Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097477.D
Acq On : 13 Sep 2018 7:23
Operator : SJ/JU
Sample : J4792-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:03 PM

Quant Time: Sep 13 08:42:49 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 07:48:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1179	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6710	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4585	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	10755m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	11319m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	12270m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	2537	0.24	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	7337m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	24153	1.476	ng/ul#	91
5) 2-Methylnaphthalene	11.79	142	9437	0.913	ng/ul	98
7) Acenaphthylene	13.73	152	7457	0.447	ng/ul#	96
8) Acenaphthene	14.07	153	41718	2.904	ng/ul	99
9) Fluorene	15.07	166	47833	2.907	ng/ul	92
12) Phenanthrene	16.80	178	876572m	31.662	ng/ul	
13) Anthracene	16.90	178	213526m	9.173	ng/ul	
15) Fluoranthene	18.84	202	1480227m	41.619	ng/ul	
17) Pyrene	19.21	202	1711660	56.195	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	851629m	29.289	ng/ul	
19) Chrysene	21.01	228	844626	25.212	ng/ul	97
21) Benzo(b)fluoranthene	22.55	252	1014781m	30.883	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	270345m	7.378	ng/ul	
23) Benzo(a)pyrene	23.13	252	767825m	25.258	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	483900m	12.282	ng/ul	
25) Dibenzo(a,h)anthracene	25.53	278	138827m	4.159	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	438364m	13.050	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091218\
Data File : BE097477.D
Acq On : 13 Sep 2018 7:23
Operator : SJ/JU
Sample : J4792-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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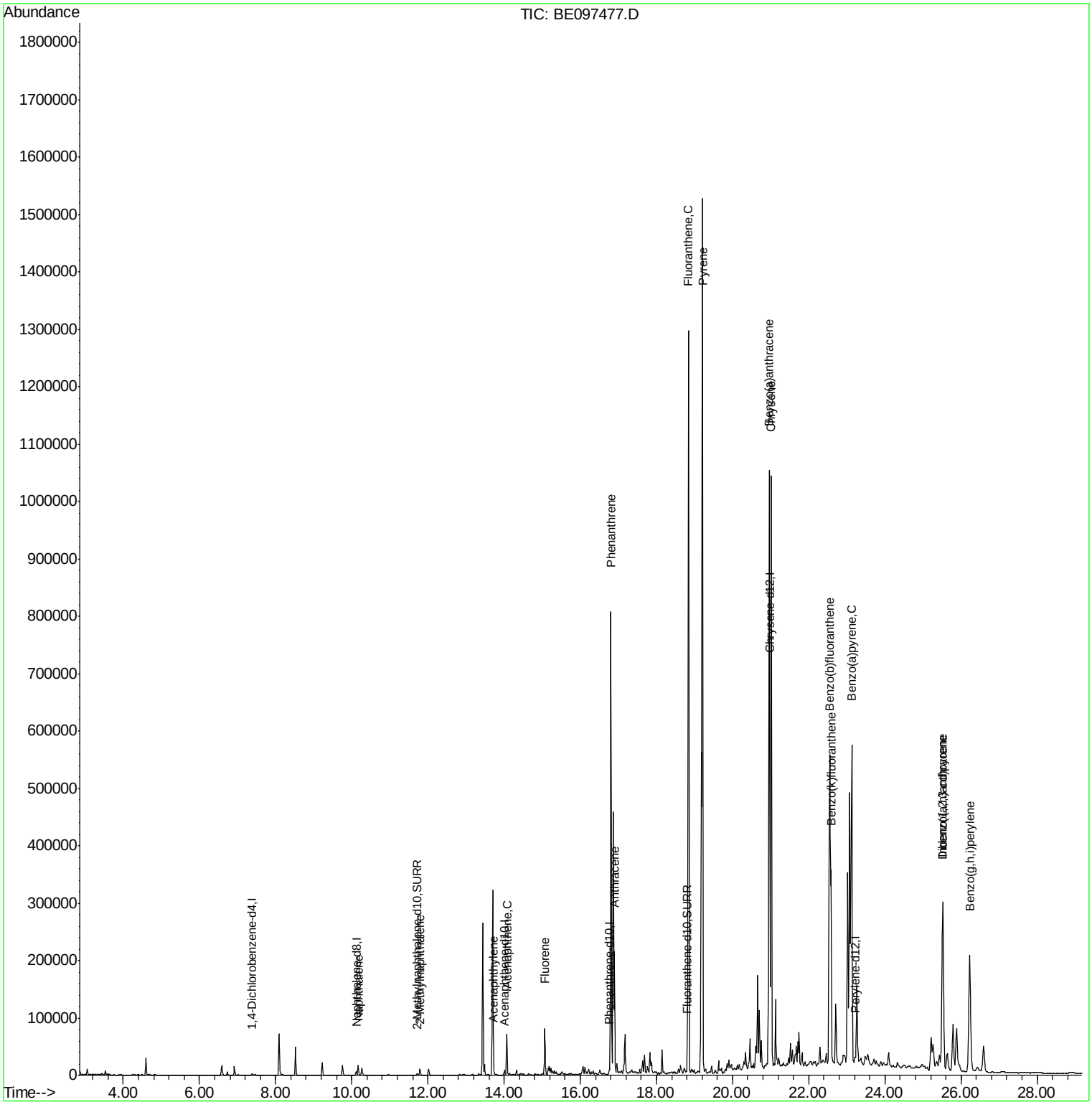

