Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095251.D
Acq On : 29 Jan 2018 17:44
Operator : SJ/JU
Sample : J1233-19
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:08 PM

Quant Time: Jan 30 05:58:47 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	2234	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6905	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4511	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	11912m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	9775	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	9359m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4325	0.38	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12621	0.28	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	102220	5.287	ng/ul#	87
5) 2-Methylnaphthalene	12.89	142	30384	2.353	ng/ul	100
8) Acenaphthene	15.08	153	3632	0.216	ng/ul	95
9) Fluorene	16.03	166	1862m	0.107	ng/ul	
11) Pentachlorophenol	17.36	266	249442	108.114	ng/ul	96
12) Phenanthrene	17.75	178	7127	0.178	ng/ul#	86
13) Anthracene	17.85	178	1431	0.039	ng/ul#	92
15) Fluoranthene	19.72	202	5554	0.107	ng/ul	84
17) Pyrene	20.08	202	3430m	0.105	ng/ul	
18) Benzo(a)anthracene	21.79	228	1357	0.044	ng/ul#	84
19) Chrysene	21.84	228	884	0.028	ng/ul#	80
21) Benzo(b)fluoranthene	23.62	252	868m	0.026	ng/ul	

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

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Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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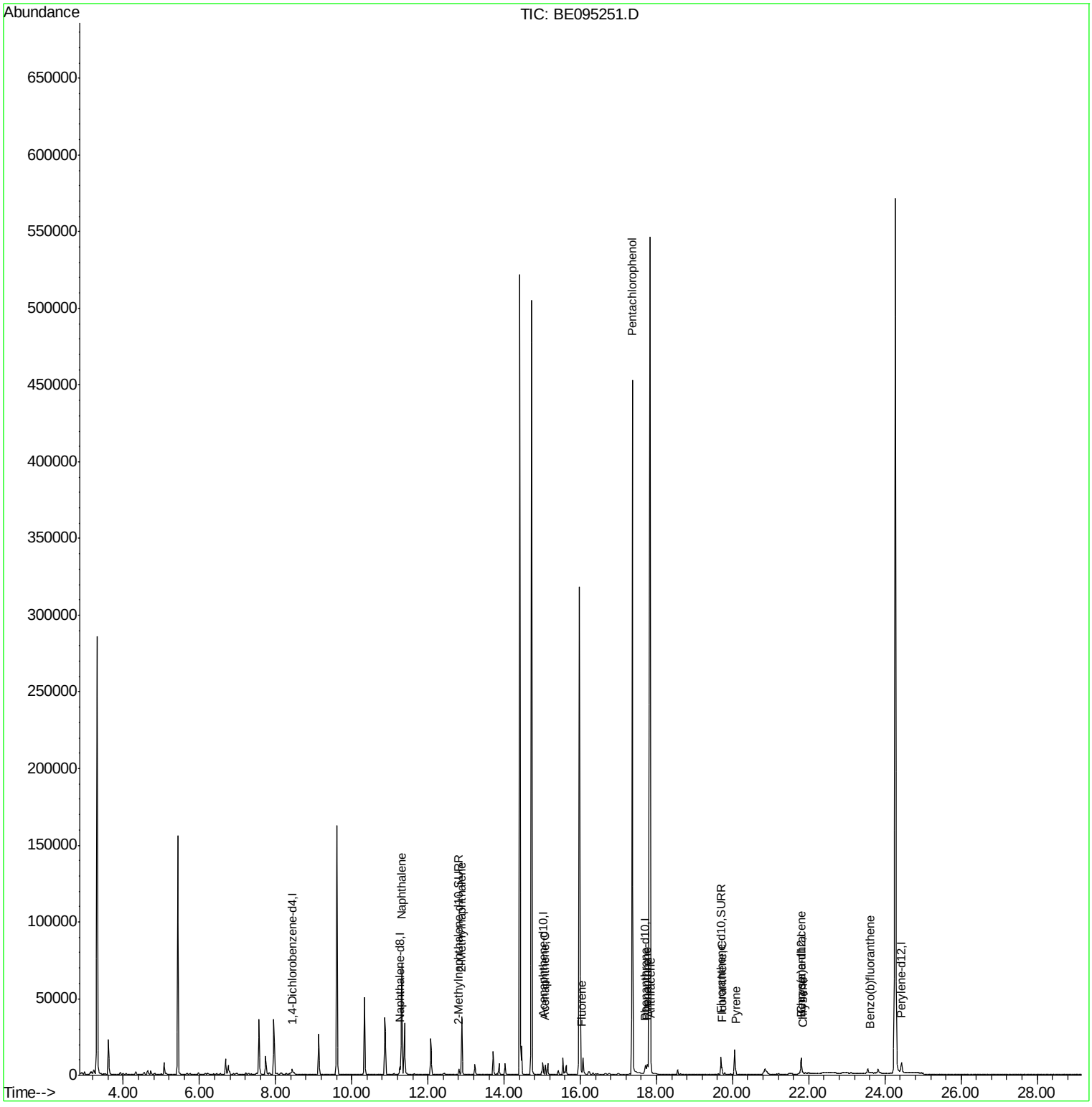

