Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095252.D
Acq On : 29 Jan 2018 18:20
Operator : SJ/JU
Sample : J1233-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:10 PM

Quant Time: Jan 30 06:02:51 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : 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	2576	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8064	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5739	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10717m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	10678	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9450m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	5609	0.43	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	14972	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	79178	3.506	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	35964	2.385	ng/ul	100
7) Acenaphthylene	14.74	152	1603	0.058	ng/ul#	53
8) Acenaphthene	15.08	153	42768	1.997	ng/ul	94
9) Fluorene	16.02	166	40807	1.847	ng/ul#	73
11) Pentachlorophenol	17.36	266	169869	81.835	ng/ul	95
12) Phenanthrene	17.75	178	145657	4.041	ng/ul#	86
13) Anthracene	17.85	178	27056	0.820	ng/ul#	92
15) Fluoranthene	19.72	202	64443	1.381	ng/ul	84
17) Pyrene	20.08	202	46978	1.311	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	11471	0.344	ng/ul#	88
19) Chrysene	21.84	228	7284	0.210	ng/ul	96
21) Benzo(b)fluoranthene	23.62	252	6015m	0.180	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1782m	0.058	ng/ul	
23) Benzo(a)pyrene	24.32	252	3064m	0.103	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	796m	0.024	ng/ul	
26) Benzo(g,h,i)perylene	28.11	276	1068m	0.039	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\BE012918\
Data File : BE095252.D
Acq On : 29 Jan 2018 18:20
Operator : SJ/JU
Sample : J1233-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jan 30 06:02:51 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 30 04:43:36 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
Sohil
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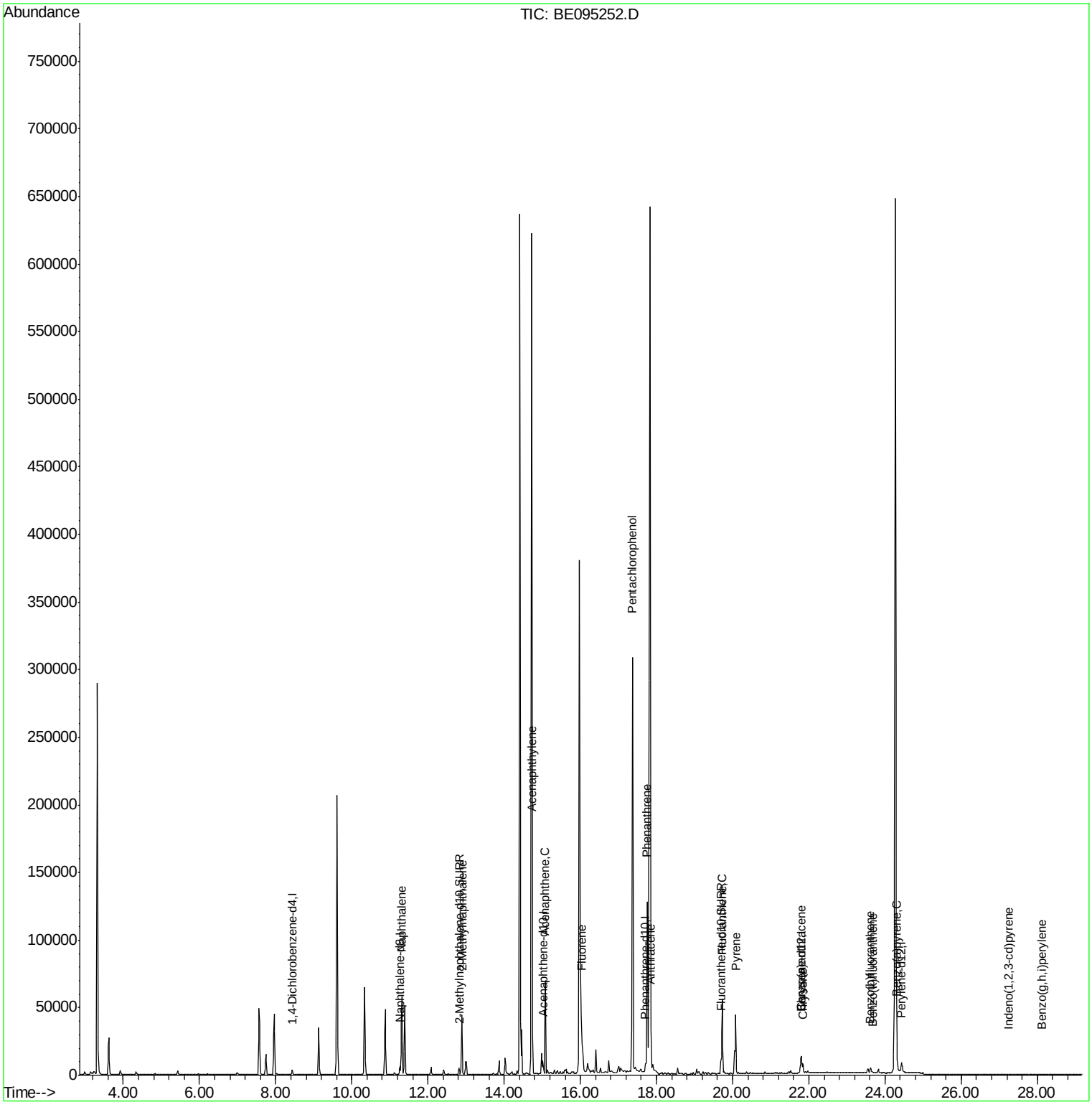

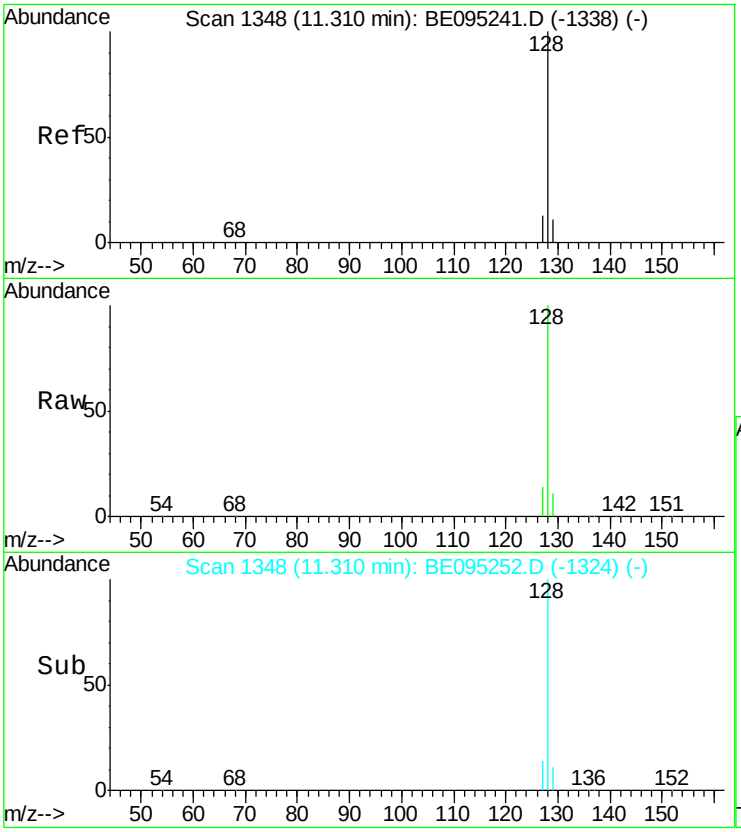

#3
Naphthalene
Concen: 3.506 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:128 Resp: 79178

