Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_E\DATA\BE012918\
Data File : BE095242.D
Acq On : 29 Jan 2018 12:21
Operator : SJ/JU
Sample : J1233-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
Sohil
1/30/2018 3:31:53 PM

Quant Time: Jan 30 04:53:37 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	1957	0.40	ng/ul	0.00
2) Naphthalene-d8	11.26	136	5846	0.40	ng/ul	0.00
6) Acenaphthene-d10	15.02	164	4018	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.71	188	7951m	0.40	ng/ul	0.00
16) Chrysene-d12	21.80	240	8434	0.40	ng/ul	0.00
20) Perylene-d12	24.44	264	7393m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.81	152	3981	0.42	ng/ul	0.00
14) Fluoranthene-d10	19.70	212	11565	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	11.32	128	434	0.027	ng/ul#	55
5) 2-Methylnaphthalene	12.89	142	1561	0.143	ng/ul	100
7) Acenaphthylene	14.74	152	869	0.045	ng/ul#	66
8) Acenaphthene	15.08	153	7666	0.511	ng/ul	98
9) Fluorene	16.02	166	9227	0.597	ng/ul#	70
11) Pentachlorophenol	17.36	266	9598	6.232	ng/ul	95
12) Phenanthrene	17.75	178	40684	1.521	ng/ul#	86
13) Anthracene	17.84	178	11545	0.472	ng/ul#	92
15) Fluoranthene	19.73	202	47022	1.358	ng/ul	81
17) Pyrene	20.08	202	30924	1.093	ng/ul#	79
18) Benzo(a)anthracene	21.79	228	7116	0.270	ng/ul#	87
19) Chrysene	21.84	228	5076	0.185	ng/ul	95
21) Benzo(b)fluoranthene	23.62	252	7173m	0.275	ng/ul	
22) Benzo(k)fluoranthene	23.67	252	1705m	0.071	ng/ul	
23) Benzo(a)pyrene	24.32	252	2072m	0.089	ng/ul	
24) Indeno(1,2,3-cd)pyrene	27.24	276	1787m	0.070	ng/ul	
25) Dibenzo(a,h)anthracene	27.27	278	435m	0.021	ng/ul	
26) Benzo(g,h,i)perylene	28.12	276	2090m	0.097	ng/ul	

(#) = 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\
Data File : BE095242.D
Acq On : 29 Jan 2018 12:21
Operator : SJ/JU
Sample : J1233-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 30 04:53:37 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE012618.M
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Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
Sohil
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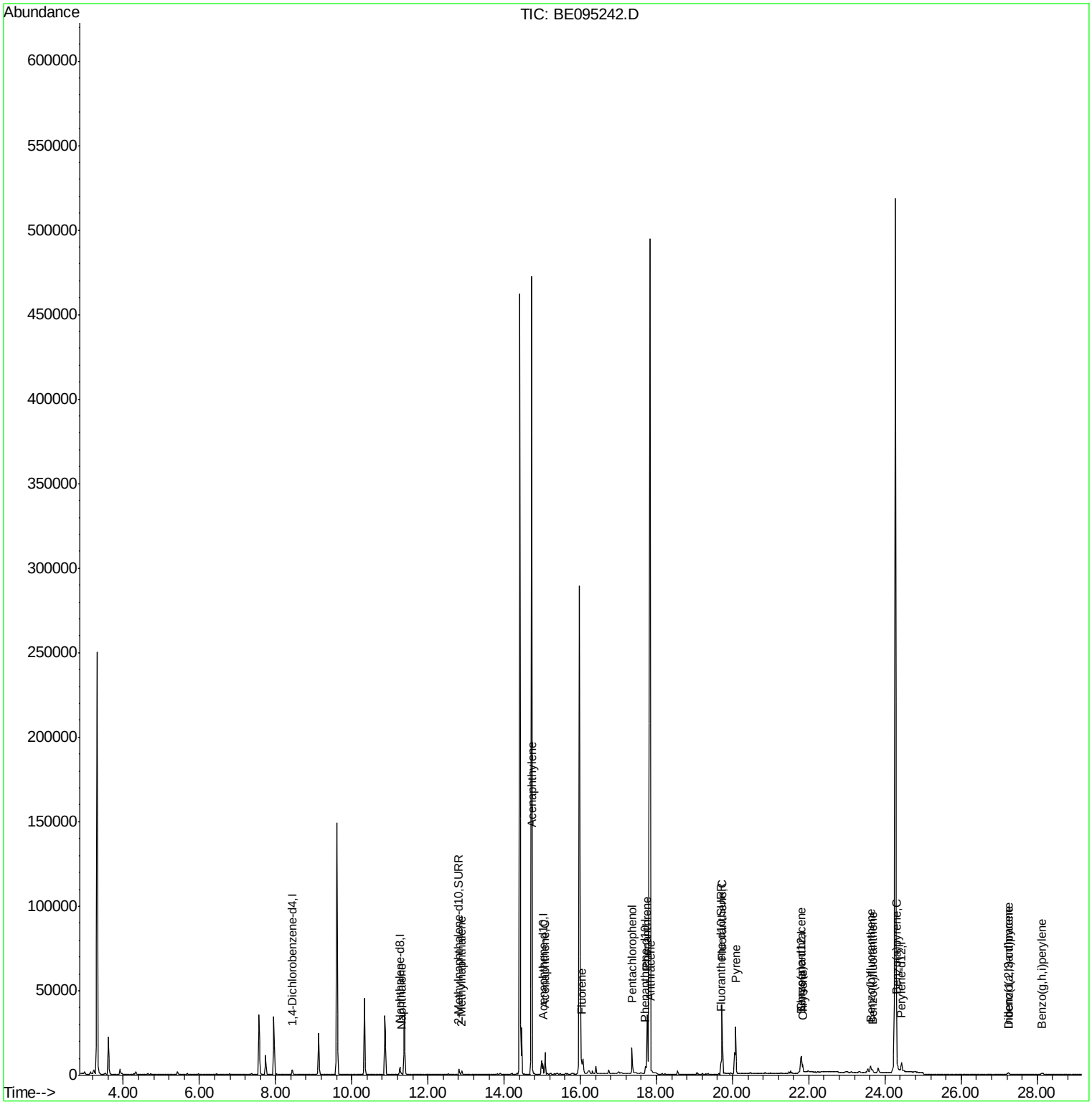

