Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE012718\
Data File : BE095192.D
Acq On : 28 Jan 2018 6:16
Operator : SJ/JU
Sample : J1221-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6A66

Manual Integrations APPROVED
Sohil
1/29/2018 6:22:24 PM

Quant Time: Jan 29 01:02:13 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 00:15:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	3465	0.40	ng/ul	0.00
2) Naphthalene-d8	11.27	136	10926	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	7058	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.73	188	14639m	0.40	ng/ul	0.02
16) Chrysene-d12	21.80	240	15197	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	13279m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.82	152	6924	0.39	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	19282	0.34	ng/ul	0.00
Target Compounds						Qvalue
11) Pentachlorophenol	17.36	266	6277	2.214	ng/ul	95
12) Phenanthrene	17.75	178	2607	0.053	ng/ul#	88
13) Anthracene	17.85	178	1164	0.026	ng/ul#	78
15) Fluoranthene	19.73	202	4968	0.078	ng/ul	84
17) Pyrene	20.08	202	4453m	0.087	ng/ul	
18) Benzo(a)anthracene	21.79	228	1769m	0.037	ng/ul	
19) Chrysene	21.84	228	1714m	0.035	ng/ul	
21) Benzo(b)fluoranthene	23.62	252	2590m	0.055	ng/ul	
22) Benzo(k)fluoranthene	23.65	252	942m	0.022	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	886m	0.023	ng/ul	

