Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA E\DATA\BE012618\
Data File : BE095157.D
Acq On : 27 Jan 2018 8:39
Operator : SJ/JU
Sample : J1174-02
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A01

Manual Integrations APPROVED
Sohil
1/29/2018 6:34:35 PM

Quant Time: Jan 29 09:25:41 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 Jan 27 03:18:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3584	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	11352	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7141	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	16312m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	17627	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	16313m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	3845	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	13063	0.21	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	17.36	266	2827	0.895	ng/ul	97
12) Phenanthrene	17.75	178	1312	0.024	ng/ul#	87
13) Anthracene	17.84	178	1385	0.028	ng/ul#	87
15) Fluoranthene	19.73	202	6172	0.087	ng/ul	84
17) Pyrene	20.08	202	7400m	0.125	ng/ul	
18) Benzo(a)anthracene	21.79	228	2177	0.040	ng/ul#	78
19) Chrysene	21.84	228	5949	0.104	ng/ul#	86
21) Benzo(b)fluoranthene	23.62	252	6342m	0.110	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1343m	0.026	ng/ul	

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

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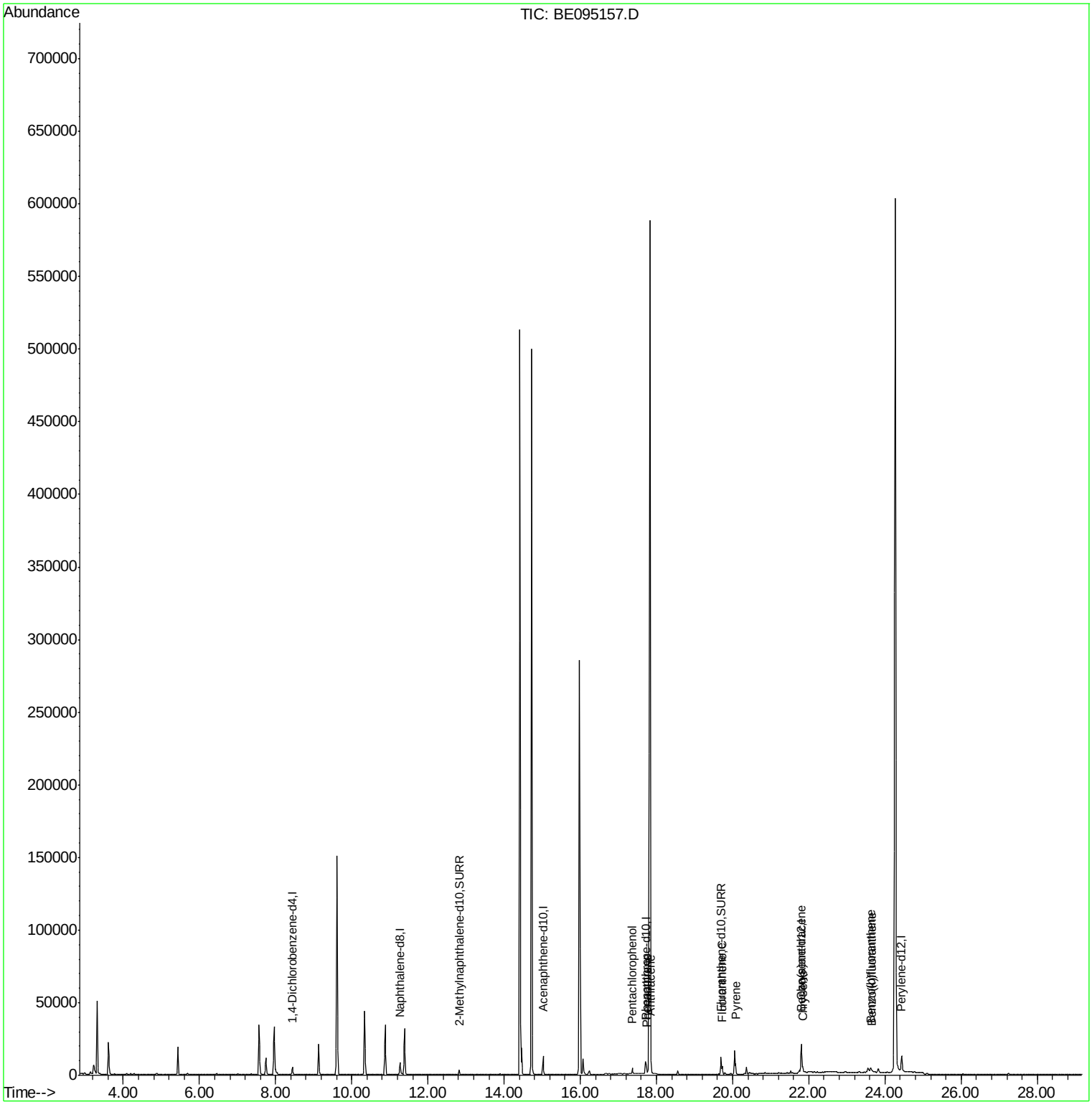
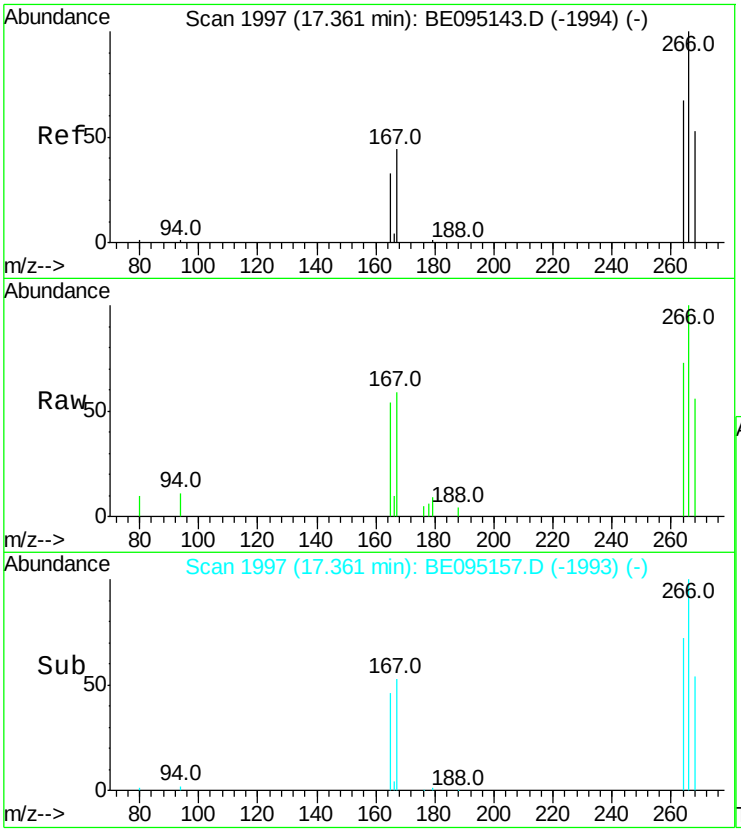
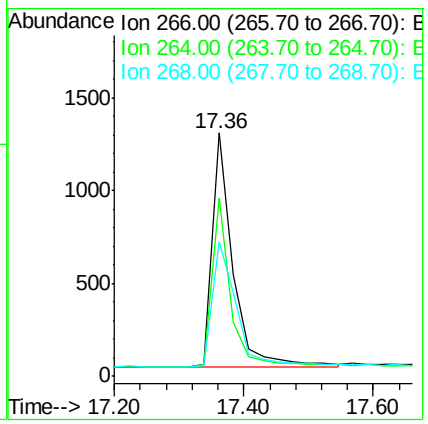




#11
Pentachlorophenol
Concen: 0.895 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:266 Resp: 2827