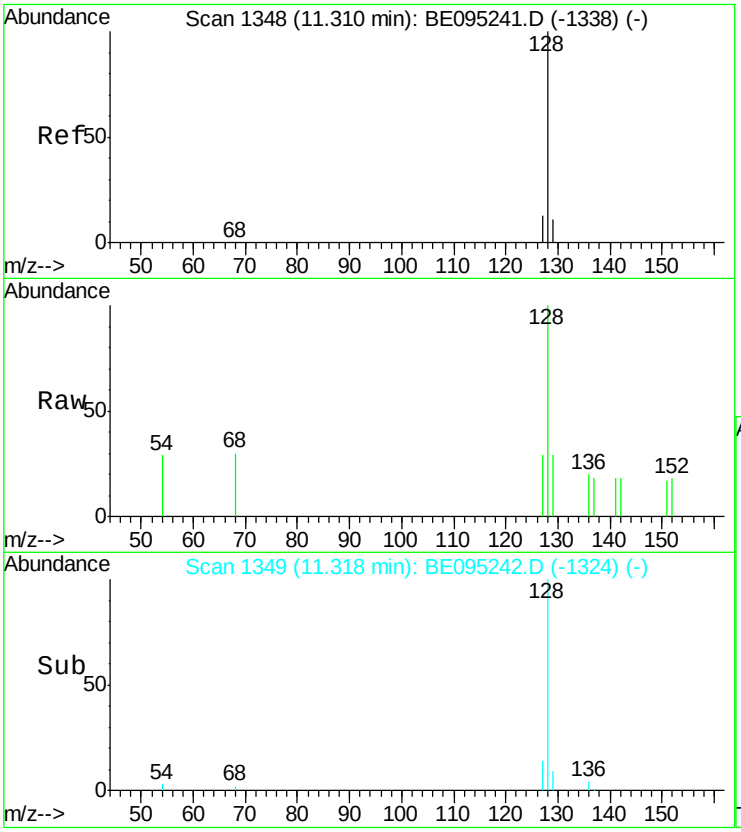

#3
Naphthalene
Concen: 0.027 ng/ul
RT: 11.32 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:128 Resp: 434

Ion	Ratio	Lower	Upper
128	100		
129	28.6	11.3	16.9#
127	28.6	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
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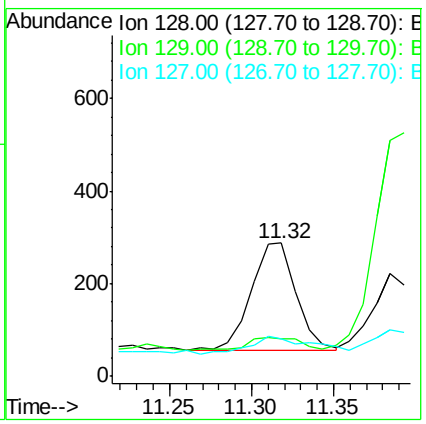
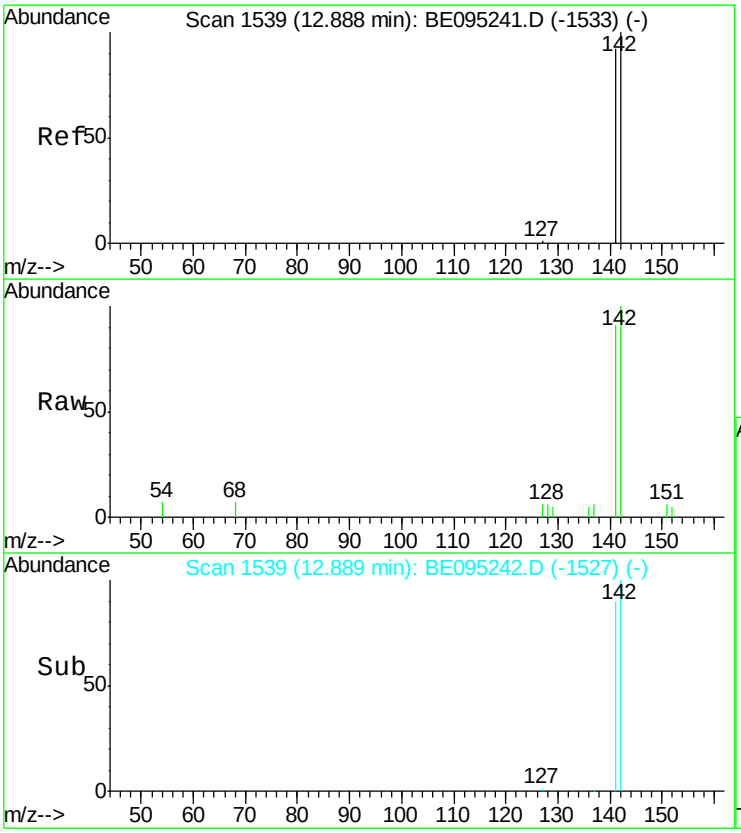
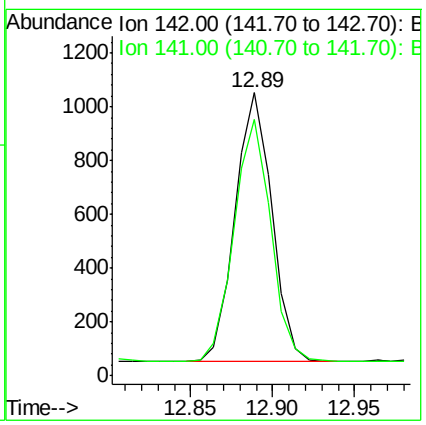


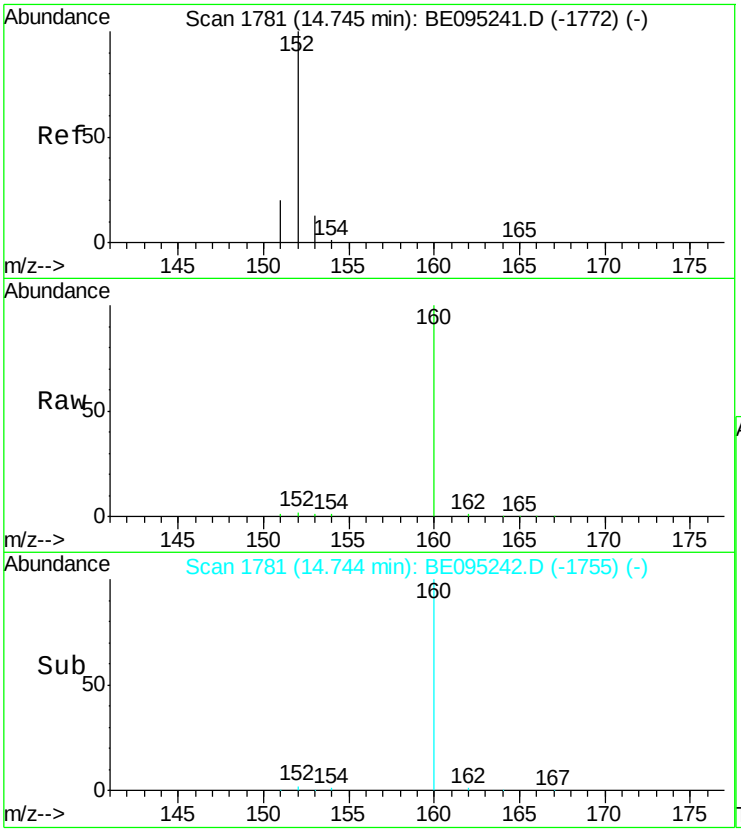


#5
2-Methylnaphthalene
Concen: 0.143 ng/ul
RT: 12.89 min Scan# 1539
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:142 Resp: 1561

Ion	Ratio	Lower	Upper
142	100		
141	90.5	72.6	108.8

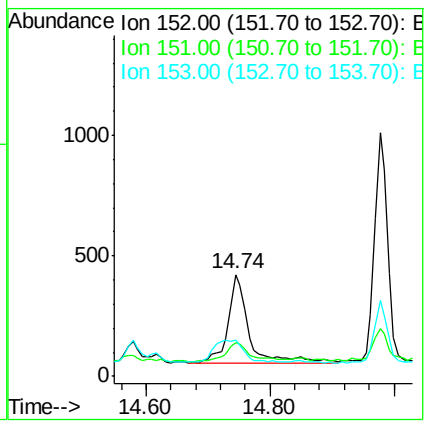




#7
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.74 min Scan# 1781
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:152 Resp: 869