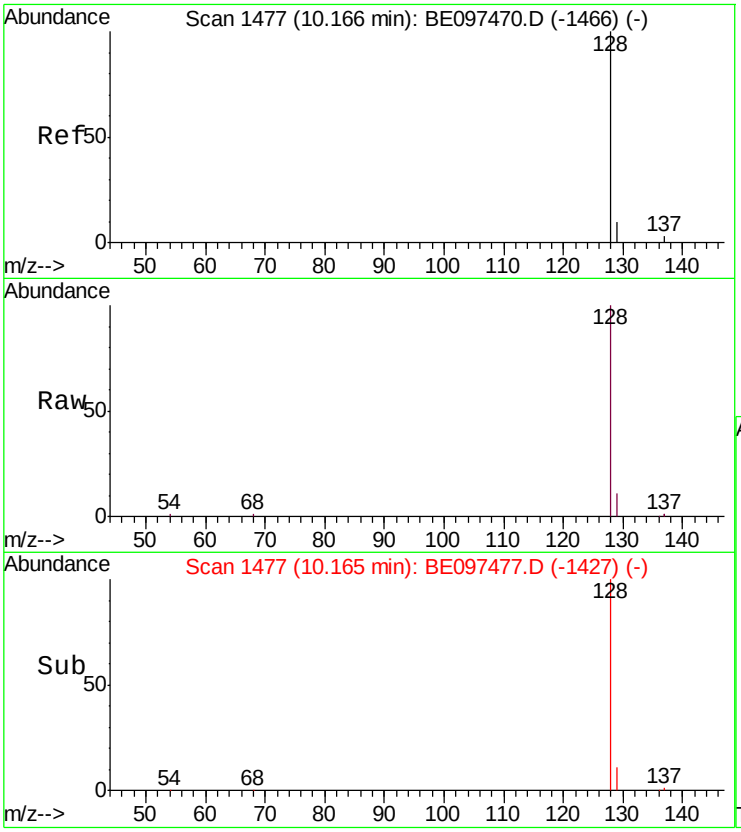

#3
Naphthalene
Concen: 1.476 ng/ul
RT: 10.17 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:128 Resp: 24153