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.5	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
Sohil
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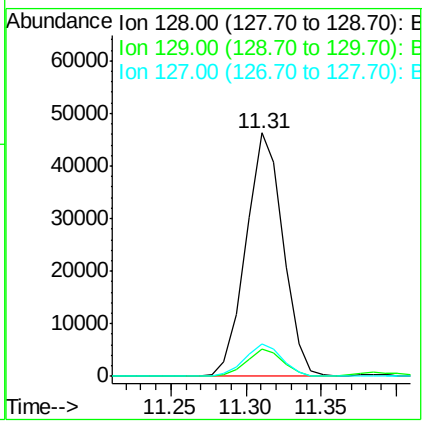
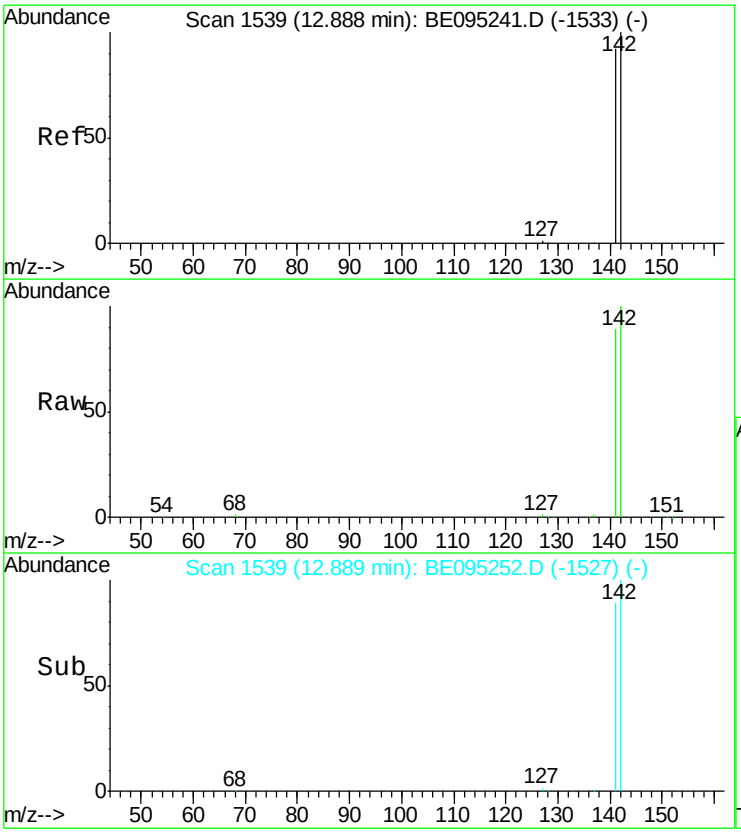
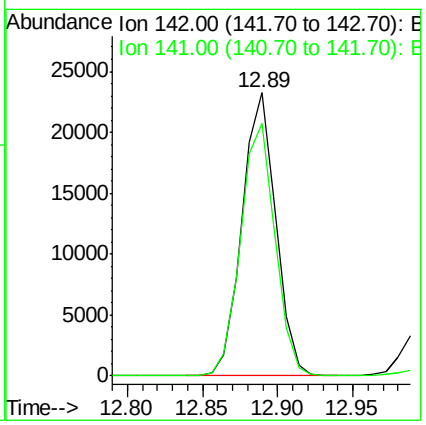


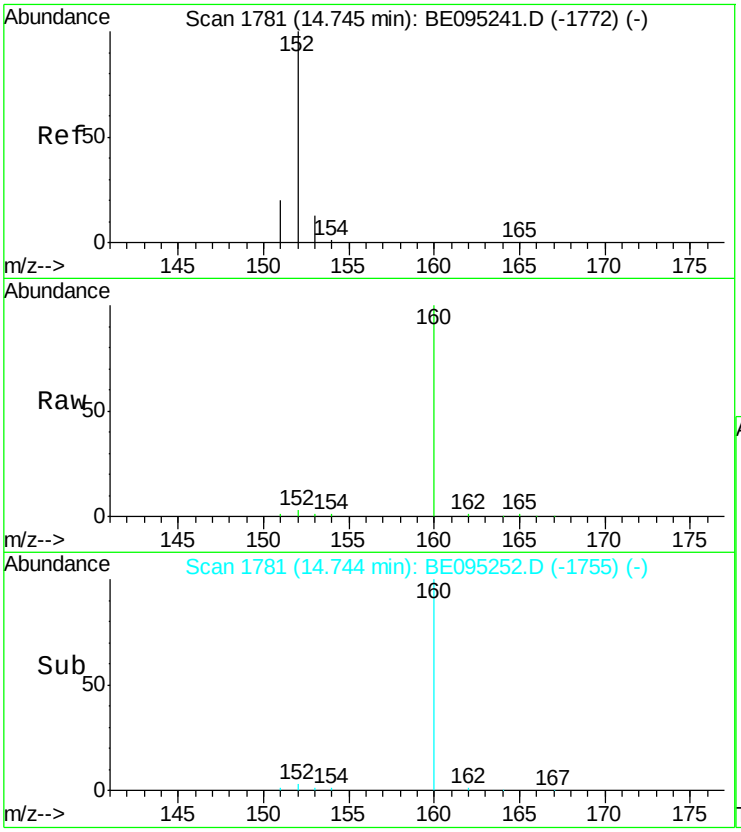


#5
2-Methylnaphthalene
Concen: 2.385 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:142 Resp: 35964

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8





#7
Acenaphthylene
Concen: 0.058 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:152 Resp: 1603