Ion	Ratio	Lower	Upper
266	100		
264	65.2	47.9	71.9
268	62.4	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6A01

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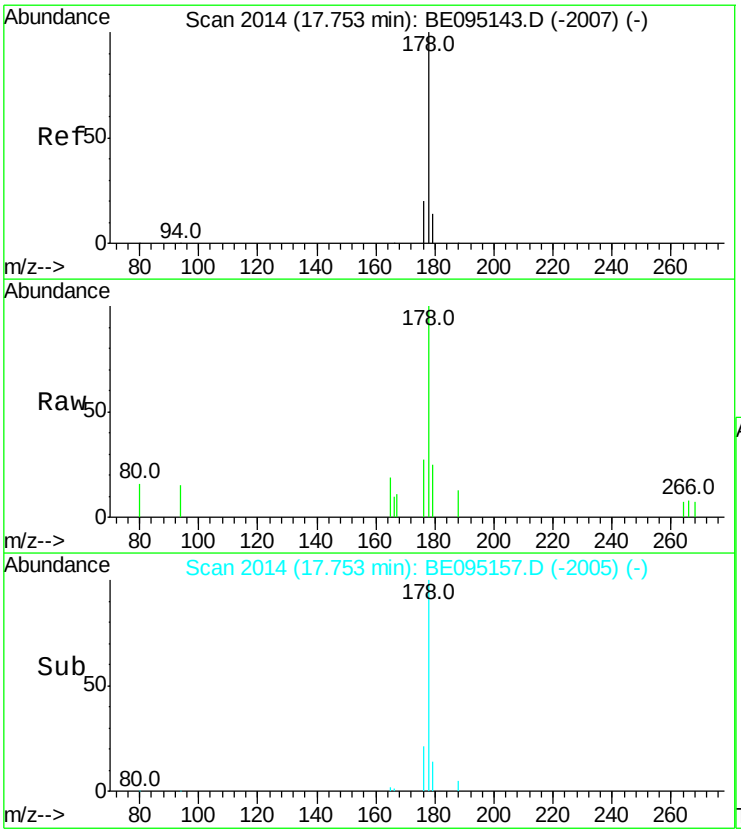
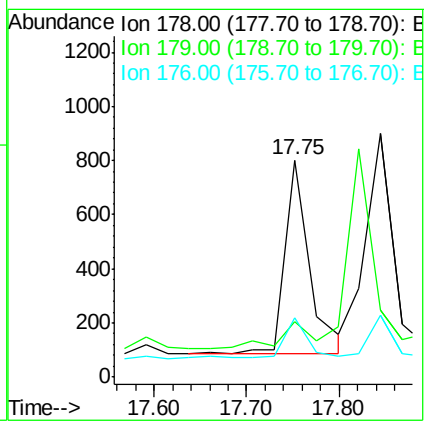
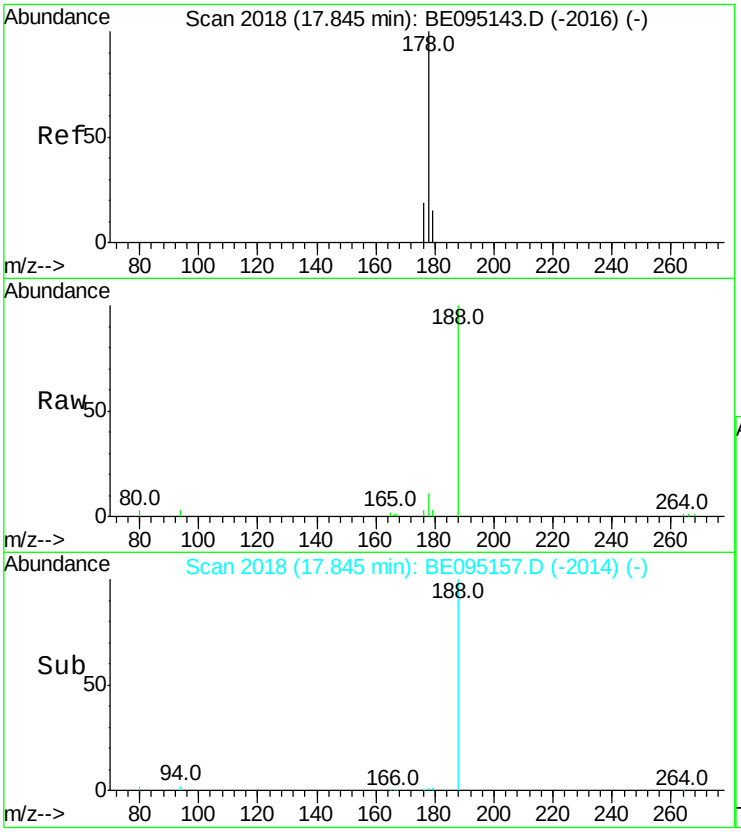


