Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020518\
Data File : BE095502.D
Acq On : 5 Feb 2018 21:57
Operator : SJ/JU
Sample : J1314-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
Sohil
2/6/2018 2:31:08 PM

Quant Time: Feb 06 03:15:24 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 Feb 06 02:09:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1852	0.40	ng/ul	0.00
2) Naphthalene-d8	11.25	136	5344	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	3225	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7689	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	7559	0.40	ng/ul	0.00
20) Perylene-d12	24.43	264	7890	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	740	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.69	212	2749	0.09	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	14.74	152	1252	0.081	ng/ul#	66
11) Pentachlorophenol	17.36	266	19871	13.343	ng/ul	98
12) Phenanthrene	17.75	178	5215m	0.202	ng/ul	
13) Anthracene	17.85	178	6005m	0.254	ng/ul	
15) Fluoranthene	19.72	202	29843	0.891	ng/ul	82
17) Pyrene	20.07	202	34484	1.360	ng/ul#	79
18) Benzo(a)anthracene	21.78	228	10512	0.445	ng/ul#	89
19) Chrysene	21.84	228	11212	0.457	ng/ul#	90
21) Benzo(b)fluoranthene	23.62	252	24668m	0.886	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	6035m	0.237	ng/ul	
23) Benzo(a)pyrene	24.31	252	6682	0.269	ng/ul	92
24) Indeno(1,2,3-cd)pyrene	27.24	276	8720	0.320	ng/ul#	75
25) Dibenzo(a,h)anthracene	27.25	278	1992	0.089	ng/ul#	69
26) Benzo(g,h,i)perylene	28.11	276	9271	0.402	ng/ul	95

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE020518\
Data File : BE095502.D
Acq On : 5 Feb 2018 21:57
Operator : SJ/JU
Sample : J1314-06
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Feb 06 03:15:24 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 Feb 06 02:09:13 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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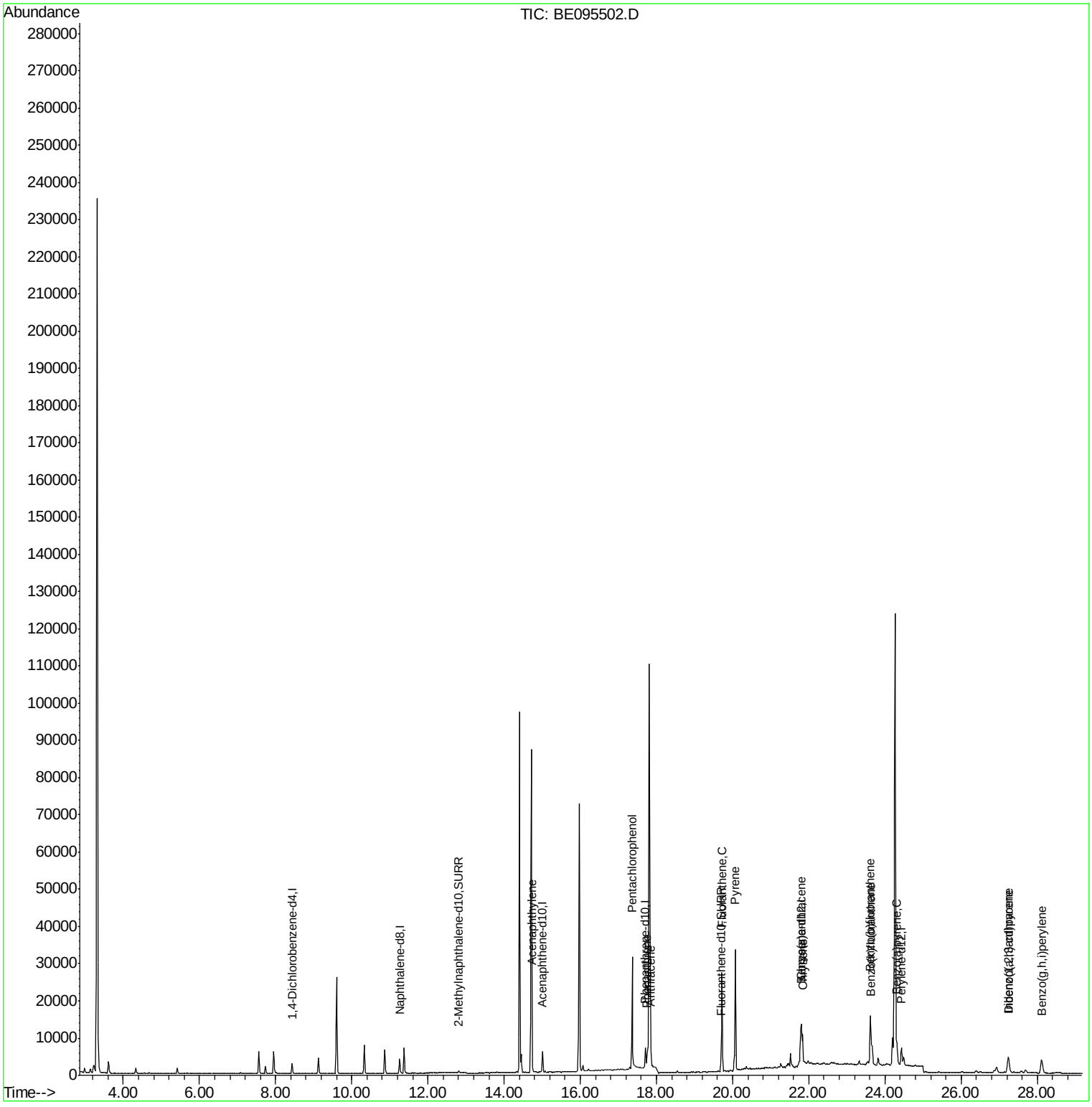

