Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE121817\
Data File : BE095013.D
Acq On : 18 Dec 2017 17:04
Operator : SJ/JU
Sample : I6900-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : F9C00

Manual Integrations APPROVED
Sohil
12/19/2017 4:59:28 PM

Quant Time: Dec 19 04:34:38 2017
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE121817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 19 04:08:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	4540	0.40	ng/ul	0.00
2) Naphthalene-d8	11.29	136	16060	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.05	164	9677	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.75	188	21462m	0.40	ng/ul	0.00
16) Chrysene-d12	21.84	240	19819	0.40	ng/ul	0.00
20) Perylene-d12	24.50	264	16269m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.85	152	9118	0.34	ng/ul	0.00
14) Fluoranthene-d10	19.73	212	24723	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.34	128	3934	0.092	ng/ul#	90
5) 2-Methylnaphthalene	12.92	142	1389	0.042	ng/ul	99
7) Acenaphthylene	14.77	152	4431	0.100	ng/ul#	96
8) Acenaphthene	15.11	153	43317	1.274	ng/ul	94
9) Fluorene	16.07	166	37769	1.000	ng/ul	93
12) Phenanthrene	17.78	178	73821m	1.306	ng/ul	
13) Anthracene	17.85	178	5357m	0.100	ng/ul	
15) Fluoranthene	19.76	202	65578	0.890	ng/ul	84
17) Pyrene	20.11	202	14487	0.210	ng/ul#	84

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

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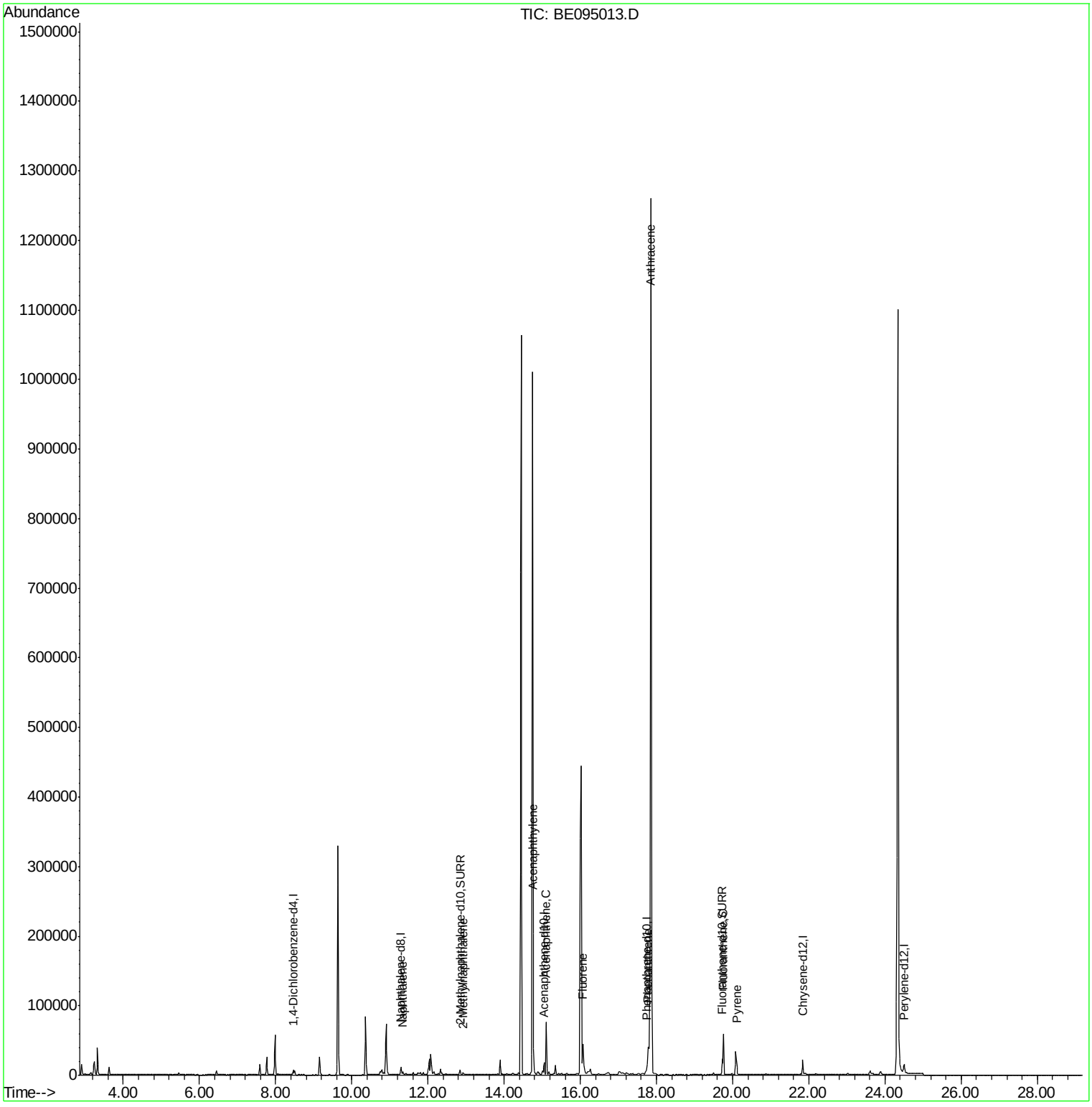