#12
Phenanthrene
Concen: 0.024 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:178 Resp: 1312

Ion	Ratio	Lower	Upper
178	100		
179	25.4	18.4	27.6
176	27.3	13.6	20.4#





#13
Anthracene
Concen: 0.028 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:178 Resp: 1385

Ion	Ratio	Lower	Upper
178	100		
179	27.4	18.1	27.1#
176	25.6	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F6A01

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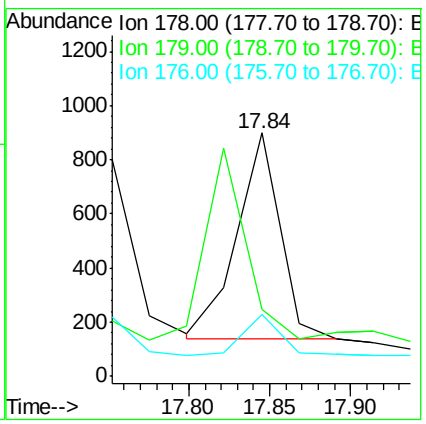
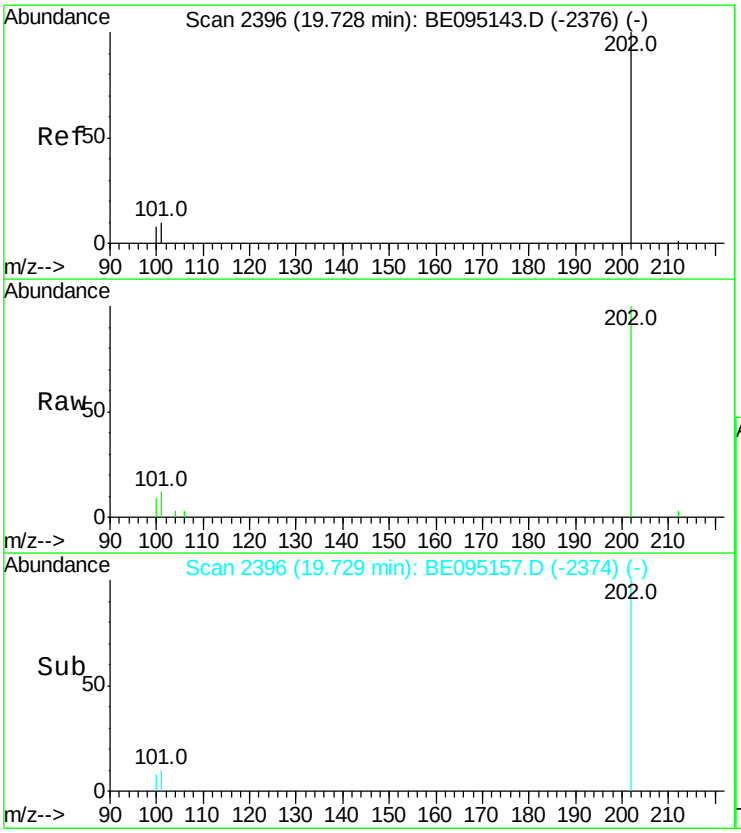
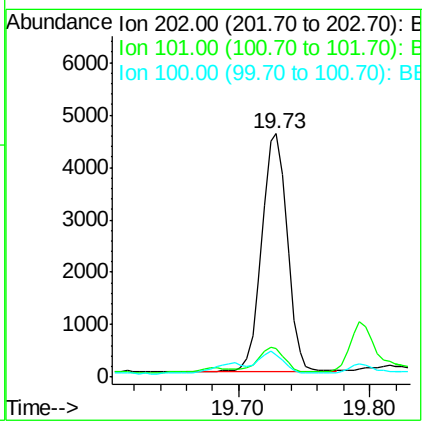