Ion	Ratio	Lower	Upper
152	100		
151	39.0	17.1	25.7#
153	41.1	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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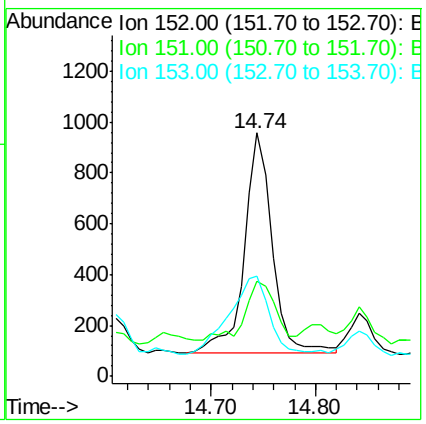
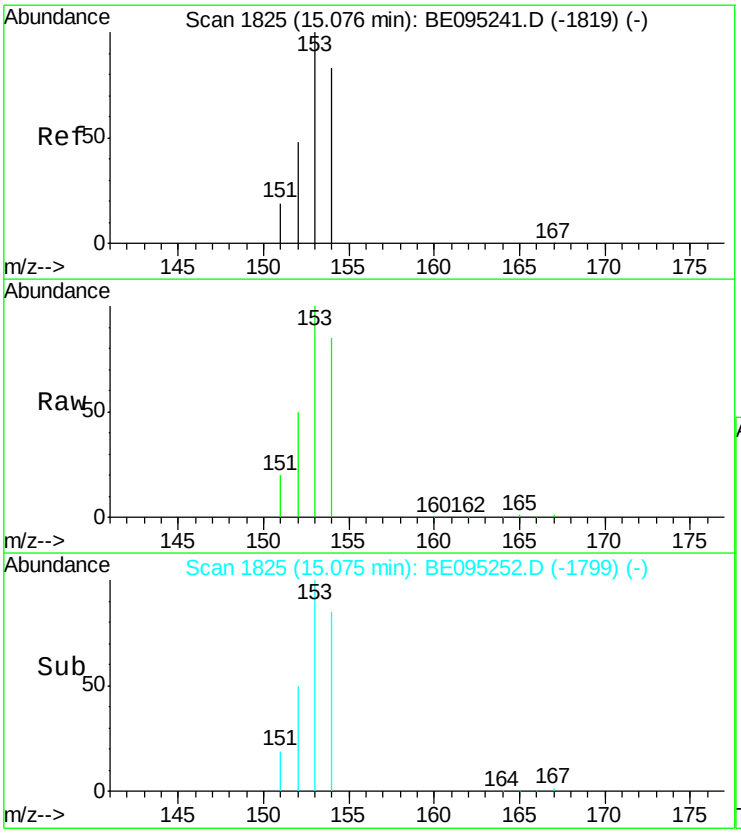
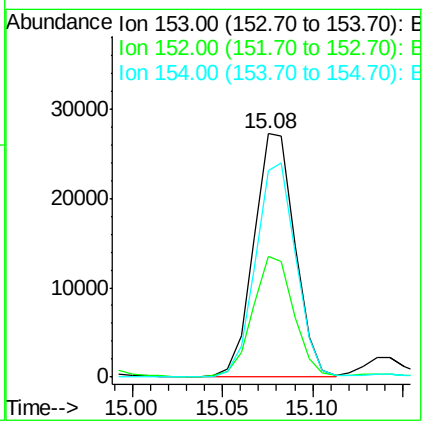


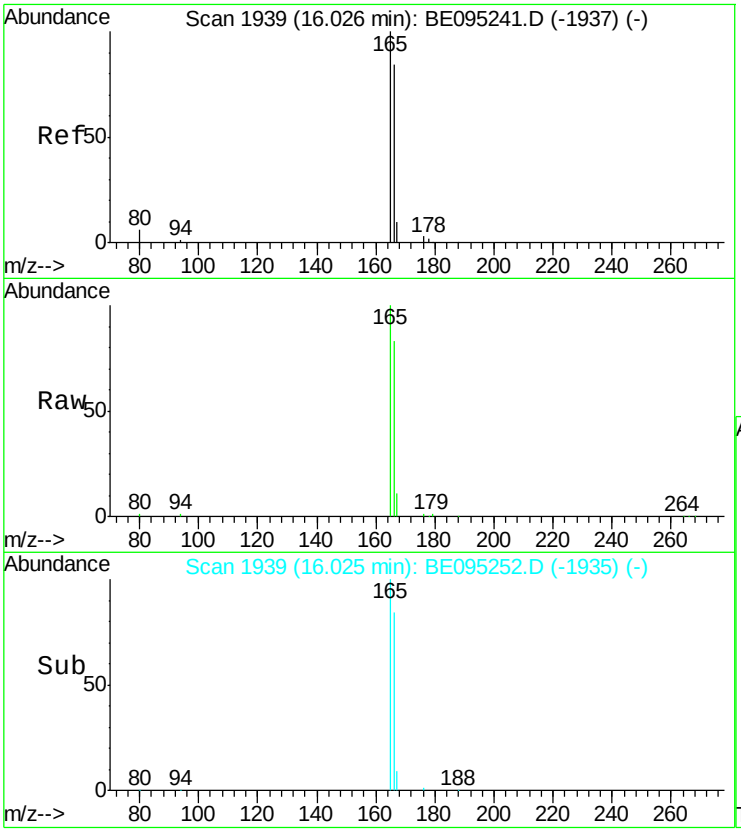


#8
Acenaphthene
Concen: 1.997 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:153 Resp: 42768

Ion	Ratio	Lower	Upper
153	100		
152	49.8	36.0	54.0
154	84.8	72.0	108.0

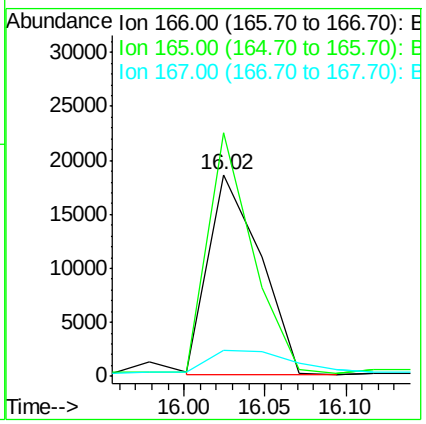




#9
Fluorene
Concen: 1.847 ng/ul
RT: 16.02 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:166 Resp: 40807

Ion	Ratio	Lower	Upper
166	100		
165	120.6	73.4	110.2#
167	12.7	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
F6B15