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

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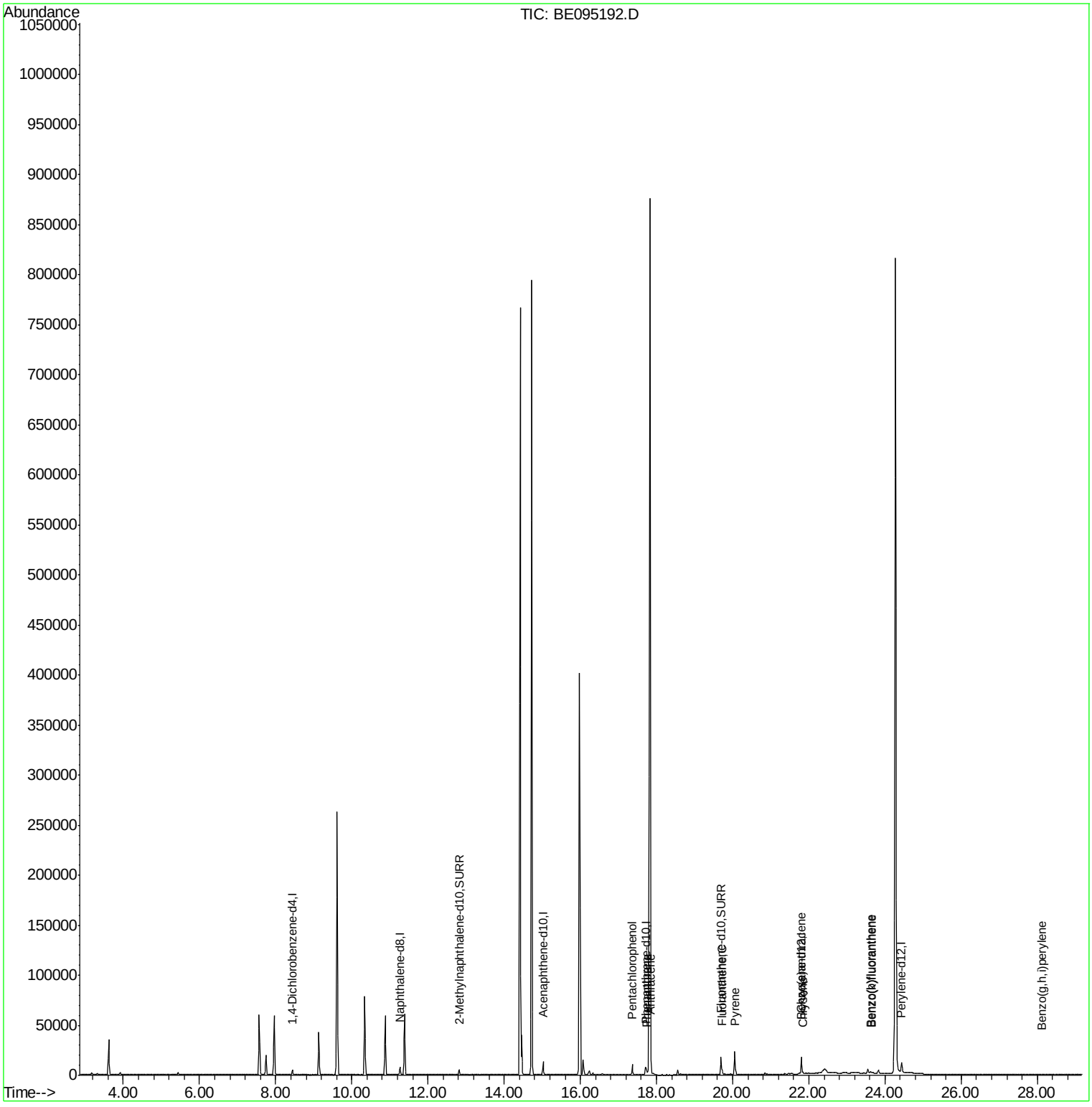
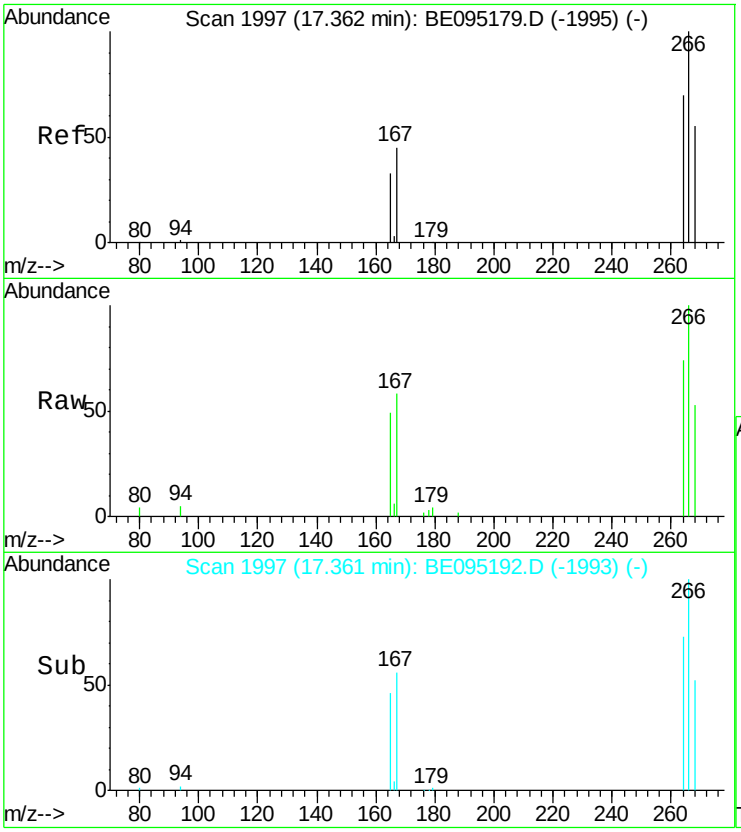
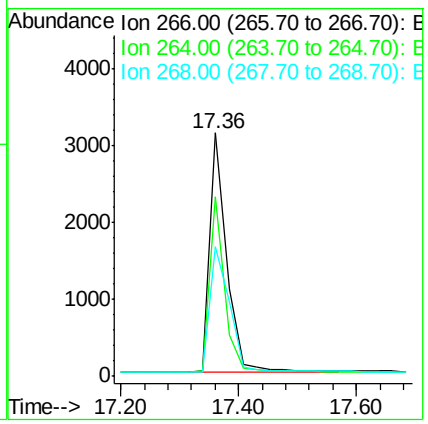




#11
Pentachlorophenol
Concen: 2.214 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:266 Resp: 6277

Ion	Ratio	Lower	Upper
266	100		
264	66.0	47.9	71.9
268	61.1	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6A66