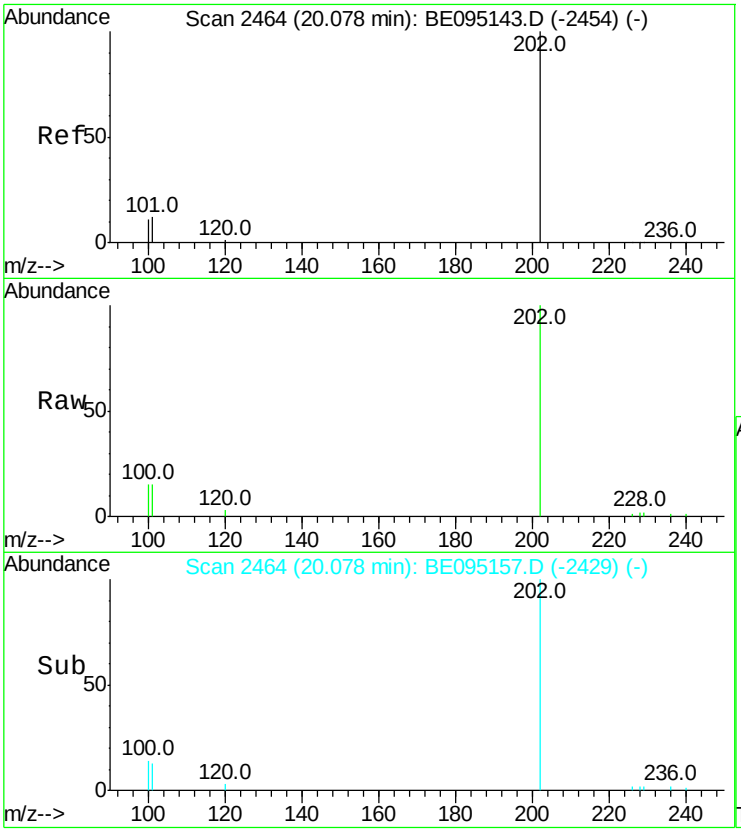


#15
Fluoranthene
Concen: 0.087 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:202 Resp: 6172

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.2	0.0	39.5





#17
Pyrene
Concen: 0.125 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:202 Resp: 7400

Ion	Ratio	Lower	Upper
202	100		
101	14.9	18.2	27.4#
100	14.7	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F6A01