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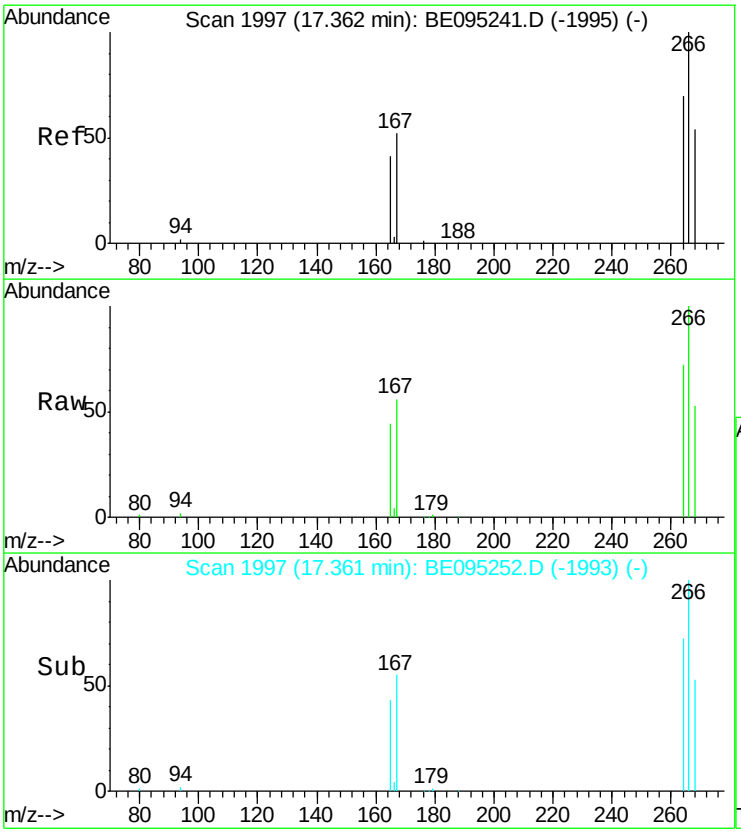
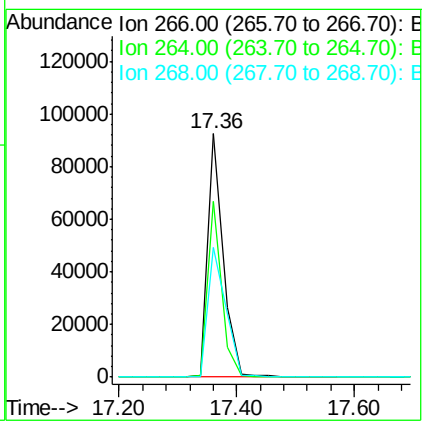
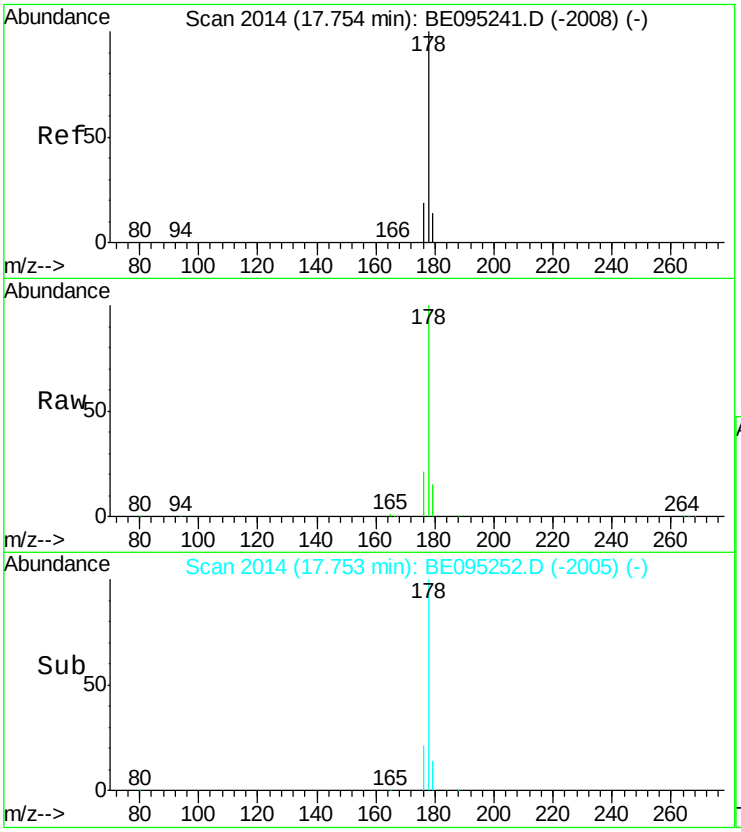


#11
Pentachlorophenol
Concen: 81.835 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:266 Resp: 169869

Ion	Ratio	Lower	Upper
266	100		
264	66.0	47.9	71.9
268	61.3	49.8	74.8

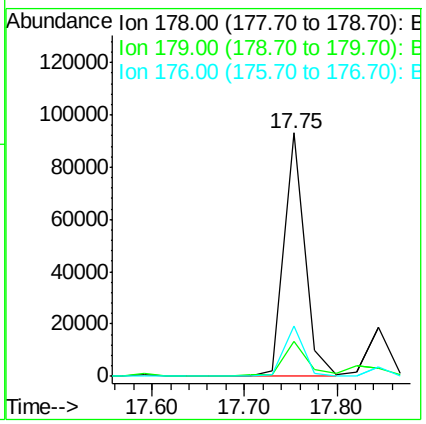




#12
Phenanthrene
Concen: 4.041 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:178 Resp: 145657