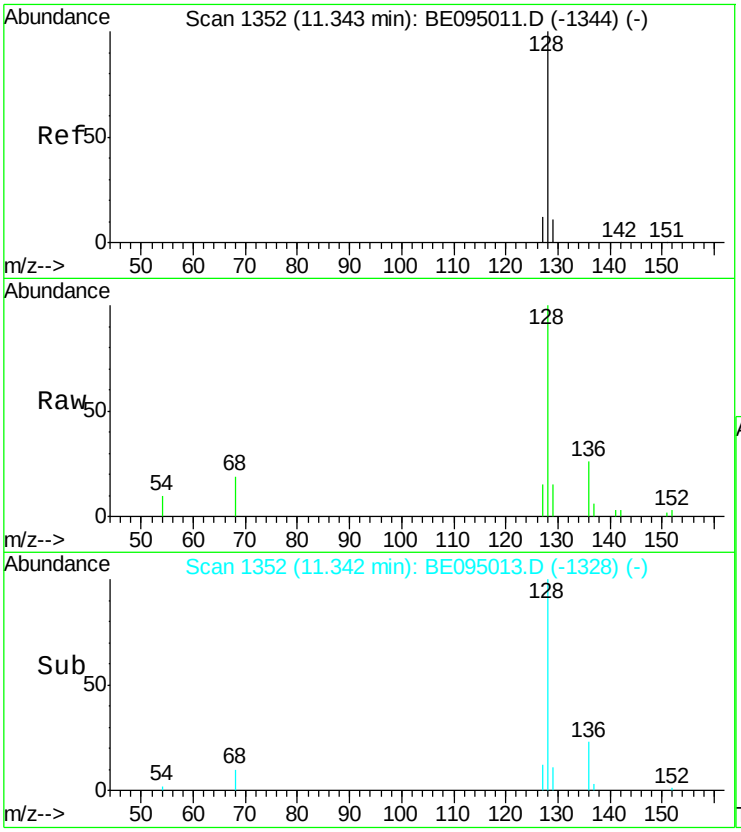

#3
Naphthalene
Concen: 0.092 ng/ul
RT: 11.34 min Scan# 1352
Delta R.T. -0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:128 Resp: 3934

Ion	Ratio	Lower	Upper
128	100		
129	15.3	11.3	16.9
127	15.3	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F9C00