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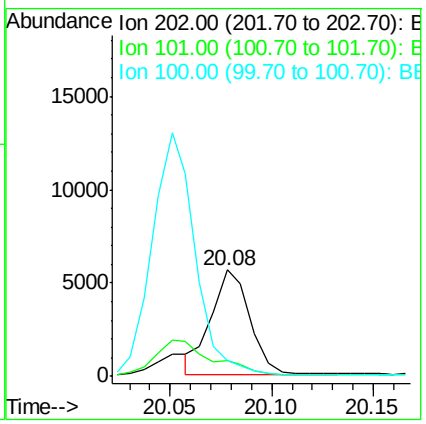
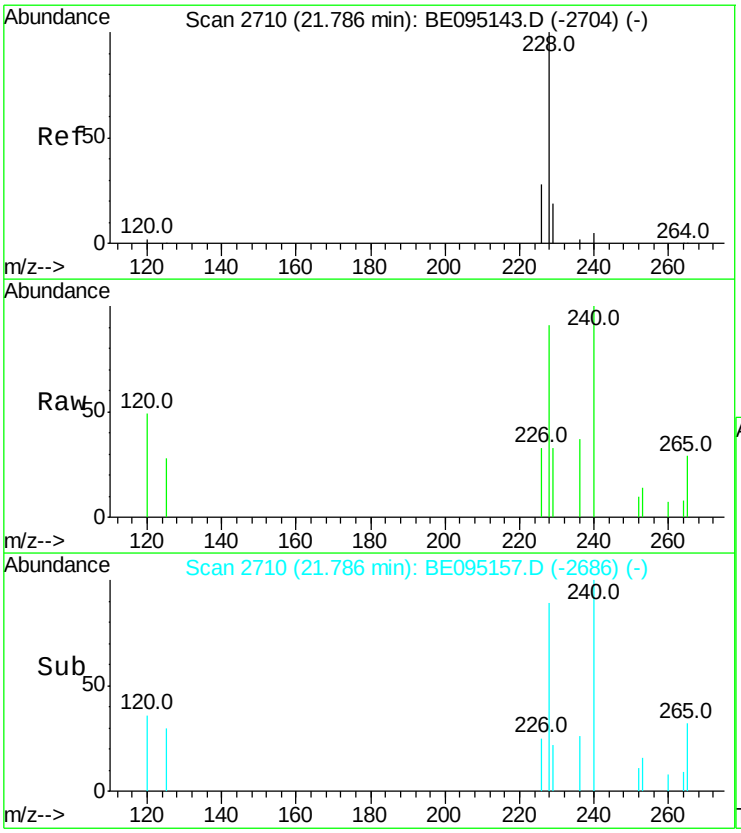
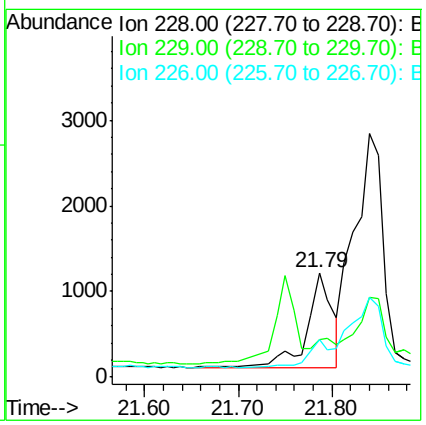