Ion	Ratio	Lower	Upper
178	100		
179	14.5	18.4	27.6#
176	20.7	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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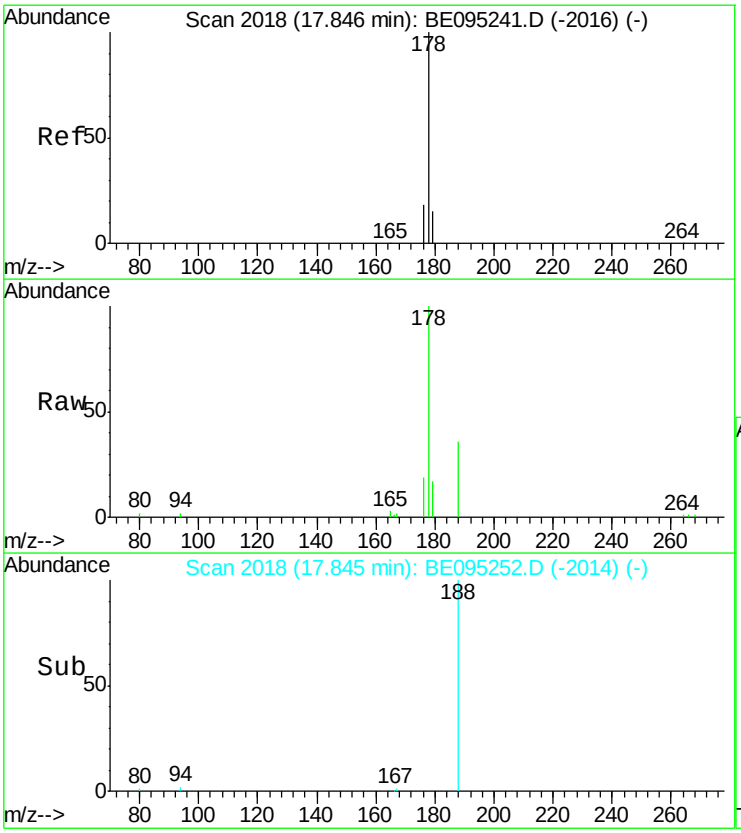
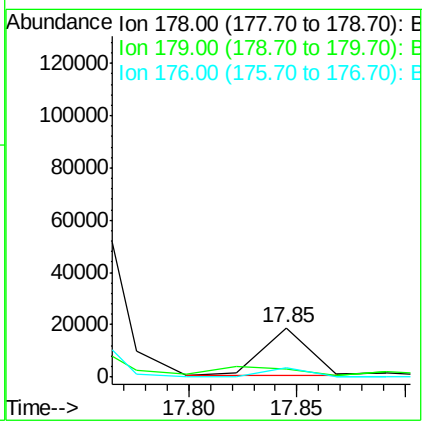
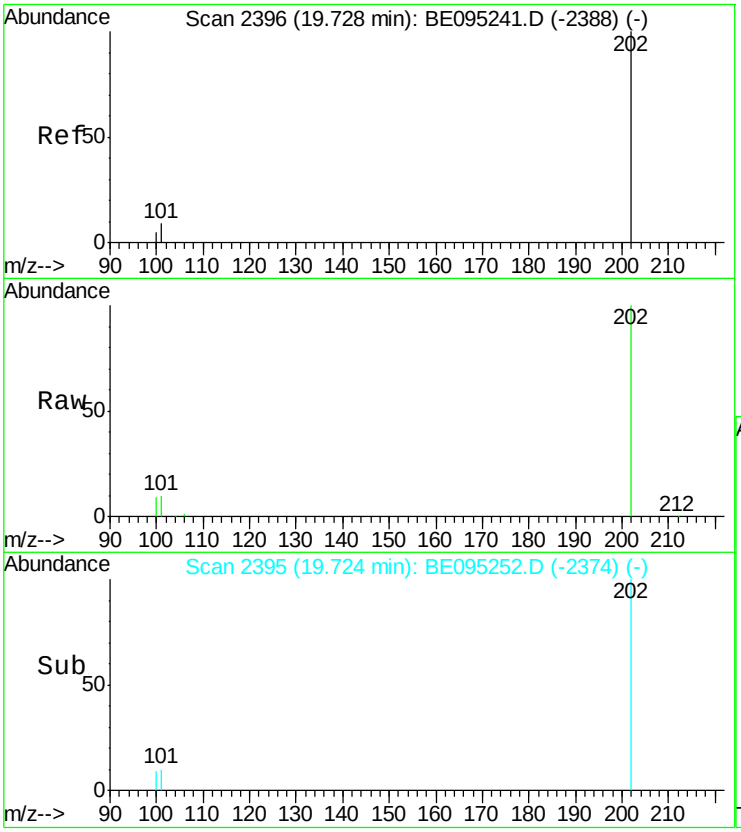


#13
Anthracene
Concen: 0.820 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:178 Resp: 27056

Ion	Ratio	Lower	Upper
178	100		
179	16.6	18.1	27.1#
176	19.1	14.7	22.1





#15
Fluoranthene
Concen: 1.381 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:202 Resp: 64443

Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	30.3
100	8.8	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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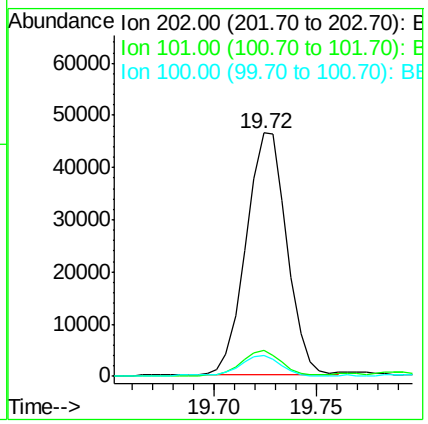
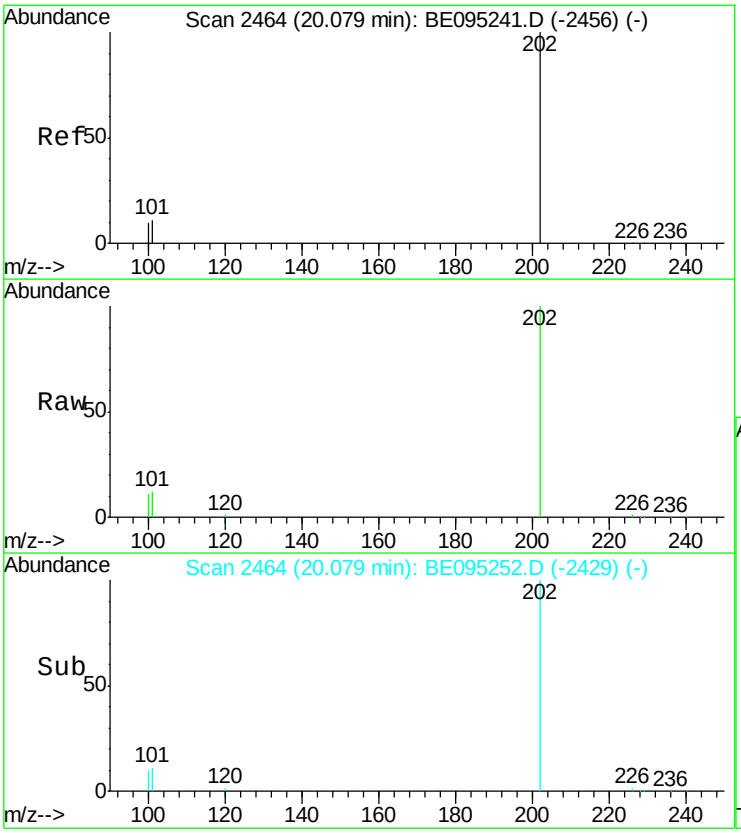
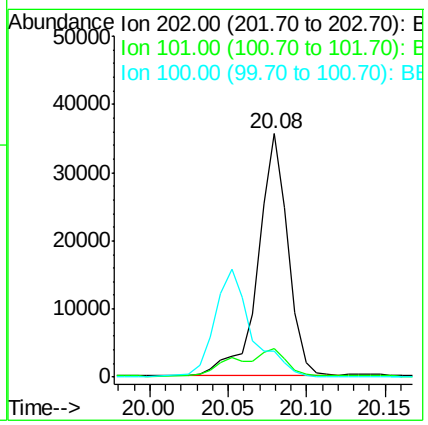