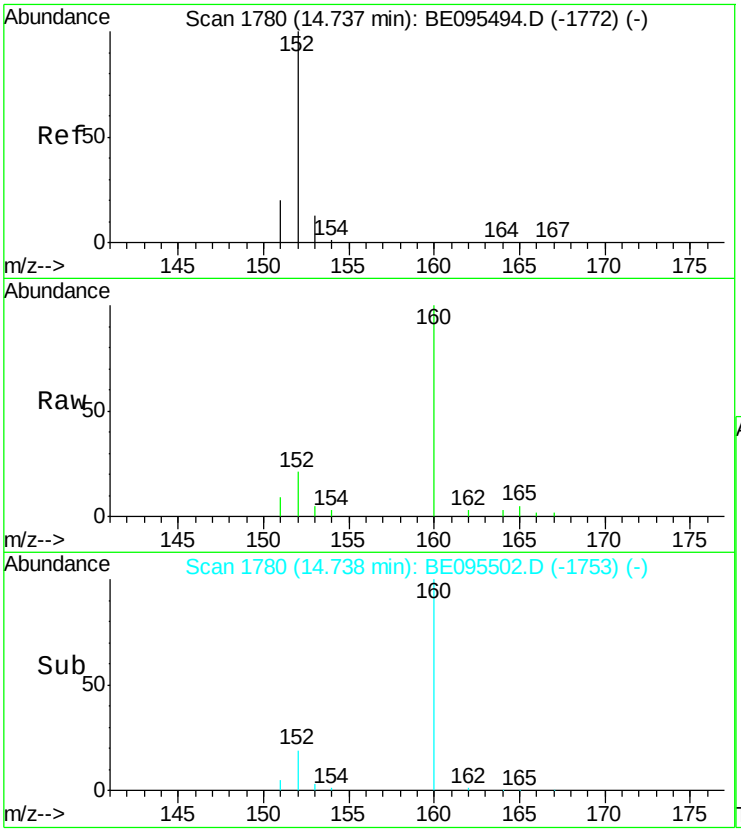

#7
Acenaphthylene
Concen: 0.081 ng/ul
RT: 14.74 min Scan# 1780
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:152 Resp: 1252

Ion	Ratio	Lower	Upper
152	100		
151	44.1	17.1	25.7#
153	22.9	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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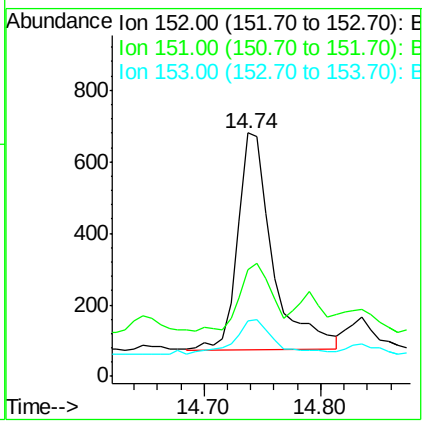
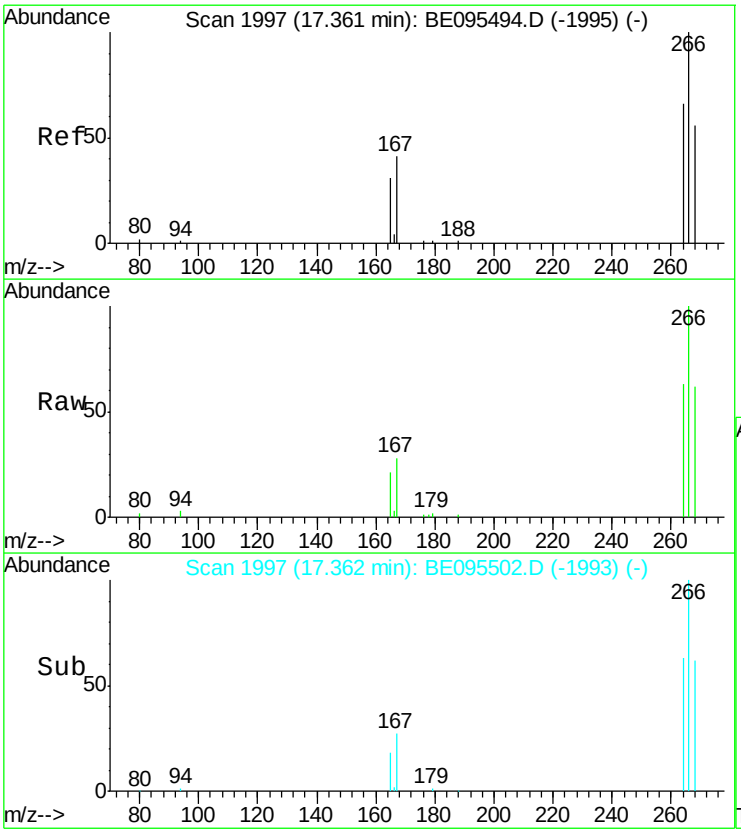
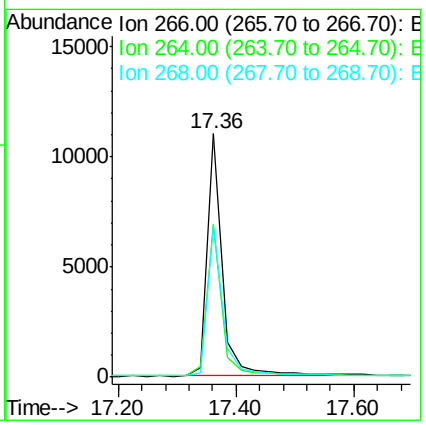


