Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097467.D
Acq On : 13 Sep 2018 1:13
Operator : SJ/JU
Sample : J4792-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : A3YZ0DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:34 PM

Quant Time: Sep 13 03:52:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1039	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6004	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4156	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10604	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12090	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	13338	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	400	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1401	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	2057	0.141	ng/ul#	96
5) 2-Methylnaphthalene	11.79	142	744	0.080	ng/ul	98
7) Acenaphthylene	13.72	152	2042	0.135	ng/ul	96
8) Acenaphthene	14.07	153	1398	0.107	ng/ul	93
9) Fluorene	15.07	166	1729	0.116	ng/ul	91
12) Phenanthrene	16.80	178	46930	1.719	ng/ul#	89
13) Anthracene	16.89	178	8740	0.381	ng/ul#	93
15) Fluoranthene	18.83	202	99328	2.833	ng/ul	84
17) Pyrene	19.20	202	90101	2.769	ng/ul#	80
18) Benzo(a)anthracene	20.95	228	46851	1.509	ng/ul#	86
19) Chrysene	21.01	228	44350	1.239	ng/ul	97
21) Benzo(b)fluoranthene	22.53	252	51648m	1.446	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	14740m	0.370	ng/ul	
23) Benzo(a)pyrene	23.10	252	34177	1.034	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.49	276	21558	0.503	ng/ul#	75
25) Dibenzo(a,h)anthracene	25.50	278	6278	0.173	ng/ul#	81
26) Benzo(g,h,i)perylene	26.19	276	18973	0.520	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097467.D
Acq On : 13 Sep 2018 1:13
Operator : SJ/JU
Sample : J4792-04DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Sep 13 03:52:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 01:51:24 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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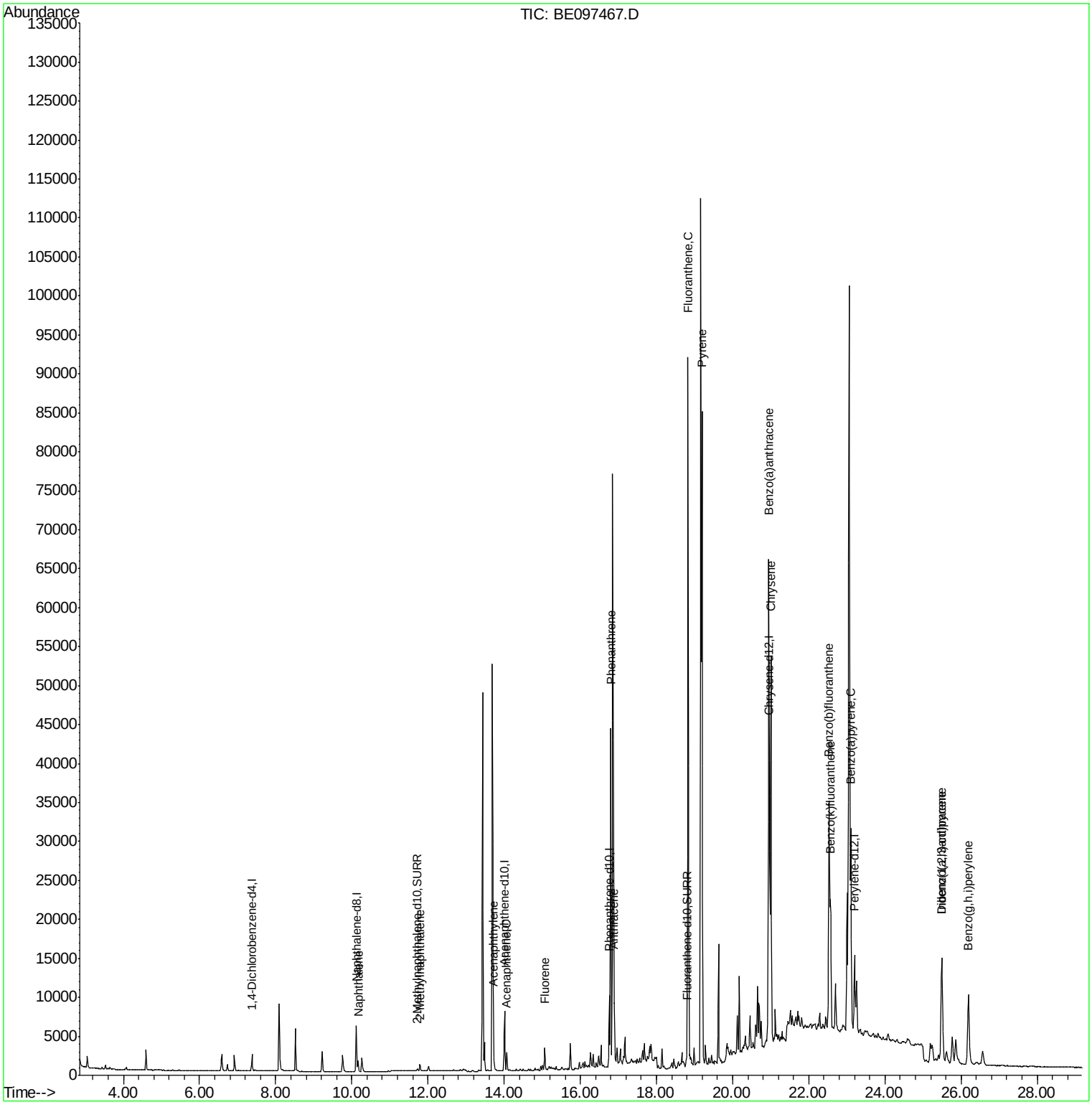

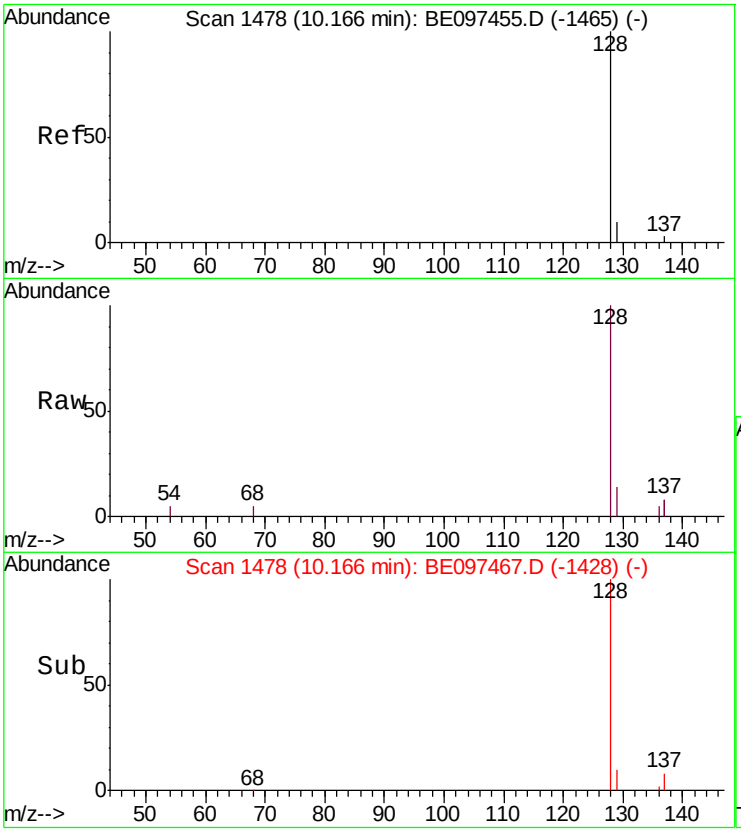

#3
Naphthalene
Concen: 0.141 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:128 Resp: 2057