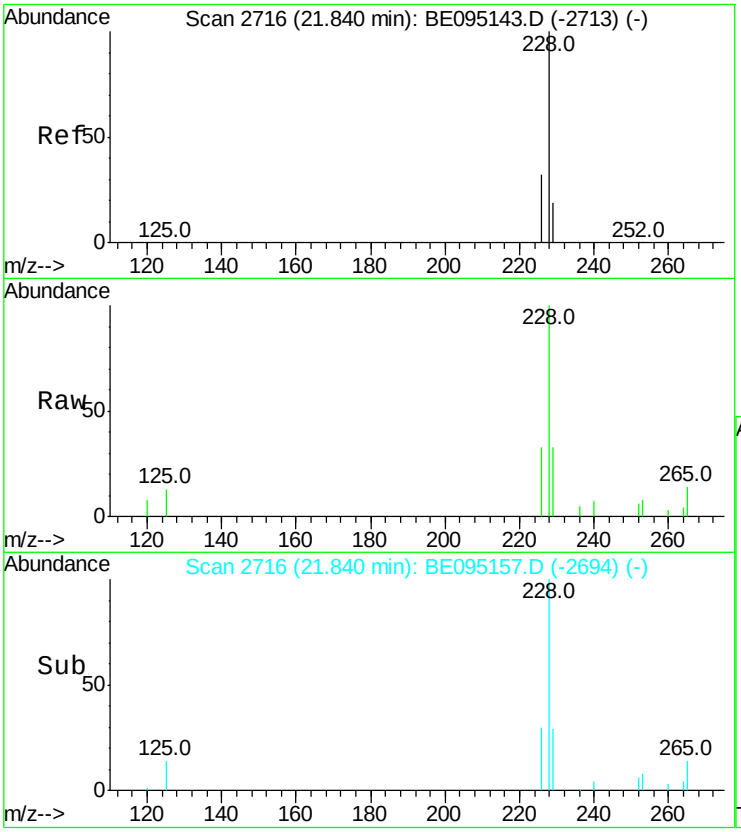


#18
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:228 Resp: 2177

Ion	Ratio	Lower	Upper
228	100		
229	36.5	22.8	34.2#
226	35.8	17.0	25.6#





#19
Chrysene
Concen: 0.104 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:228 Resp: 5949

Ion	Ratio	Lower	Upper
228	100		
226	32.9	23.4	35.0
229	32.9	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6A01

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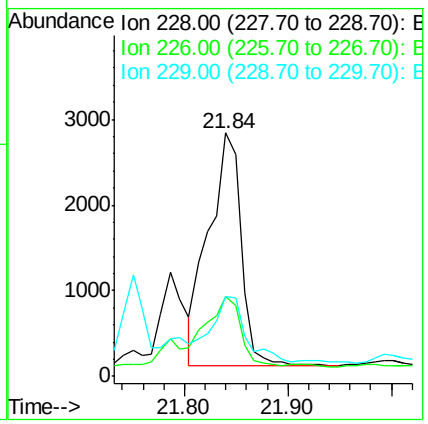
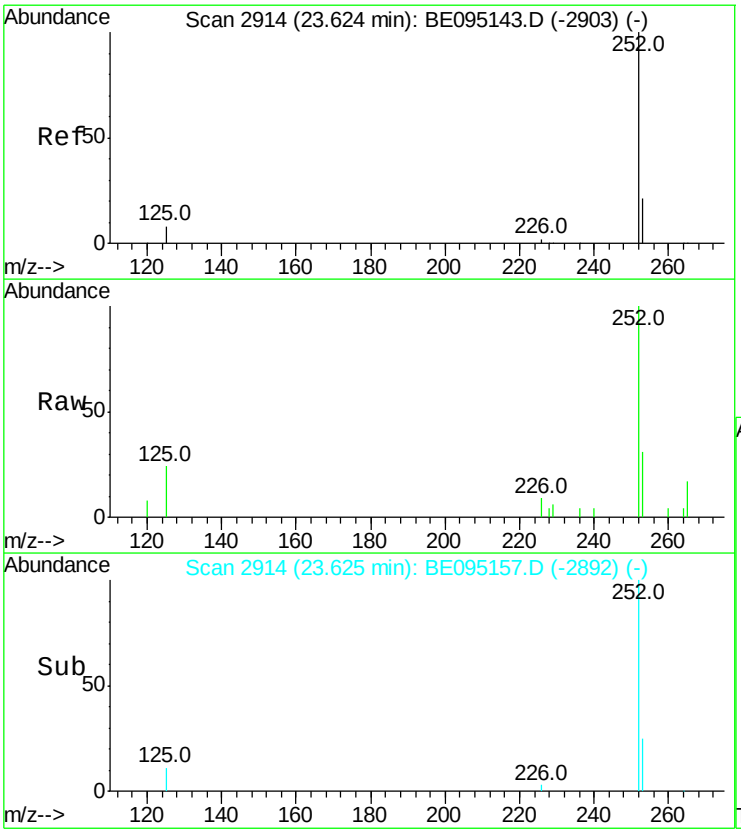
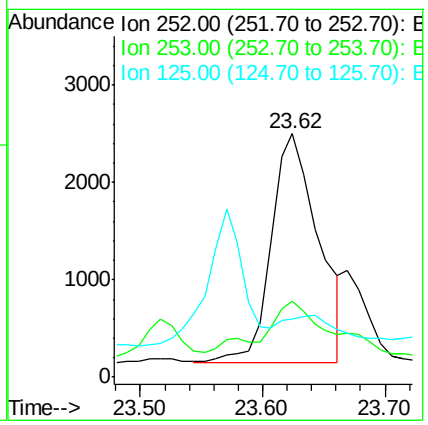


