Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA E\DATA\BE013018\
Data File : BE095318.D
Acq On : 31 Jan 2018 15:34
Operator : SJ/JU
Sample : J1244-16
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B57

Manual Integrations APPROVED
Sohil
1/31/2018 8:29:20 PM

Quant Time: Jan 31 17:53:04 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE012618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 31 11:55:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2738	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	8652	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	5669	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	10978m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	11302	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	10861m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4922	0.35	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	12973	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	2977	0.123	ng/ul#	90
5) 2-Methylnaphthalene	12.89	142	1303	0.081	ng/ul	99
8) Acenaphthene	15.08	153	2211	0.104	ng/ul	92
9) Fluorene	16.02	166	1431m	0.066	ng/ul	
11) Pentachlorophenol	17.36	266	152	0.071	ng/ul	99
12) Phenanthrene	17.75	178	6232	0.169	ng/ul#	88
13) Anthracene	17.85	178	967	0.029	ng/ul#	83
15) Fluoranthene	19.72	202	2644	0.055	ng/ul	86
17) Pyrene	20.08	202	1720	0.045	ng/ul#	92
18) Benzo(a)anthracene	21.79	228	801	0.023	ng/ul#	50

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

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Manual Integrations APPROVED
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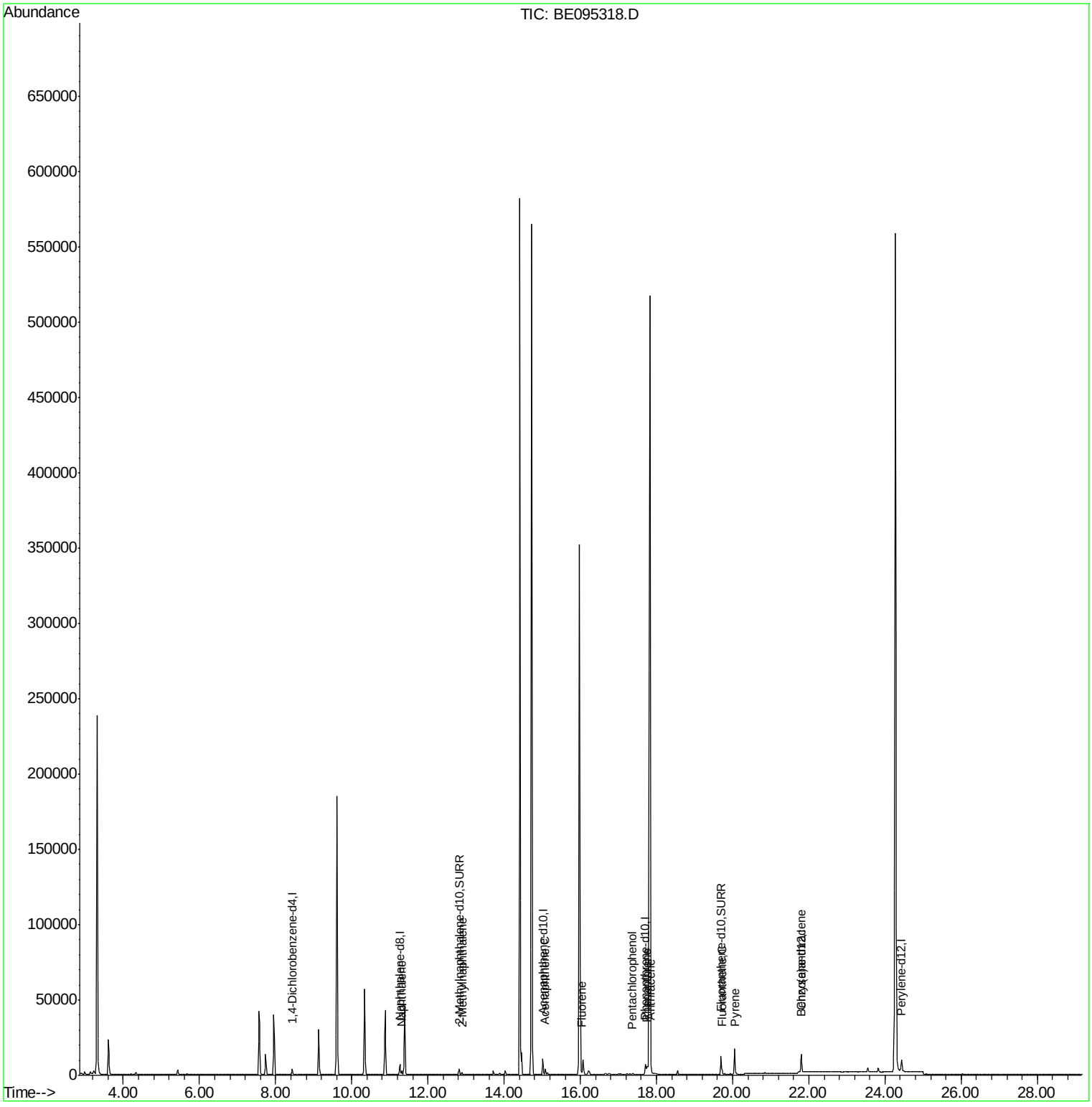