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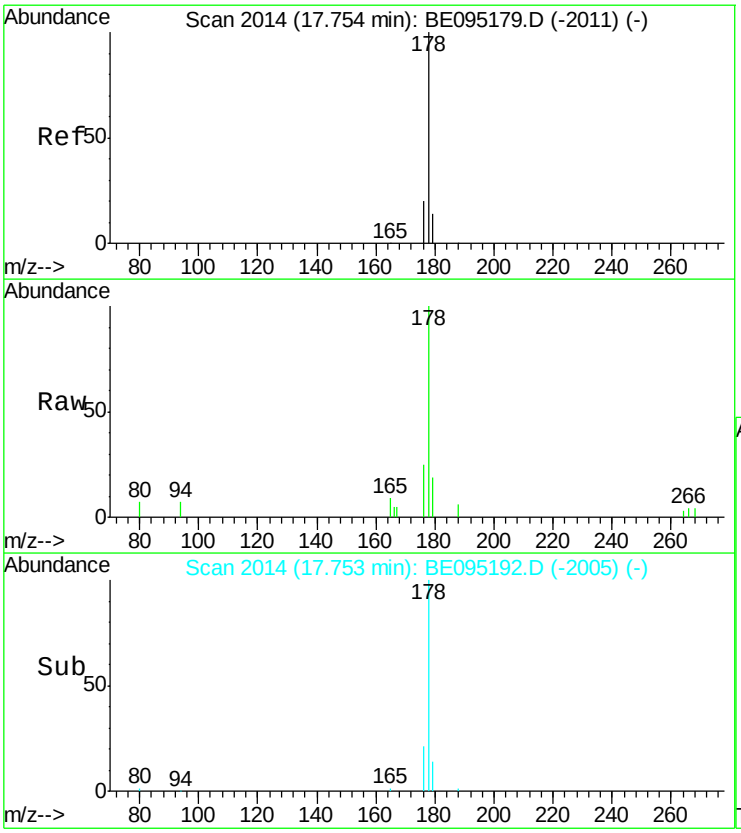
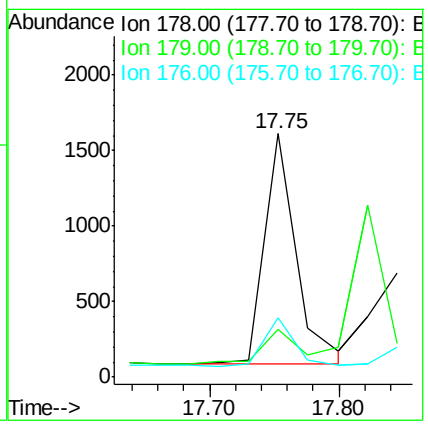
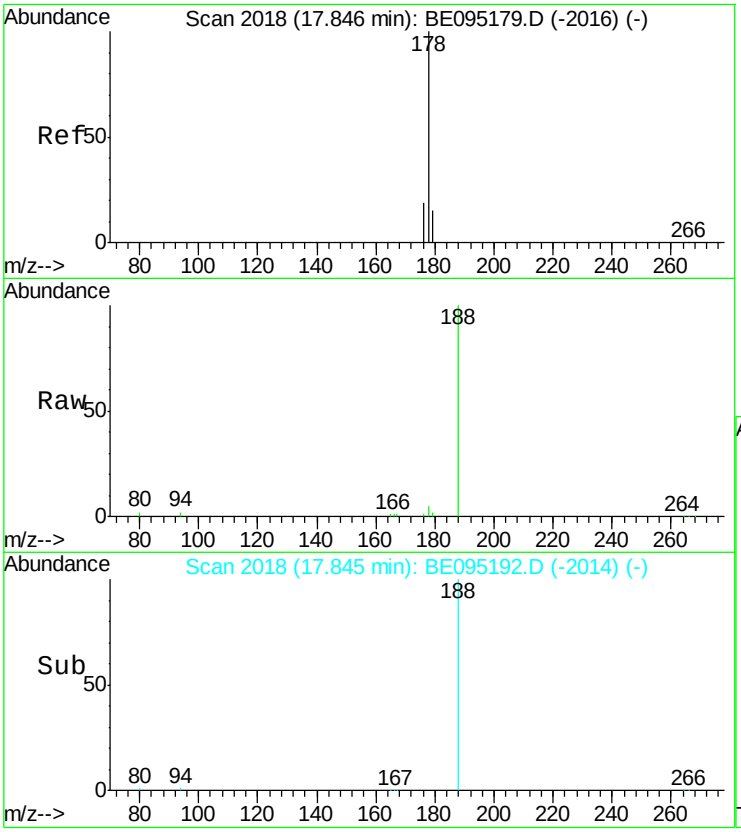


