Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095262.D
Acq On : 30 Jan 2018 00:21
Operator : SJ/JU
Sample : J1243-17
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B40

Manual Integrations APPROVED
Sohil
1/30/2018 3:32:49 PM

Quant Time: Jan 30 06:41:25 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 06:14:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	2241	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	6835	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4451	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	9190m	0.40	ng/ul	0.00
16) Chrysene-d12	21.81	240	9122	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	8505m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	4060	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	10940	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.31	128	31437	1.643	ng/ul#	88
5) 2-Methylnaphthalene	12.89	142	9345	0.731	ng/ul	99
7) Acenaphthylene	14.74	152	567	0.026	ng/ul#	73
8) Acenaphthene	15.08	153	4719	0.284	ng/ul	94
9) Fluorene	16.03	166	2392	0.140	ng/ul#	78
11) Pentachlorophenol	17.36	266	466	0.262	ng/ul	94
12) Phenanthrene	17.75	178	9209	0.298	ng/ul#	88
13) Anthracene	17.85	178	1311	0.046	ng/ul#	92
15) Fluoranthene	19.72	202	3912	0.098	ng/ul	83
17) Pyrene	20.08	202	2758m	0.090	ng/ul	
18) Benzo(a)anthracene	21.79	228	954	0.033	ng/ul#	82
19) Chrysene	21.84	228	620	0.021	ng/ul#	81

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

Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
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Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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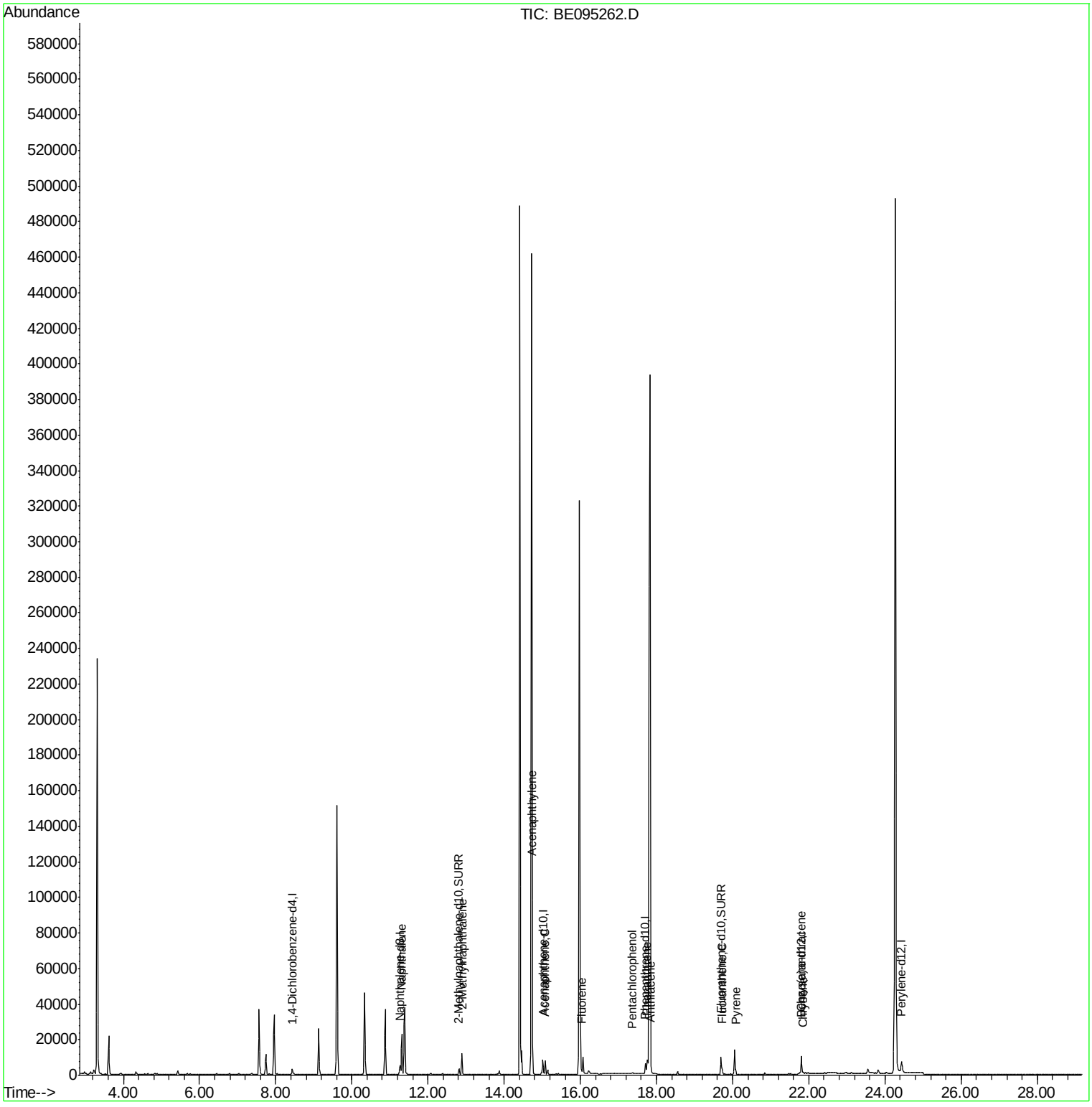
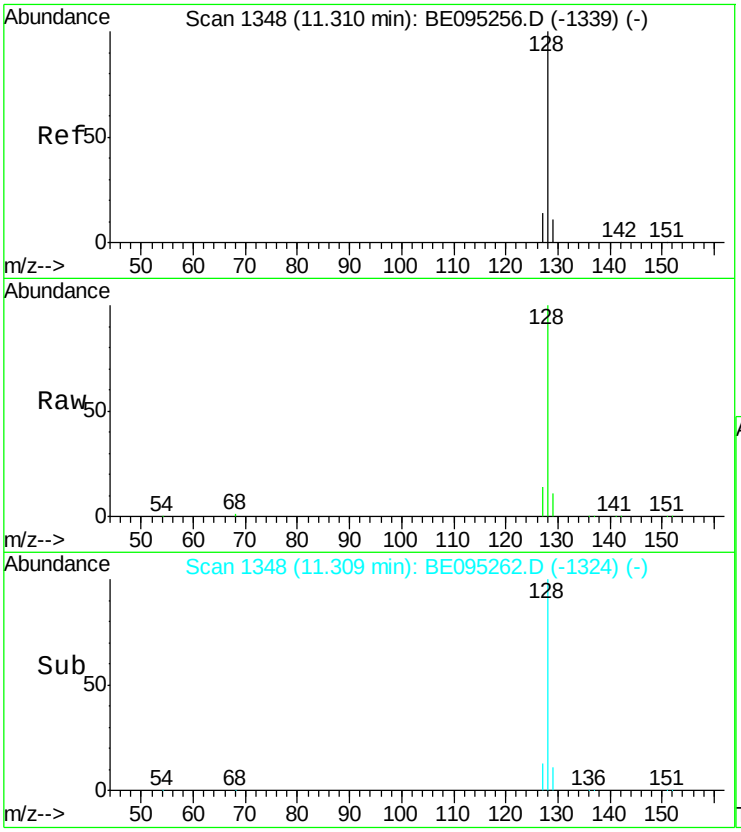
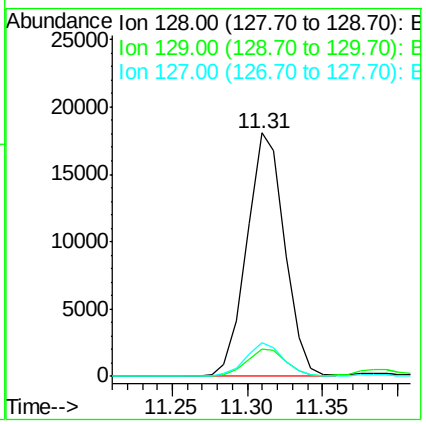