Ion	Ratio	Lower	Upper
128	100		
129	11.5	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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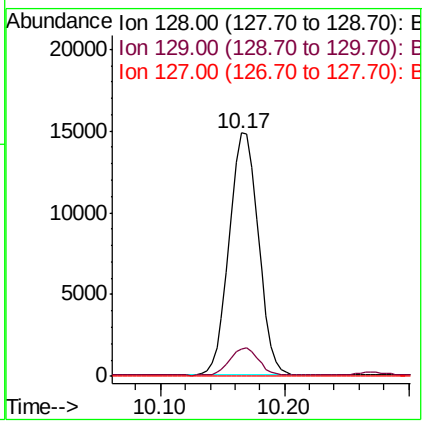
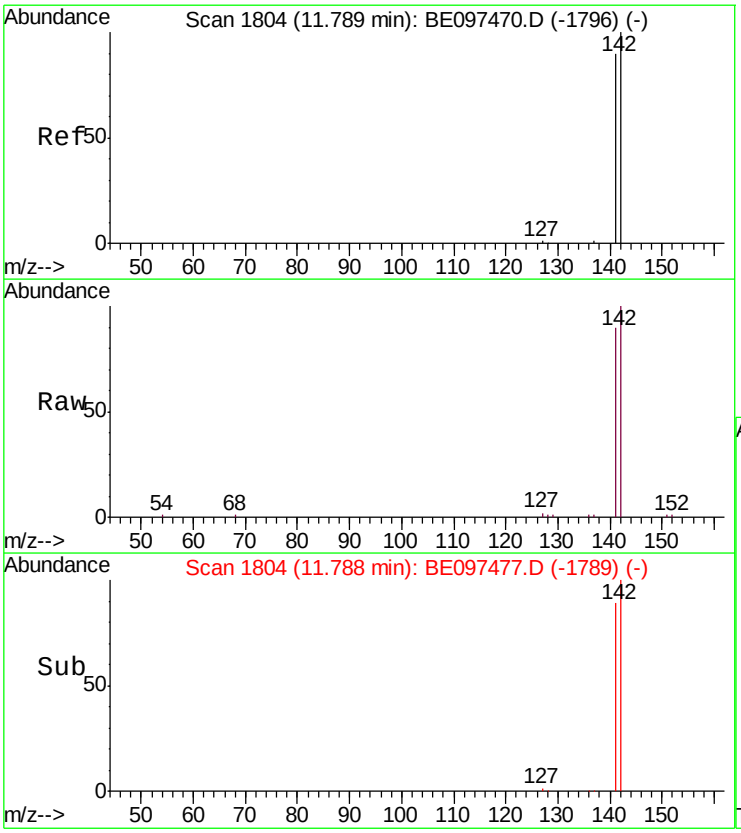
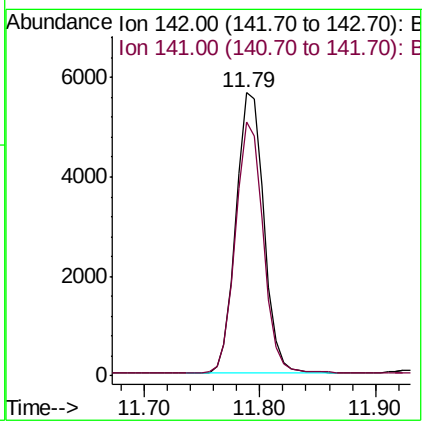