Ion	Ratio	Lower	Upper
128	100		
129	14.2	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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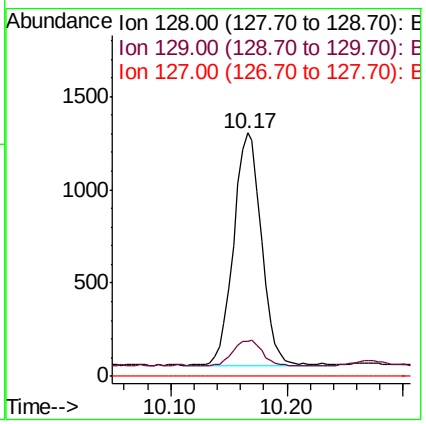
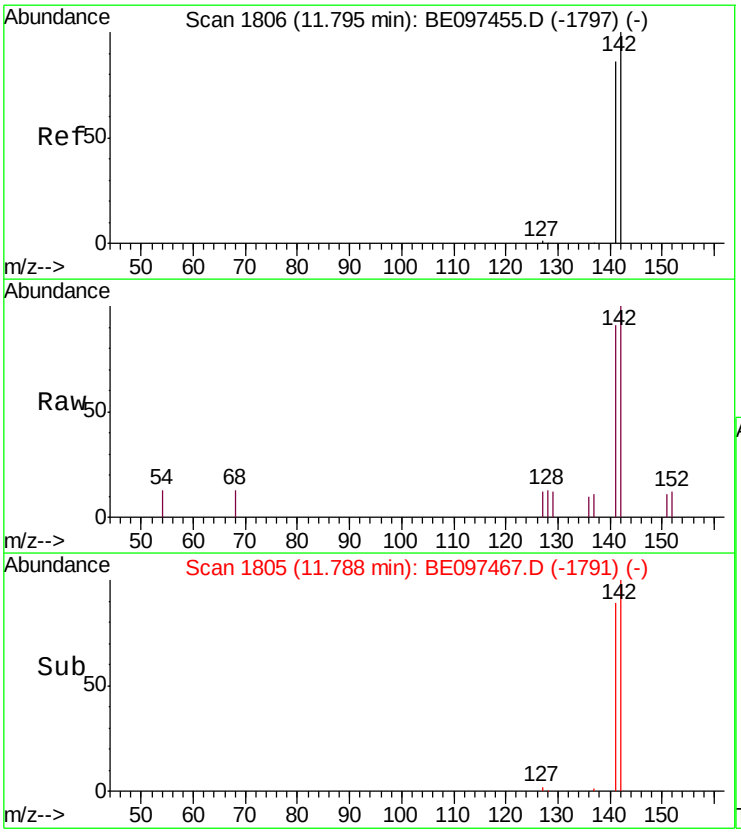
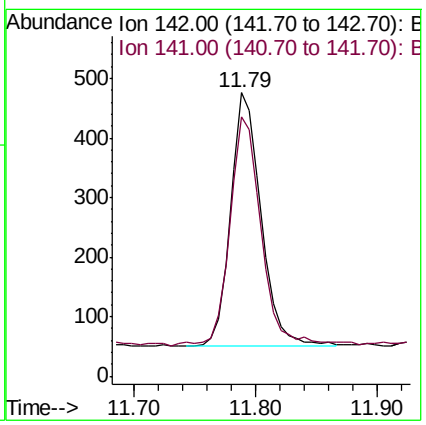


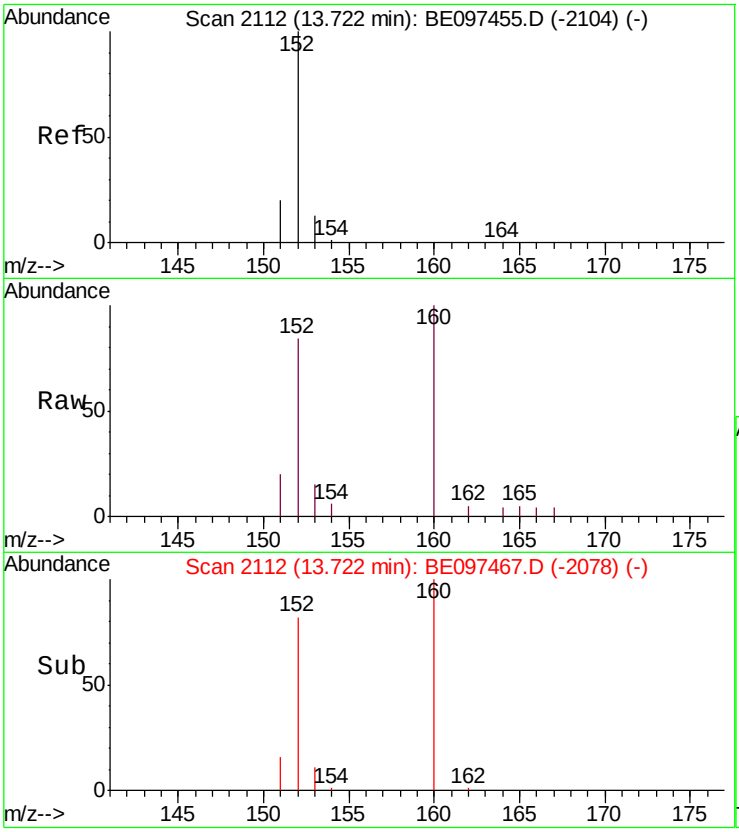


#5
2-Methylnaphthalene
Concen: 0.080 ng/ul
RT: 11.79 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:142 Resp: 744

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.6	108.8





#7
Acenaphthylene
Concen: 0.135 ng/ul
RT: 13.72 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:152 Resp: 2042