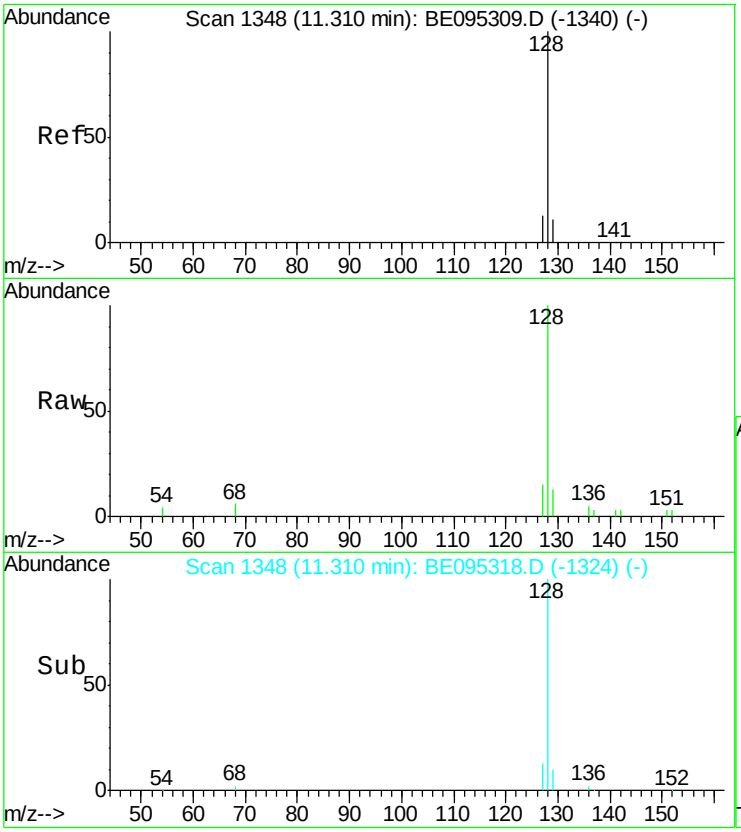

#3
Naphthalene
Concen: 0.123 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:128 Resp: 2977

Ion	Ratio	Lower	Upper
128	100		
129	13.3	11.3	16.9
127	15.2	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B57