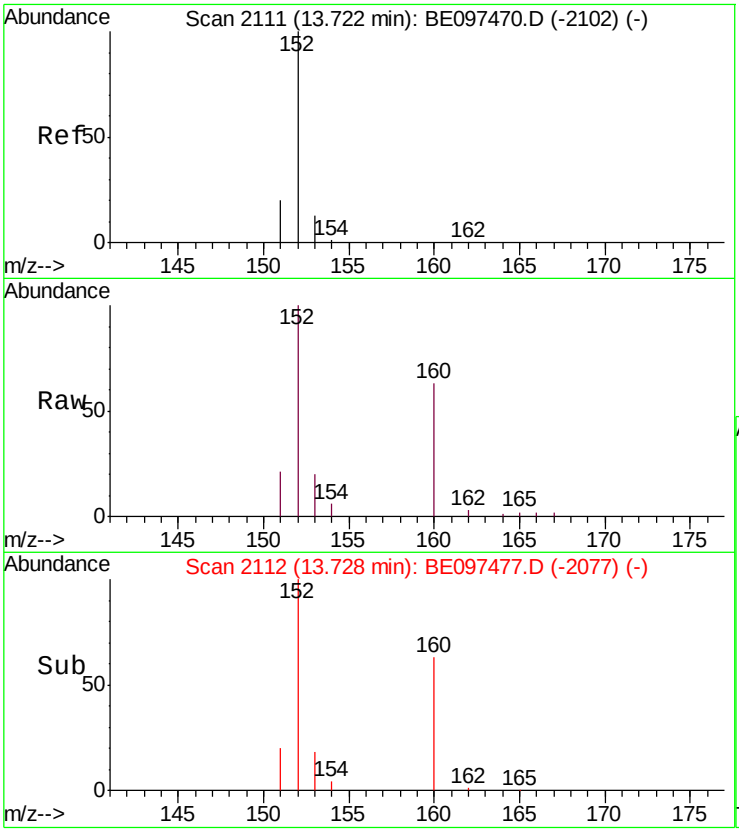


#5
2-Methylnaphthalene
Concen: 0.913 ng/ul
RT: 11.79 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:142 Resp: 9437

Ion	Ratio	Lower	Upper
142	100		
141	88.5	72.6	108.8





#7
Acenaphthylene
Concen: 0.447 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:152 Resp: 7457

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.1	25.7
153	19.6	12.8	19.2#

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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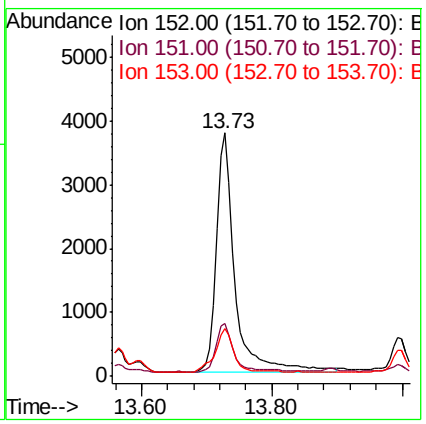
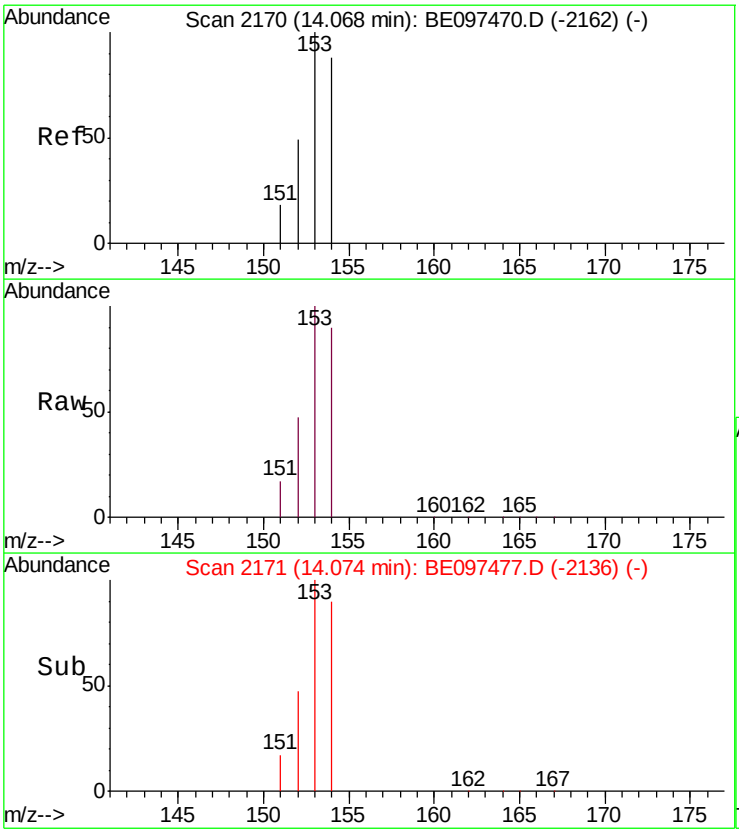
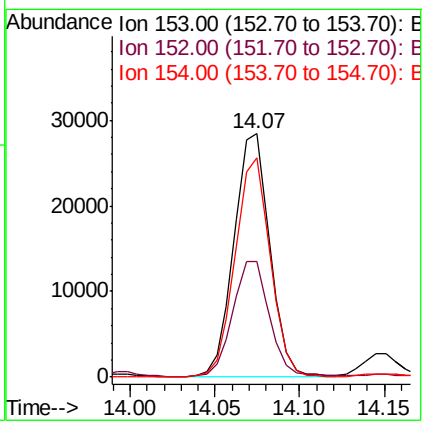