Manual Integrations APPROVED
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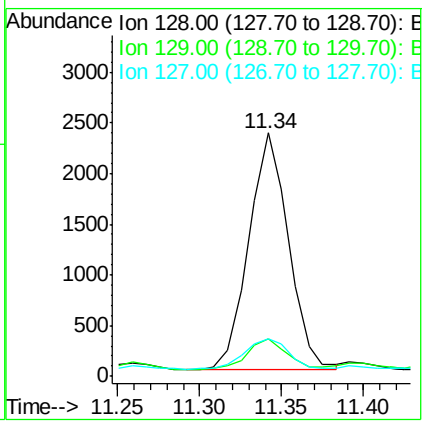
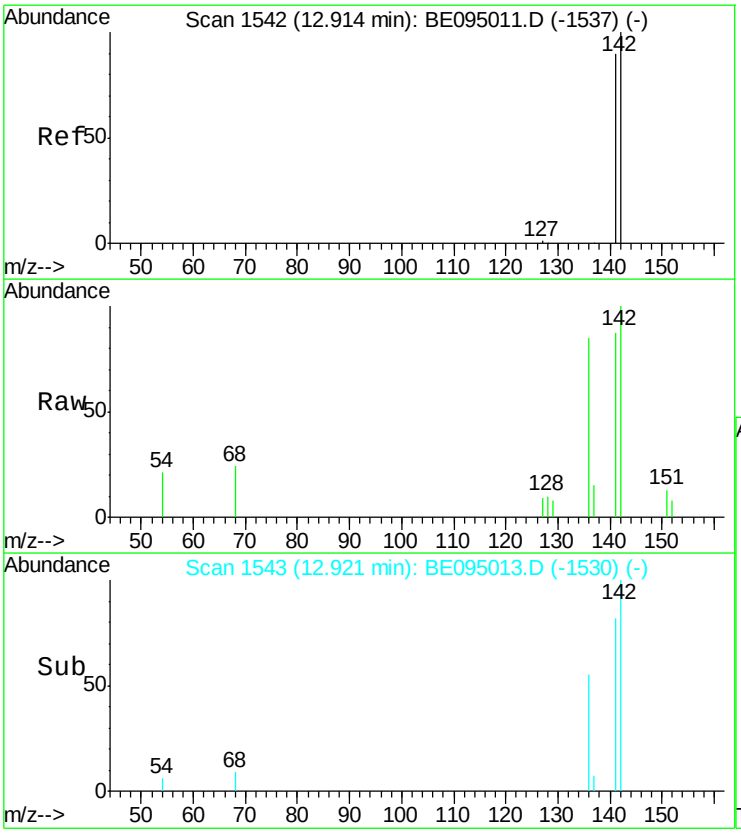
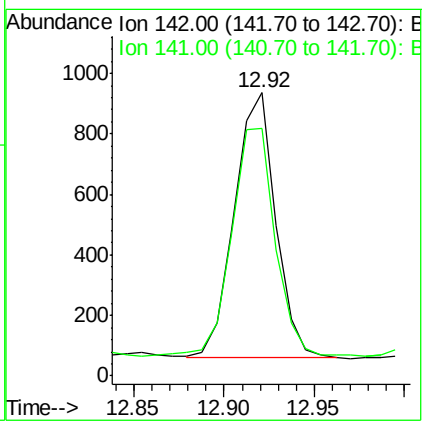