#3
Naphthalene
Concen: 1.643 ng/ul
RT: 11.31 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:128 Resp: 31437

Ion	Ratio	Lower	Upper
128	100		
129	11.1	11.3	16.9#
127	13.6	4.0	6.0#



Instrument :
BNA_E
ClientSampleId :
F6B40

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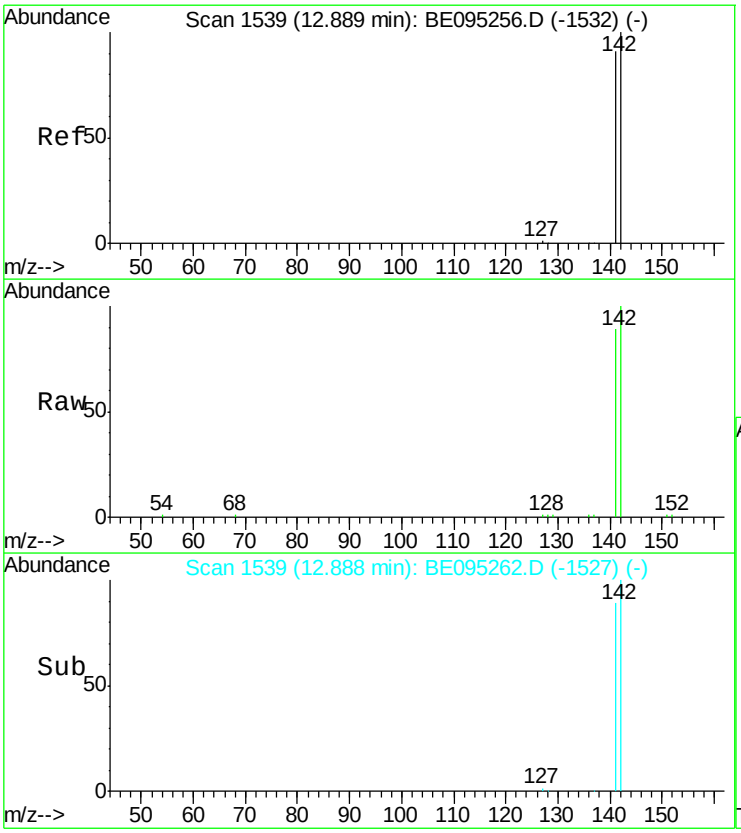
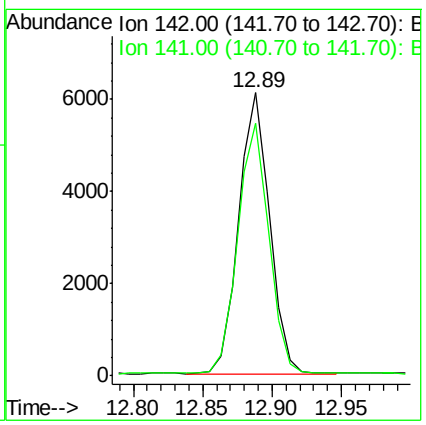
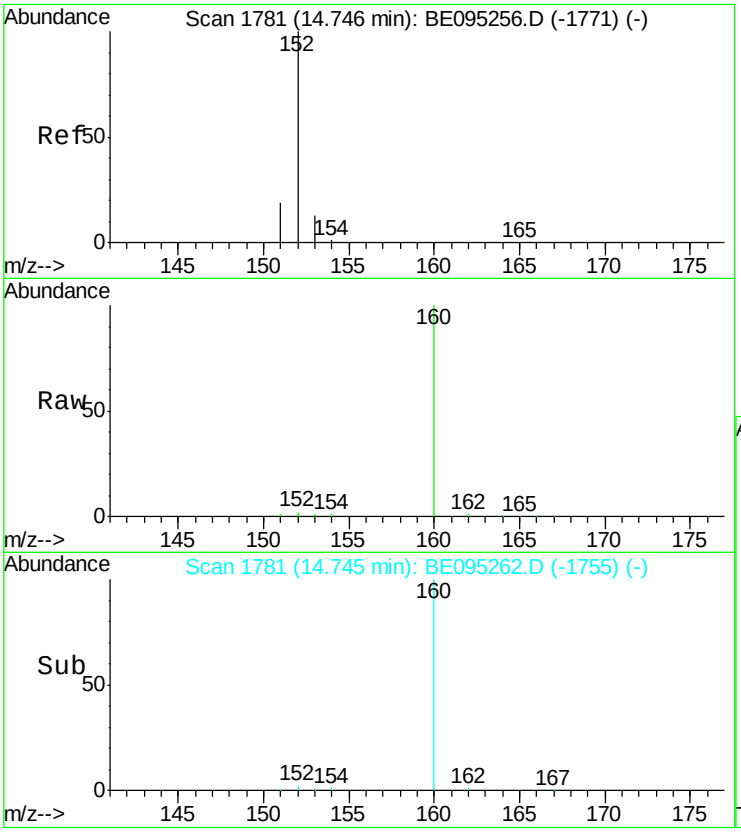


#5
2-Methylnaphthalene
Concen: 0.731 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:142 Resp: 9345

Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.6	108.8

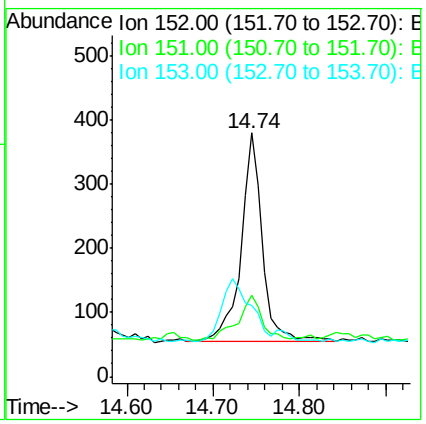




#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:152 Resp: 567

Ion	Ratio	Lower	Upper
152	100		
151	33.2	17.1	25.7#
153	29.0	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
F6B40