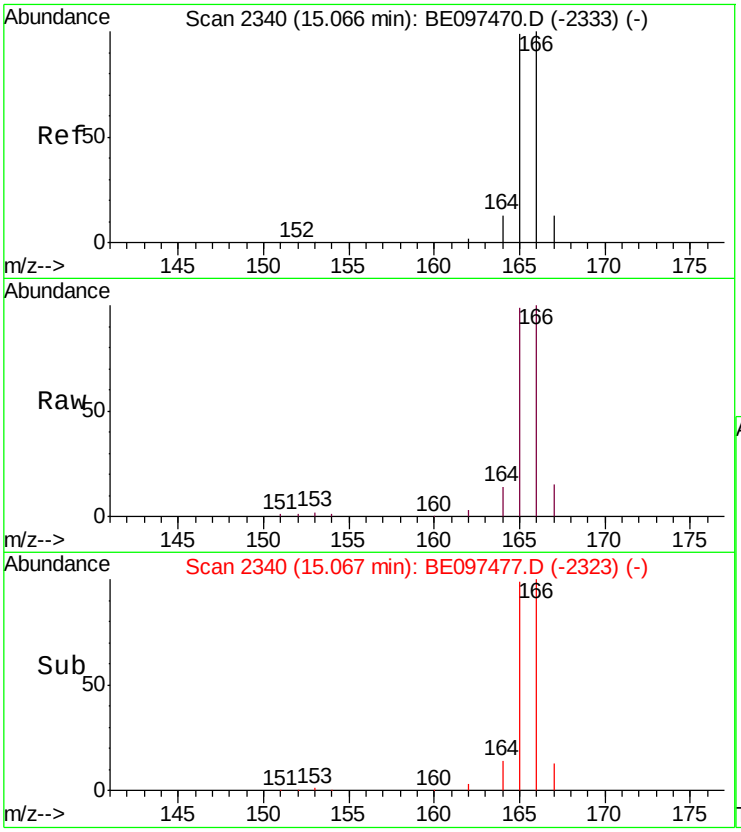


#8
Acenaphthene
Concen: 2.904 ng/ul
RT: 14.07 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:153 Resp: 41718

Ion	Ratio	Lower	Upper
153	100		
152	47.3	36.0	54.0
154	90.0	72.0	108.0

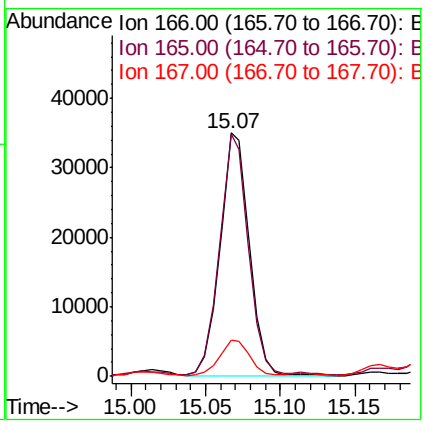




#9
Fluorene
Concen: 2.907 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:166 Resp: 47833