Ion	Ratio	Lower	Upper
152	100		
151	32.8	17.1	25.7#
153	36.1	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
F6B03

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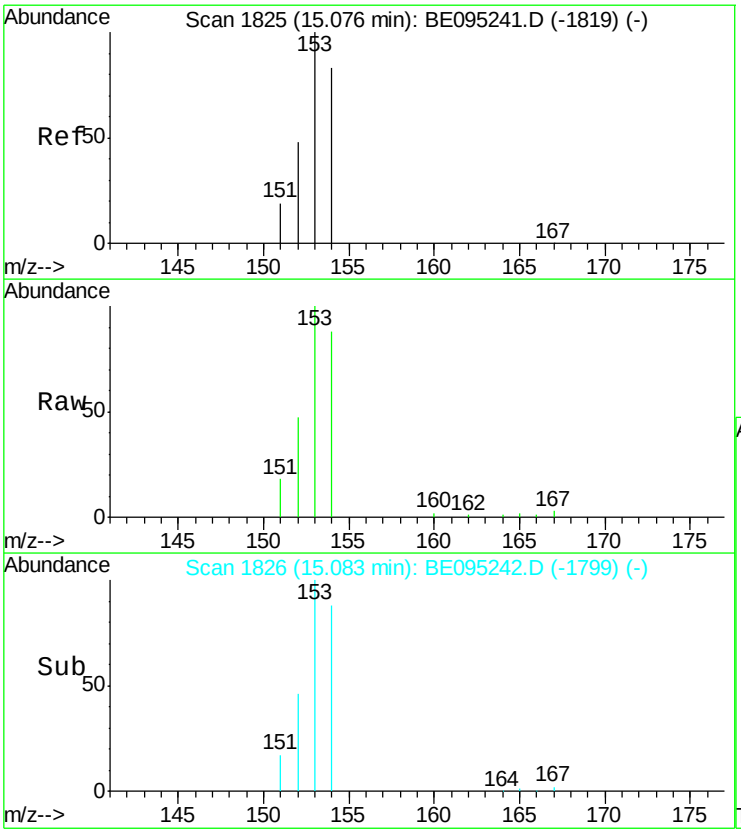
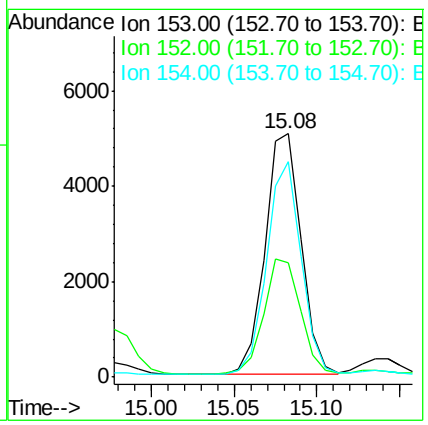
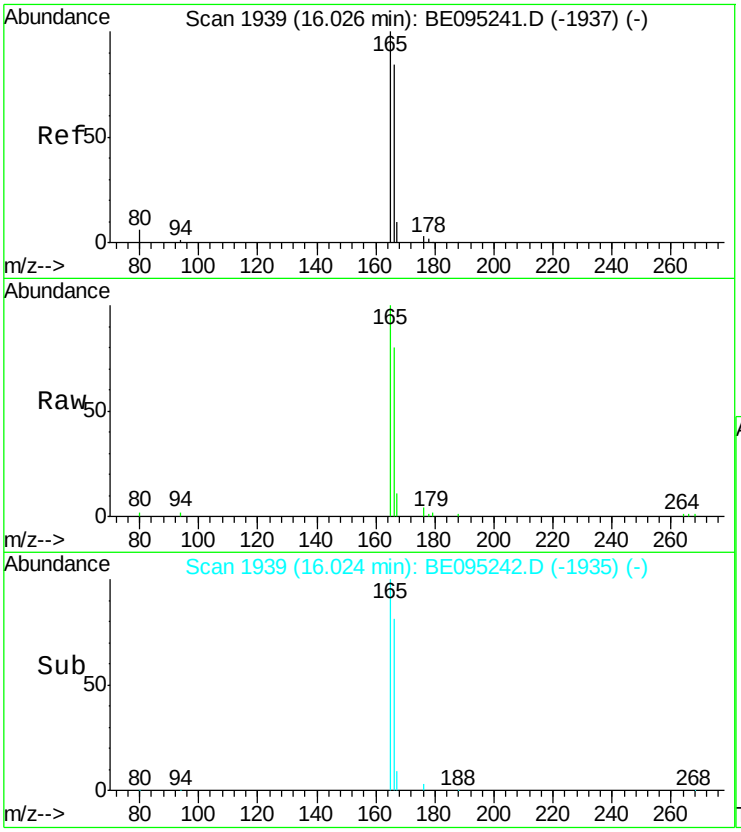


#8
Acenaphthene
Concen: 0.511 ng/ul
RT: 15.08 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:153 Resp: 7666

Ion	Ratio	Lower	Upper
153	100		
152	47.1	36.0	54.0
154	88.3	72.0	108.0

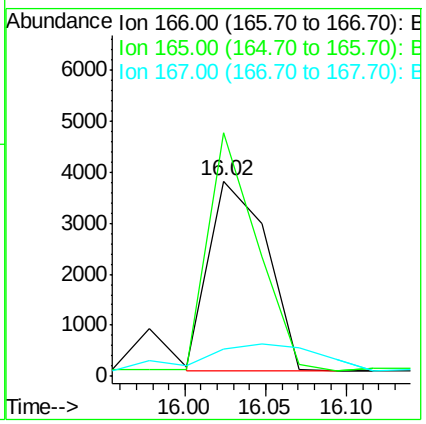




#9
Fluorene
Concen: 0.597 ng/ul
RT: 16.02 min Scan# 1939
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:166 Resp: 9227