Ion	Ratio	Lower	Upper
152	100		
151	23.7	17.1	25.7
153	17.3	12.8	19.2

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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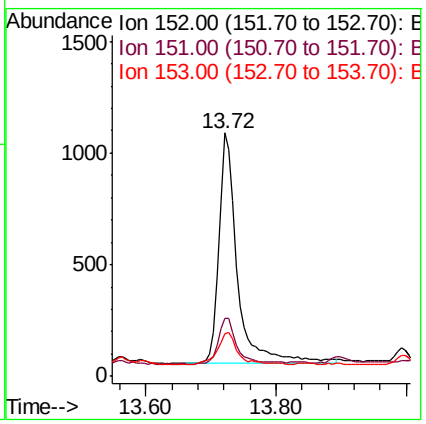
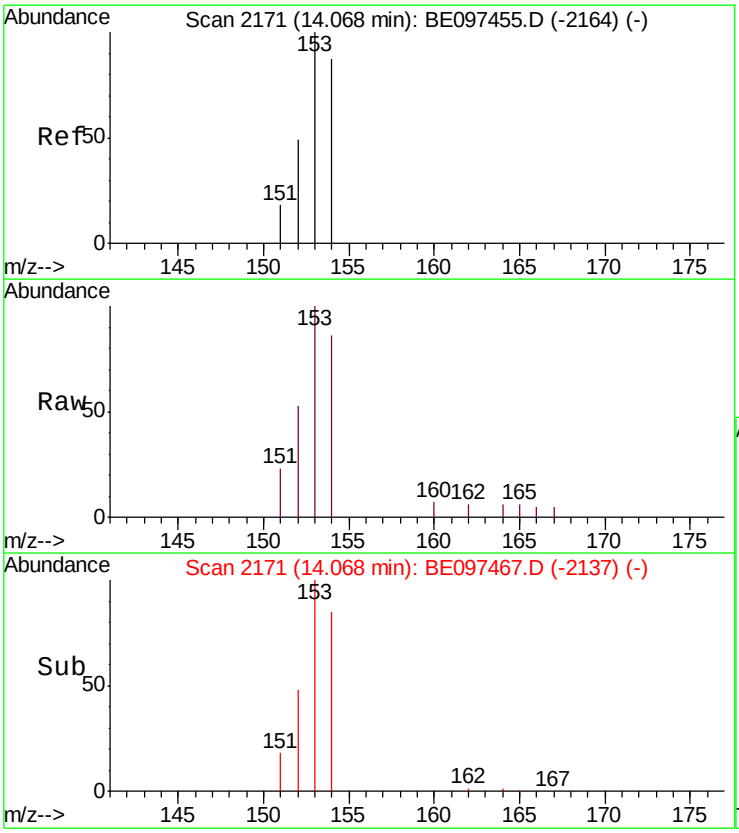
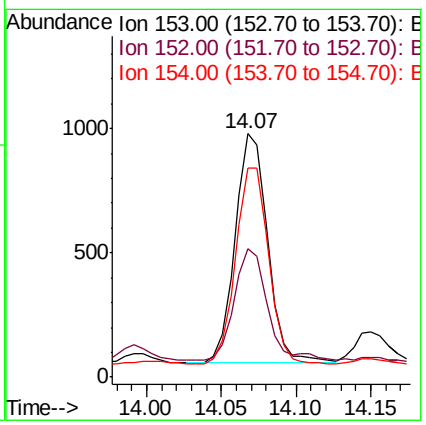


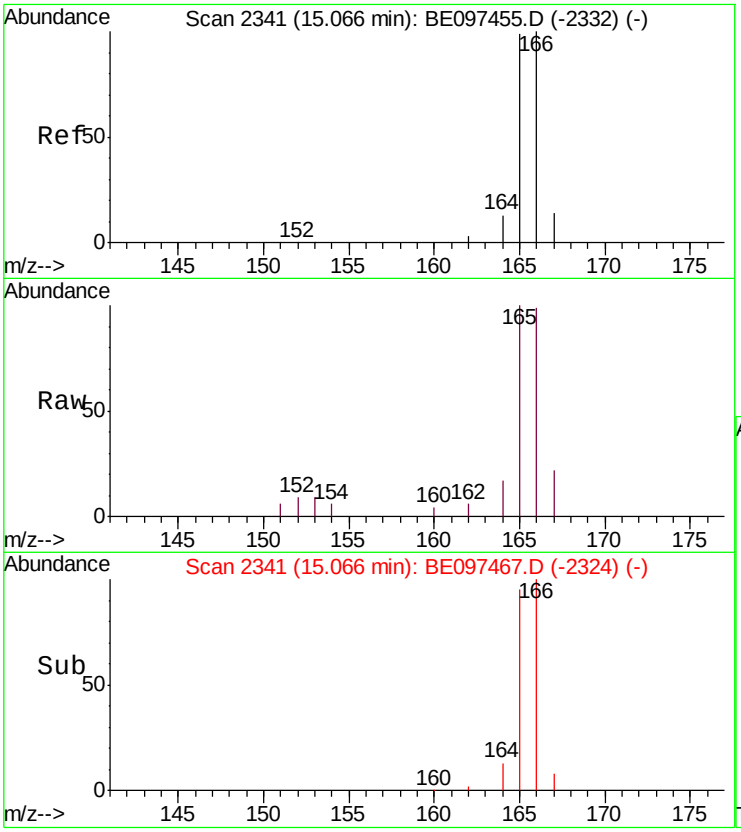


#8
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:153 Resp: 1398

Ion	Ratio	Lower	Upper
153	100		
152	52.6	36.0	54.0
154	85.7	72.0	108.0

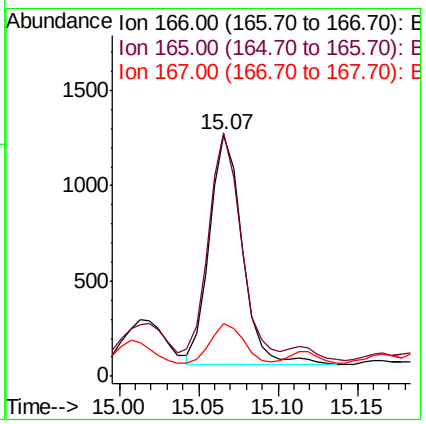




#9
Fluorene
Concen: 0.116 ng/ul
RT: 15.07 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:166 Resp: 1729