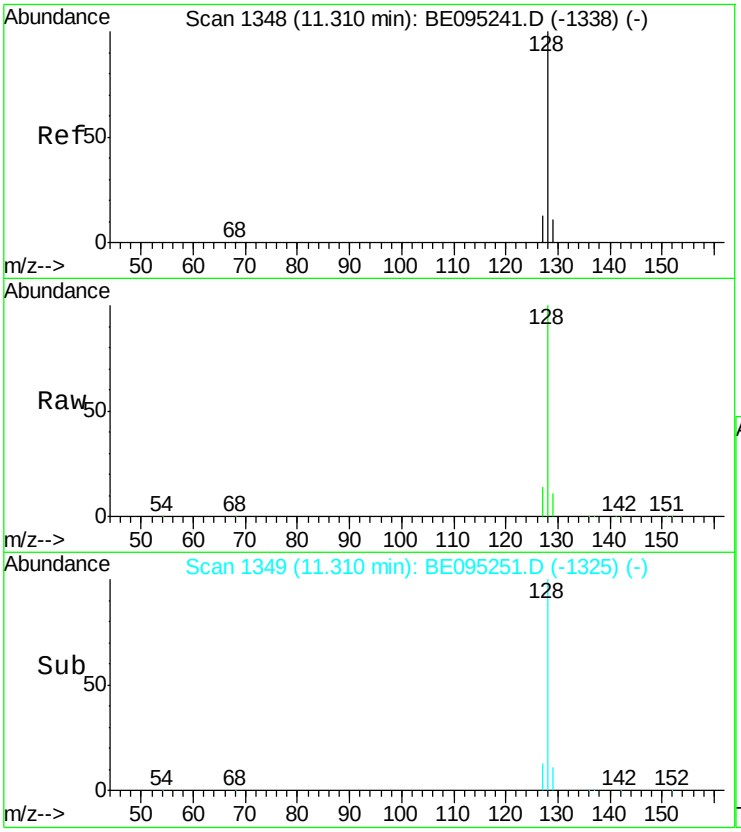

#3
Naphthalene
Concen: 5.287 ng/ul
RT: 11.31 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:128 Resp: 102220

Ion	Ratio	Lower	Upper
128	100		
129	10.8	11.3	16.9#
127	13.5	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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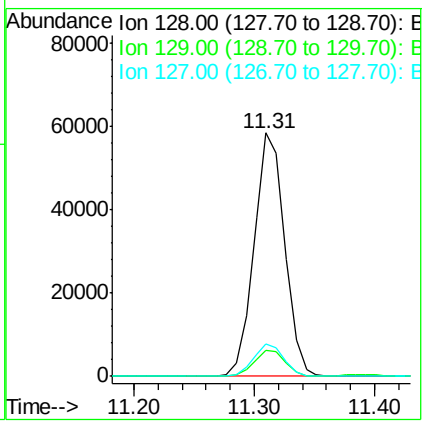
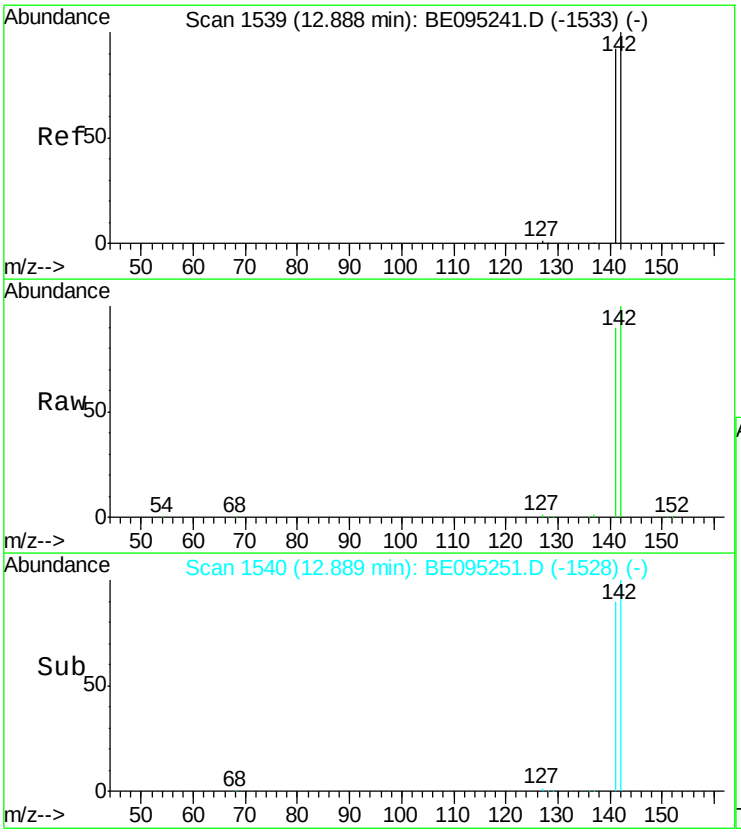
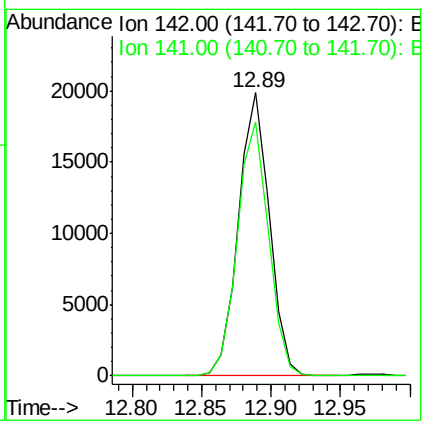