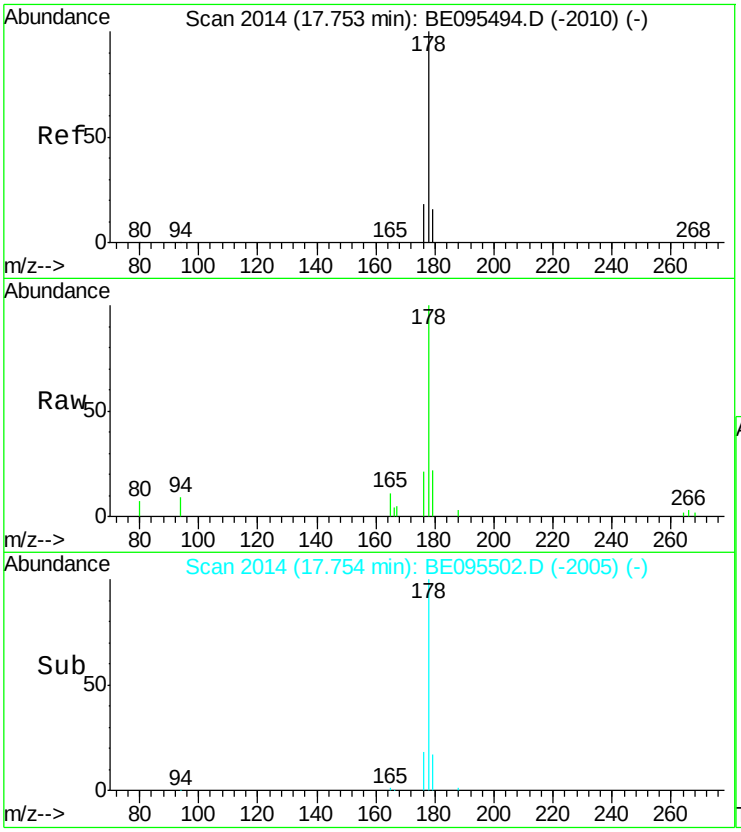


#11
Pentachlorophenol
Concen: 13.343 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:266 Resp: 19871

Ion	Ratio	Lower	Upper
266	100		
264	62.6	47.9	71.9
268	63.5	49.8	74.8

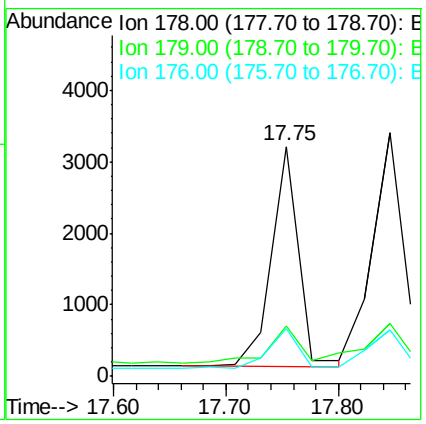




#12
Phenanthrene
Concen: 0.202 ng/ul m
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:178 Resp: 5215

Ion	Ratio	Lower	Upper
178	100		
179	21.7	18.4	27.6
176	20.6	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6C43

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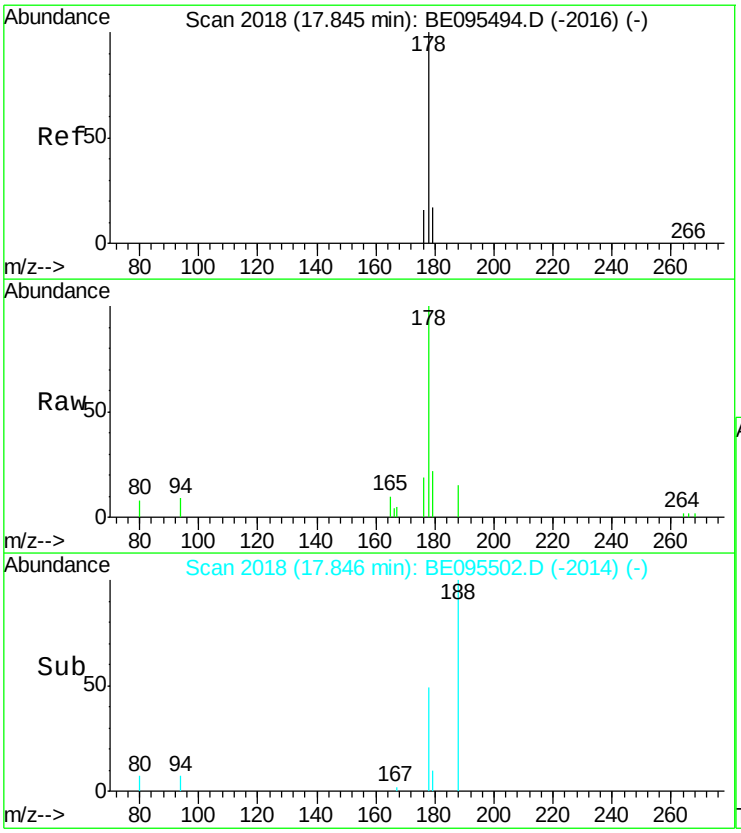
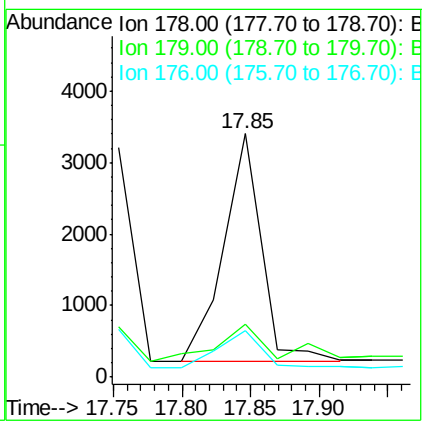
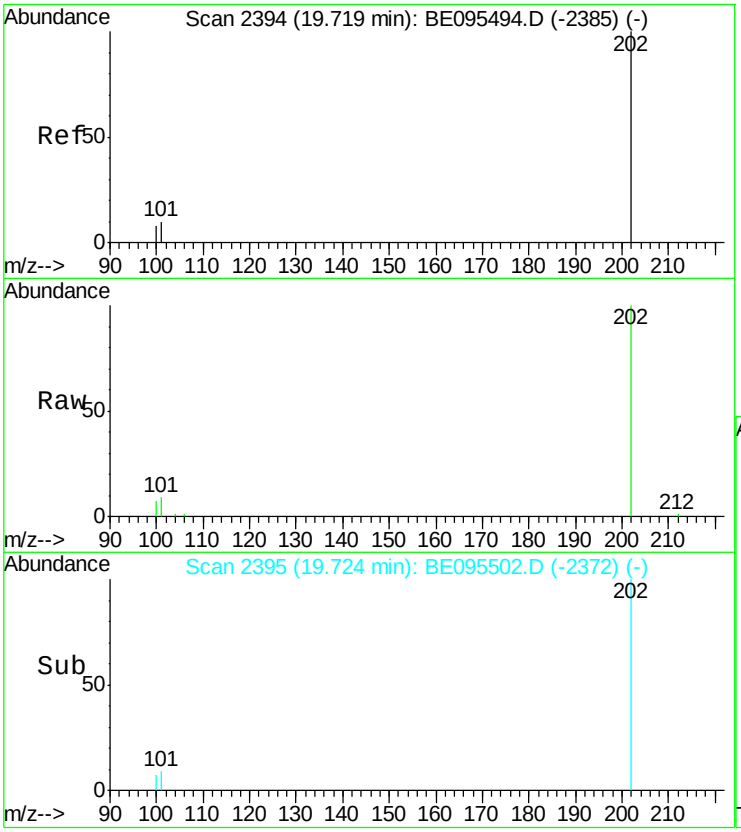