Ion	Ratio	Lower	Upper
166	100		
165	124.5	73.4	110.2#
167	14.2	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
Sohil
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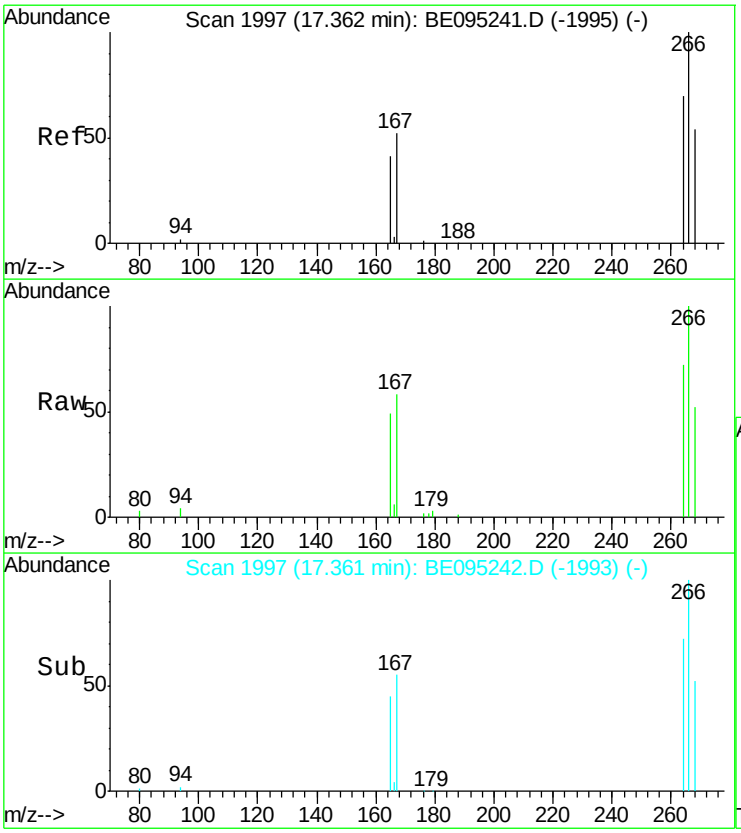
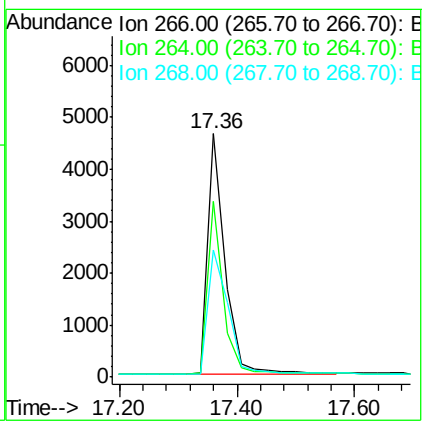
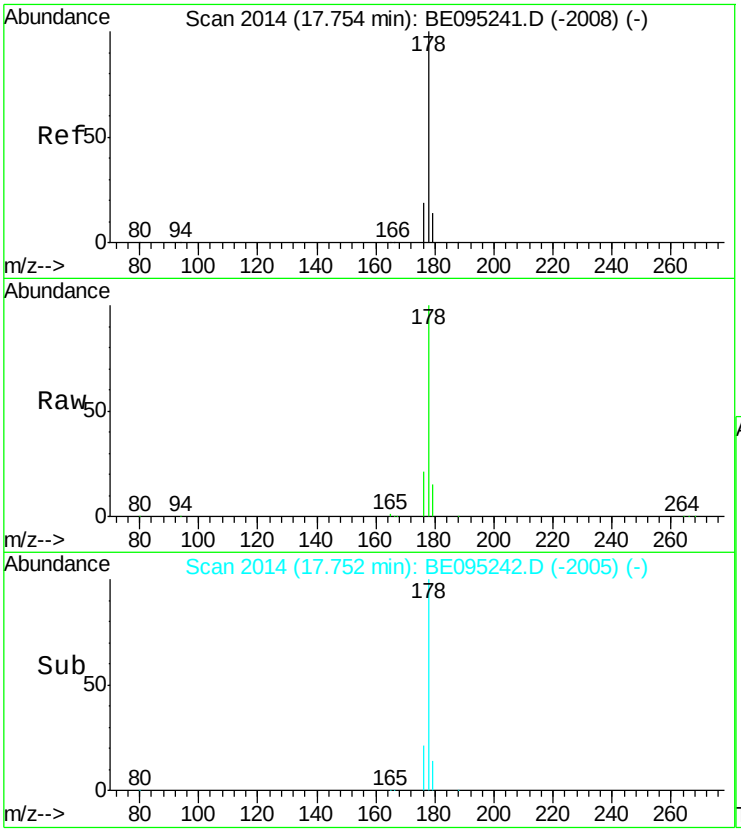


#11
Pentachlorophenol
Concen: 6.232 ng/ul
RT: 17.36 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:266 Resp: 9598

Ion	Ratio	Lower	Upper
266	100		
264	65.7	47.9	71.9
268	60.6	49.8	74.8

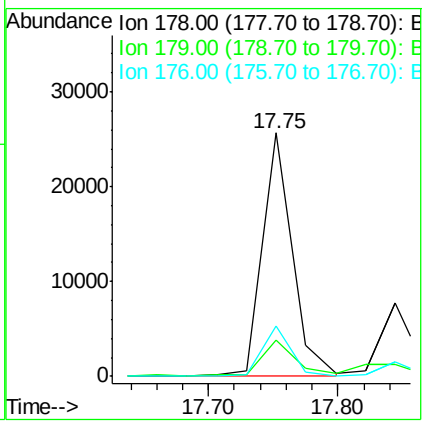




#12
Phenanthrene
Concen: 1.521 ng/ul
RT: 17.75 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:178 Resp: 40684

Ion	Ratio	Lower	Upper
178	100		
179	14.7	18.4	27.6#
176	20.8	13.6	20.4#



Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
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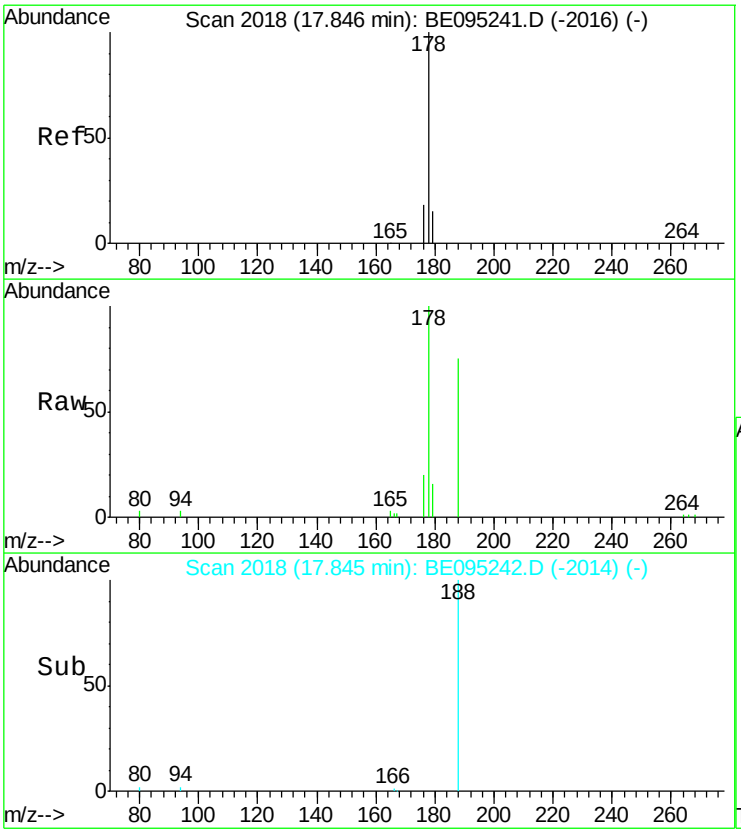
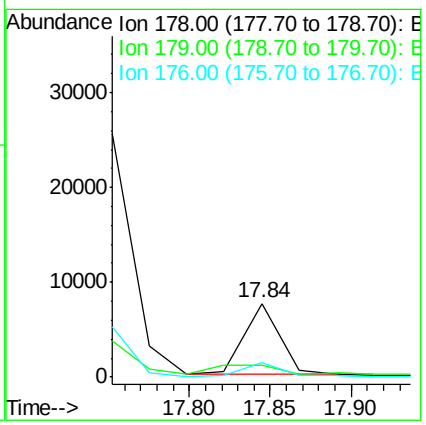
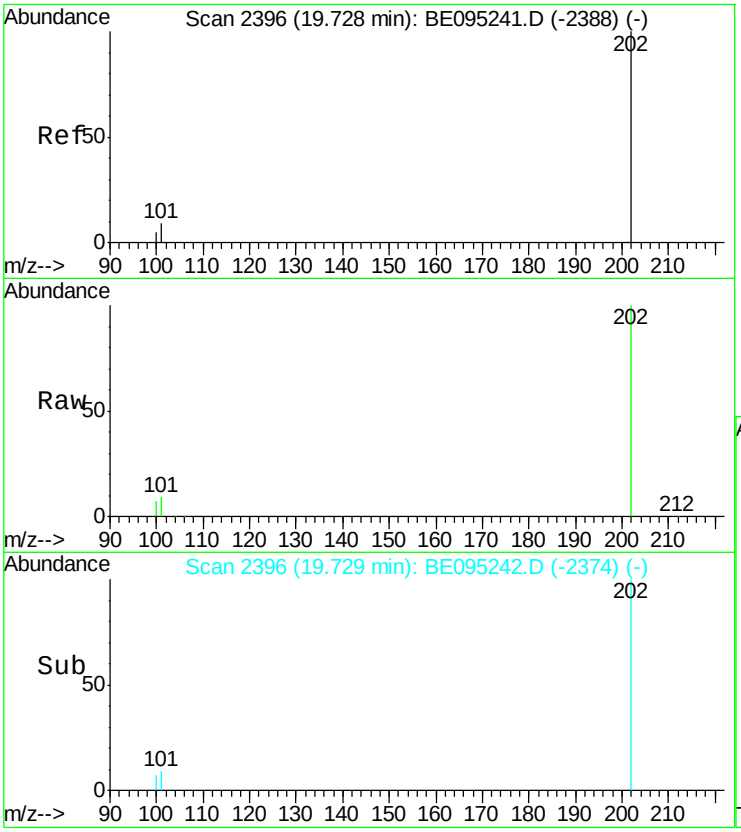