#12
Phenanthrene
Concen: 0.053 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:178 Resp: 2607

Ion	Ratio	Lower	Upper
178	100		
179	19.5	18.4	27.6
176	24.6	13.6	20.4#





#13
Anthracene
Concen: 0.026 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:178 Resp: 1164

Ion	Ratio	Lower	Upper
178	100		
179	32.6	18.1	27.1#
176	28.5	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F6A66

Manual Integrations APPROVED
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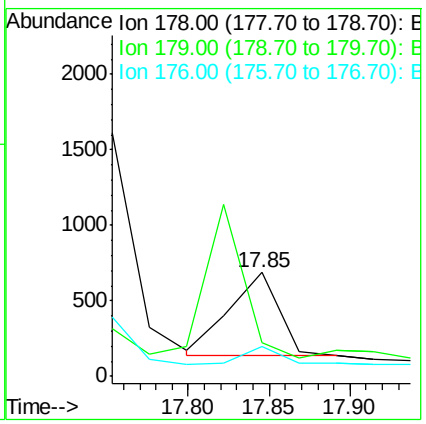
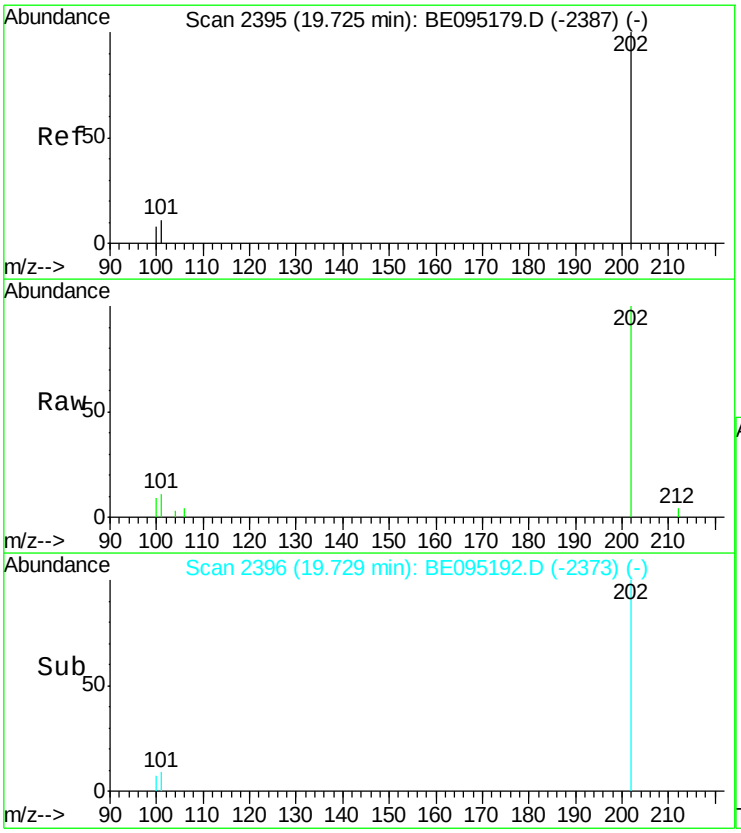
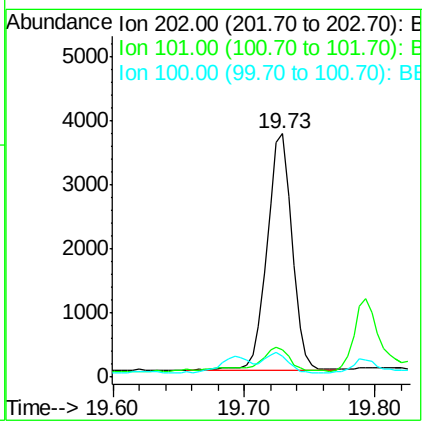