Manual Integrations APPROVED
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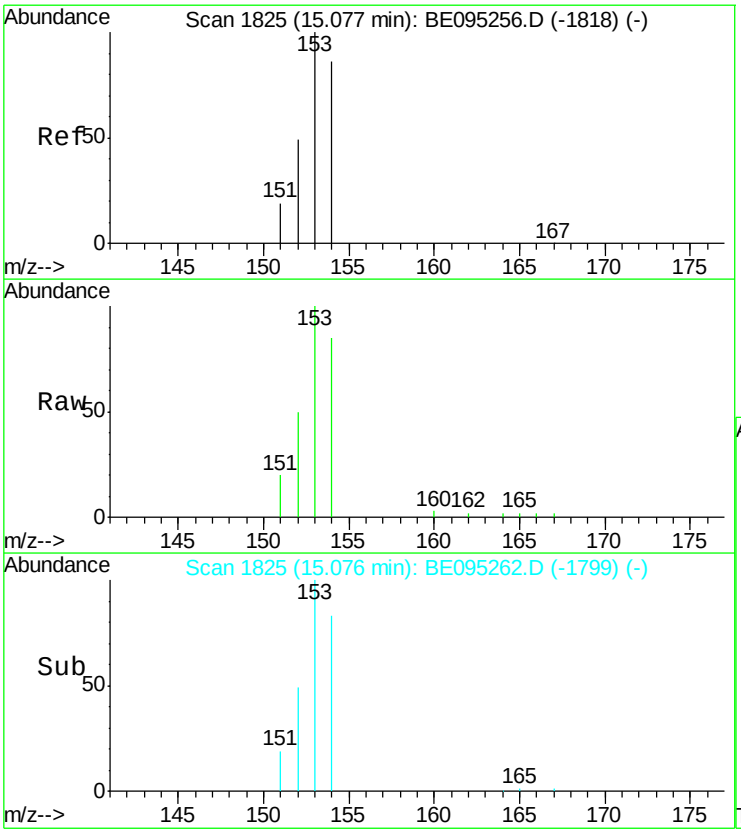
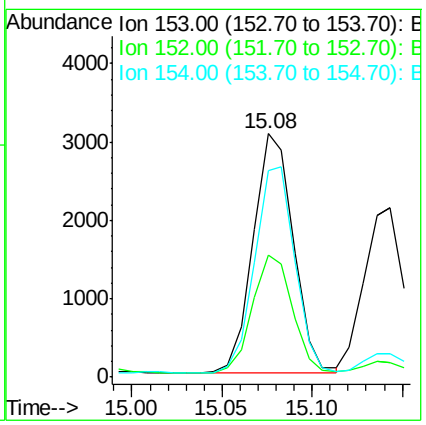
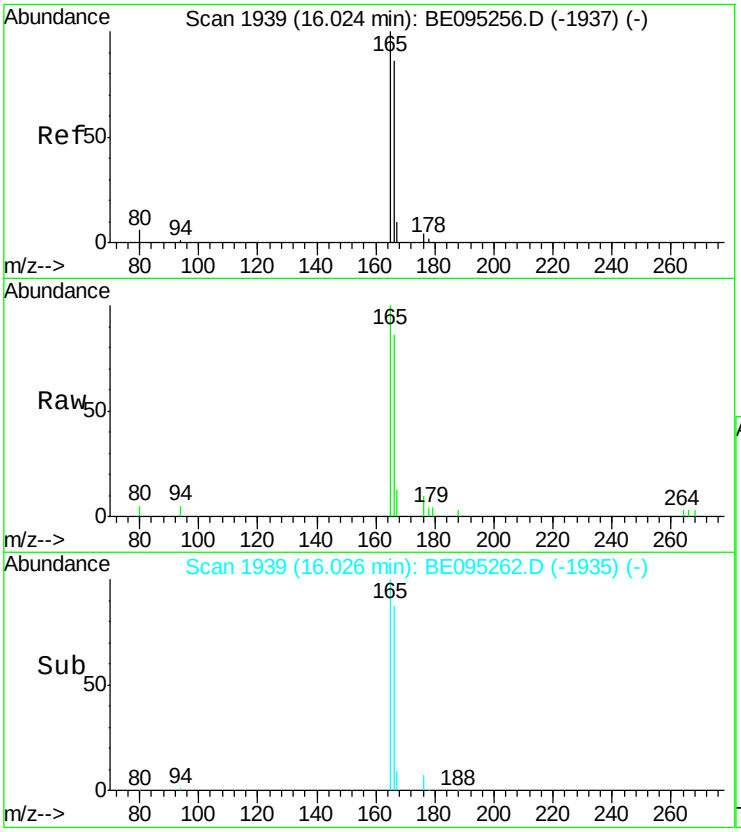


#8
Acenaphthene
Concen: 0.284 ng/ul
RT: 15.08 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:153 Resp: 4719

Ion	Ratio	Lower	Upper
153	100		
152	50.1	36.0	54.0
154	85.0	72.0	108.0

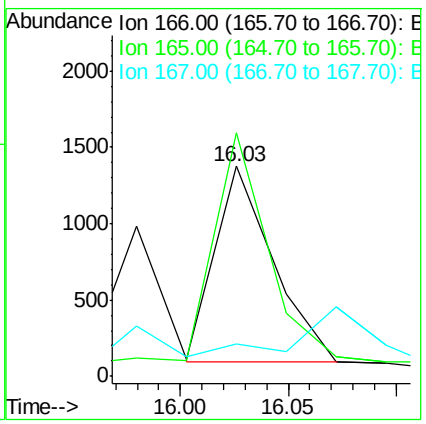




#9
Fluorene
Concen: 0.140 ng/ul
RT: 16.03 min Scan# 1939
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:166 Resp: 2392