#13
Anthracene
Concen: 0.254 ng/ul m
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:178 Resp: 6005

Ion	Ratio	Lower	Upper
178	100		
179	21.7	18.1	27.1
176	19.1	14.7	22.1





#15
Fluoranthene
Concen: 0.891 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:202 Resp: 29843

Ion	Ratio	Lower	Upper
202	100		
101	9.3	0.0	30.3
100	7.4	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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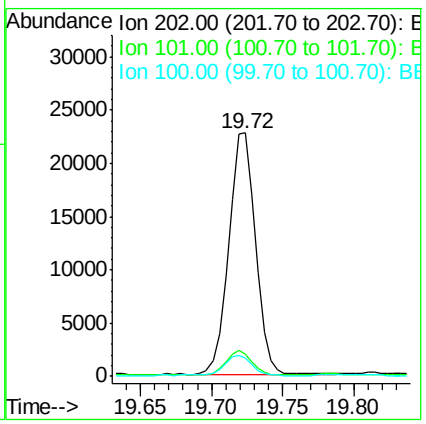
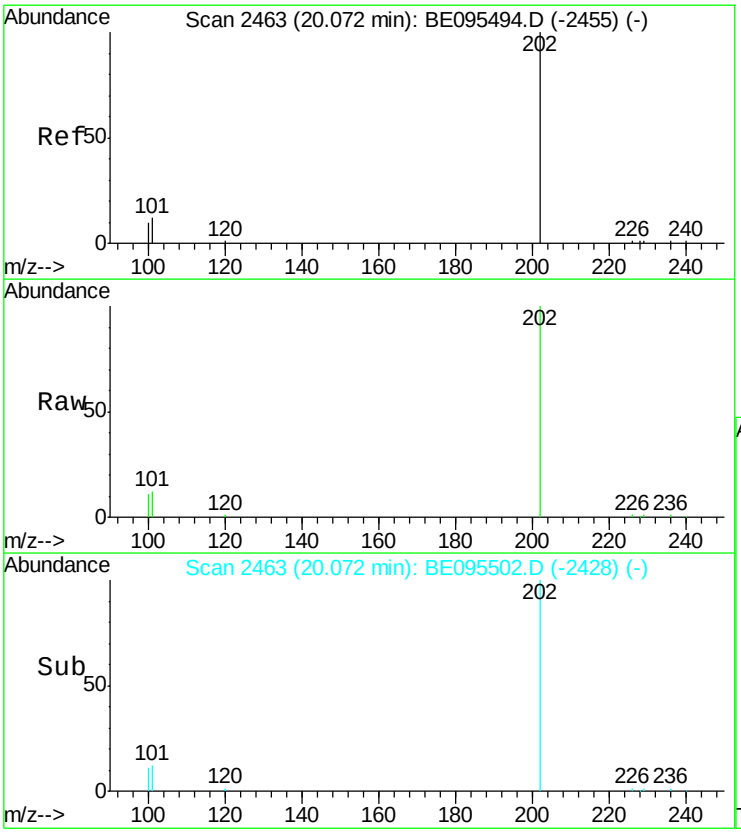
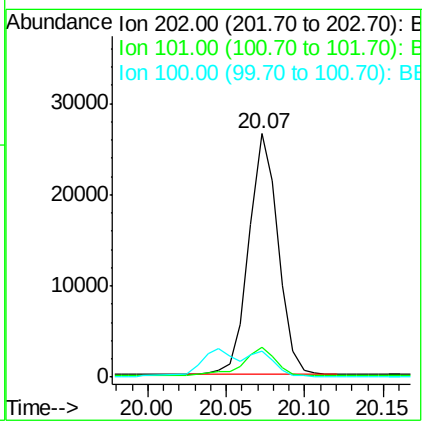