#13
Anthracene
Concen: 0.472 ng/ul
RT: 17.84 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:178 Resp: 11545

Ion	Ratio	Lower	Upper
178	100		
179	16.4	18.1	27.1#
176	19.7	14.7	22.1

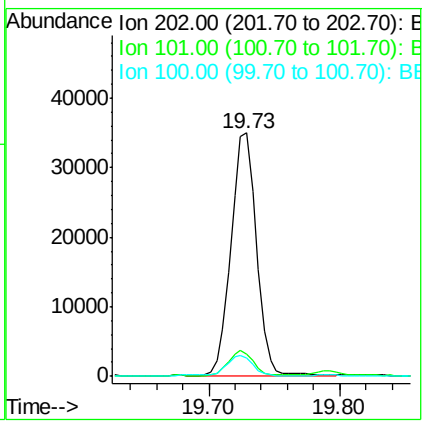




#15
Fluoranthene
Concen: 1.358 ng/ul
RT: 19.73 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:202 Resp: 47022

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.3
100	7.3	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
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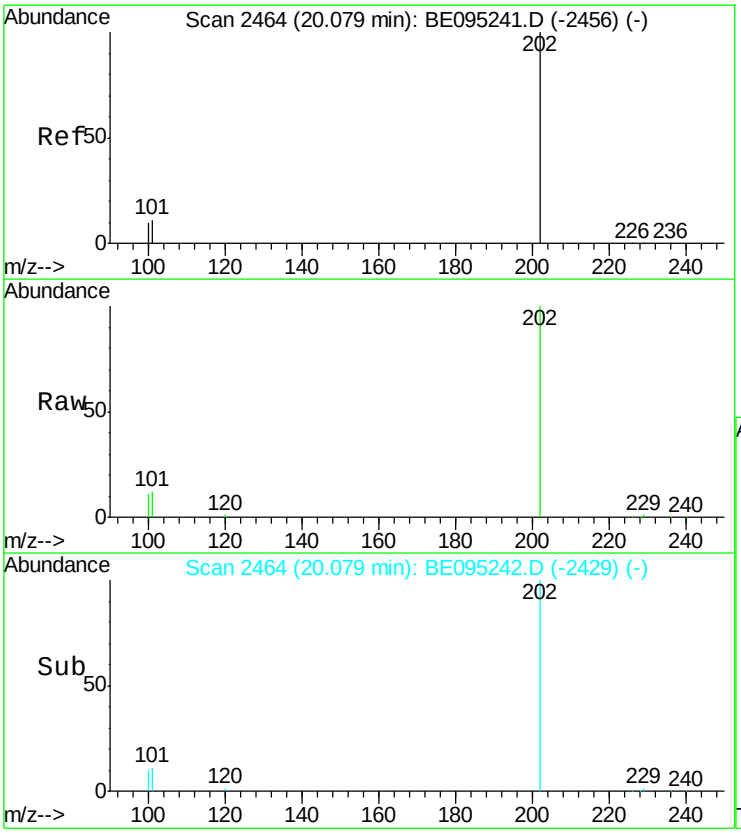
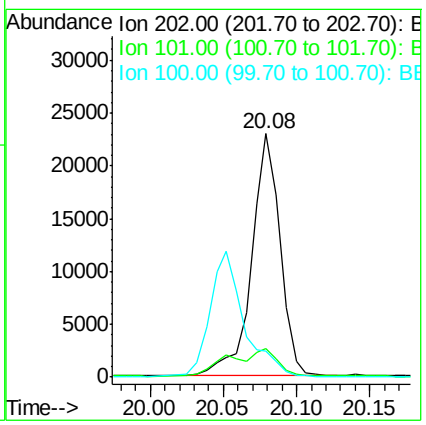
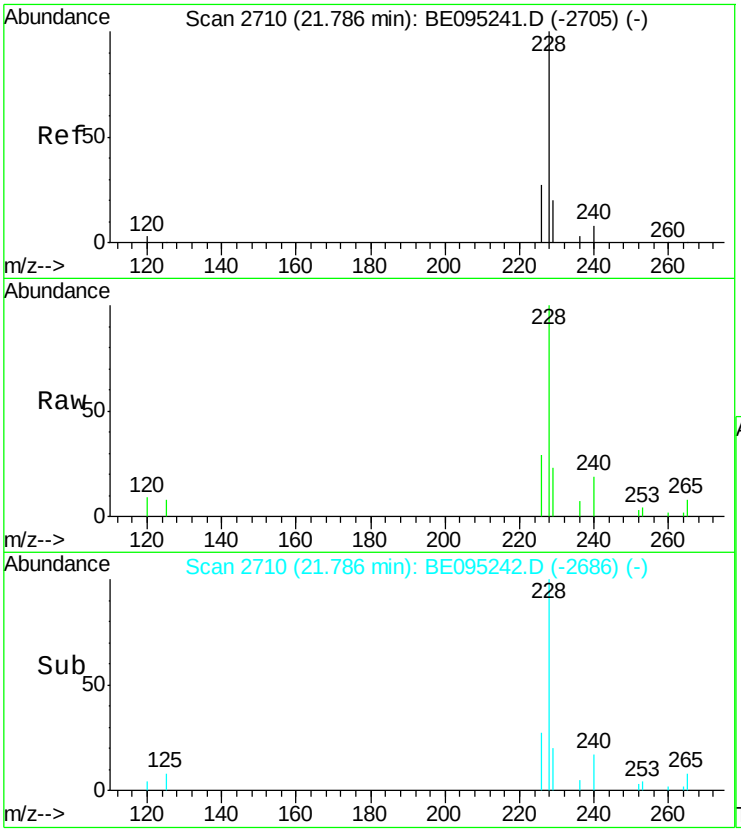