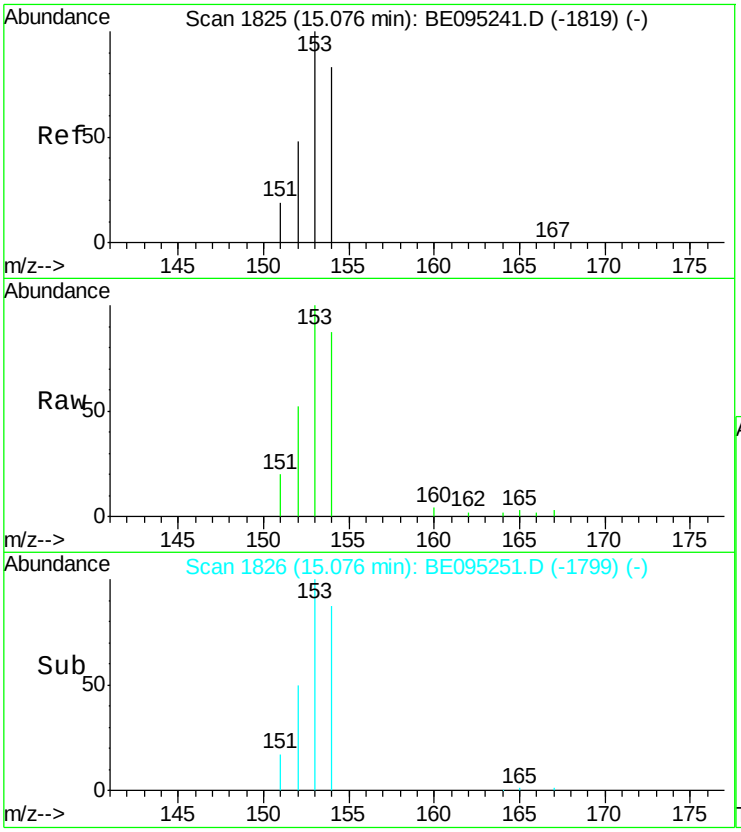


#5
2-Methylnaphthalene
Concen: 2.353 ng/ul
RT: 12.89 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:142 Resp: 30384

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8

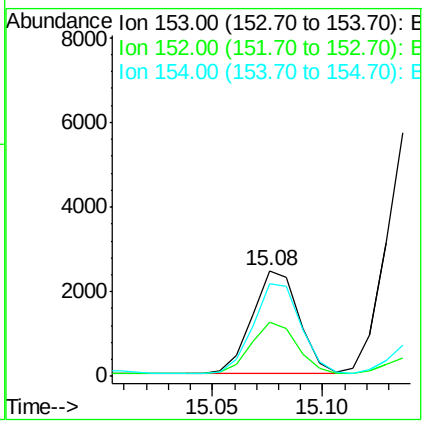




#8
Acenaphthene
Concen: 0.216 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. -0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:153 Resp: 3632

Ion	Ratio	Lower	Upper
153	100		
152	51.5	36.0	54.0
154	87.4	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
F6B23