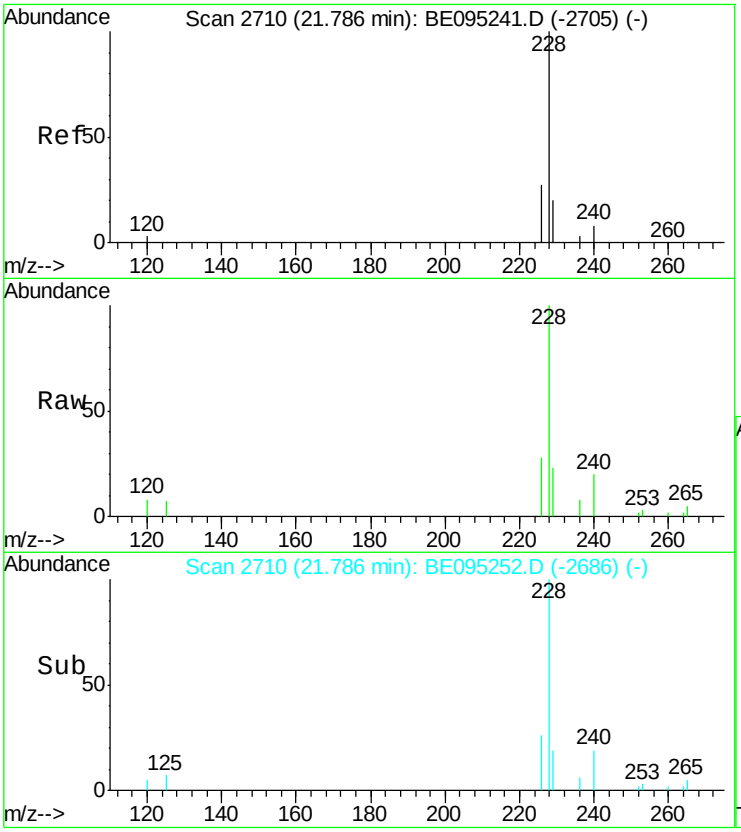


#17
Pyrene
Concen: 1.311 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:202 Resp: 46978

Ion	Ratio	Lower	Upper
202	100		
101	11.7	18.2	27.4#
100	10.5	15.6	23.4#

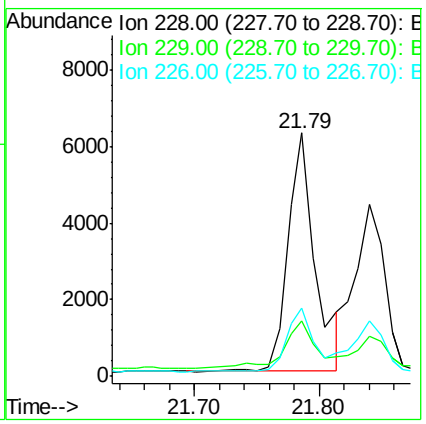




#18
Benzo(a)anthracene
Concen: 0.344 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:228 Resp: 11471

Ion	Ratio	Lower	Upper
228	100		
229	22.9	22.8	34.2
226	28.1	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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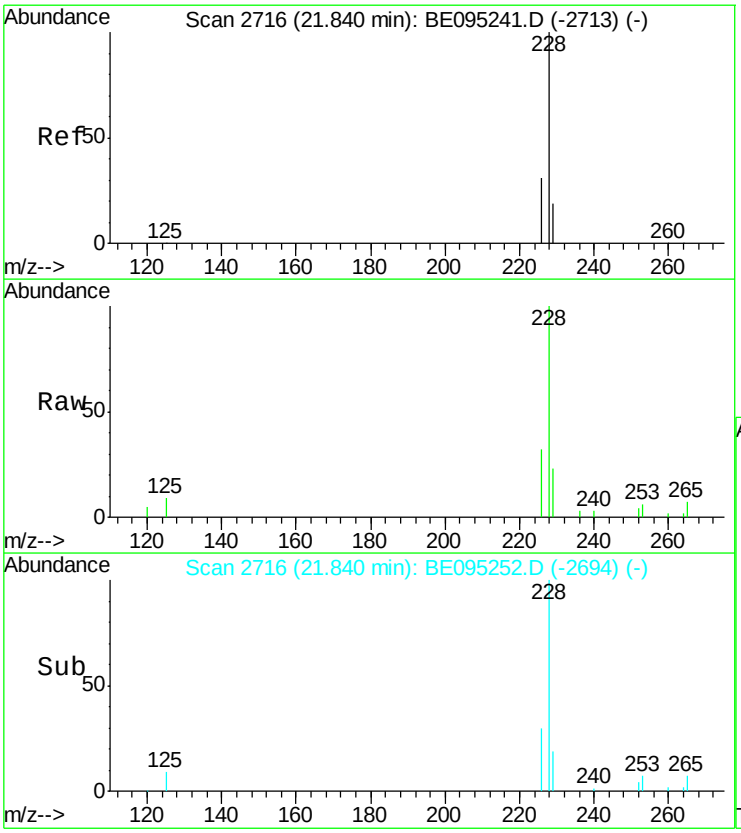
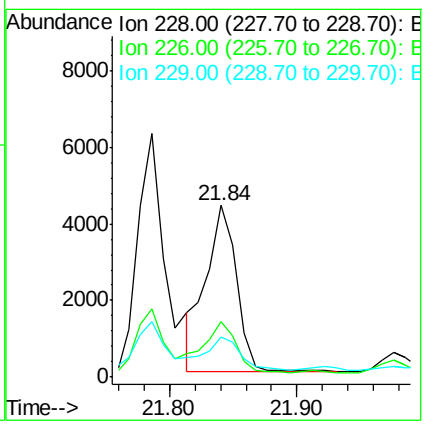
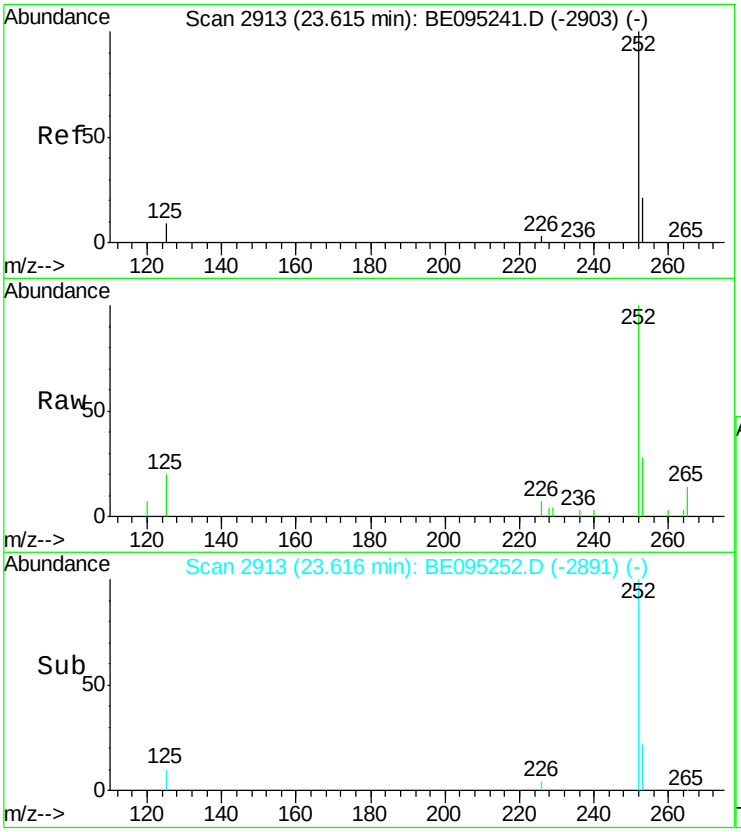