Ion	Ratio	Lower	Upper
166	100		
165	116.0	73.4	110.2#
167	15.6	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
F6B40

Manual Integrations APPROVED
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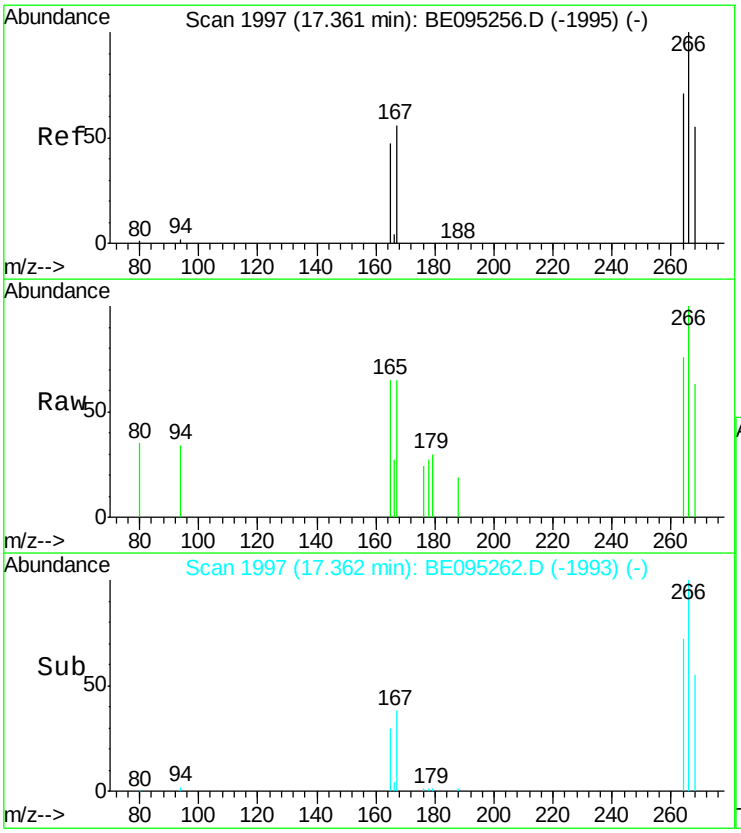
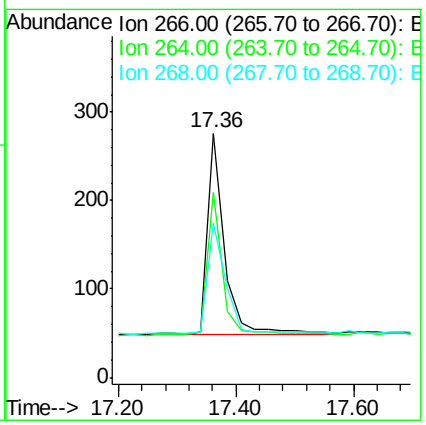
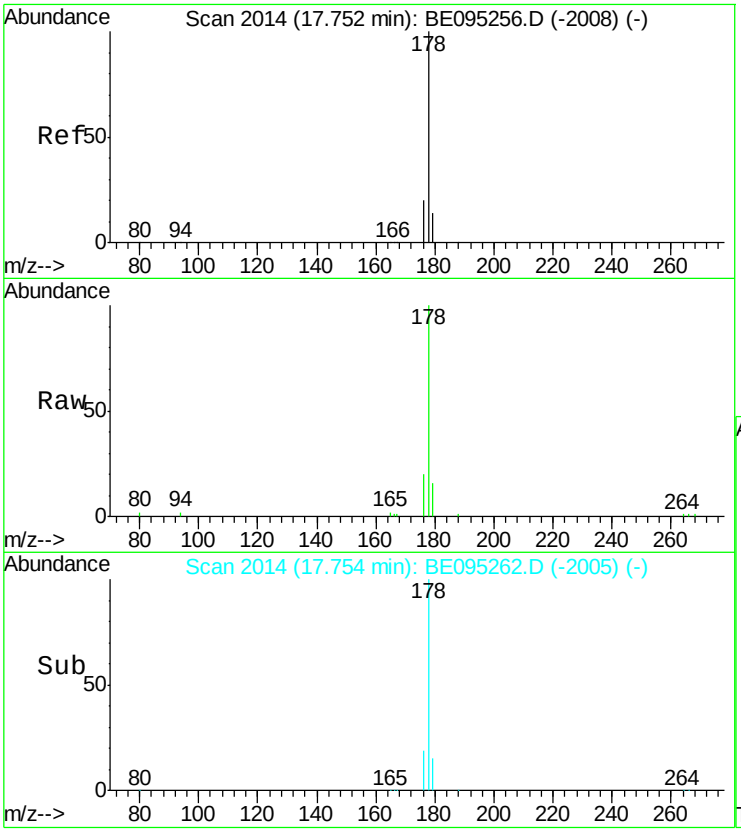