Manual Integrations APPROVED
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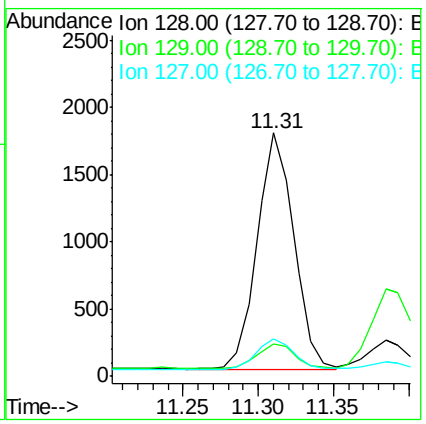
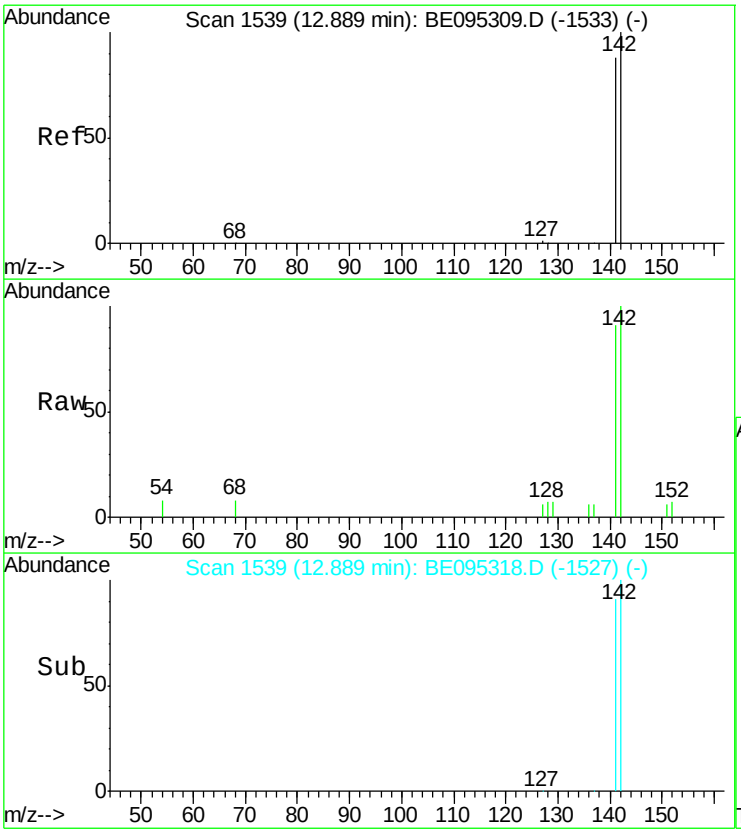
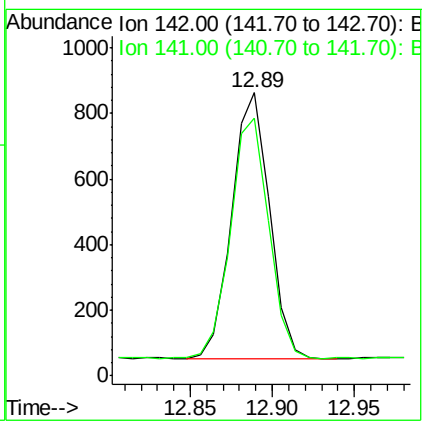


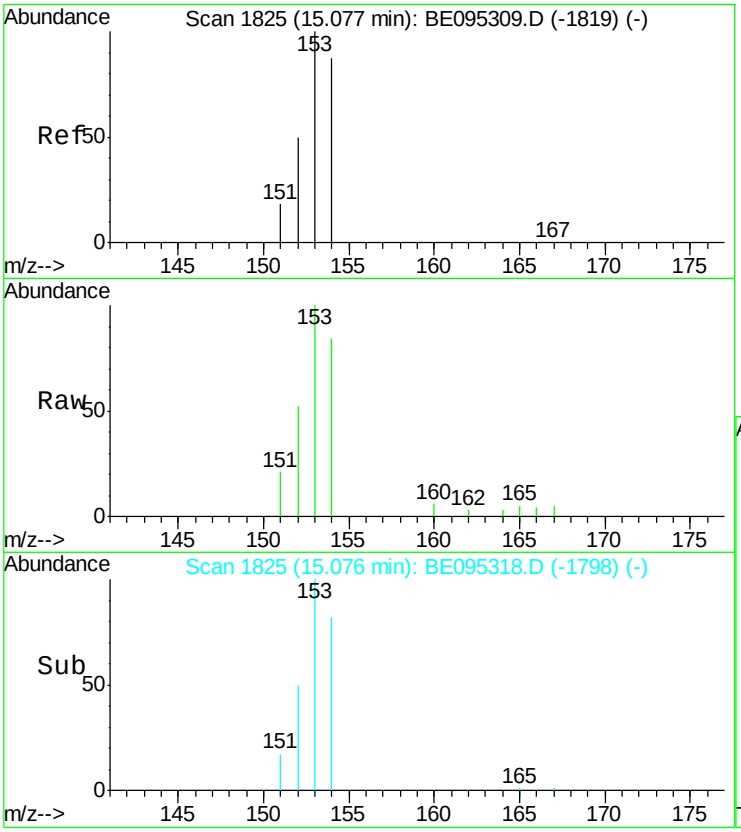


#5
2-Methylnaphthalene
Concen: 0.081 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:142 Resp: 1303

