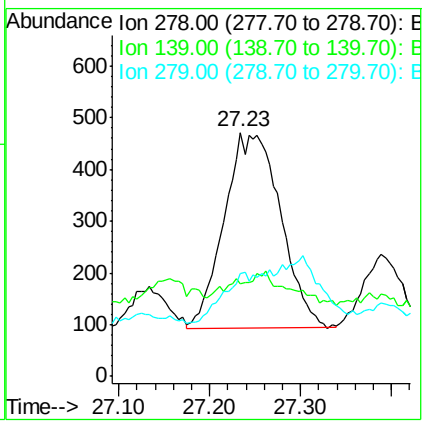
#25
Dibenzo(a,h)anthracene
Concen: 0.077 ng/ul
RT: 27.23 min Scan# 3552
Delta R.T. -0.03 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

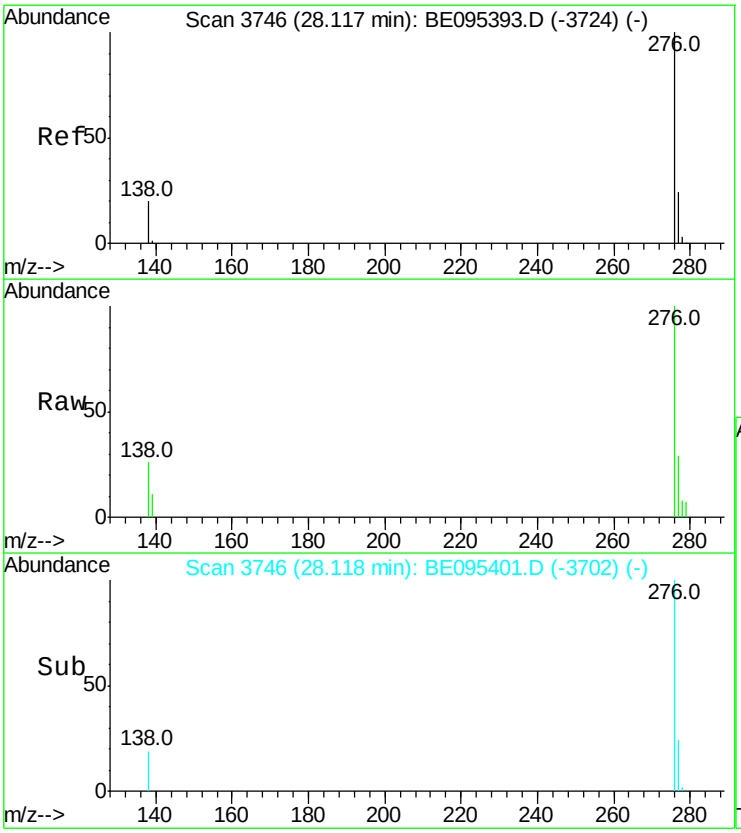
Tgt Ion:278 Resp: 1615

Ion	Ratio	Lower	Upper
278	100		
139	37.8	17.4	26.0#
279	42.5	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
F6B29DL

Manual Integrations APPROVED
Sohil
2/5/2018 5:48:00 PM





#26
Benzo(g,h,i)perylene
Concen: 0.233 ng/ul
RT: 28.12 min Scan# 3746
Delta R.T. 0.00 min
Lab File: BE095401.D
Acq: 2 Feb 2018 17:36

Tgt Ion:276 Resp: 5037

Ion	Ratio	Lower	Upper
276	100		
138	26.3	21.8	32.8
277	29.0	20.5	30.7