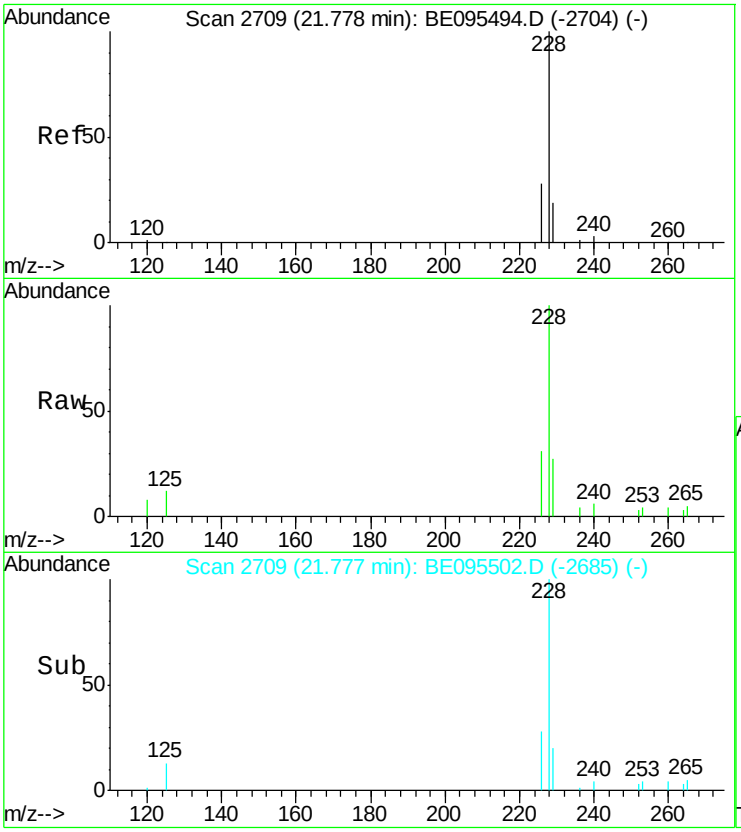


#17
Pyrene
Concen: 1.360 ng/ul
RT: 20.07 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:202 Resp: 34484

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.8	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.445 ng/ul
RT: 21.78 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:228 Resp: 10512

Ion	Ratio	Lower	Upper
228	100		
229	26.6	22.8	34.2
226	31.0	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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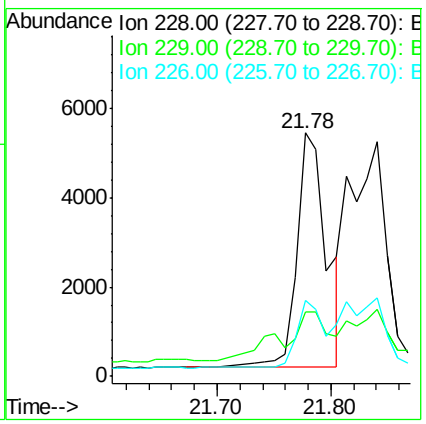
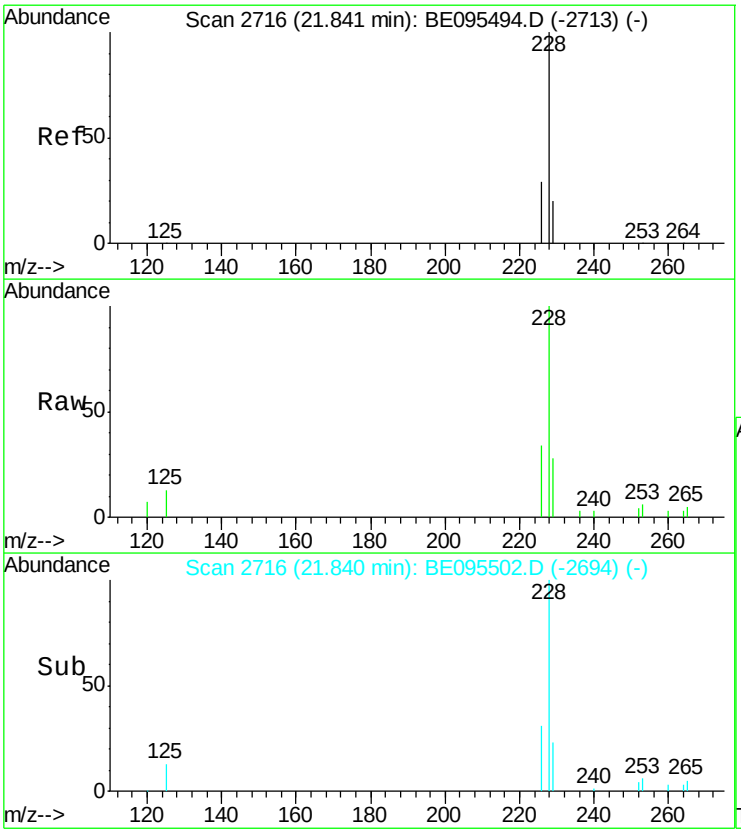
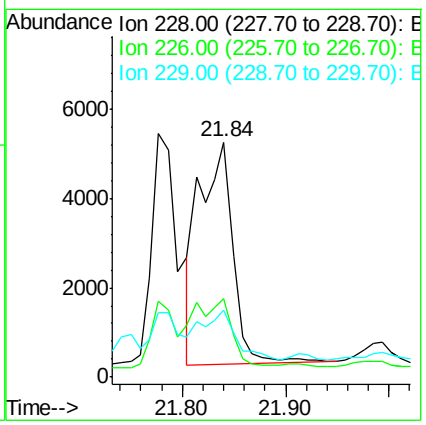