Ion	Ratio	Lower	Upper
166	100		
165	99.5	73.4	110.2
167	15.0	14.6	22.0



Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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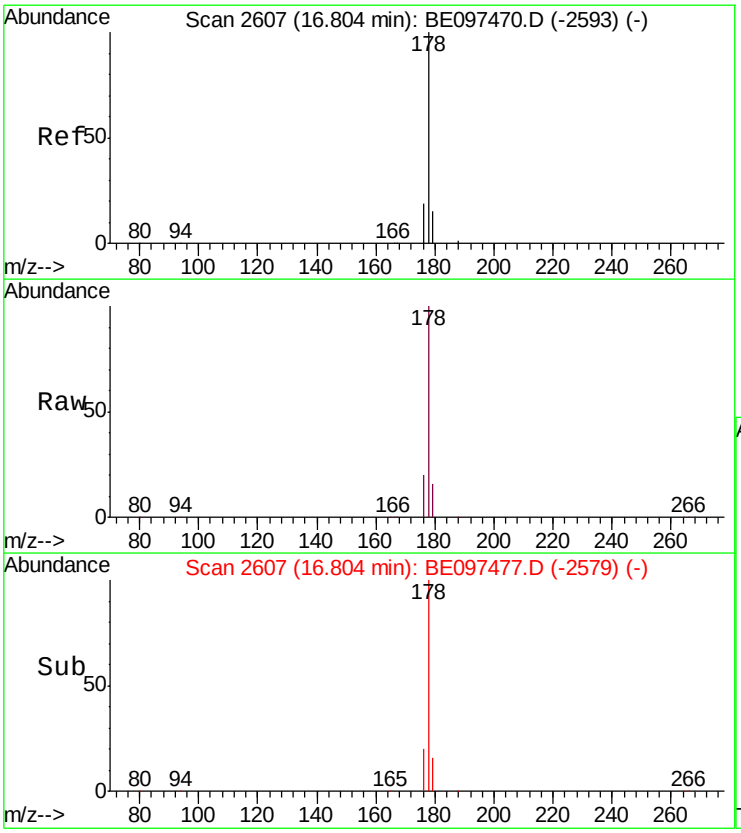
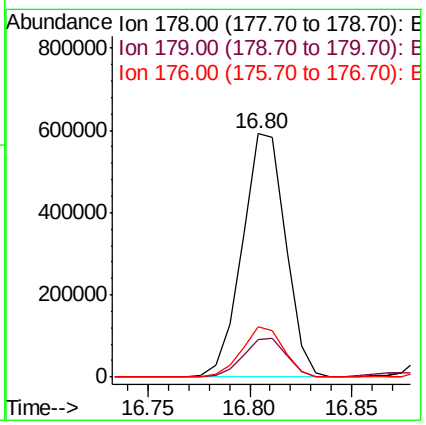
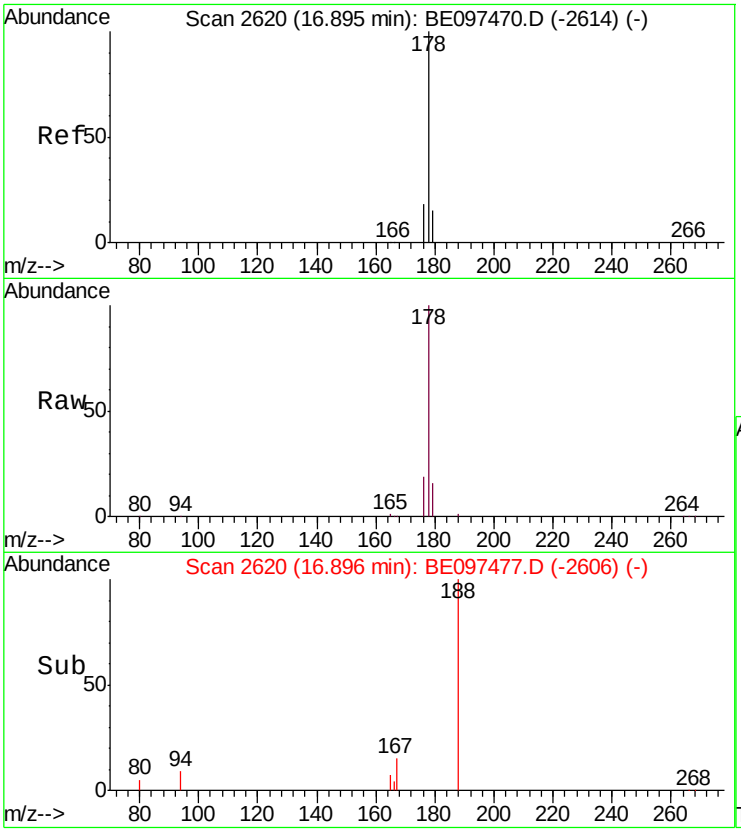