#11
Pentachlorophenol
Concen: 0.262 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:266 Resp: 466

Ion	Ratio	Lower	Upper
266	100		
264	63.1	47.9	71.9
268	56.4	49.8	74.8





#12
Phenanthrene
Concen: 0.298 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:178 Resp: 9209

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	20.2	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
F6B40

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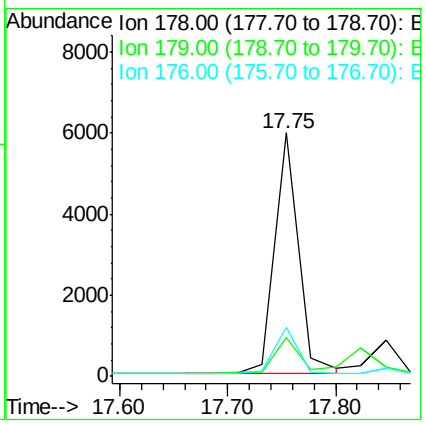
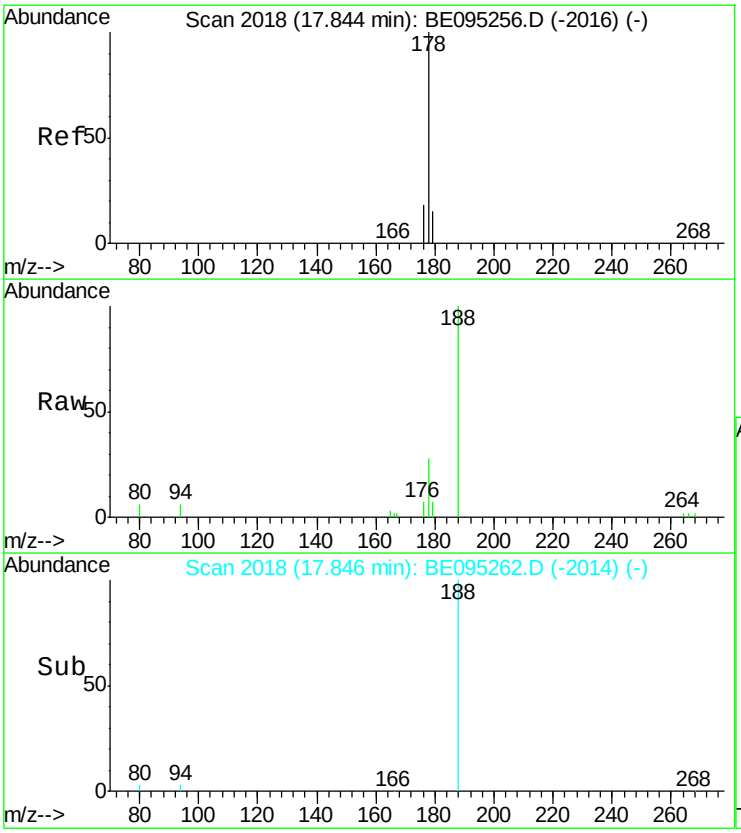
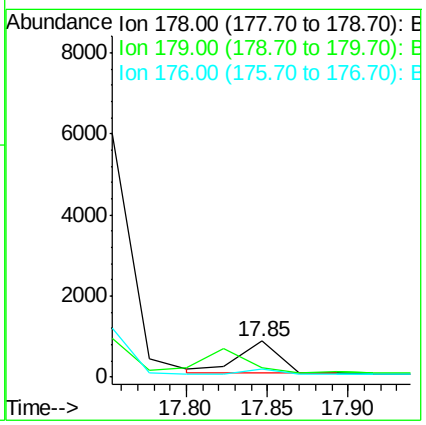