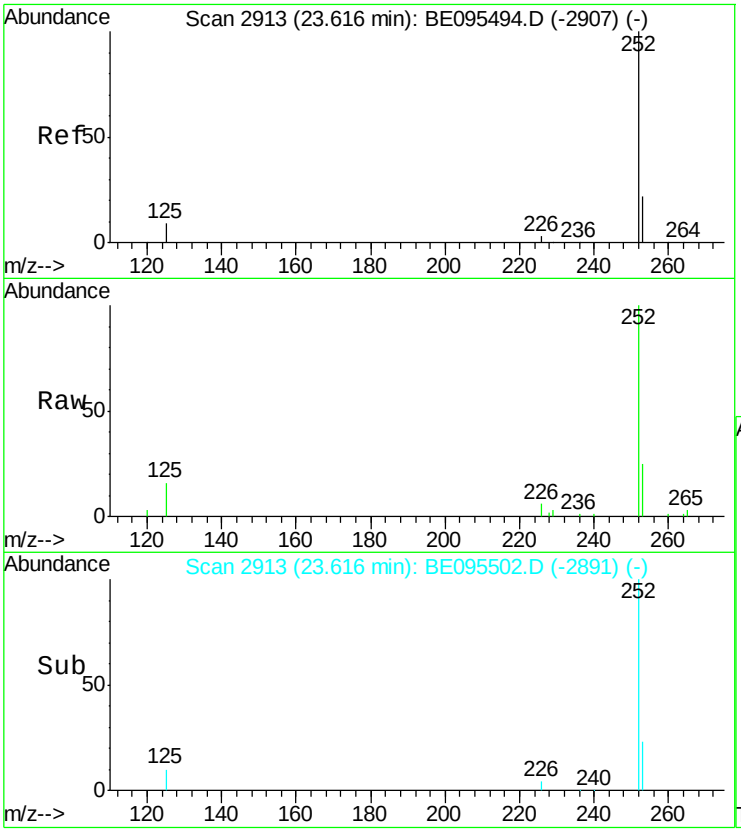


#19
Chrysene
Concen: 0.457 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:228 Resp: 11212

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	28.2	17.7	26.5#





#21
Benzo(b)fluoranthene
Concen: 0.886 ng/ul m
RT: 23.62 min Scan# 2913
Delta R.T. -0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:252 Resp: 24668

Ion	Ratio	Lower	Upper
252	100		
253	25.0	0.0	64.2
125	15.6	0.0	35.0

Instrument :
BNA_E
ClientSampleId :
F6C43

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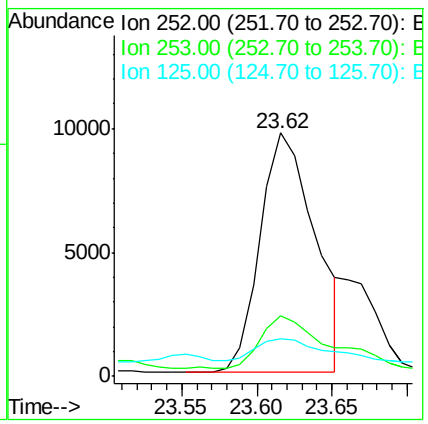
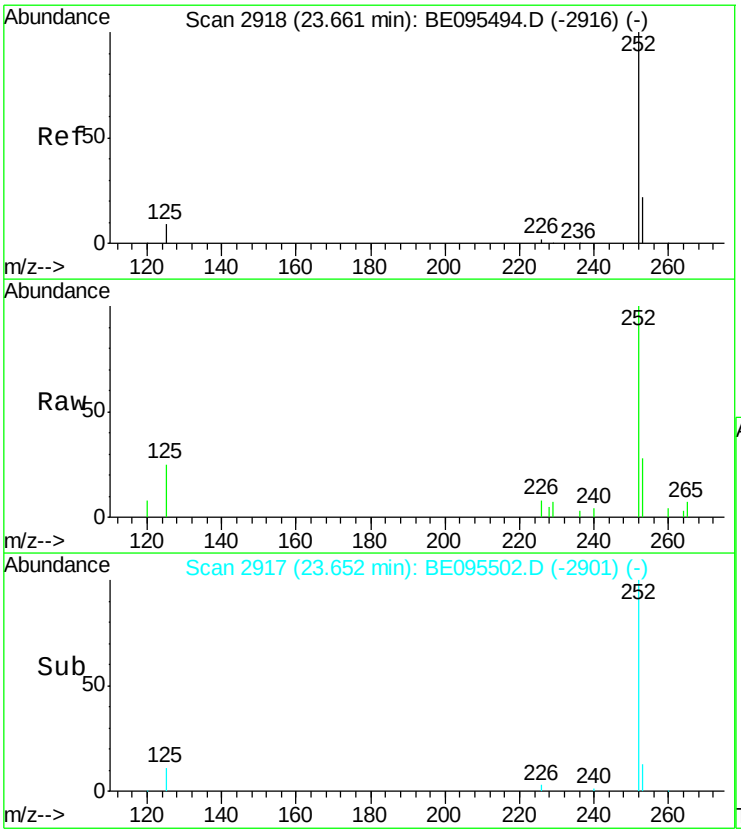
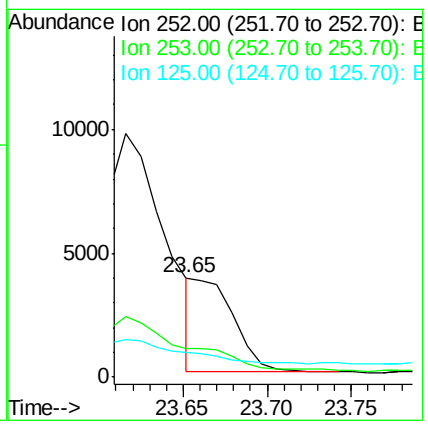