#12
Phenanthrene
Concen: 31.662 ng/ul m
RT: 16.80 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:178 Resp: 876572

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





#13
Anthracene
Concen: 9.173 ng/ul m
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:178 Resp: 213526

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.1	27.1#
176	19.0	14.7	22.1

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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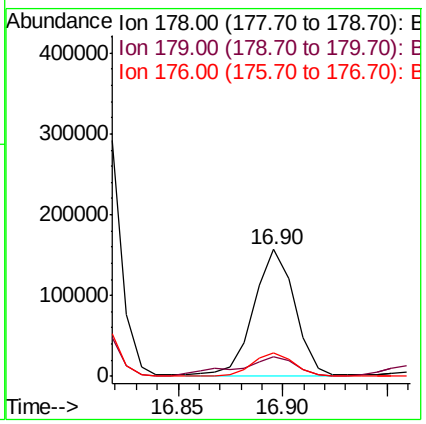
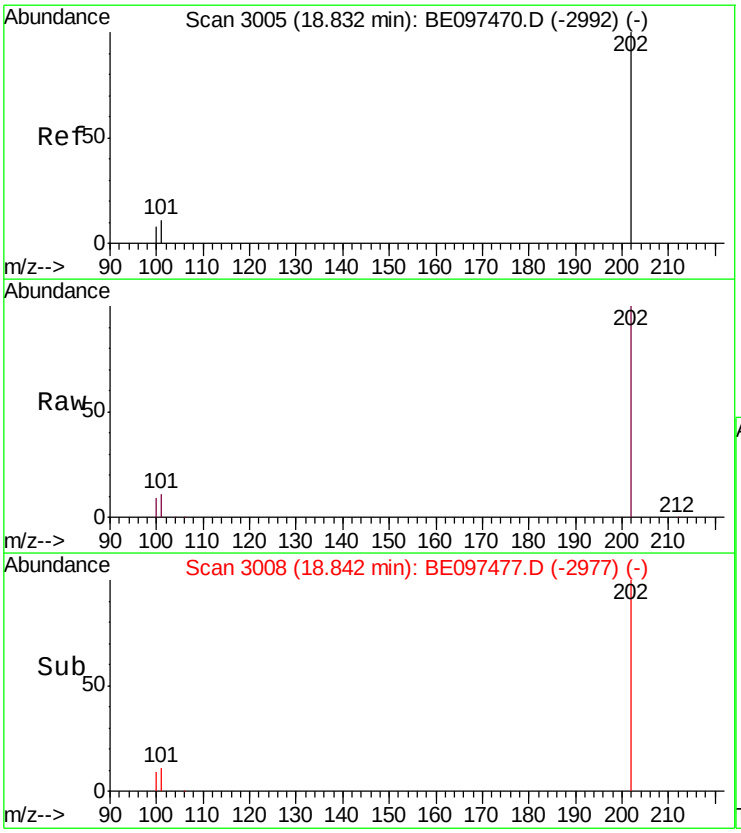
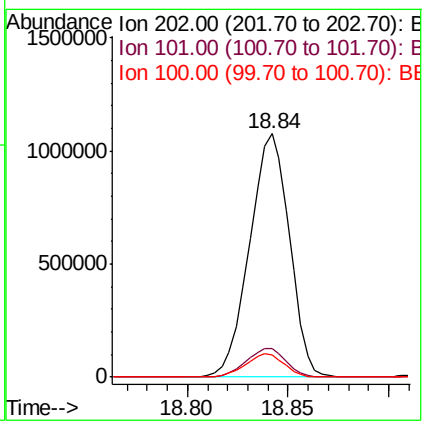