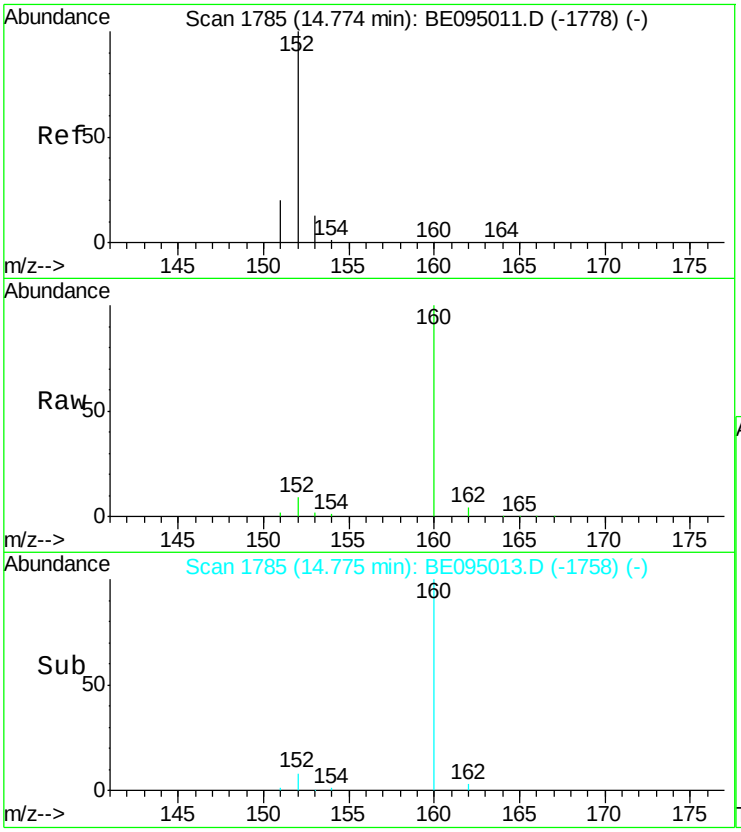


#5
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.92 min Scan# 1543
Delta R.T. 0.01 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:142 Resp: 1389

Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.6	108.8

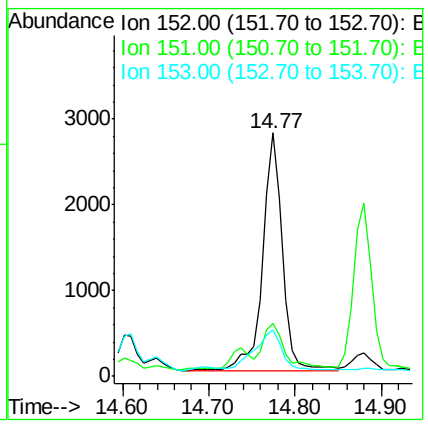




#7
Acenaphthylene
Concen: 0.100 ng/ul
RT: 14.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:152 Resp: 4431