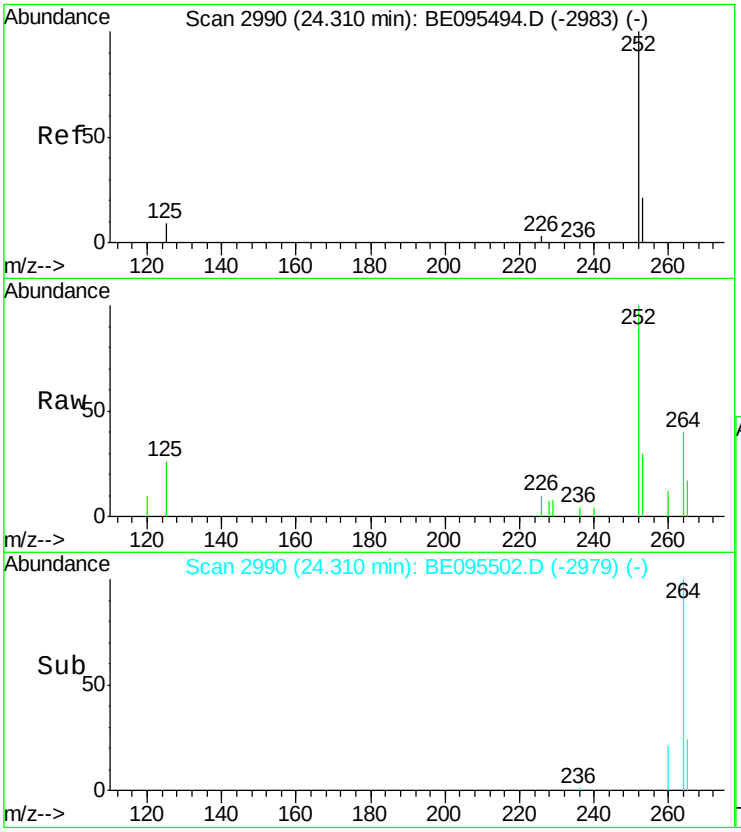


#22
Benzo(k)fluoranthene
Concen: 0.237 ng/ul m
RT: 23.65 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:252 Resp: 6035

Ion	Ratio	Lower	Upper
252	100		
253	28.2	24.5	36.7
125	24.5	13.7	20.5#





#23
Benzo(a)pyrene
Concen: 0.269 ng/ul
RT: 24.31 min Scan# 2990
Delta R.T. -0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:252 Resp: 6682

Ion	Ratio	Lower	Upper
252	100		
253	30.4	28.5	42.7
125	25.7	18.1	27.1

Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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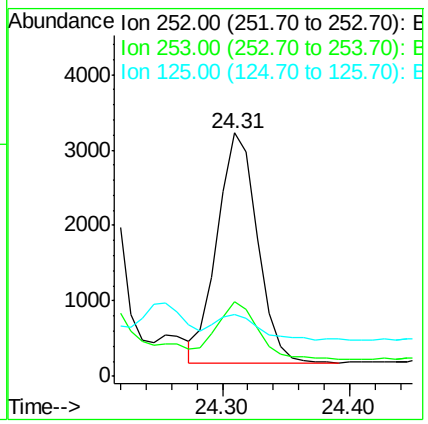
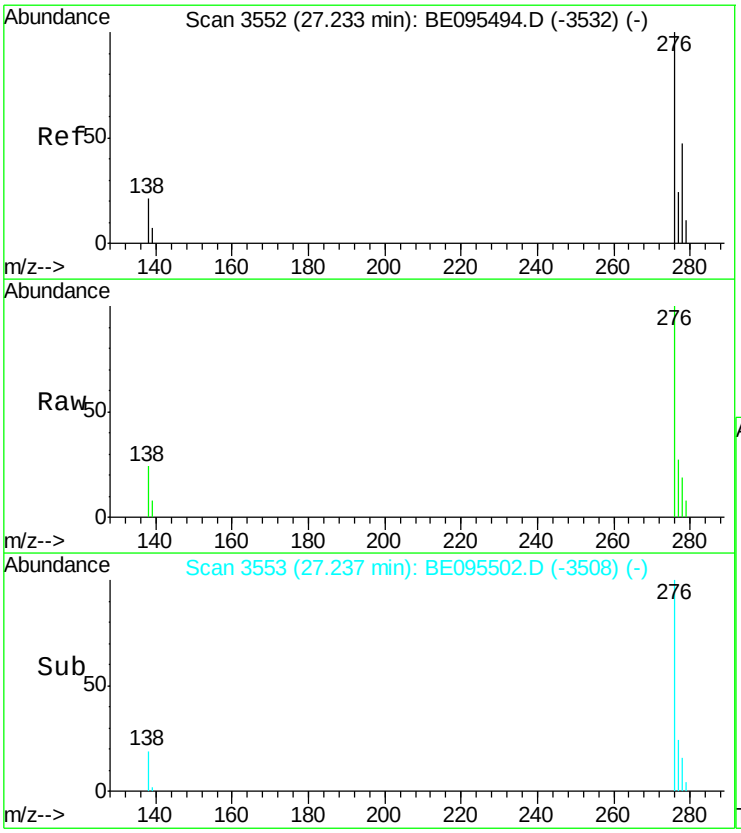
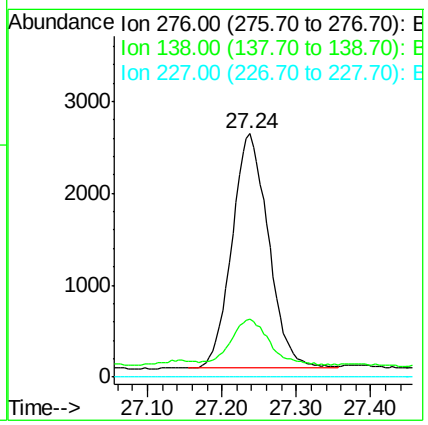