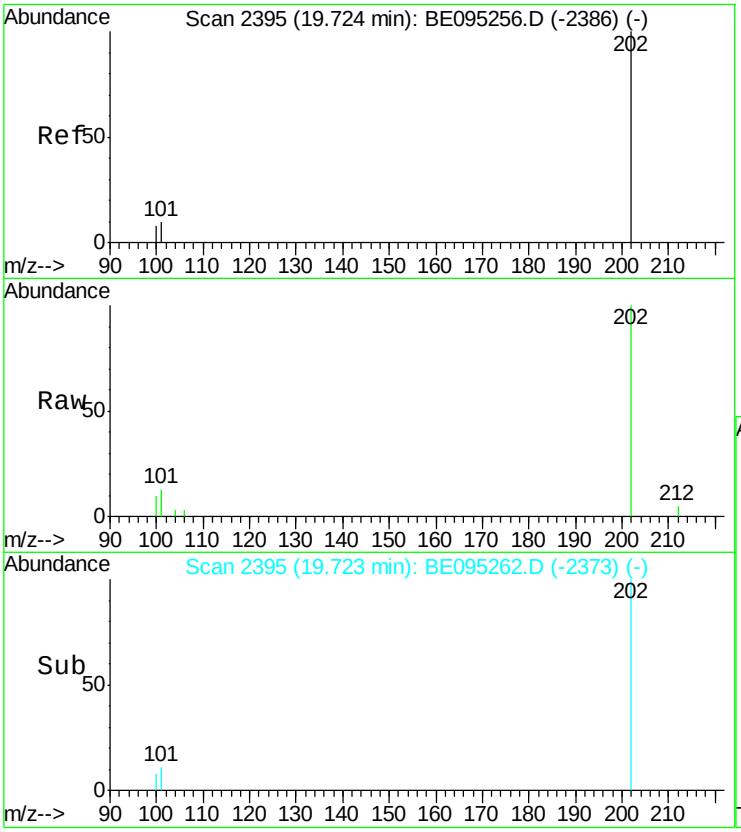


#13
Anthracene
Concen: 0.046 ng/ul
RT: 17.85 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:178 Resp: 1311

Ion	Ratio	Lower	Upper
178	100		
179	24.6	18.1	27.1
176	24.4	14.7	22.1#

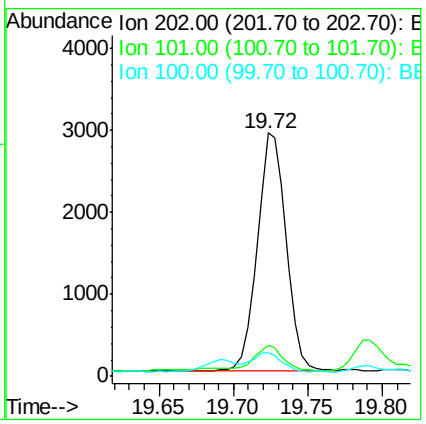




#15
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.72 min Scan# 2395
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:202 Resp: 3912

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	30.3
100	9.7	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6B40

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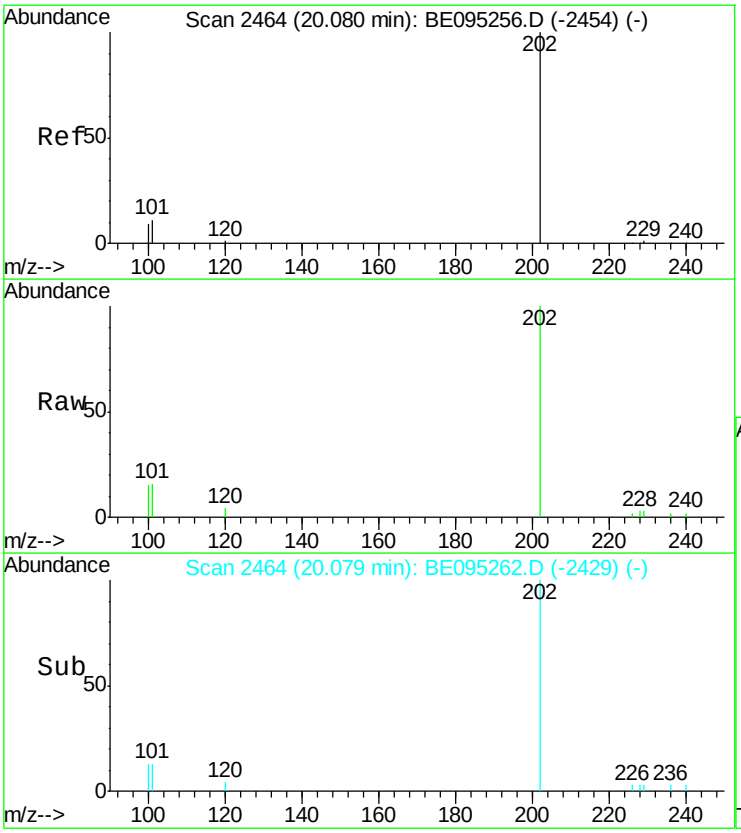
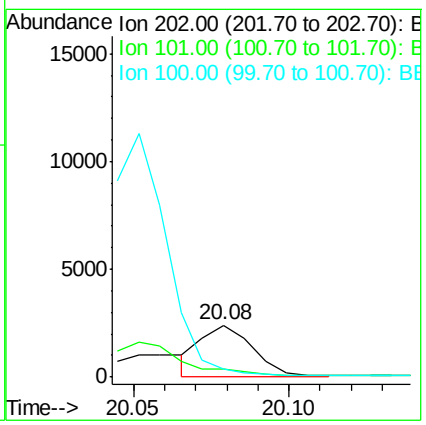
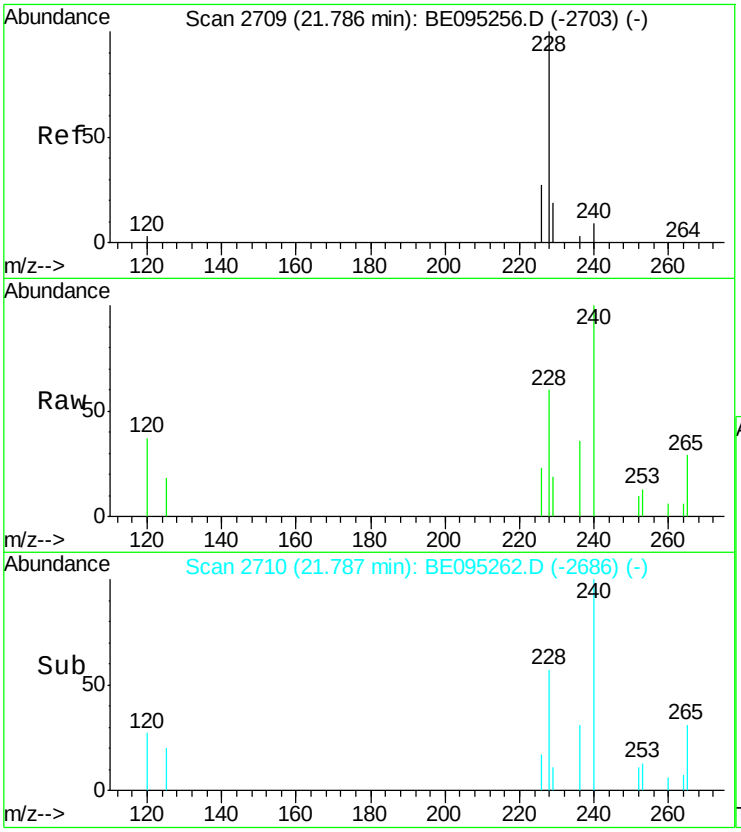