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



Instrument :
BNA_E
ClientSampleId :
F9C00

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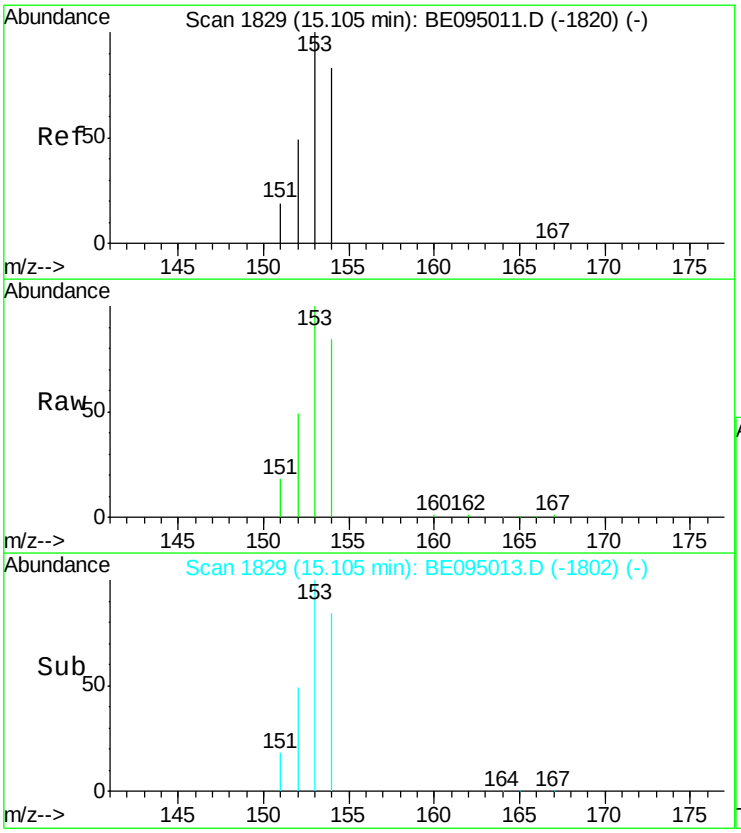
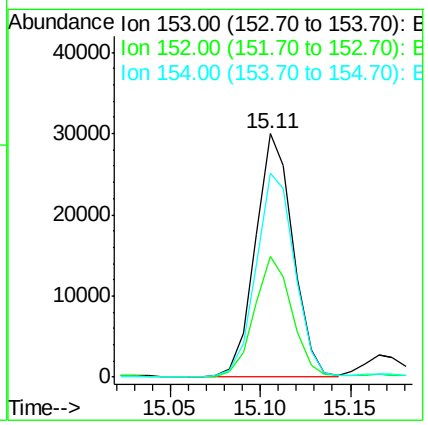
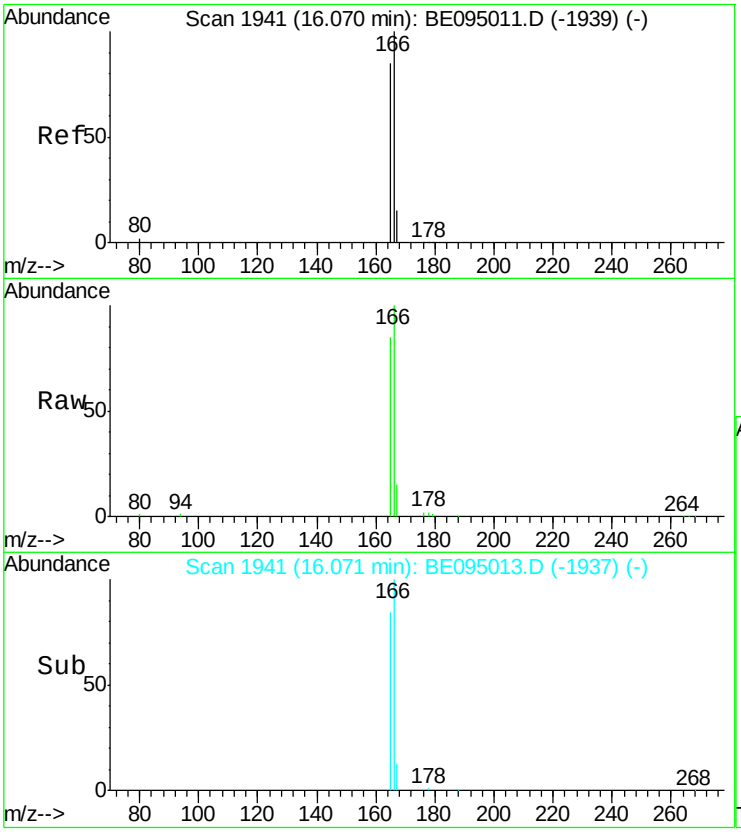


#8
Acenaphthene
Concen: 1.274 ng/ul
RT: 15.11 min Scan# 1829
Delta R.T. 0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:153 Resp: 43317

Ion	Ratio	Lower	Upper
153	100		
152	49.4	36.0	54.0
154	84.0	72.0	108.0

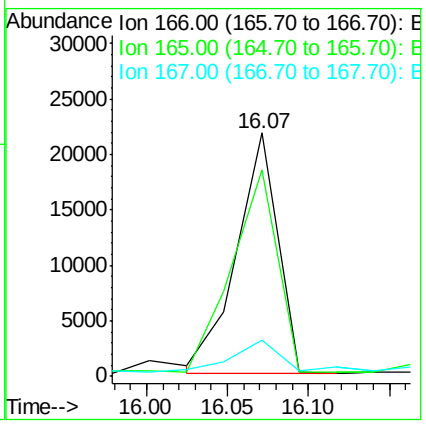




#9
Fluorene
Concen: 1.000 ng/ul
RT: 16.07 min Scan# 1941
Delta R.T. 0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:166 Resp: 37769

Ion	Ratio	Lower	Upper
166	100		
165	85.0	73.4	110.2
167	15.1	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F9C00