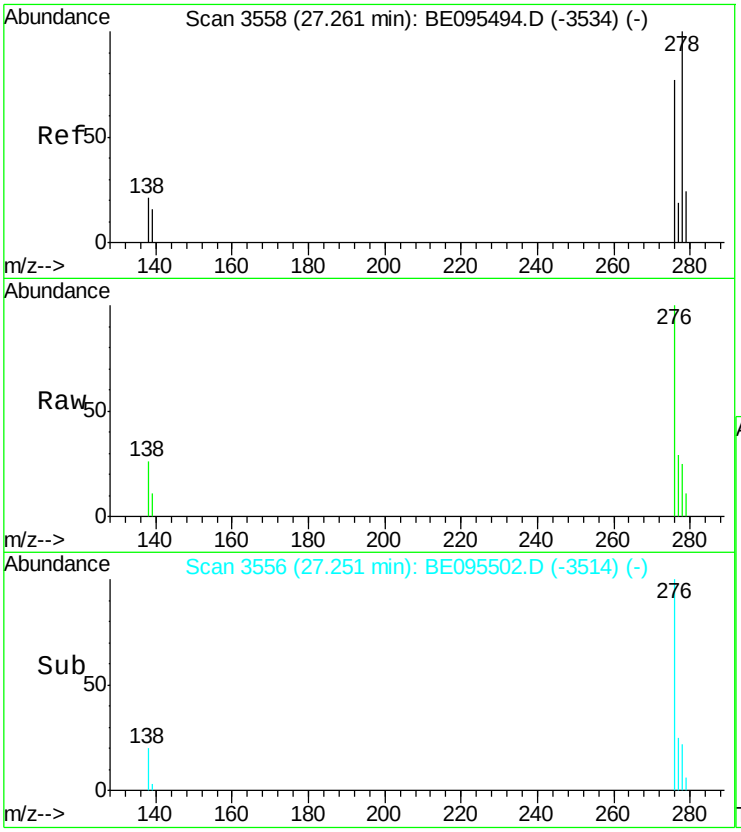


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.320 ng/ul
RT: 27.24 min Scan# 3553
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:276 Resp: 8720

Ion	Ratio	Lower	Upper
276	100		
138	20.6	28.0	42.0#
227	0.0	8.0	12.0#

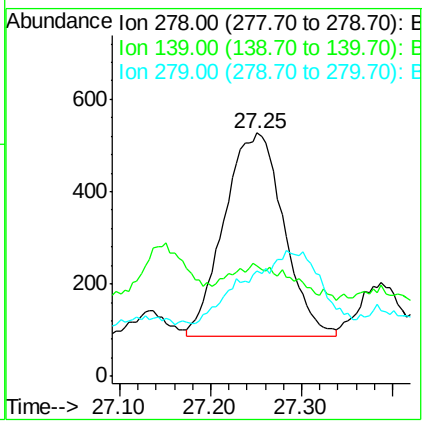




#25
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 27.25 min Scan# 3556
Delta R.T. -0.01 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:278 Resp: 1992

Ion	Ratio	Lower	Upper
278	100		
139	45.4	17.4	26.0#
279	43.1	25.9	38.9#



Instrument :
BNA_E
ClientSampleId :
F6C43

Manual Integrations APPROVED
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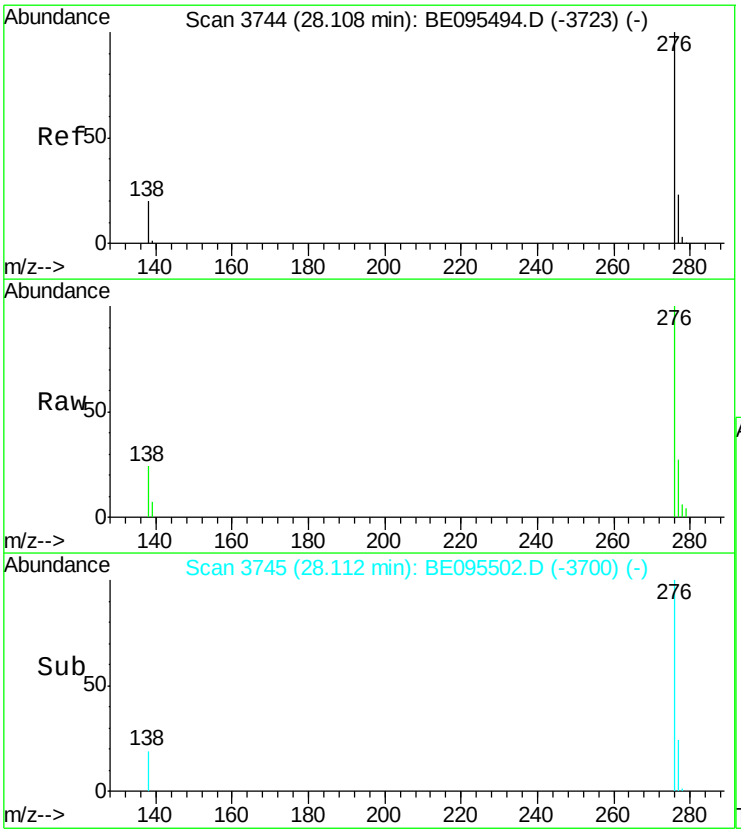

#26
Benzo(g,h,i)perylene
Concen: 0.402 ng/ul
RT: 28.11 min Scan# 3745
Delta R.T. 0.00 min
Lab File: BE095502.D
Acq: 5 Feb 2018 21:57

Tgt Ion:276 Resp: 9271

Ion	Ratio	Lower	Upper
276	100		
138	24.3	21.8	32.8
277	27.5	20.5	30.7