#17
Pyrene
Concen: 1.093 ng/ul
RT: 20.08 min Scan# 2464
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:202 Resp: 30924

Ion	Ratio	Lower	Upper
202	100		
101	11.8	18.2	27.4#
100	10.7	15.6	23.4#

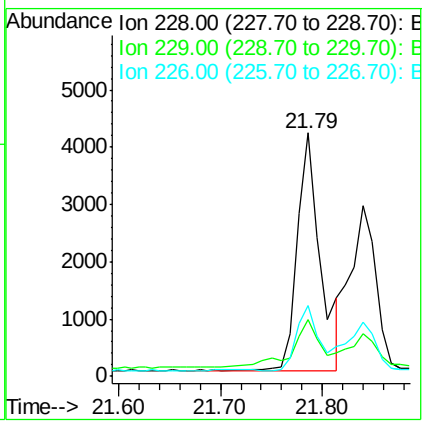




#18
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.79 min Scan# 2710
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:228 Resp: 7116

Ion	Ratio	Lower	Upper
228	100		
229	23.2	22.8	34.2
226	28.9	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
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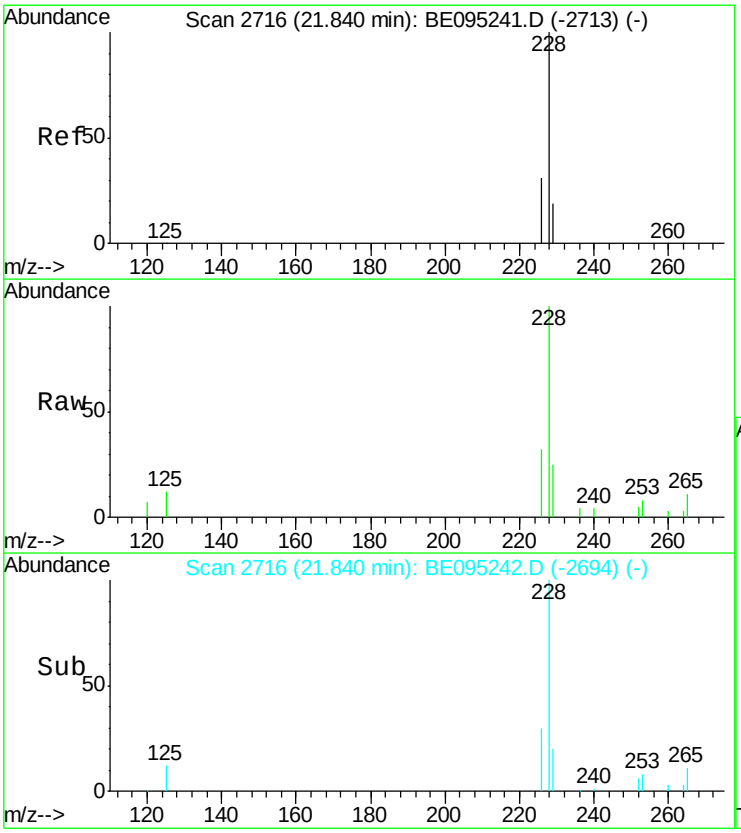
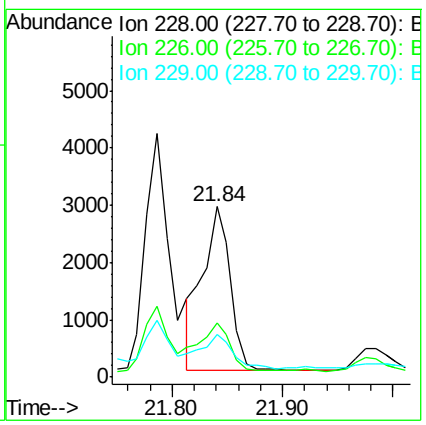
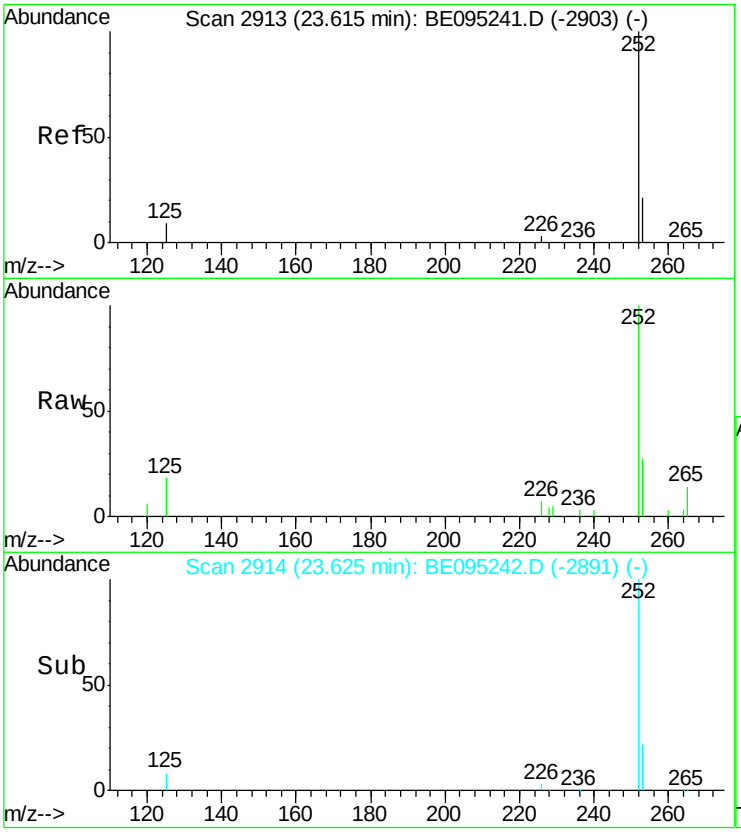


#19
Chrysene
Concen: 0.185 ng/ul
RT: 21.84 min Scan# 2716
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:228 Resp: 5076

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.4	35.0
229	24.8	17.7	26.5

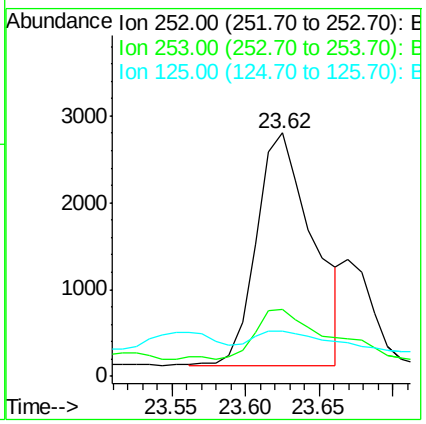




#21
Benzo(b)fluoranthene
Concen: 0.275 ng/ul m
RT: 23.62 min Scan# 2914
Delta R.T. 0.01 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:252 Resp: 7173