Ion	Ratio	Lower	Upper
166	100		
165	100.8	73.4	110.2
167	21.7	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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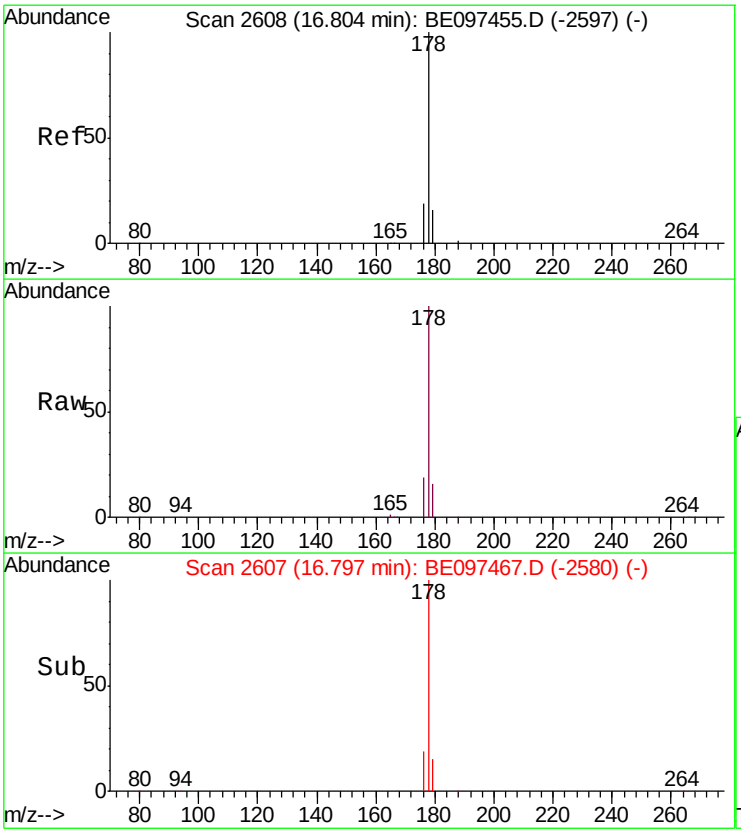
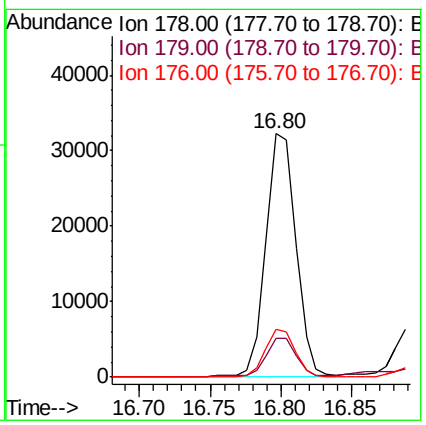
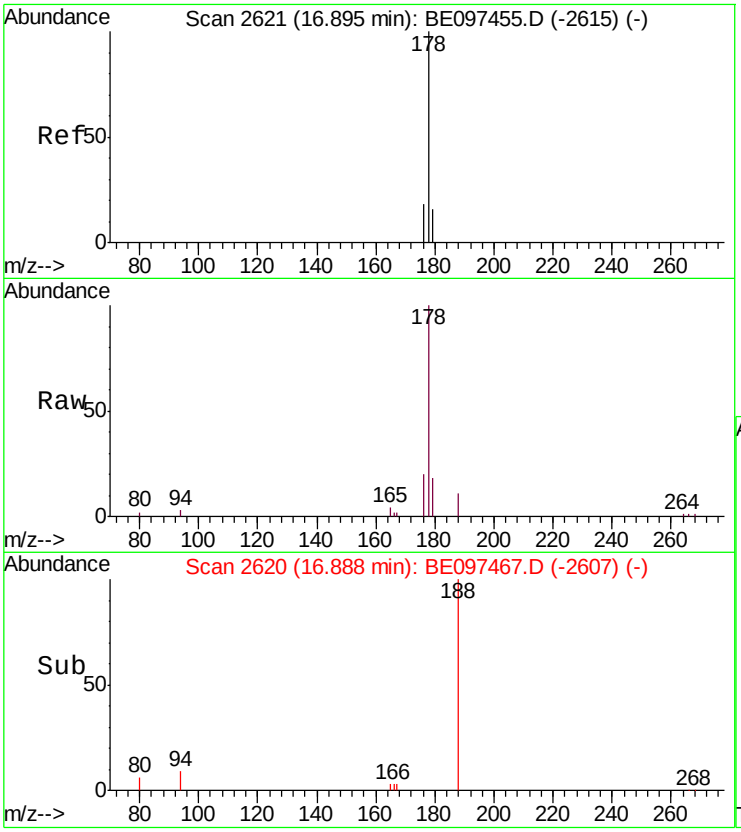


#12
Phenanthrene
Concen: 1.719 ng/ul
RT: 16.80 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:178 Resp: 46930

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.5	13.6	20.4





#13
Anthracene
Concen: 0.381 ng/ul
RT: 16.89 min Scan# 2620
Delta R.T. -0.01 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:178 Resp: 8740

Ion	Ratio	Lower	Upper
178	100		
179	17.9	18.1	27.1#
176	19.7	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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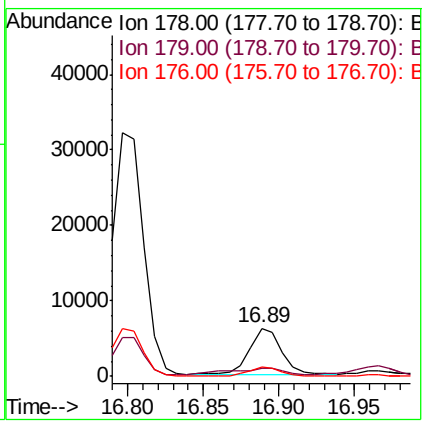
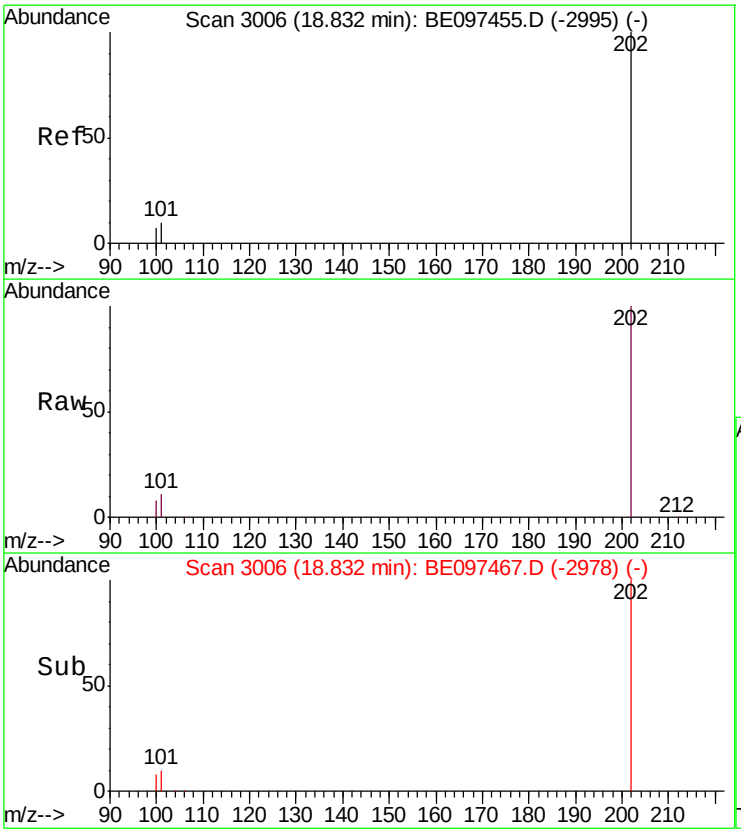
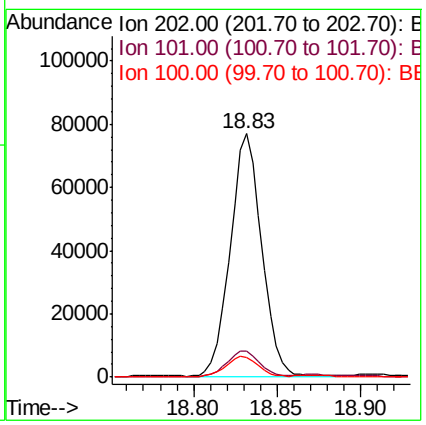