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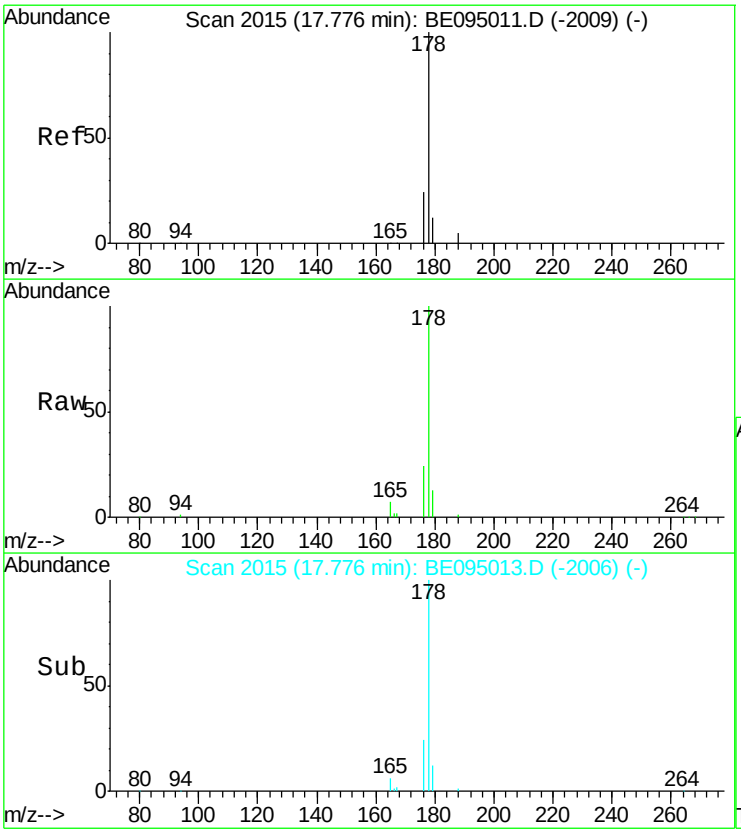
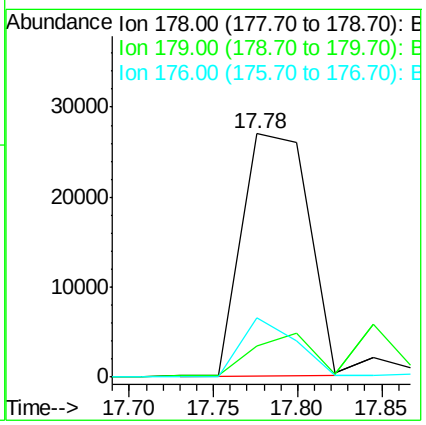
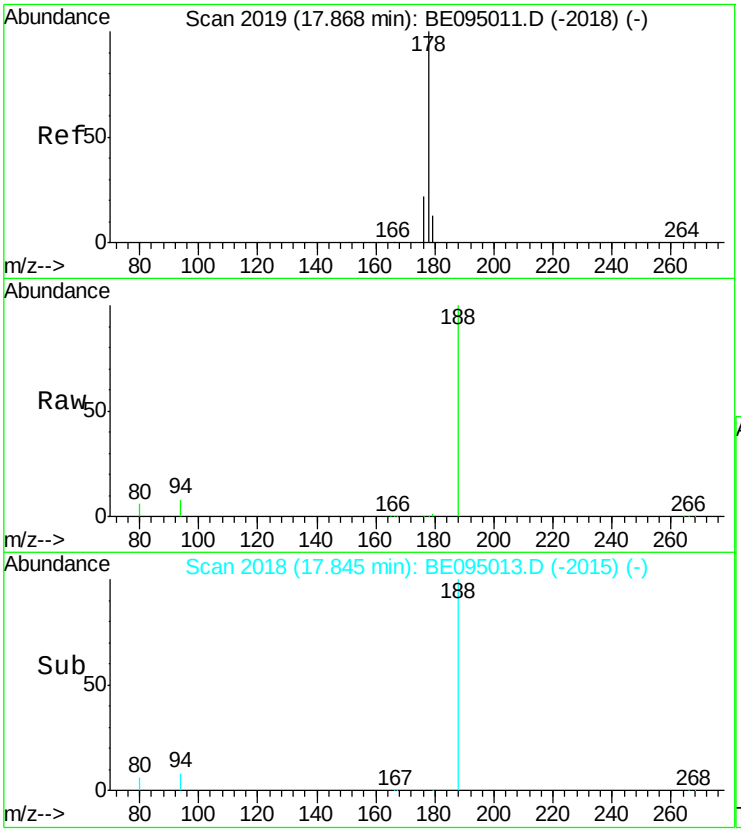