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8

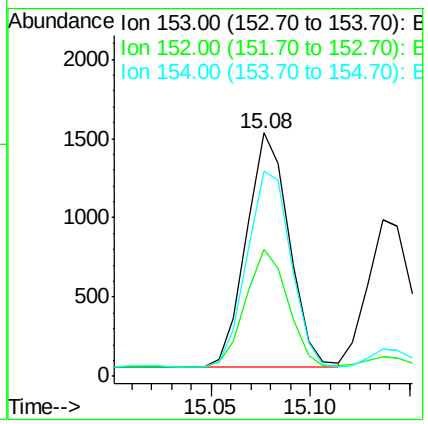




#8
Acenaphthene
Concen: 0.104 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:153 Resp: 2211

Ion	Ratio	Lower	Upper
153	100		
152	52.3	36.0	54.0
154	84.1	72.0	108.0



Instrument :
BNA_E
ClientSampleId :
F6B57

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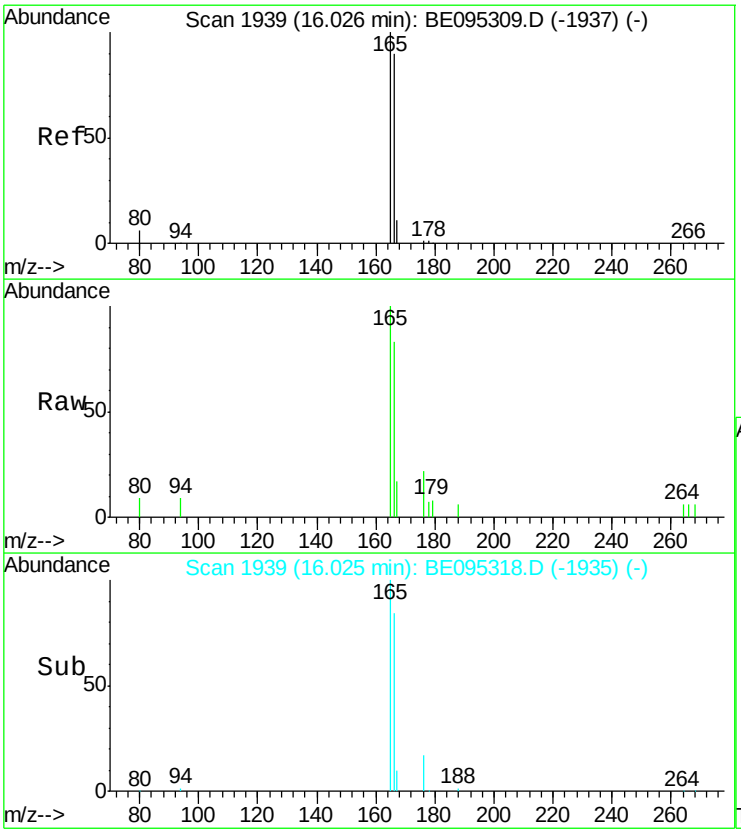
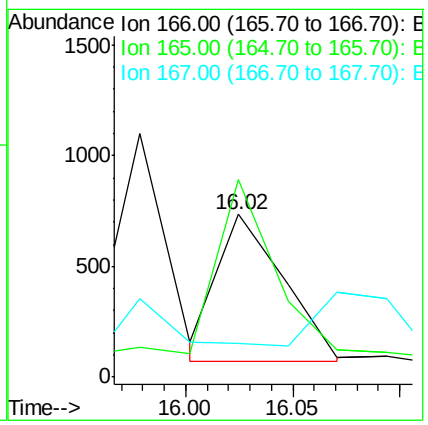
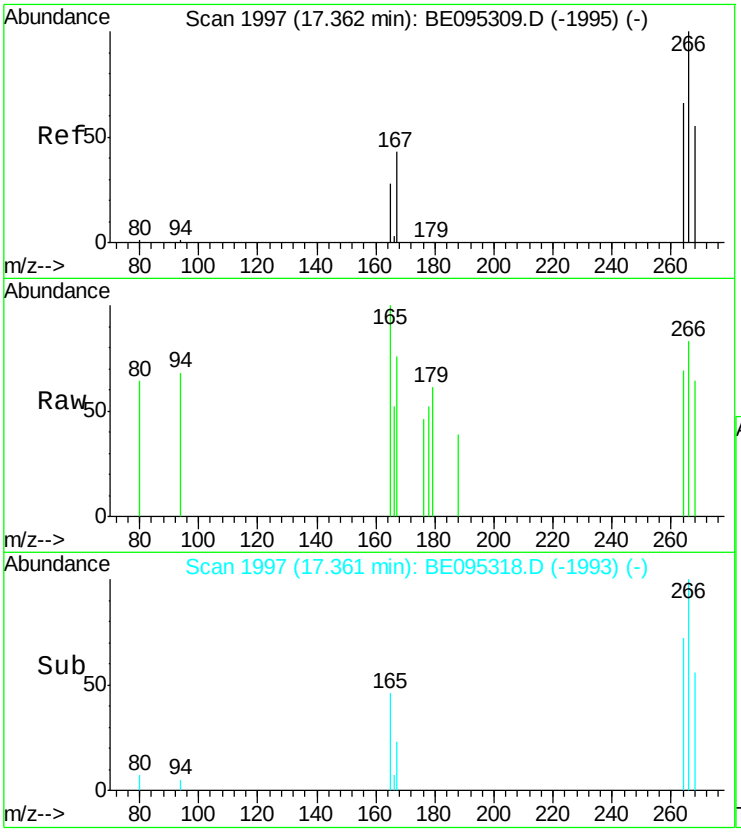