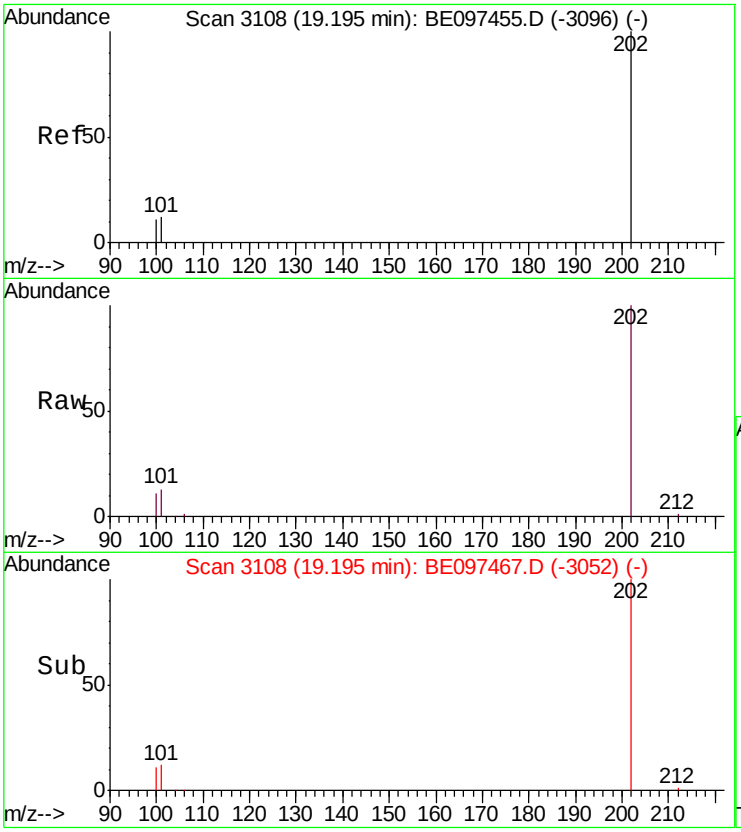


#15
Fluoranthene
Concen: 2.833 ng/ul
RT: 18.83 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:202 Resp: 99328

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	30.3
100	8.3	0.0	39.5





#17
Pyrene
Concen: 2.769 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:202 Resp: 90101

Ion	Ratio	Lower	Upper
202	100		
101	12.8	18.2	27.4#
100	10.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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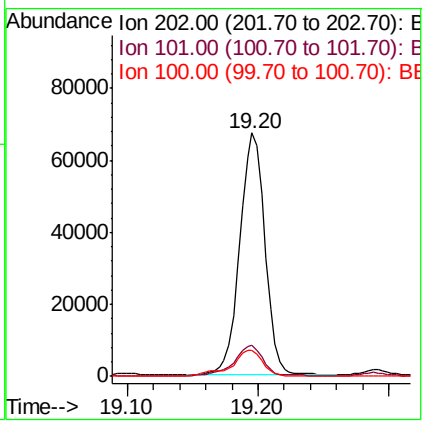
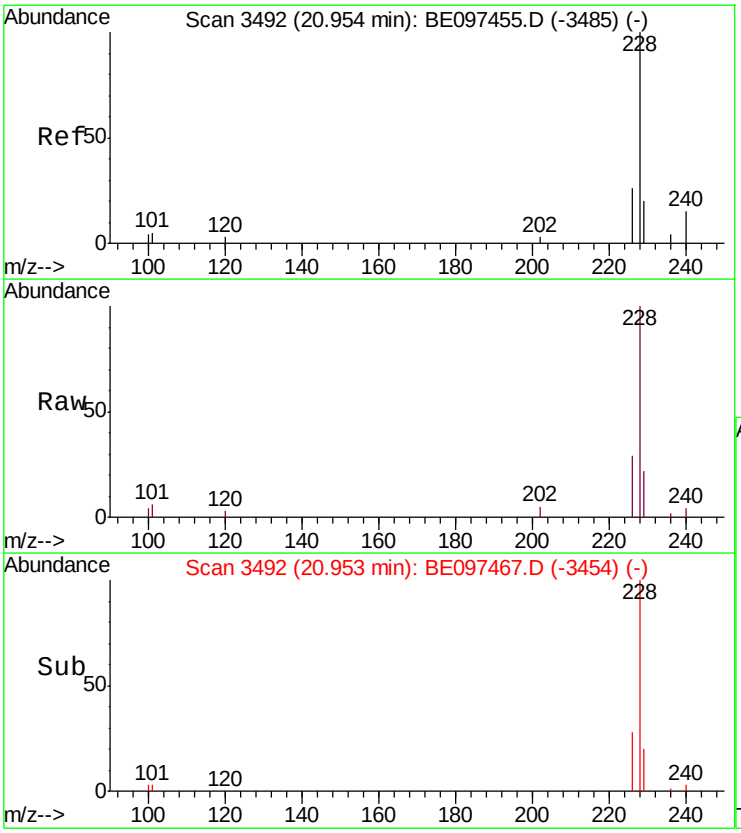
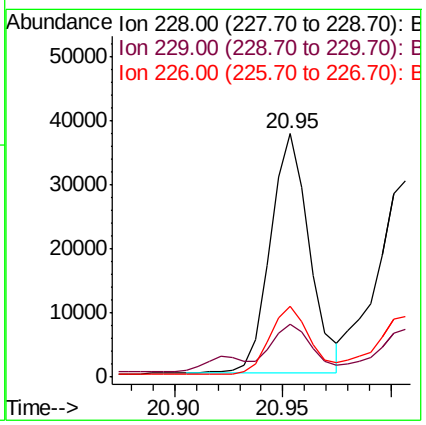