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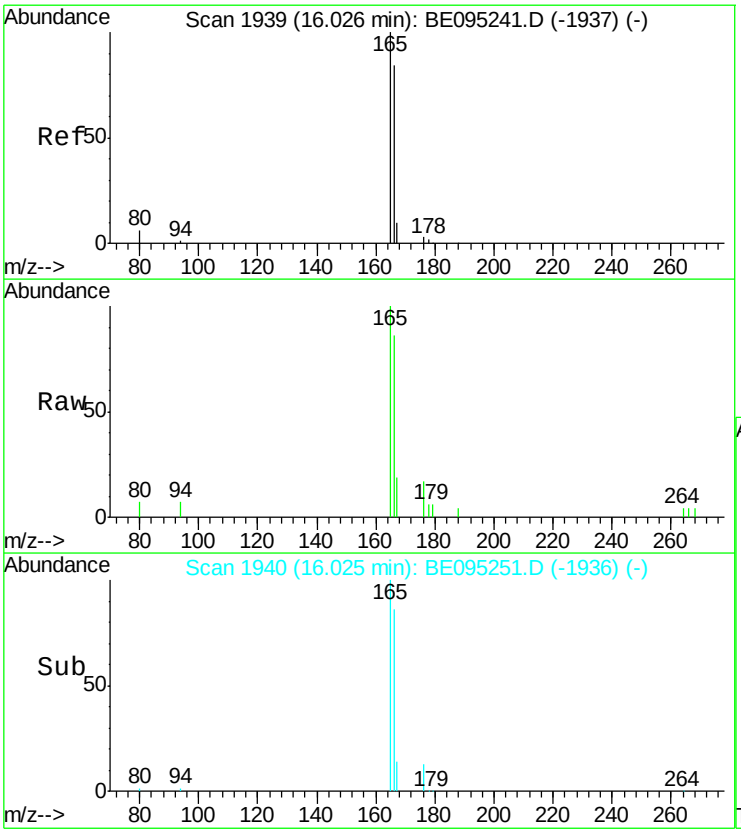
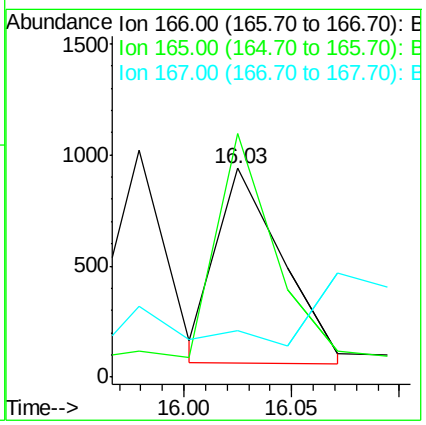
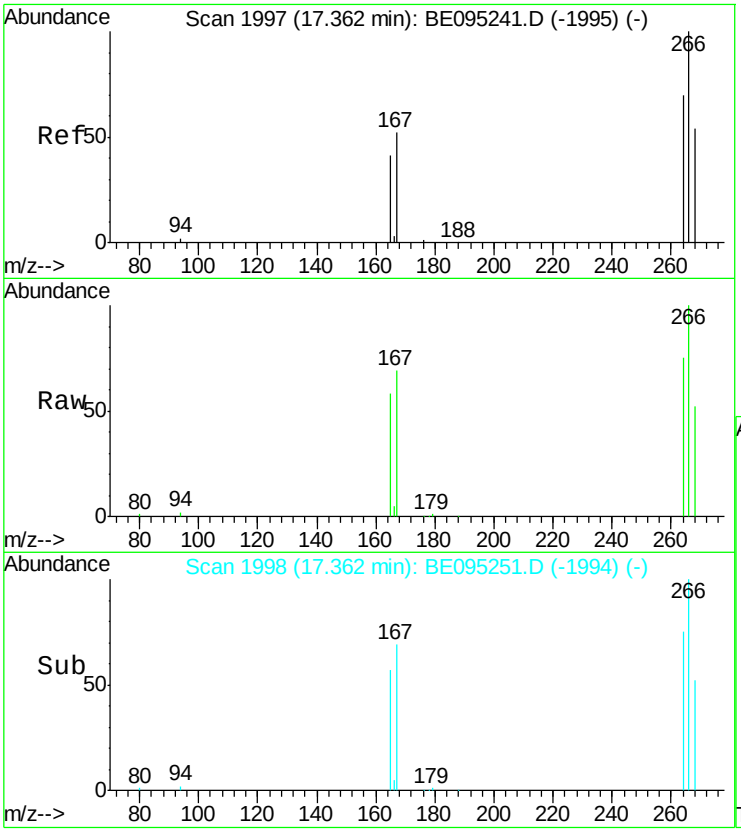


#9
Fluorene
Concen: 0.107 ng/ul m
RT: 16.03 min Scan# 1940
Delta R.T. -0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:166 Resp: 1862

Ion	Ratio	Lower	Upper
166	100		
165	116.8	73.4	110.2#
167	22.6	14.6	22.0#

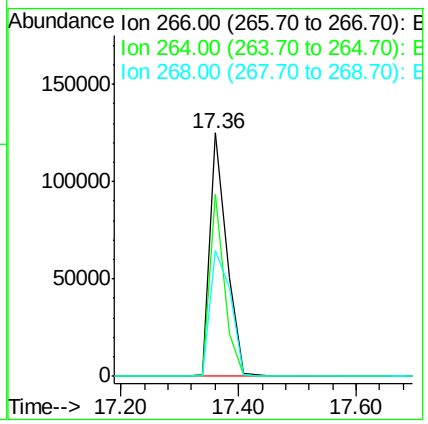




#11
Pentachlorophenol
Concen: 108.114 ng/ul
RT: 17.36 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:266 Resp: 249442