#19
Chrysene
Concen: 0.210 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:228 Resp: 7284

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.4	35.0
229	23.2	17.7	26.5

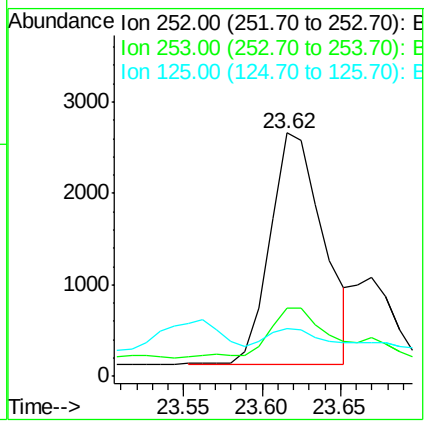




#21
Benzo(b)fluoranthene
Concen: 0.180 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:252 Resp: 6015

Ion	Ratio	Lower	Upper
252	100		
253	28.2	0.0	64.2
125	19.6	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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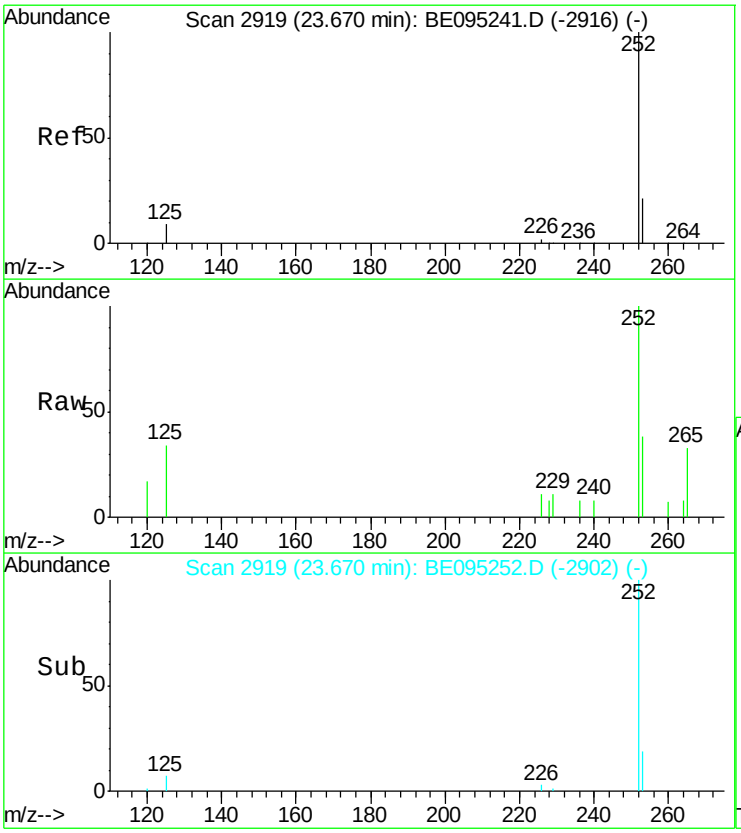
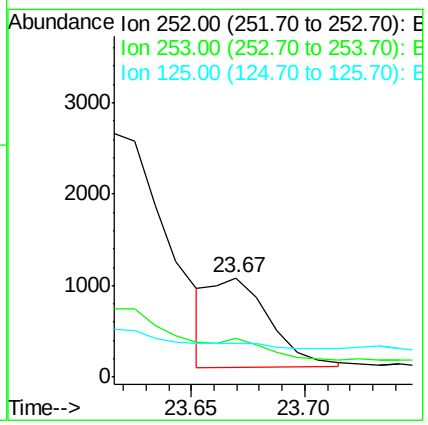
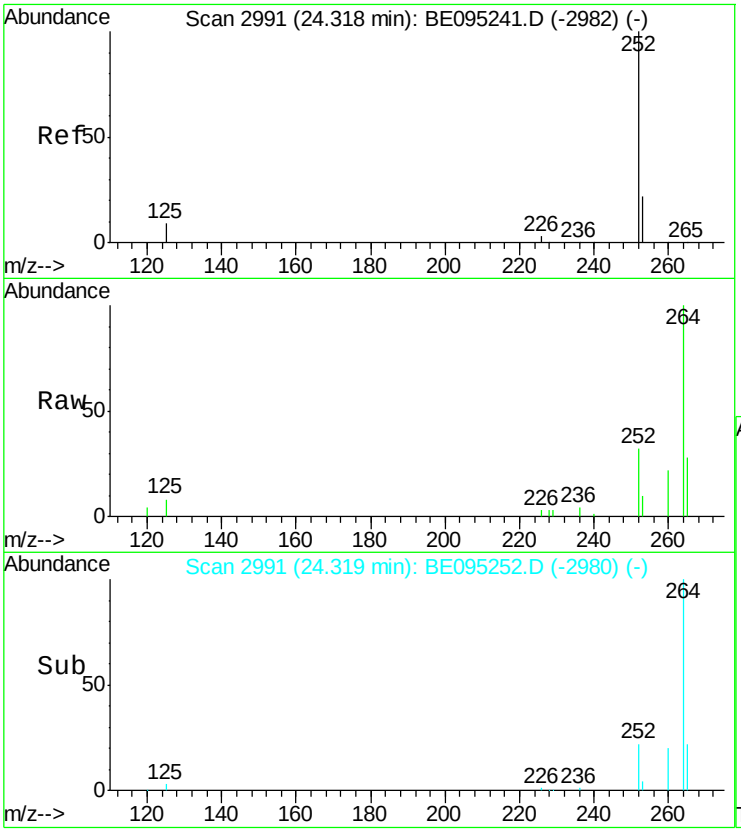


#22
Benzo(k)fluoranthene
Concen: 0.058 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:252 Resp: 1782