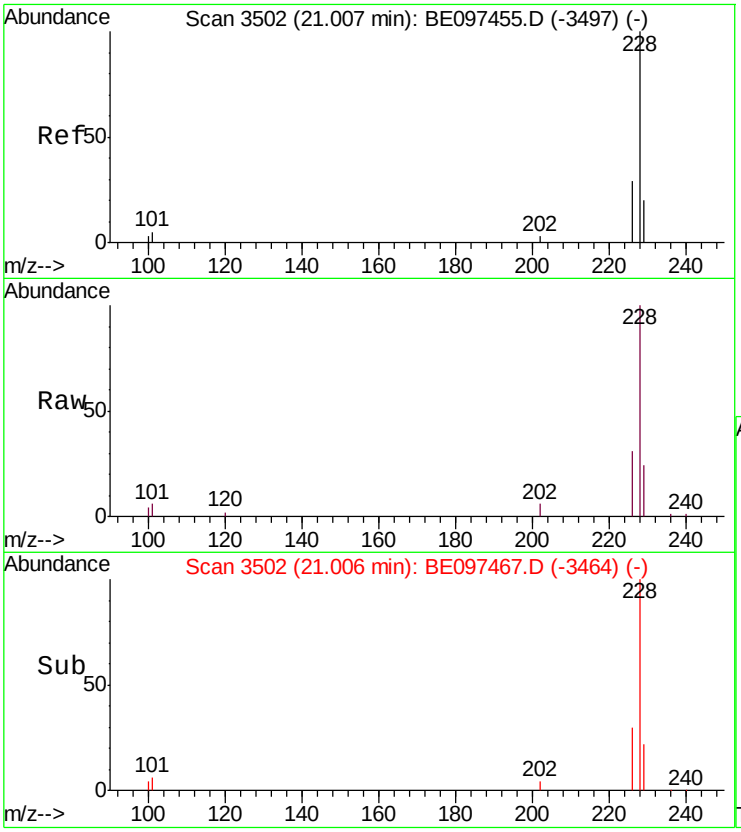


#18
Benzo(a)anthracene
Concen: 1.509 ng/ul
RT: 20.95 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:228 Resp: 46851

Ion	Ratio	Lower	Upper
228	100		
229	22.0	22.8	34.2#
226	28.9	17.0	25.6#

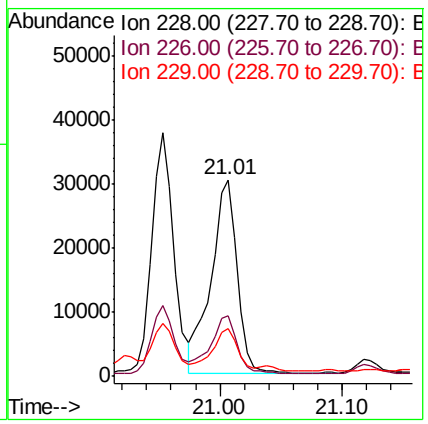




#19
Chrysene
Concen: 1.239 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:228 Resp: 44350

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.0
229	24.2	17.7	26.5



Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

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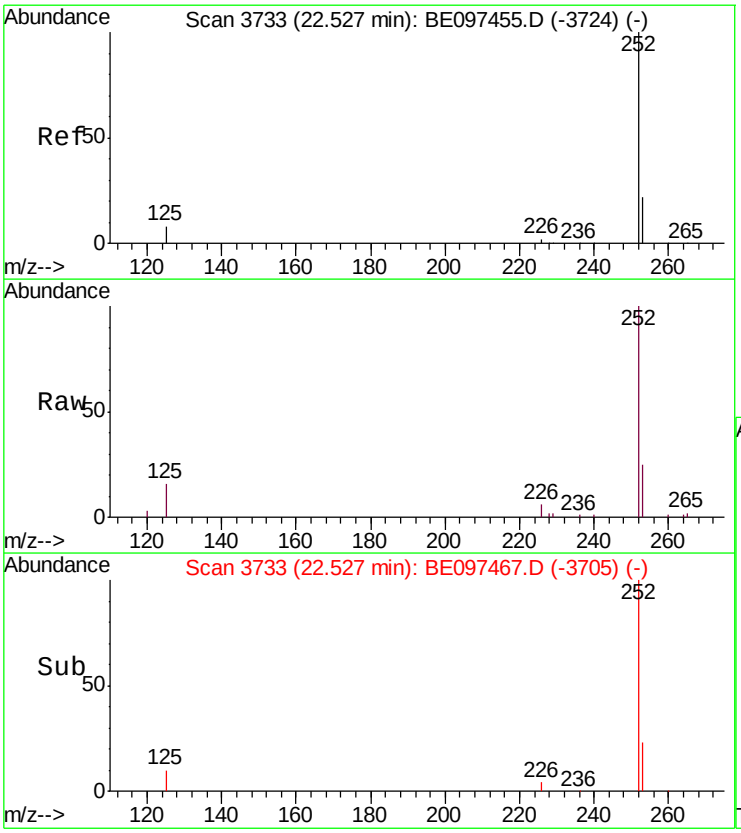
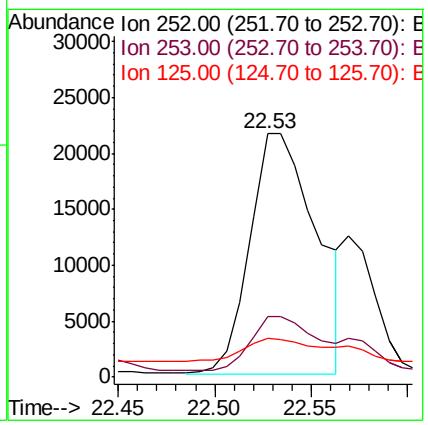
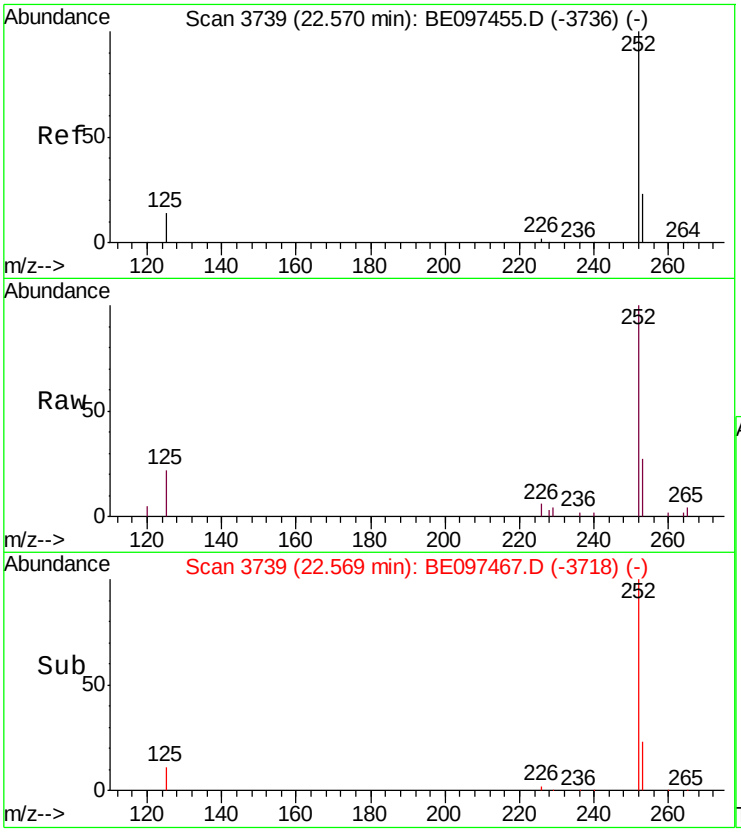