Ion	Ratio	Lower	Upper
266	100		
264	65.8	47.9	71.9
268	62.8	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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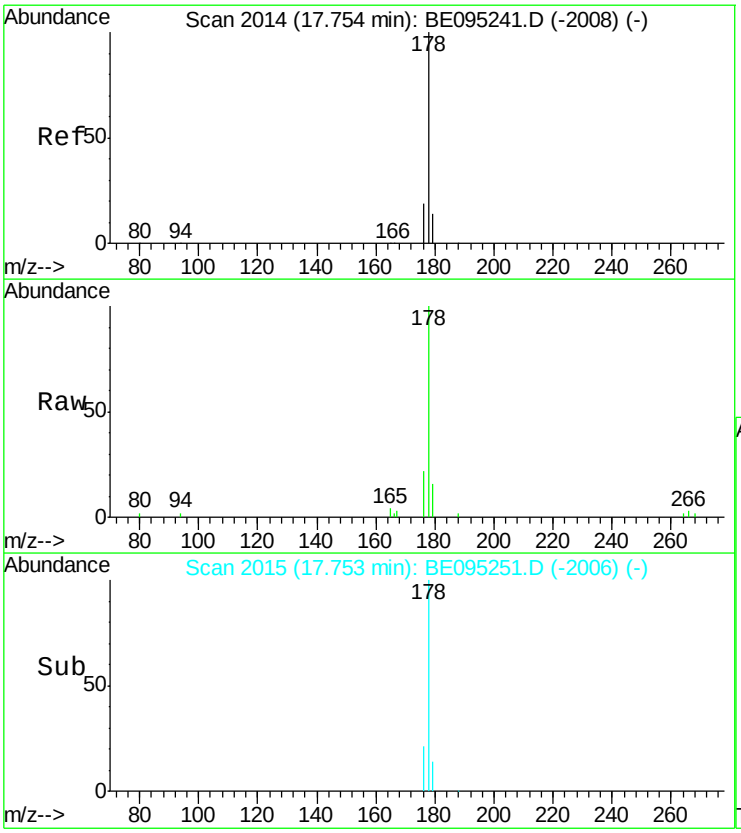
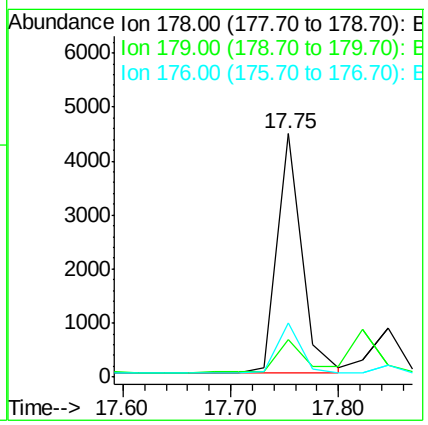
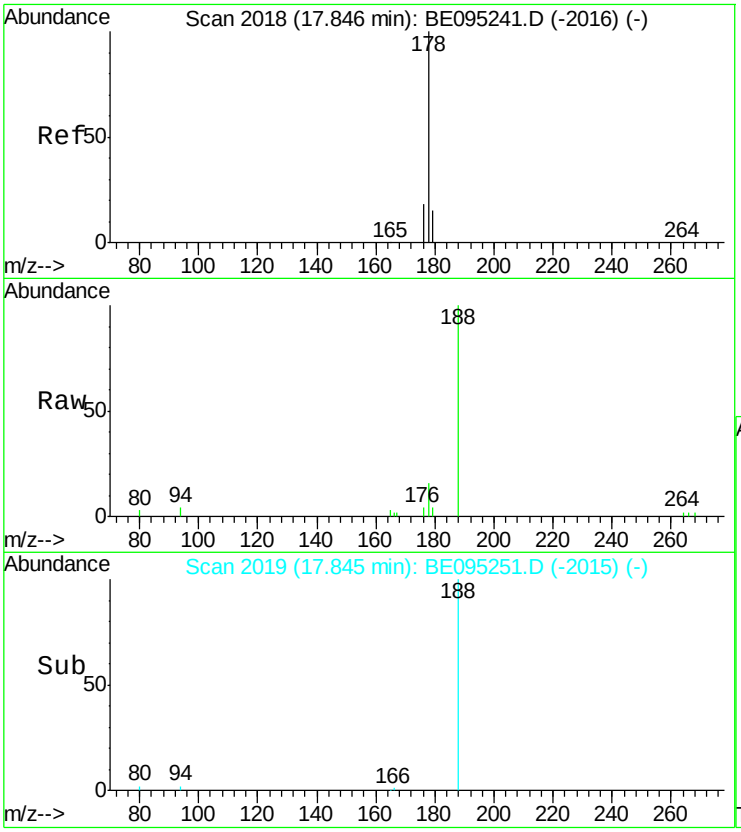


#12
Phenanthrene
Concen: 0.178 ng/ul
RT: 17.75 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:178 Resp: 7127

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.4	27.6#
176	22.2	13.6	20.4#





#13
Anthracene
Concen: 0.039 ng/ul
RT: 17.85 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:178 Resp: 1431