Ion	Ratio	Lower	Upper
252	100		
253	38.4	24.5	36.7#
125	34.3	13.7	20.5#

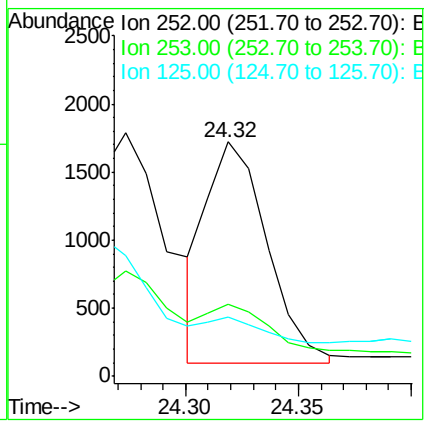




#23
Benzo(a)pyrene
Concen: 0.103 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:252 Resp: 3064

Ion	Ratio	Lower	Upper
252	100		
253	30.6	28.5	42.7
125	25.4	18.1	27.1



Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
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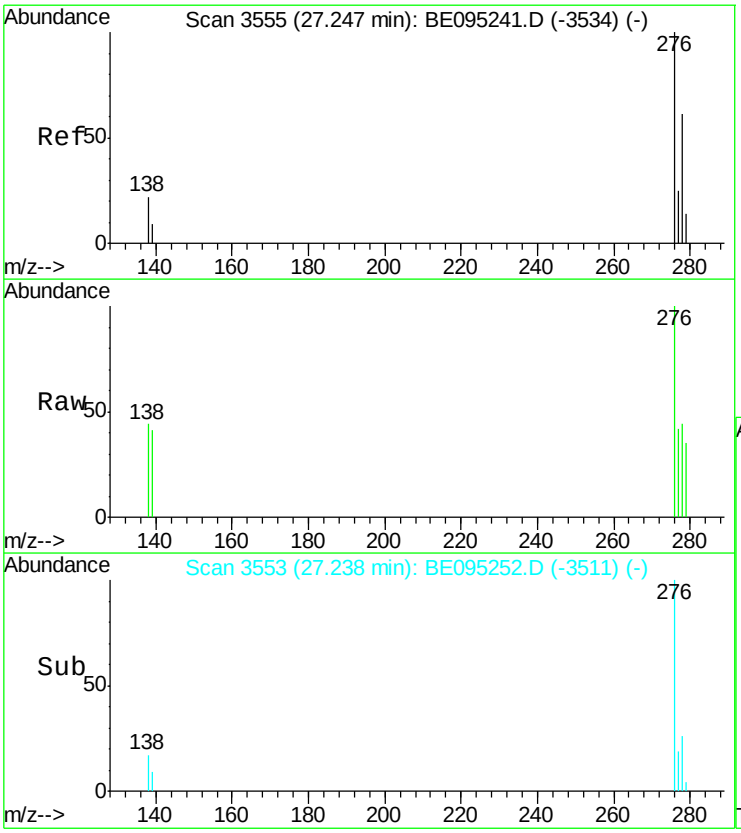
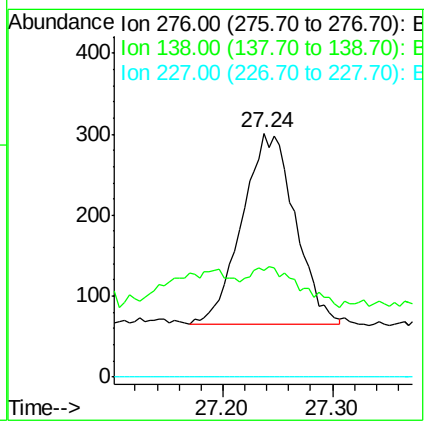
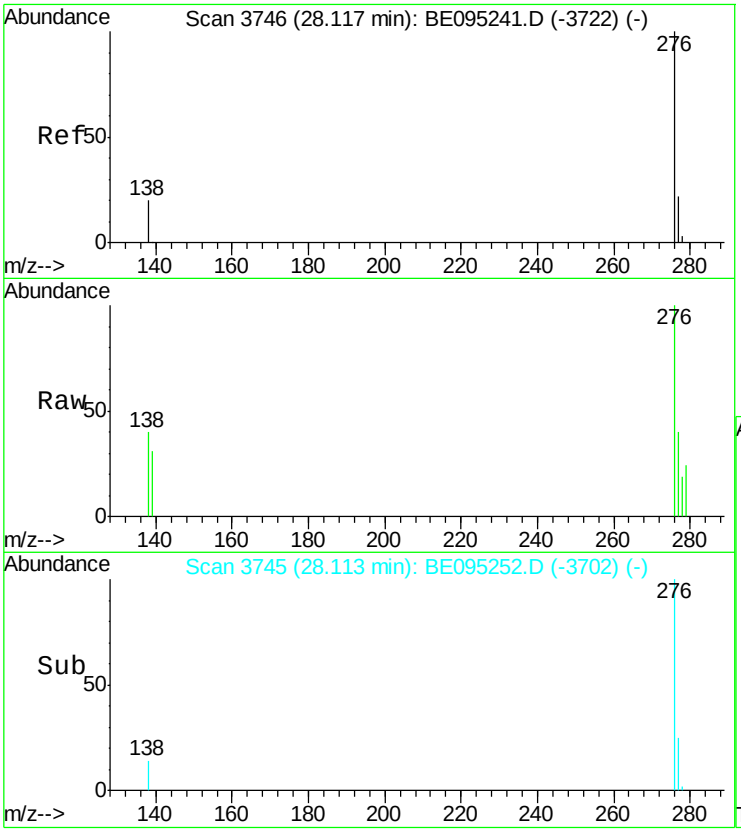


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul m
RT: 27.24 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:276 Resp: 796

Ion	Ratio	Lower	Upper
276	100		
138	3.0	28.0	42.0#
227	0.0	8.0	12.0#

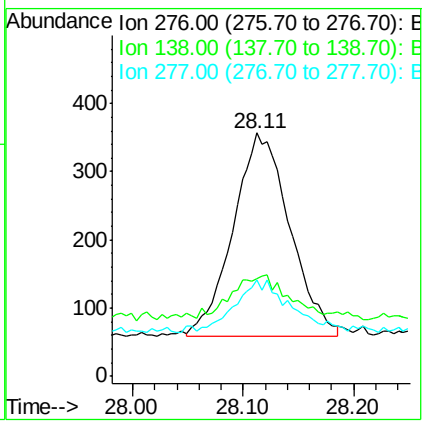




#26
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul m
RT: 28.11 min Scan# 3745
Delta R.T. -0.00 min
Lab File: BE095252.D
Acq: 29 Jan 2018 18:20

Tgt Ion:276 Resp: 1068

Ion	Ratio	Lower	Upper
276	100		
138	40.1	21.8	32.8#
277	39.8	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
F6B15

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:10 PM