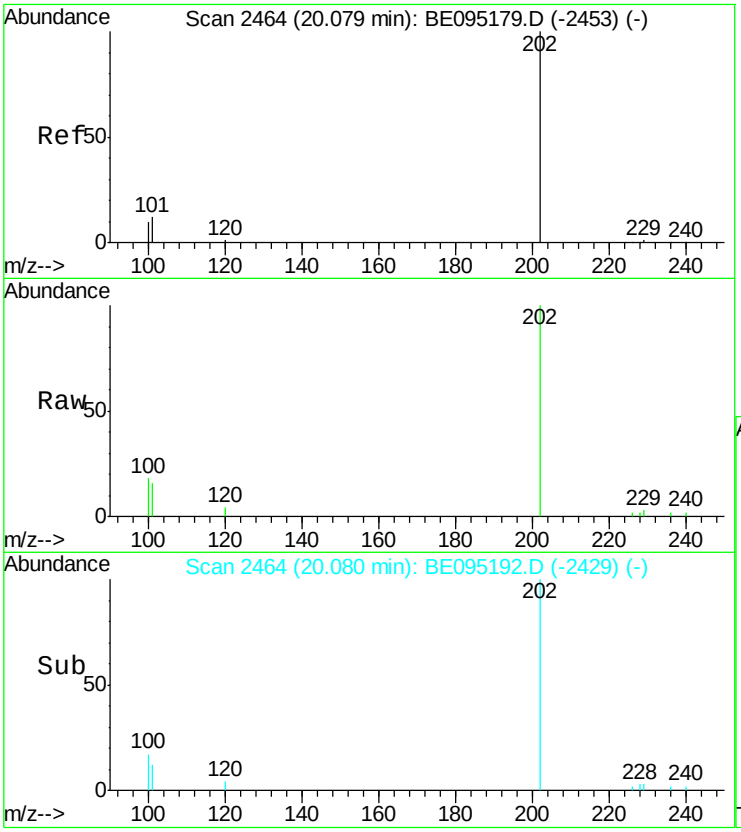


#15
Fluoranthene
Concen: 0.078 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:202 Resp: 4968

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.7	0.0	39.5





#17
Pyrene
Concen: 0.087 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:202 Resp: 4453

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	18.0	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
F6A66

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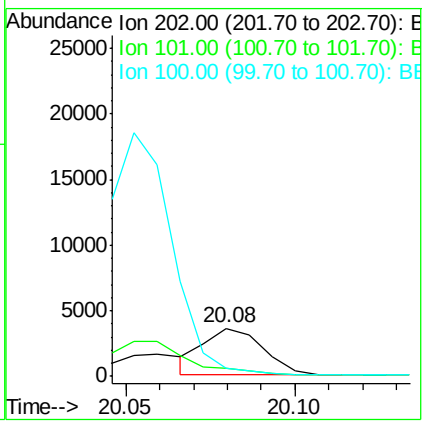
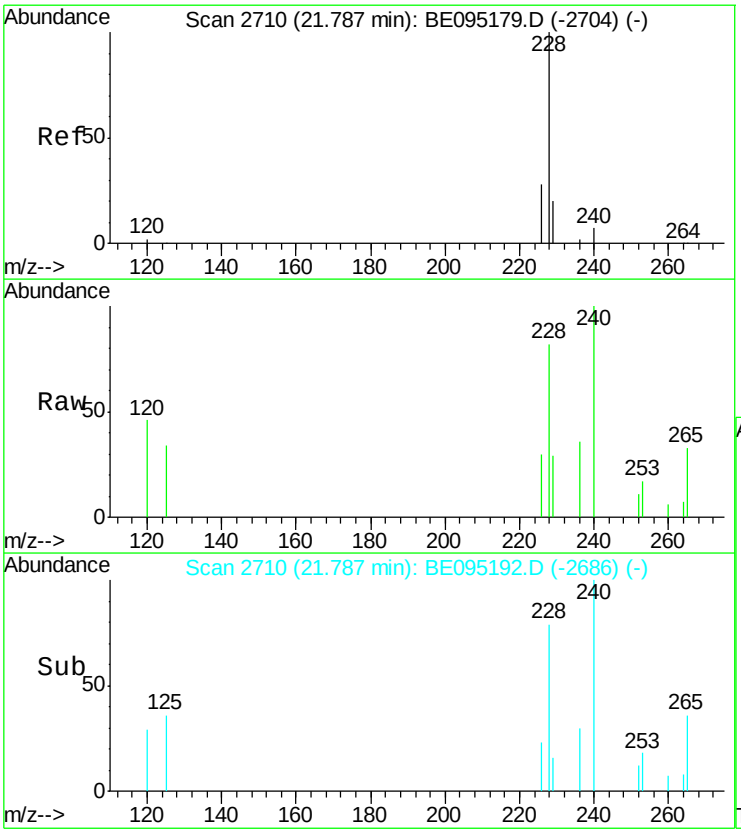
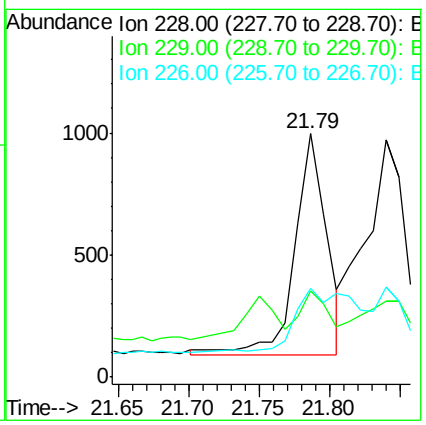