Ion	Ratio	Lower	Upper
178	100		
179	24.2	18.1	27.1
176	24.6	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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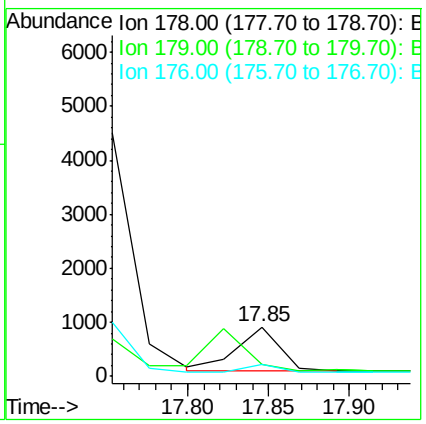
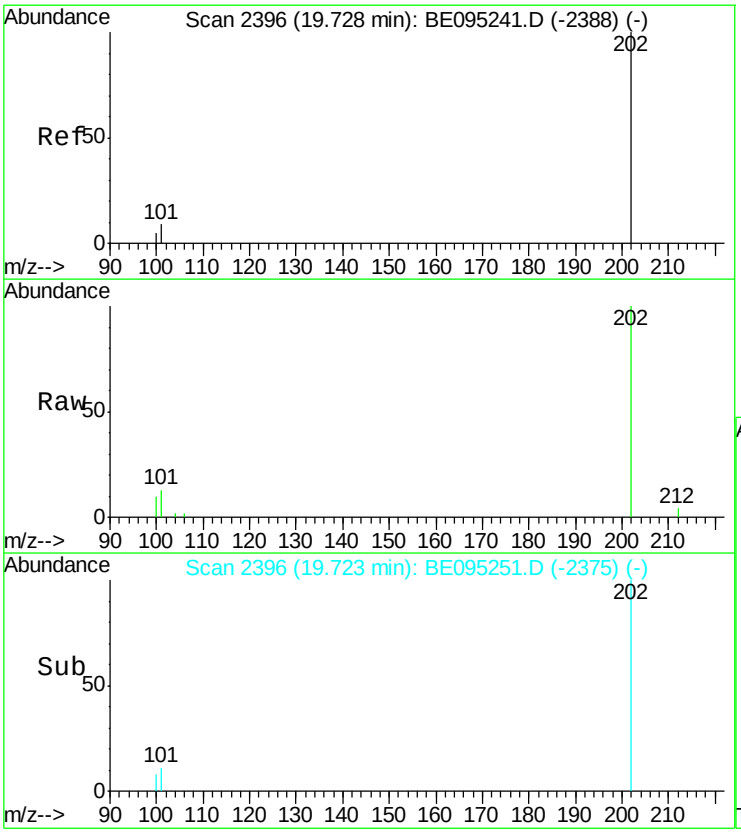
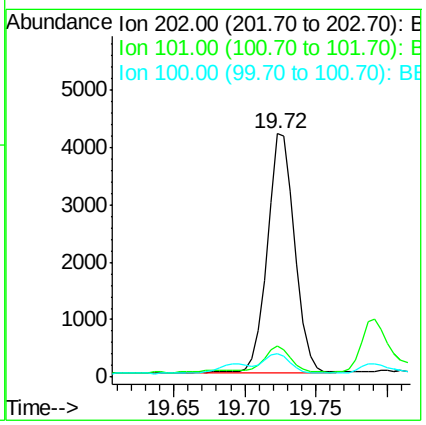


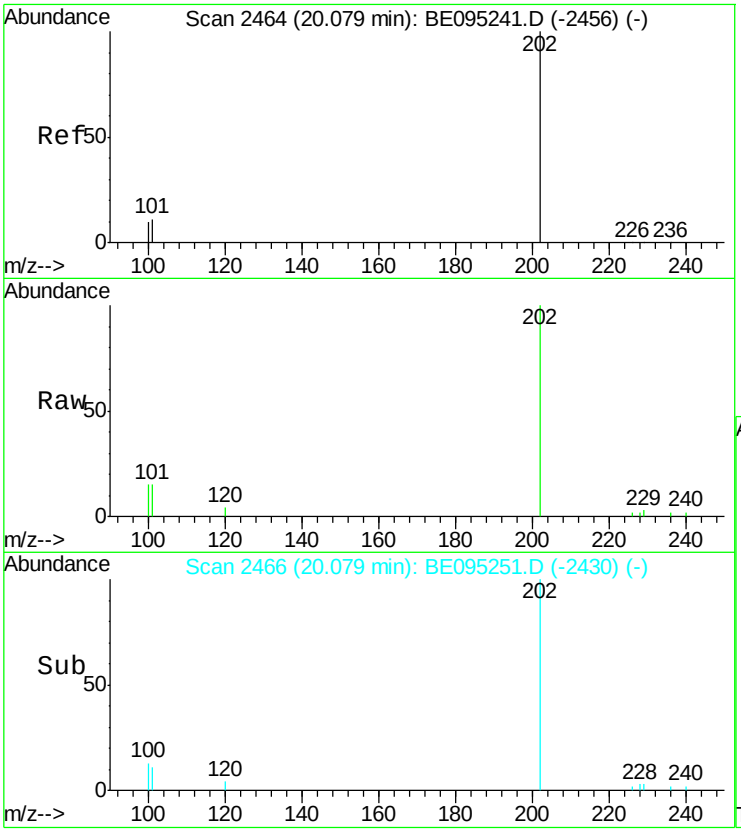


#15
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.72 min Scan# 2396
Delta R.T. -0.01 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:202 Resp: 5554

Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	30.3
100	9.9	0.0	39.5





#17
Pyrene
Concen: 0.105 ng/ul m
RT: 20.08 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:202 Resp: 3430

Ion	Ratio	Lower	Upper
202	100		
101	15.1	18.2	27.4#
100	14.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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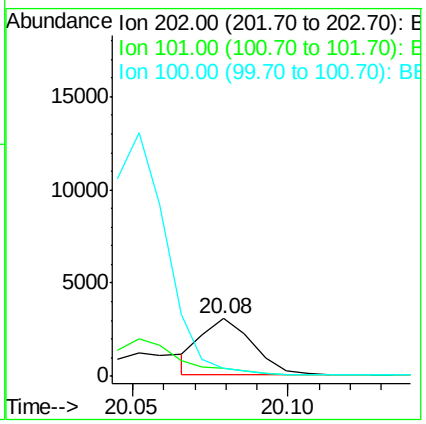
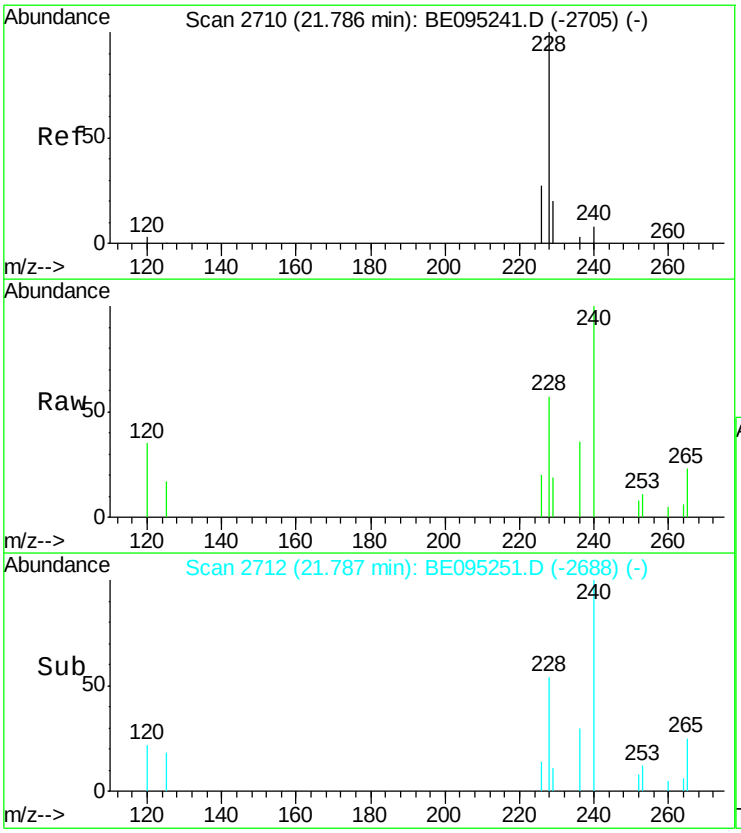
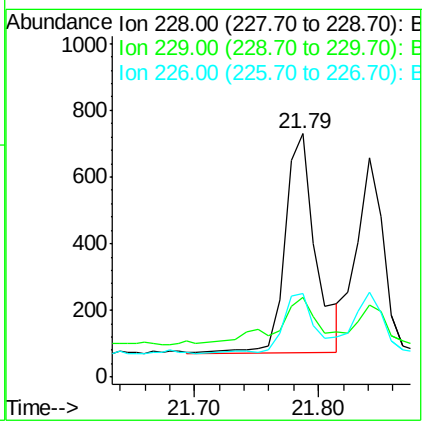