#17
Pyrene
Concen: 0.090 ng/ul m
RT: 20.08 min Scan# 2464
Delta R.T. -0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:202 Resp: 2758

Ion	Ratio	Lower	Upper
202	100		
101	16.2	18.2	27.4#
100	15.1	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 0.033 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:228 Resp: 954

Ion	Ratio	Lower	Upper
228	100		
229	31.3	22.8	34.2
226	37.4	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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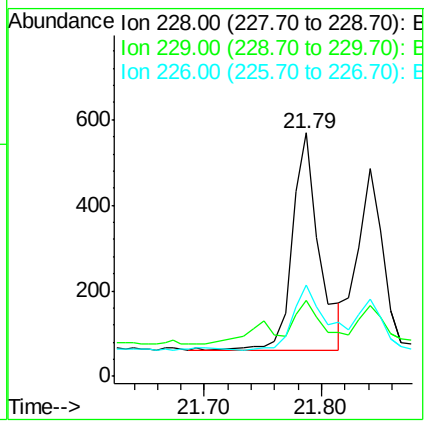

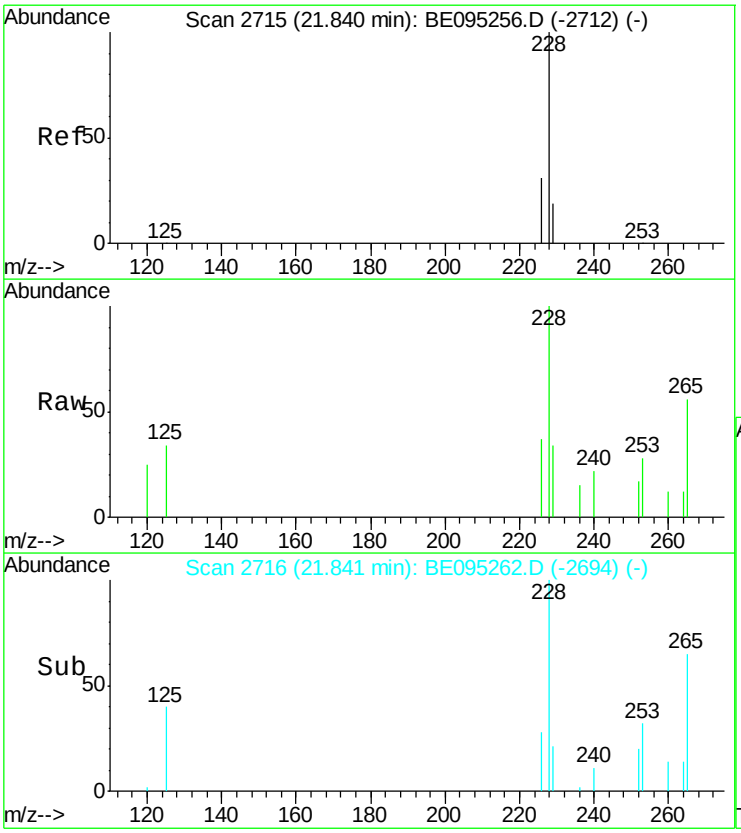

#19
Chrysene
Concen: 0.021 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095262.D
Acq: 30 Jan 2018 00:21

Tgt Ion:228 Resp: 620

Ion	Ratio	Lower	Upper
228	100		
226	37.4	23.4	35.0#
229	33.9	17.7	26.5#