#9
Fluorene
Concen: 0.066 ng/ul m
RT: 16.02 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:166 Resp: 1431

Ion	Ratio	Lower	Upper
166	100		
165	121.0	73.4	110.2#
167	20.4	14.6	22.0

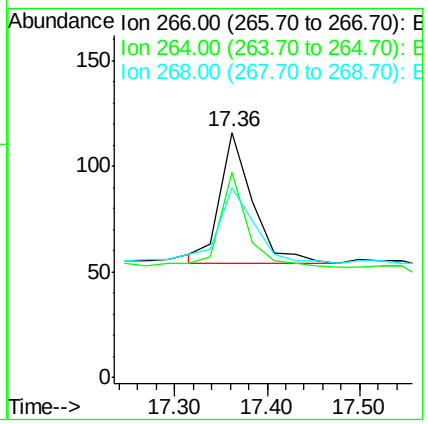




#11
Pentachlorophenol
Concen: 0.071 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:266 Resp: 152

Ion	Ratio	Lower	Upper
266	100		
264	61.8	47.9	71.9
268	62.5	49.8	74.8



Instrument :
BNA_E
ClientSampleId :
F6B57

Manual Integrations APPROVED
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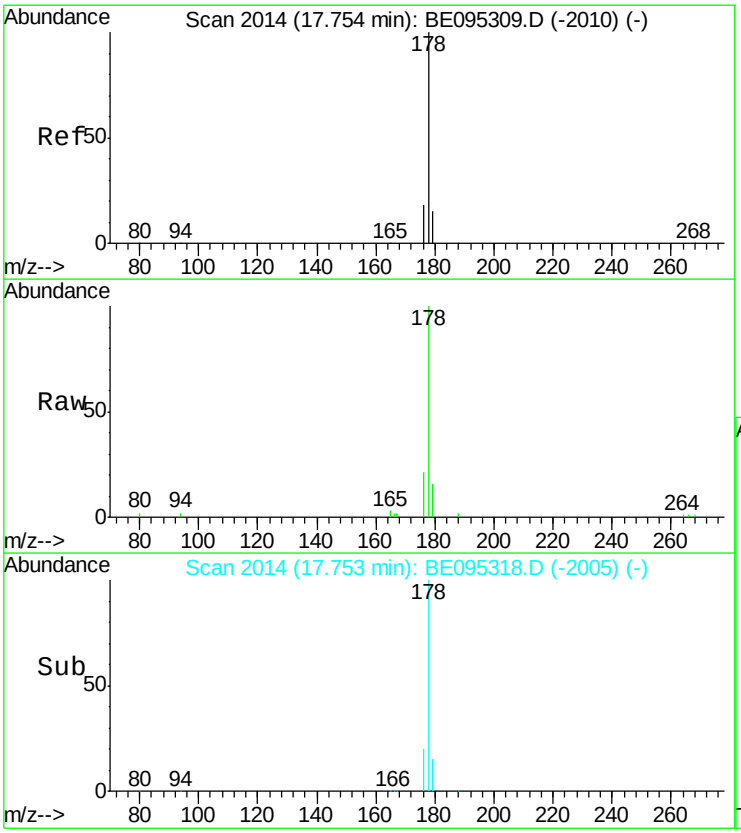
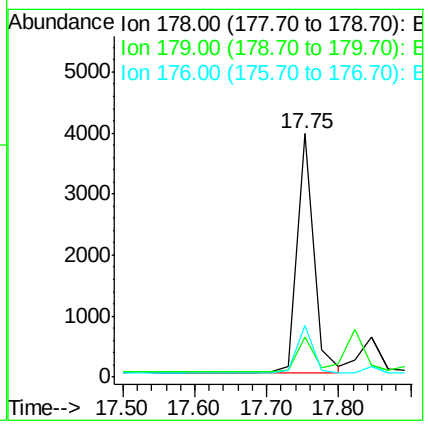
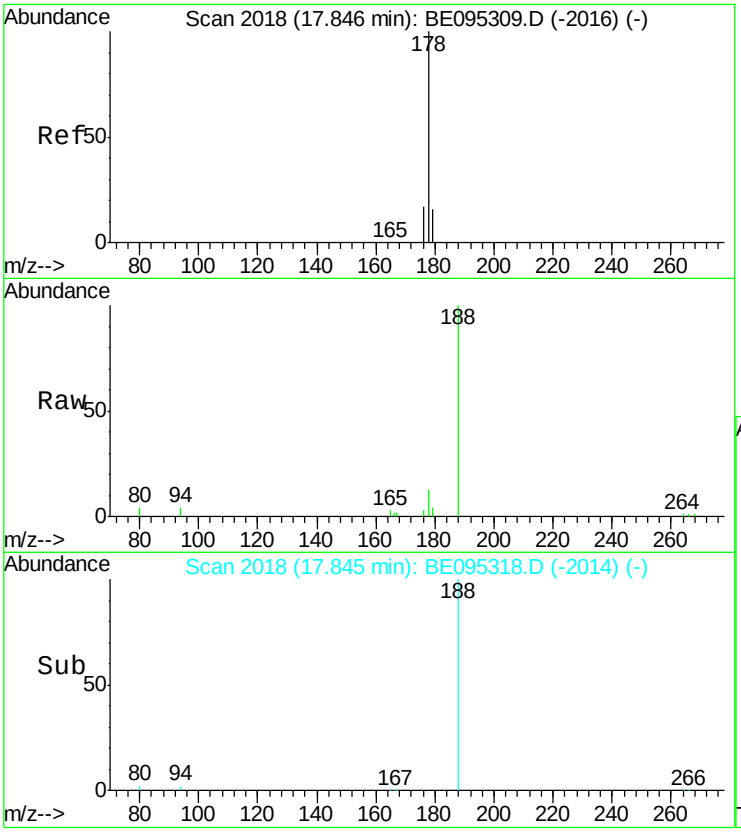


#12
Phenanthrene
Concen: 0.169 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:178 Resp: 6232

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.4	27.6#
176	21.2	13.6	20.4#

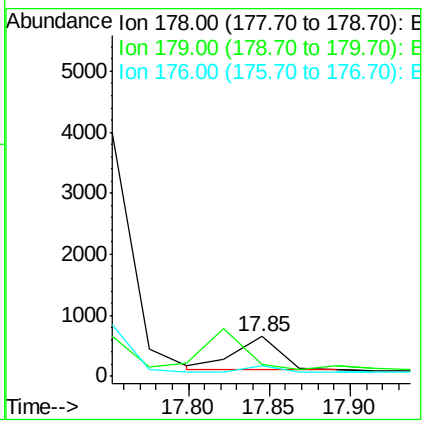




#13
Anthracene
Concen: 0.029 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:178 Resp: 967