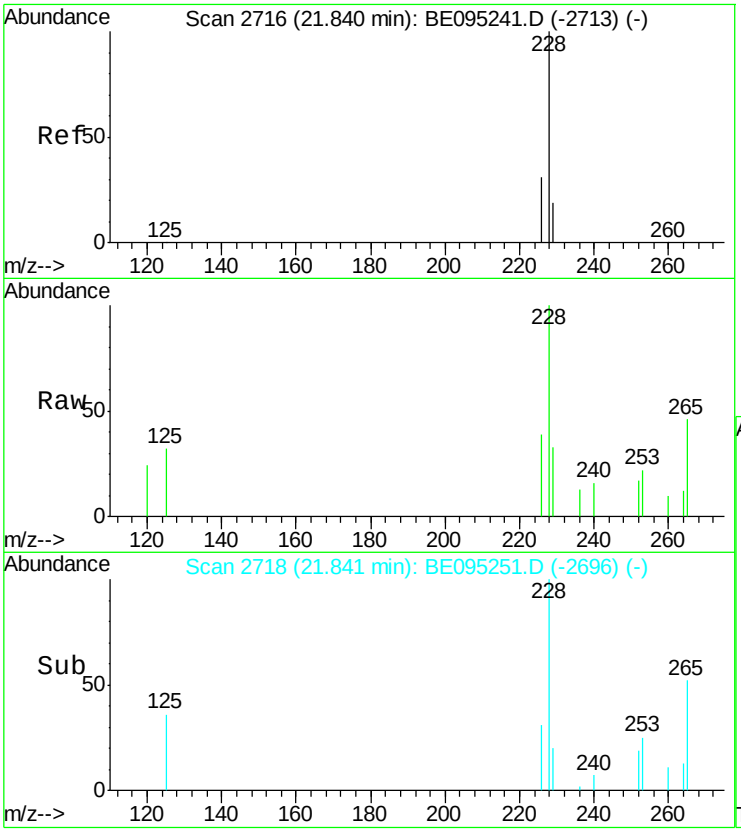


#18
Benzo(a)anthracene
Concen: 0.044 ng/ul
RT: 21.79 min Scan# 2712
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:228 Resp: 1357

Ion	Ratio	Lower	Upper
228	100		
229	32.7	22.8	34.2
226	34.4	17.0	25.6#





#19
Chrysene
Concen: 0.028 ng/ul
RT: 21.84 min Scan# 2718
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:228 Resp: 884

Ion	Ratio	Lower	Upper
228	100		
226	38.6	23.4	35.0#
229	32.8	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
F6B23

Manual Integrations APPROVED
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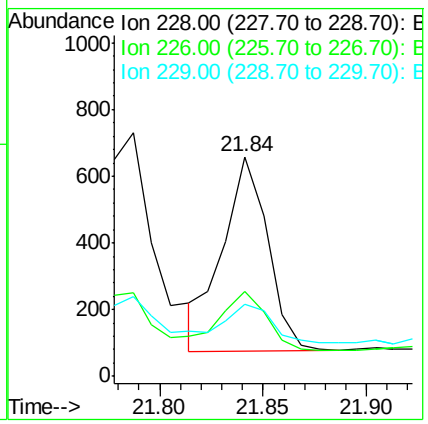

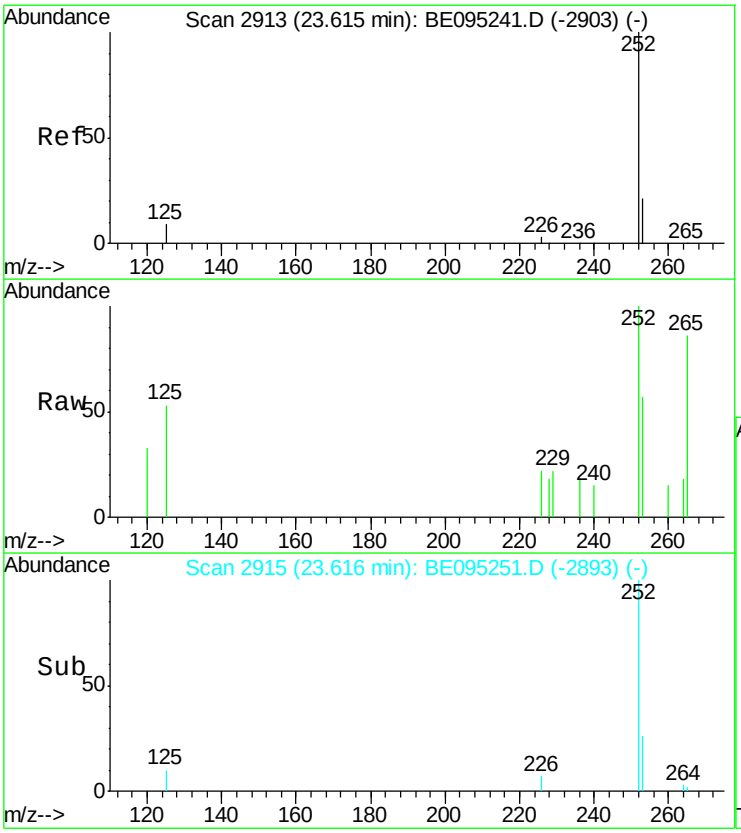

#21
Benzo(b)fluoranthene
Concen: 0.026 ng/ul m
RT: 23.62 min Scan# 2915
Delta R.T. 0.00 min
Lab File: BE095251.D
Acq: 29 Jan 2018 17:44

Tgt Ion:252 Resp: 868

Ion	Ratio	Lower	Upper
252	100		
253	56.7	0.0	64.2
125	52.6	0.0	35.0#