Ion	Ratio	Lower	Upper
252	100		
253	27.4	0.0	64.2
125	18.5	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
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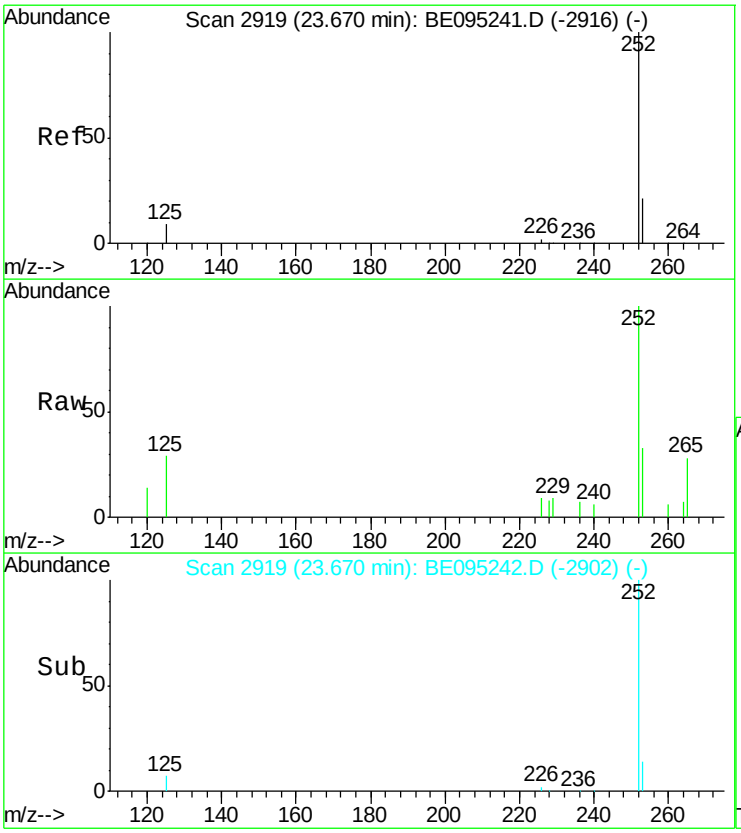
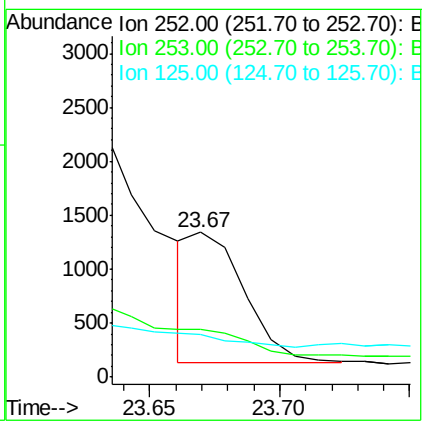
1/30/2018 3:31:53 PM

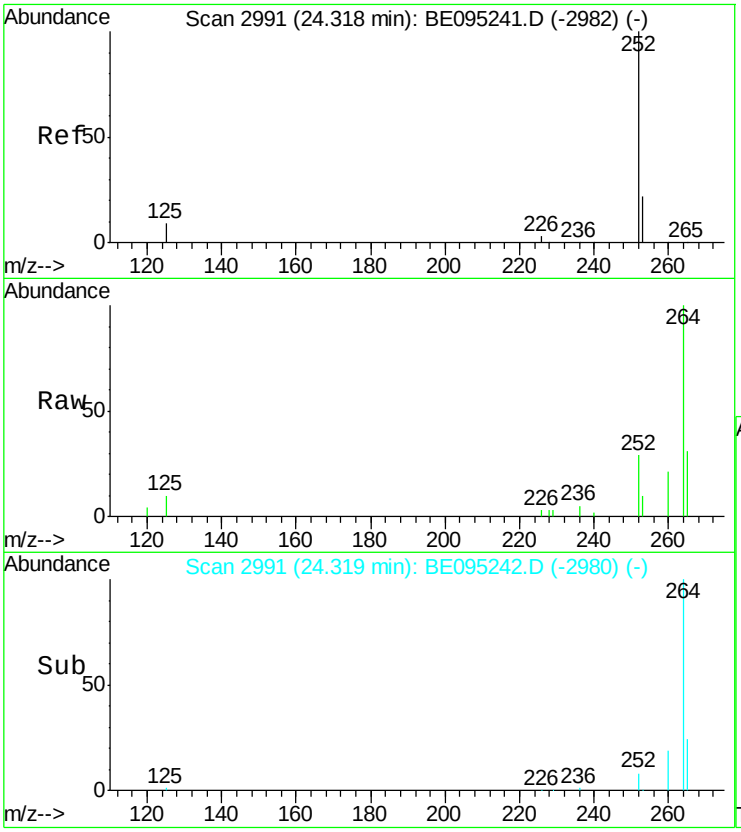


#22
Benzo(k)fluoranthene
Concen: 0.071 ng/ul m
RT: 23.67 min Scan# 2919
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:252 Resp: 1705

Ion	Ratio	Lower	Upper
252	100		
253	32.7	24.5	36.7
125	29.1	13.7	20.5#





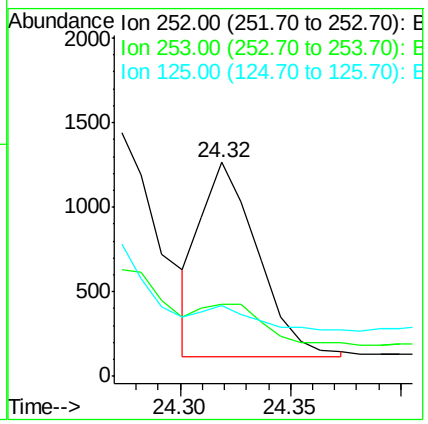
#23
Benzo(a)pyrene
Concen: 0.089 ng/ul m
RT: 24.32 min Scan# 2991
Delta R.T. 0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

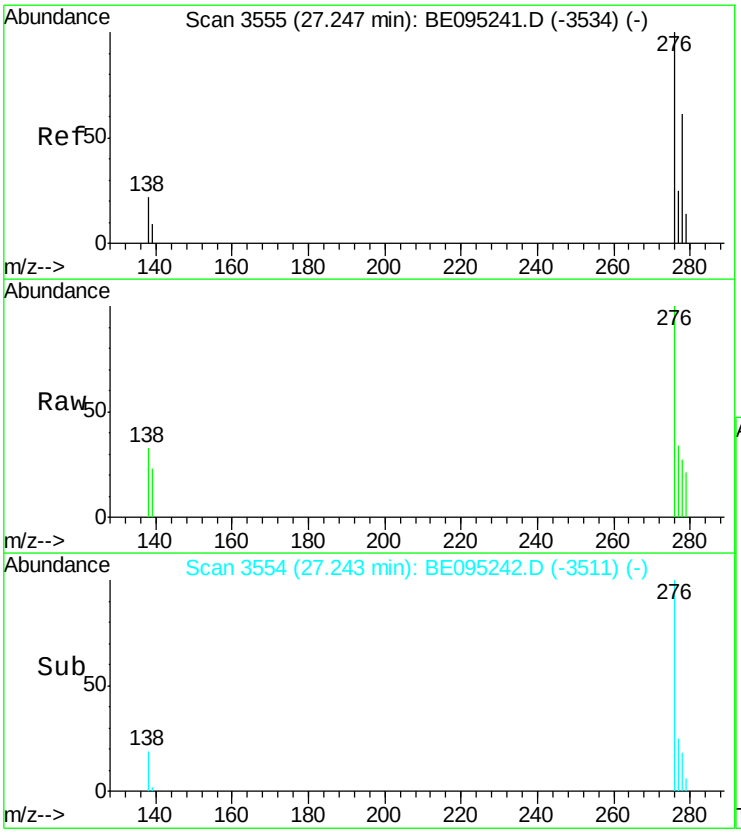
Tgt Ion:252 Resp: 2072

Ion	Ratio	Lower	Upper
252	100		
253	33.5	28.5	42.7
125	32.9	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
Sohil
1/30/2018 3:31:53 PM