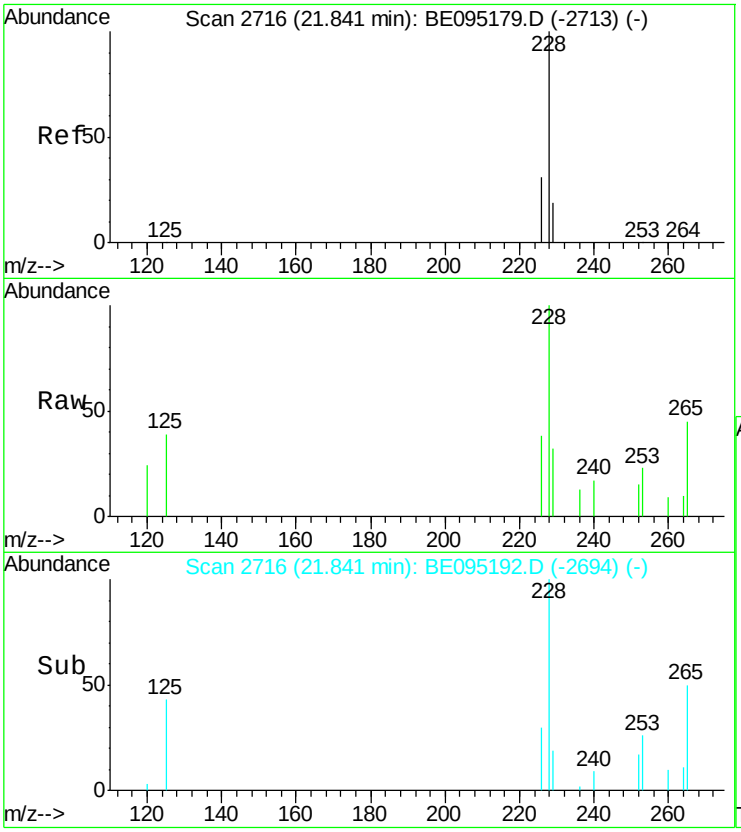


#18
Benzo(a)anthracene
Concen: 0.037 ng/ul m
RT: 21.79 min Scan# 2710
Delta R.T. -0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:228 Resp: 1769

Ion	Ratio	Lower	Upper
228	100		
229	35.3	22.8	34.2#
226	36.6	17.0	25.6#





#19
Chrysene
Concen: 0.035 ng/ul m
RT: 21.84 min Scan# 2716
Delta R.T. -0.00 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:228 Resp: 1714