#21
Benzo(b)fluoranthene
Concen: 1.446 ng/ul m
RT: 22.53 min Scan# 3733
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:252 Resp: 51648

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	64.2
125	15.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.370 ng/ul m
RT: 22.57 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:252 Resp: 14740

Ion	Ratio	Lower	Upper
252	100		
253	27.3	24.5	36.7
125	21.8	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
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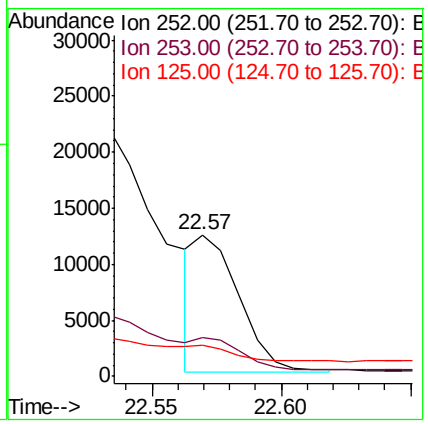
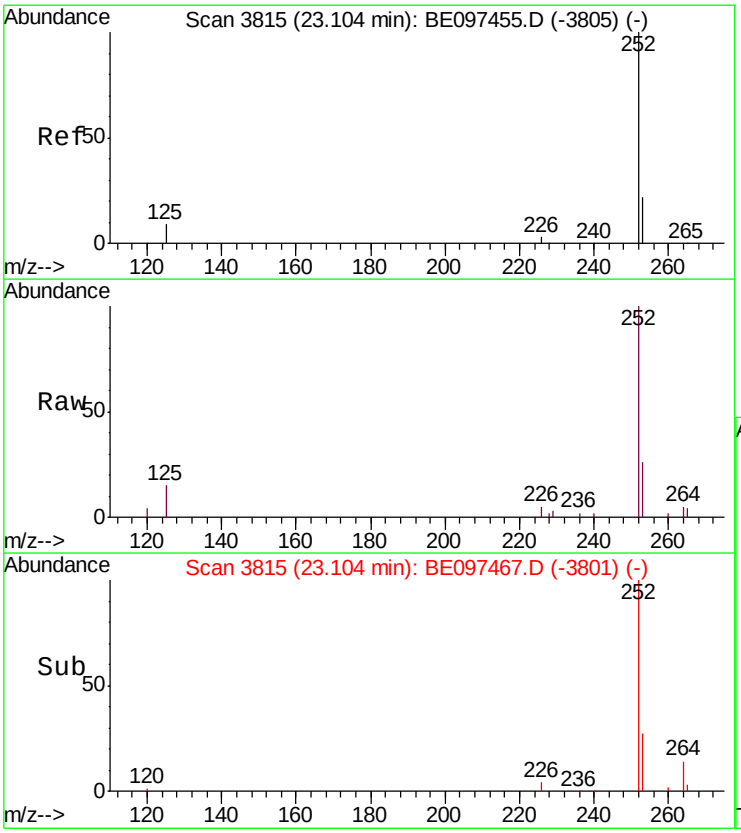
9/13/2018 5:42:34 PM

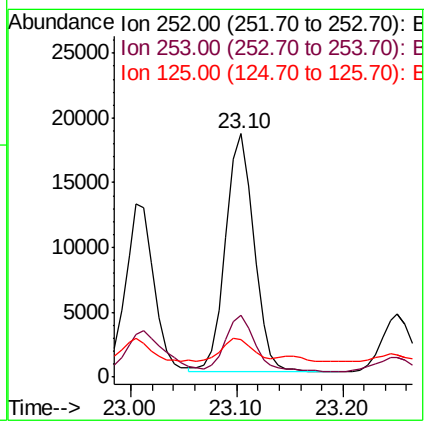


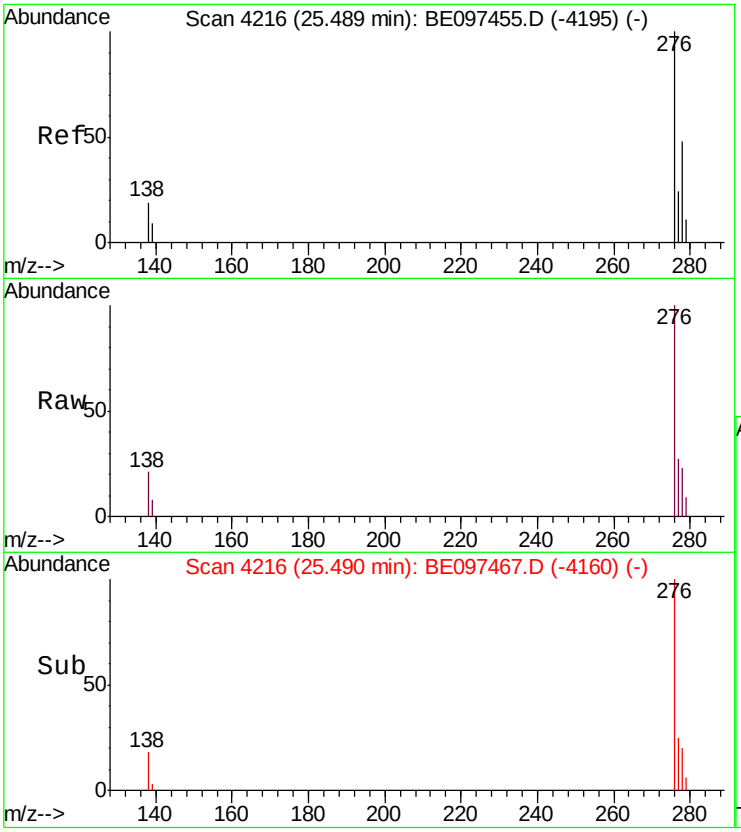


#23
Benzo(a)pyrene
Concen: 1.034 ng/ul
RT: 23.10 min Scan# 3815
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:252 Resp: 34177