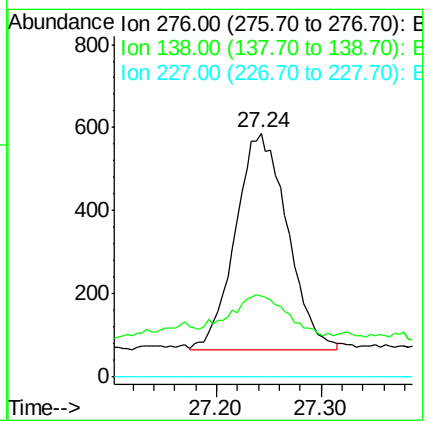


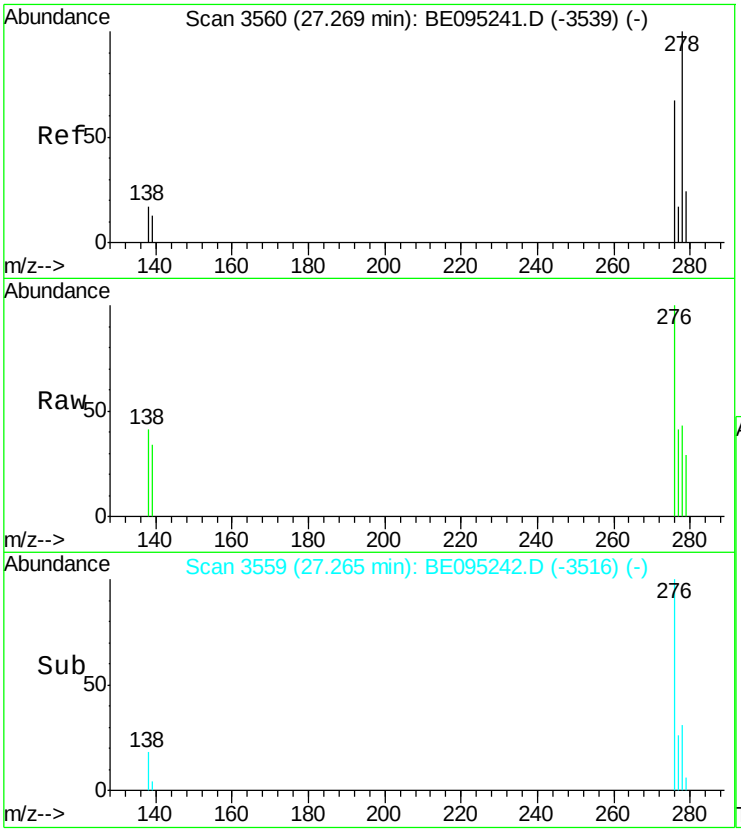


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.070 ng/ul m
RT: 27.24 min Scan# 3554
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:276 Resp: 1787

Ion	Ratio	Lower	Upper
276	100		
138	3.2	28.0	42.0#
227	0.0	8.0	12.0#





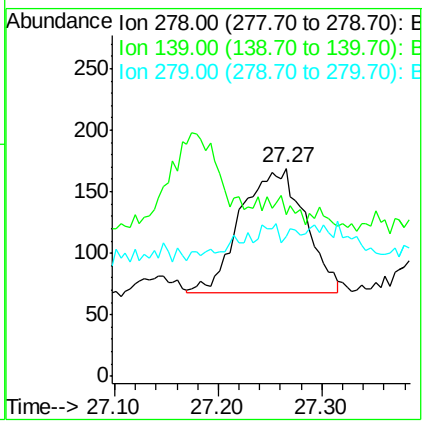
#25
Dibenzo(a,h)anthracene
Concen: 0.021 ng/ul m
RT: 27.27 min Scan# 3559
Delta R.T. -0.00 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

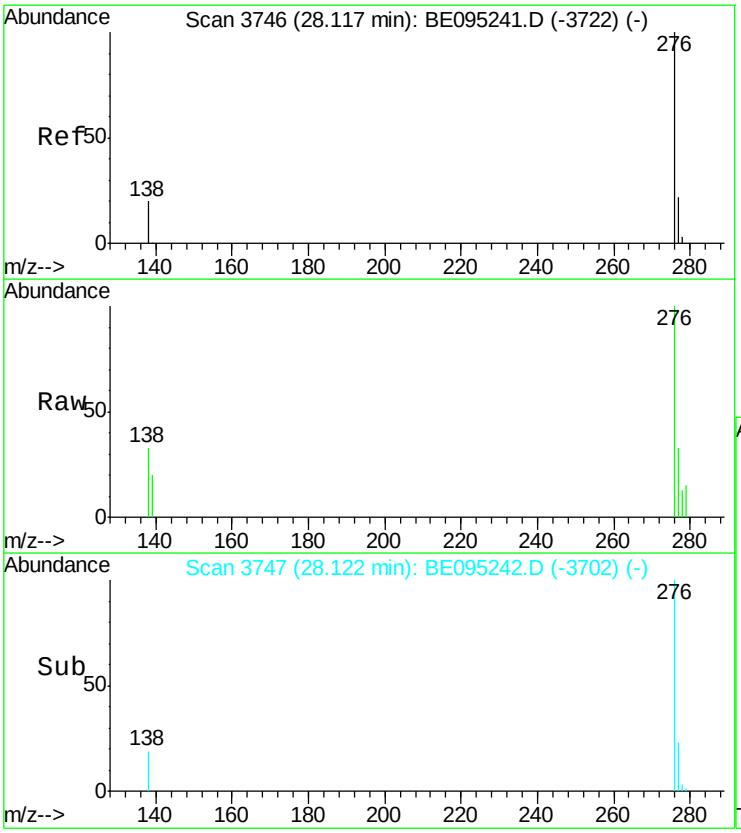
Tgt Ion:278 Resp: 435

Ion	Ratio	Lower	Upper
278	100		
139	77.5	17.4	26.0#
279	67.5	25.9	38.9#

Instrument :
BNA_E
ClientSampleId :
F6B03

Manual Integrations APPROVED
Sohil
1/30/2018 3:31:53 PM





#26
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul m
RT: 28.12 min Scan# 3747
Delta R.T. 0.01 min
Lab File: BE095242.D
Acq: 29 Jan 2018 12:21

Tgt Ion:276 Resp: 2090

Ion	Ratio	Lower	Upper
276	100		
138	33.2	21.8	32.8#
277	32.9	20.5	30.7#