Ion	Ratio	Lower	Upper
228	100		
226	37.6	23.4	35.0#
229	32.2	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
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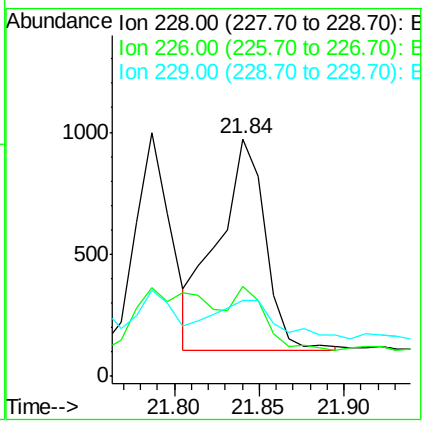
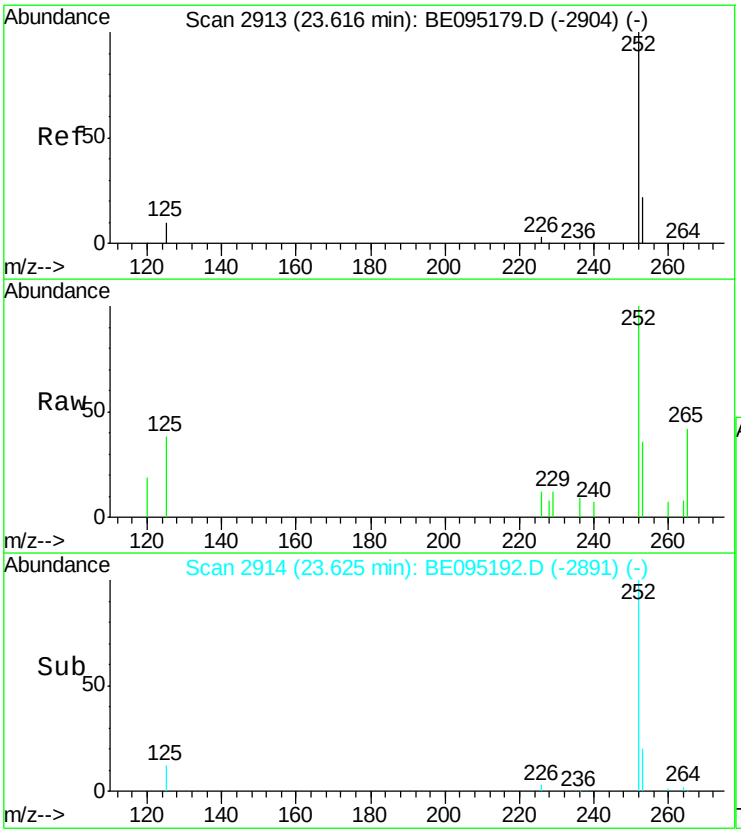
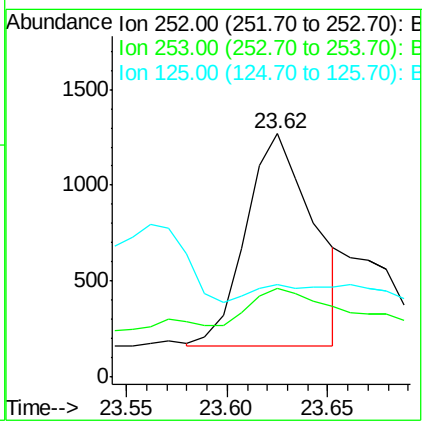