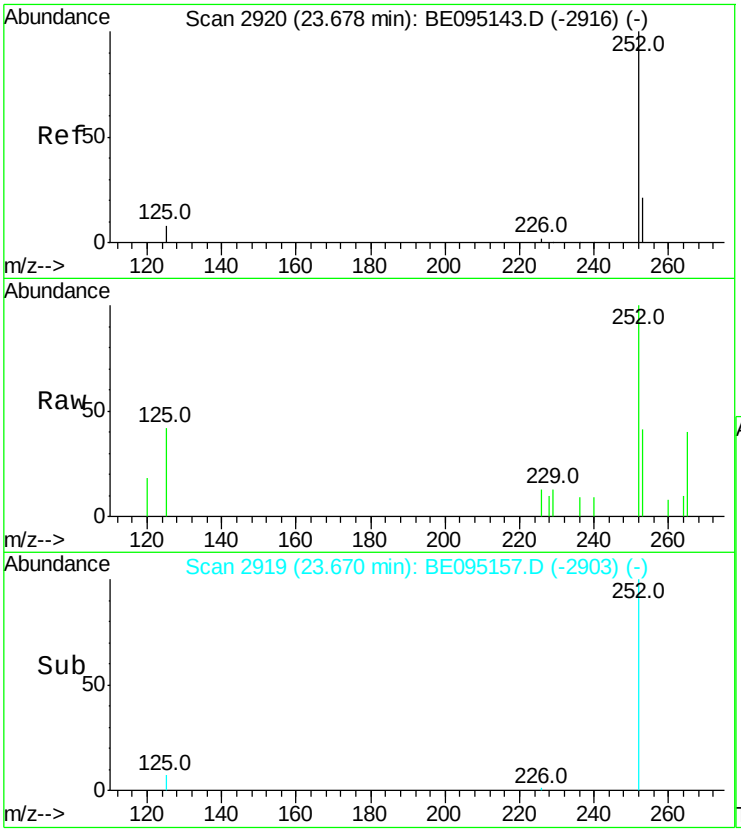


#21
Benzo(b)fluoranthene
Concen: 0.110 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.00 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:252 Resp: 6342

Ion	Ratio	Lower	Upper
252	100		
253	31.3	0.0	64.2
125	23.8	0.0	35.0

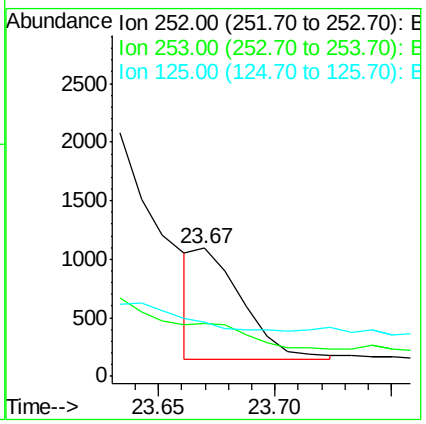




#22
Benzo(k)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. -0.01 min
Lab File: BE095157.D
Acq: 27 Jan 2018 8:39

Tgt Ion:252 Resp: 1343

Ion	Ratio	Lower	Upper
252	100		
253	40.8	24.5	36.7#
125	41.8	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F6A01

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