Ion	Ratio	Lower	Upper
178	100		
179	29.8	18.1	27.1#
176	27.0	14.7	22.1#



Instrument :
BNA_E
ClientSampleId :
F6B57

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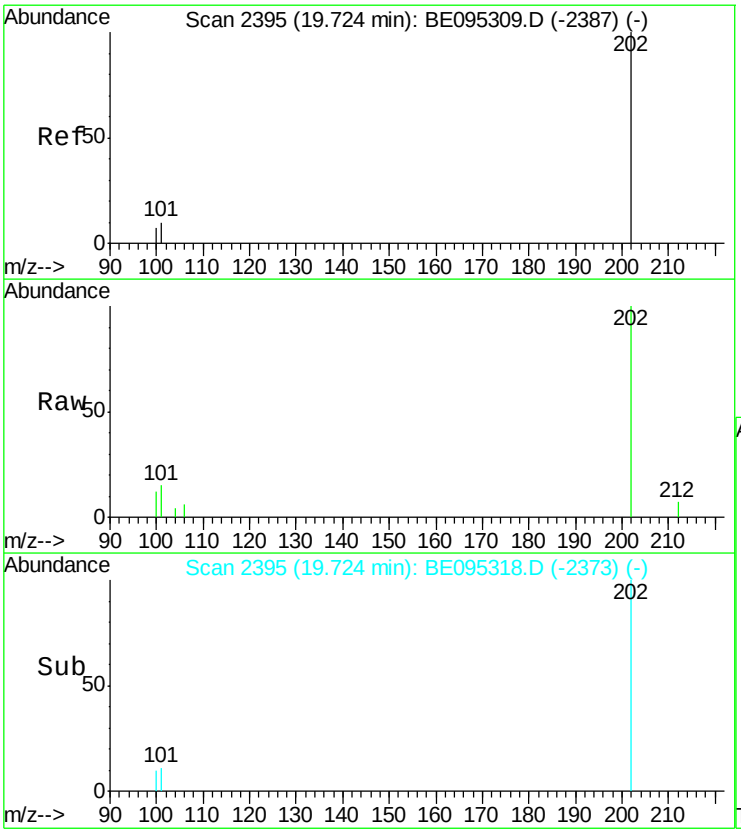
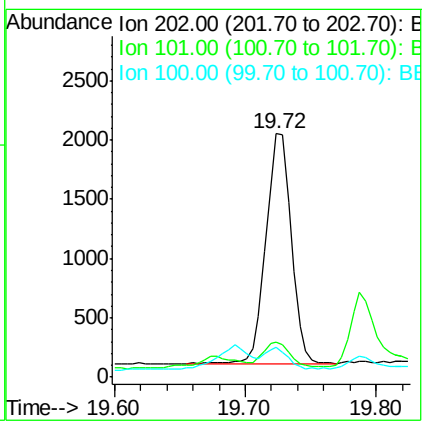
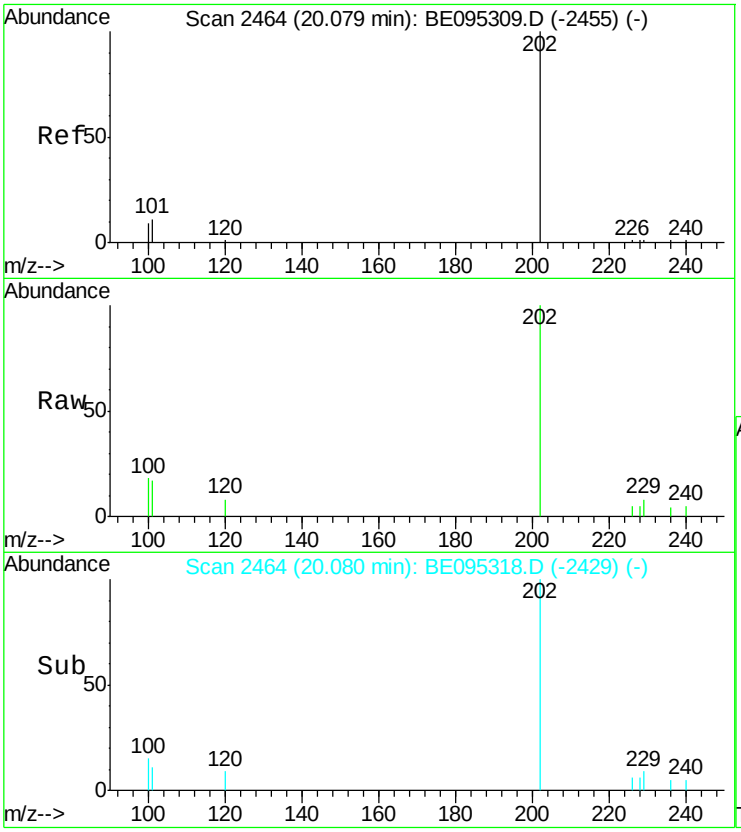