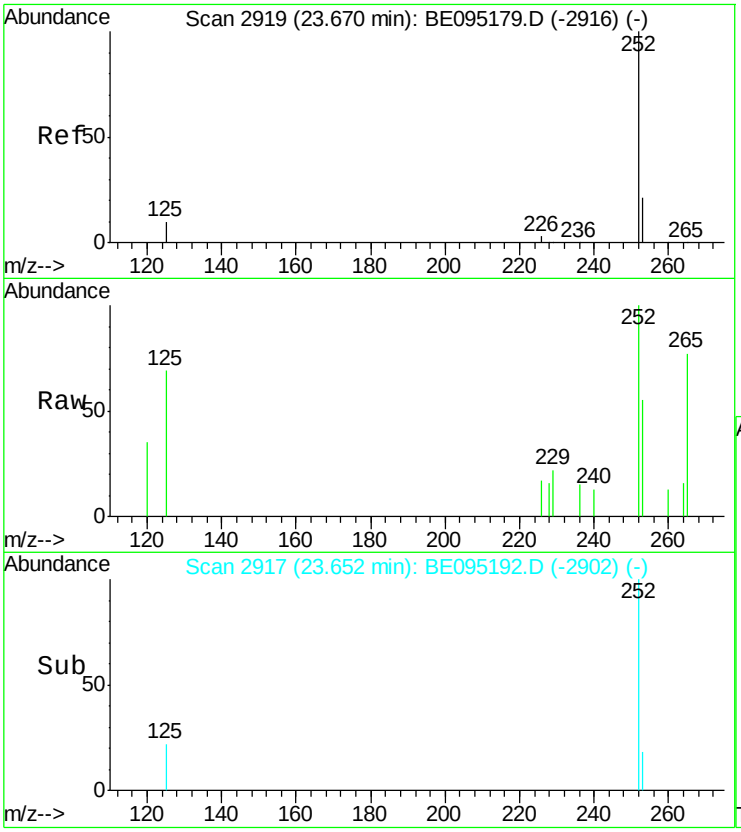


#21
Benzo(b)fluoranthene
Concen: 0.055 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:252 Resp: 2590

Ion	Ratio	Lower	Upper
252	100		
253	36.2	0.0	64.2
125	37.9	0.0	35.0#

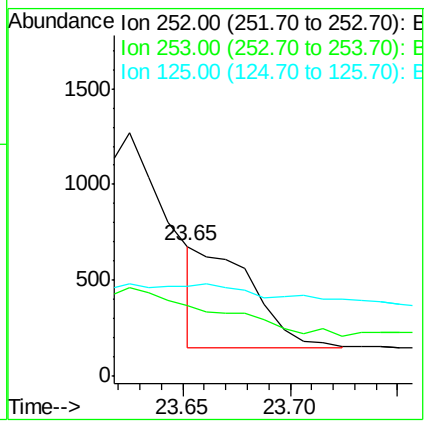




#22
Benzo(k)fluoranthene
Concen: 0.022 ng/ul m
RT: 23.65 min Scan# 2917
Delta R.T. -0.02 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:252 Resp: 942

Ion	Ratio	Lower	Upper
252	100		
253	54.5	24.5	36.7#
125	69.1	13.7	20.5#



Instrument :
BNA_E
ClientSampleId :
F6A66

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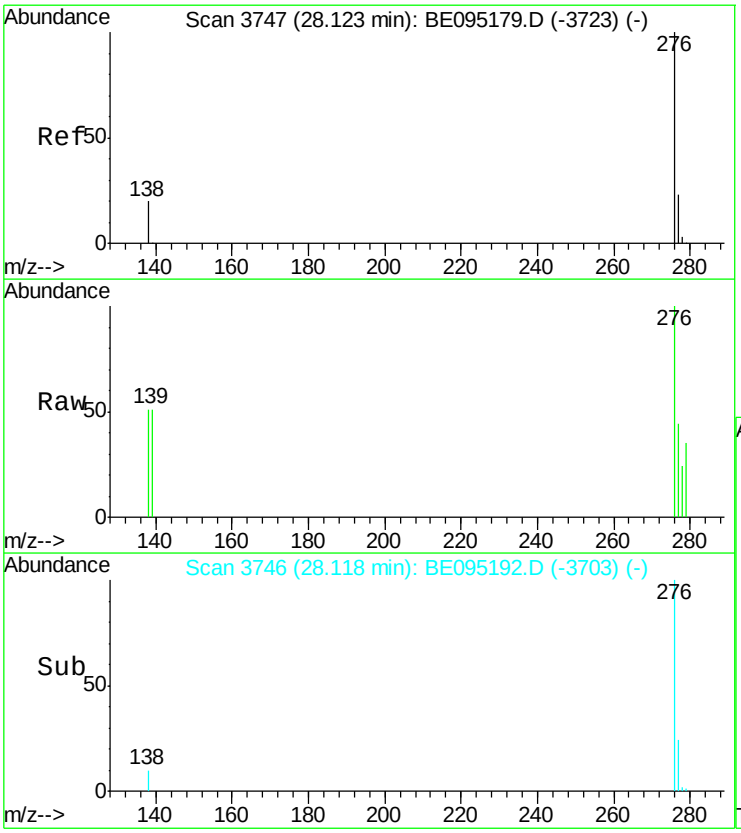

#26
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul m
RT: 28.12 min Scan# 3746
Delta R.T. -0.01 min
Lab File: BE095192.D
Acq: 28 Jan 2018 6:16

Tgt Ion:276 Resp: 886

Ion	Ratio	Lower	Upper
276	100		
138	51.2	21.8	32.8#
277	44.1	20.5	30.7#