Ion	Ratio	Lower	Upper
252	100		
253	25.6	28.5	42.7#
125	15.3	18.1	27.1#





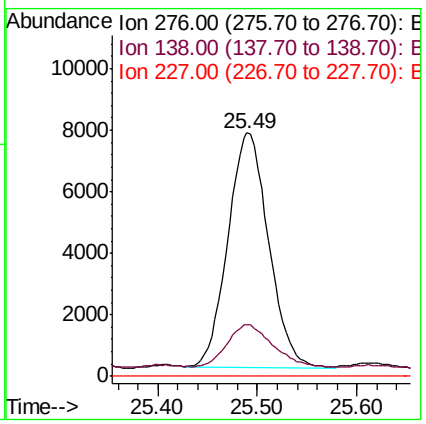
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.503 ng/ul
RT: 25.49 min Scan# 4216
Delta R.T. 0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

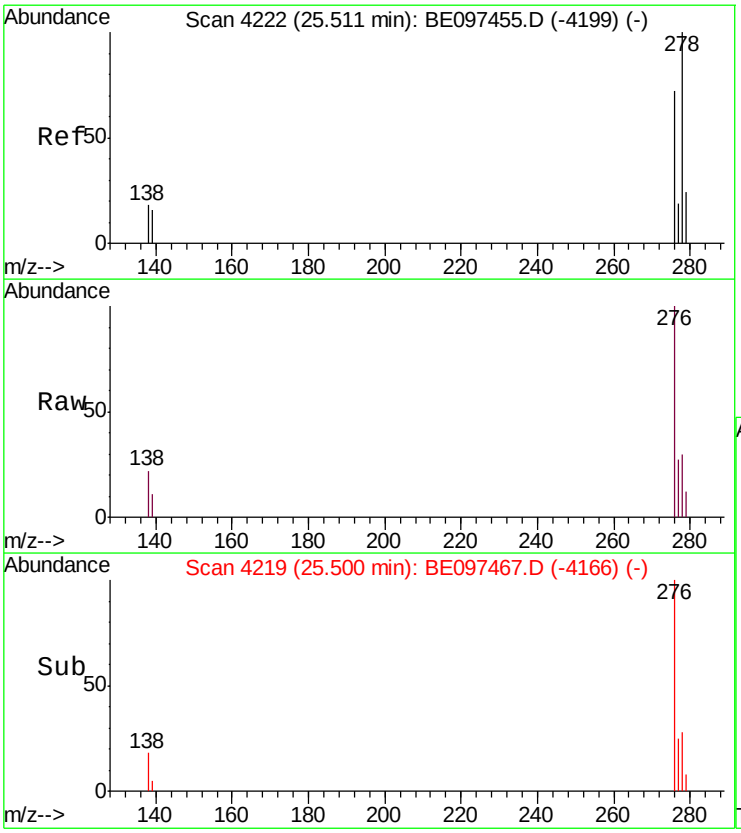
Tgt Ion:276 Resp: 21558

Ion	Ratio	Lower	Upper
276	100		
138	20.7	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:34 PM

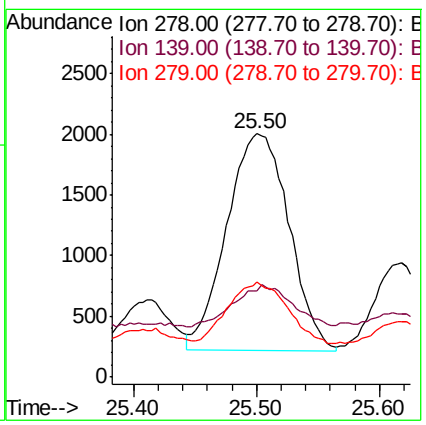


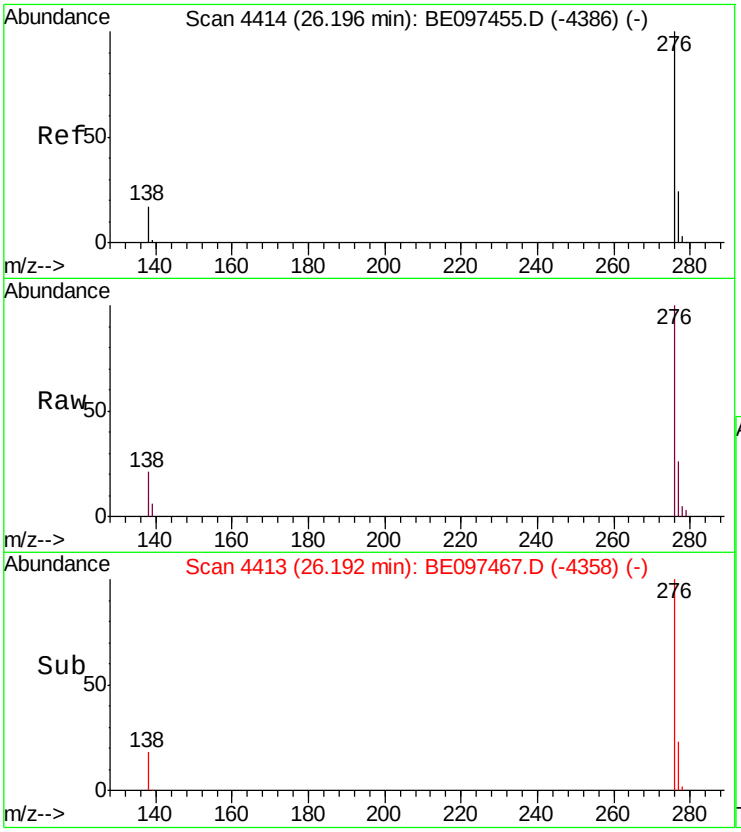


#25
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.50 min Scan# 4219
Delta R.T. -0.01 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:278 Resp: 6278

Ion	Ratio	Lower	Upper
278	100		
139	35.7	17.4	26.0#
279	38.9	25.9	38.9#

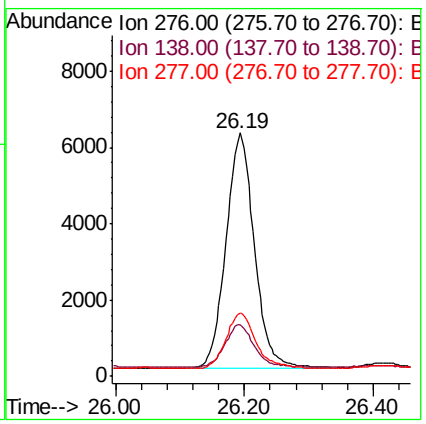




#26
Benzo(g,h,i)perylene
Concen: 0.520 ng/ul
RT: 26.19 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE097467.D
Acq: 13 Sep 2018 1:13

Tgt Ion:276 Resp: 18973

Ion	Ratio	Lower	Upper
276	100		
138	21.2	21.8	32.8#
277	25.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3YZ0DL

Manual Integrations APPROVED
Sohil
9/13/2018 5:42:34 PM