#12
Phenanthrene
Concen: 1.306 ng/ul m
RT: 17.78 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:178 Resp: 73821

Ion	Ratio	Lower	Upper
178	100		
179	12.7	18.4	27.6#
176	24.5	13.6	20.4#





#13
Anthracene
Concen: 0.100 ng/ul m
RT: 17.85 min Scan# 2018
Delta R.T. -0.02 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:178 Resp: 5357

Ion	Ratio	Lower	Upper
178	100		
179	266.6	18.1	27.1#
176	11.3	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F9C00

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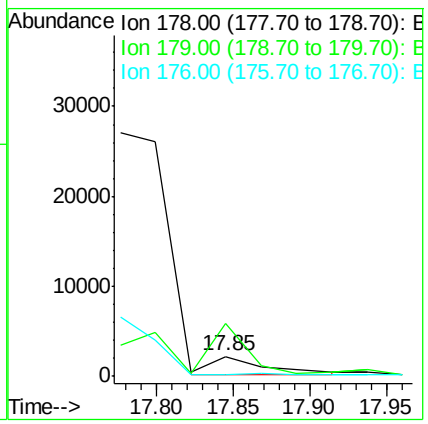
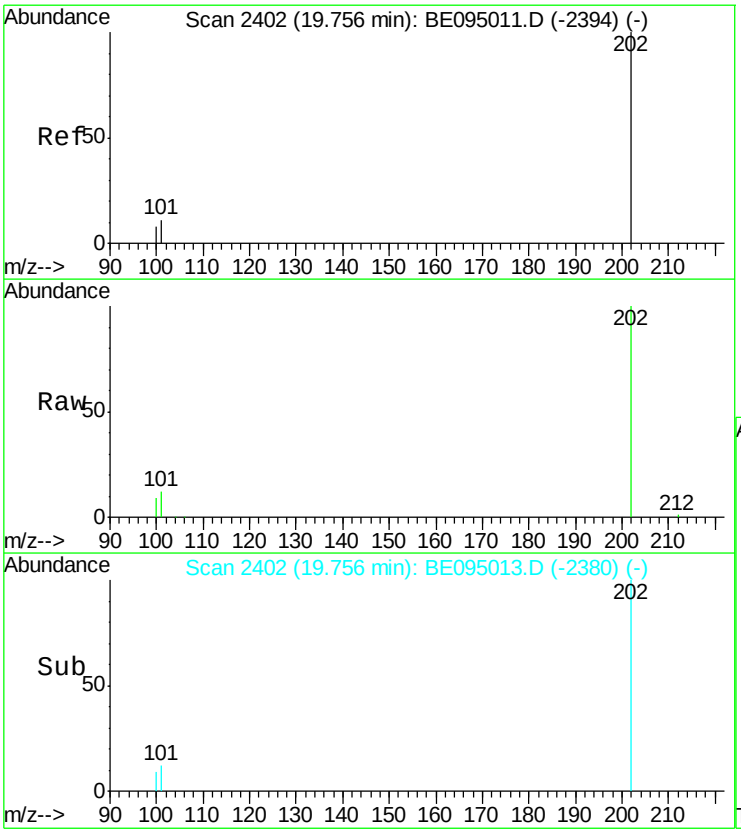
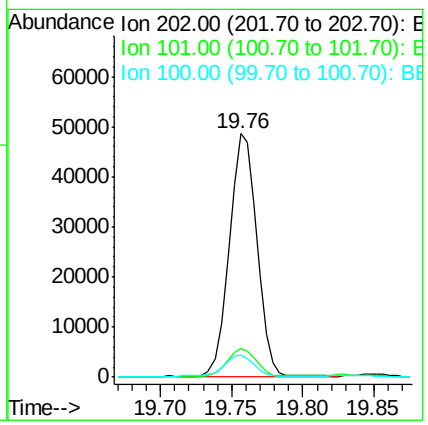