#15
Fluoranthene
Concen: 0.055 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:202 Resp: 2644

Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	30.3
100	12.5	0.0	39.5





#17
Pyrene
Concen: 0.045 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:202 Resp: 1720

Ion	Ratio	Lower	Upper
202	100		
101	17.0	18.2	27.4#
100	18.2	15.6	23.4

Instrument :
BNA_E
ClientSampleId :
F6B57

Manual Integrations APPROVED
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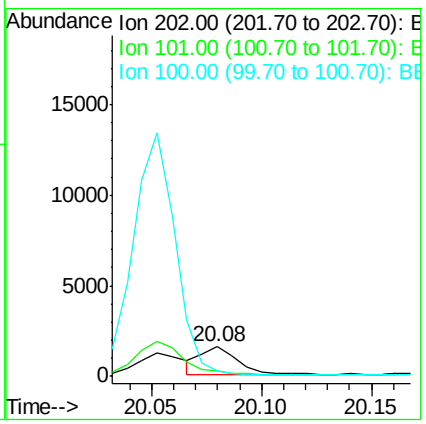
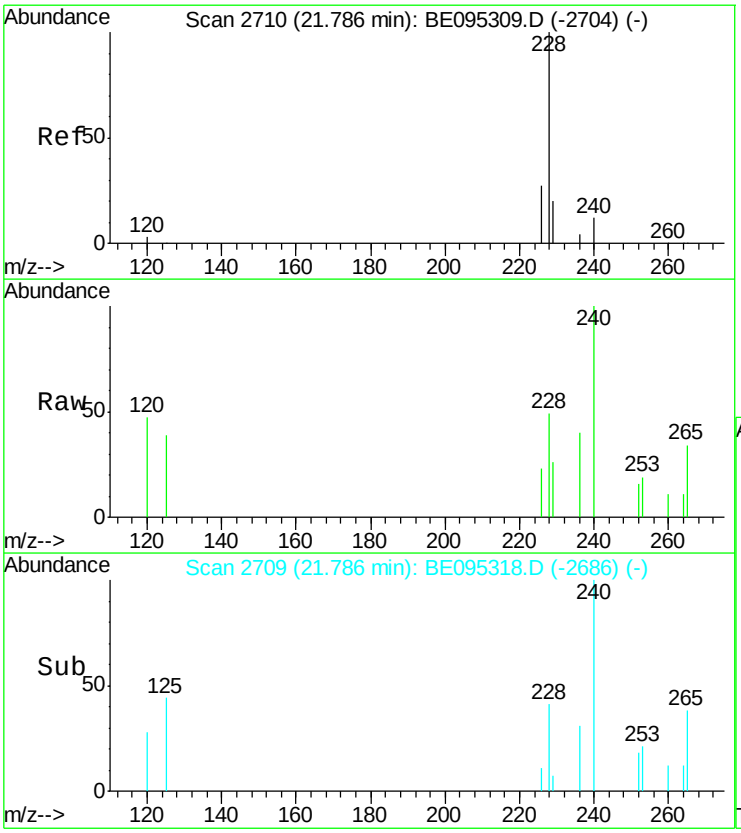
1/31/2018 8:29:20 PM





#18
Benzo(a)anthracene
Concen: 0.023 ng/ul
RT: 21.79 min Scan# 2709
Delta R.T. -0.00 min
Lab File: BE095318.D
Acq: 31 Jan 2018 15:34

Tgt Ion:228 Resp: 801

Ion	Ratio	Lower	Upper
228	100		
229	52.8	22.8	34.2#
226	47.2	17.0	25.6#