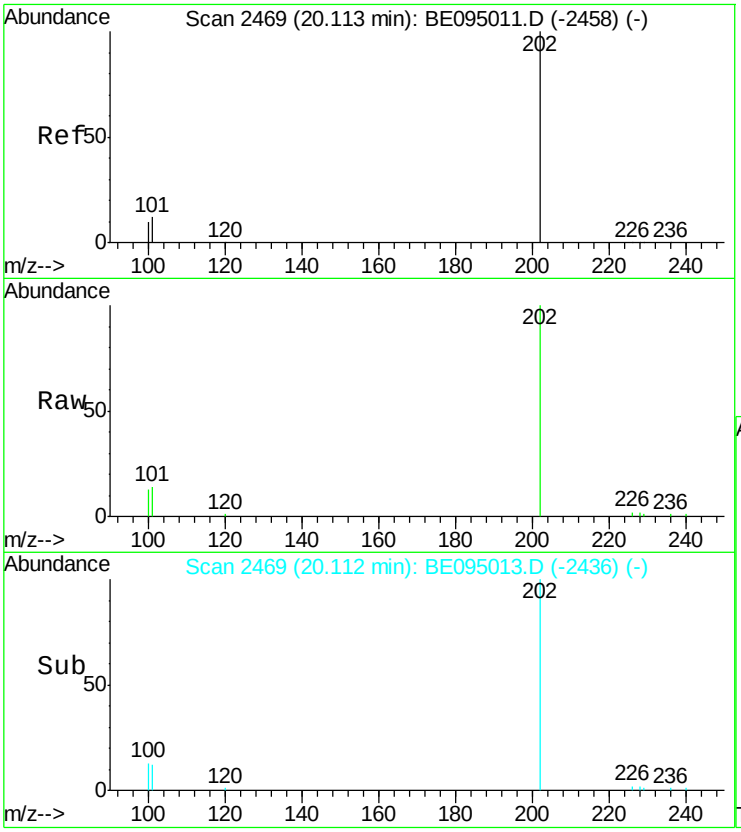


#15
Fluoranthene
Concen: 0.890 ng/ul
RT: 19.76 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:202 Resp: 65578

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	30.3
100	9.2	0.0	39.5

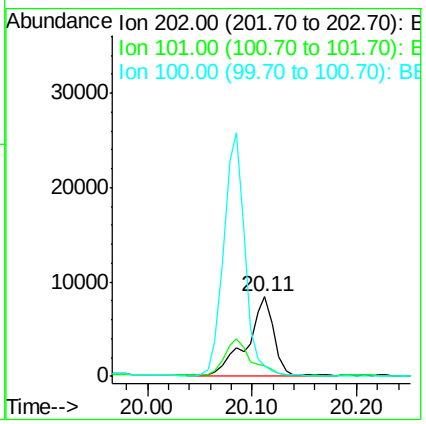




#17
Pyrene
Concen: 0.210 ng/ul
RT: 20.11 min Scan# 2469
Delta R.T. -0.00 min
Lab File: BE095013.D
Acq: 18 Dec 2017 17:04

Tgt Ion:202 Resp: 14487

Ion	Ratio	Lower	Upper
202	100		
101	13.6	18.2	27.4#
100	13.5	15.6	23.4#



Instrument :
BNA_E
ClientSampleId :
F9C00

Manual Integrations APPROVED
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