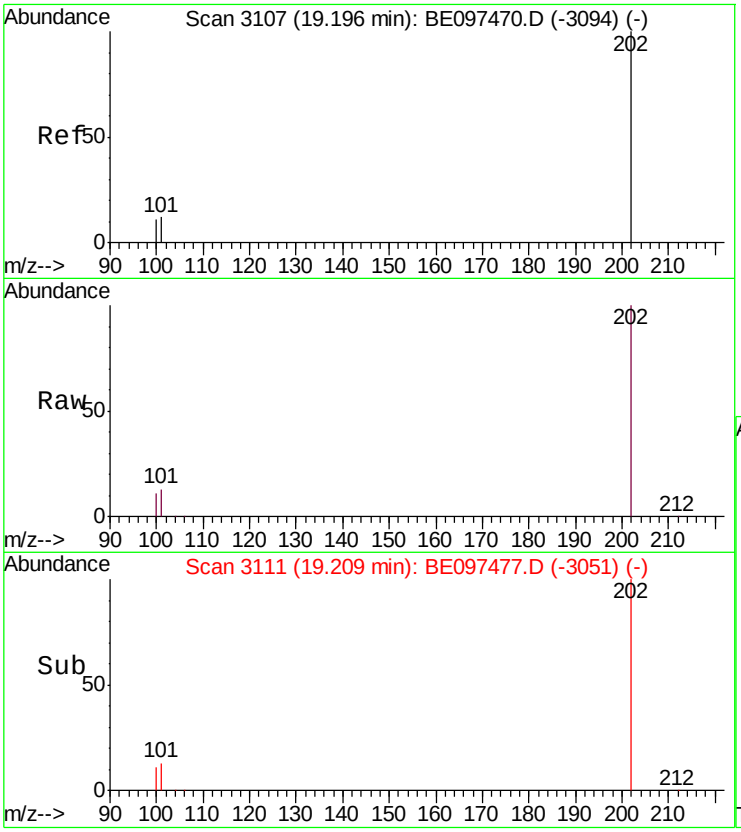


#15
Fluoranthene
Concen: 41.619 ng/ul m
RT: 18.84 min Scan# 3008
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:202 Resp: 1480227

Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	30.3
100	8.9	0.0	39.5





#17
Pyrene
Concen: 56.195 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:202 Resp: 1711660

Ion	Ratio	Lower	Upper
202	100		
101	13.1	18.2	27.4#
100	11.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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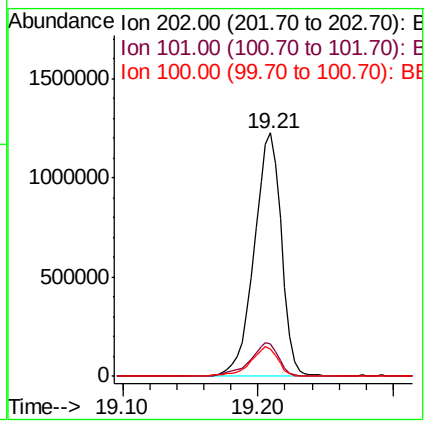
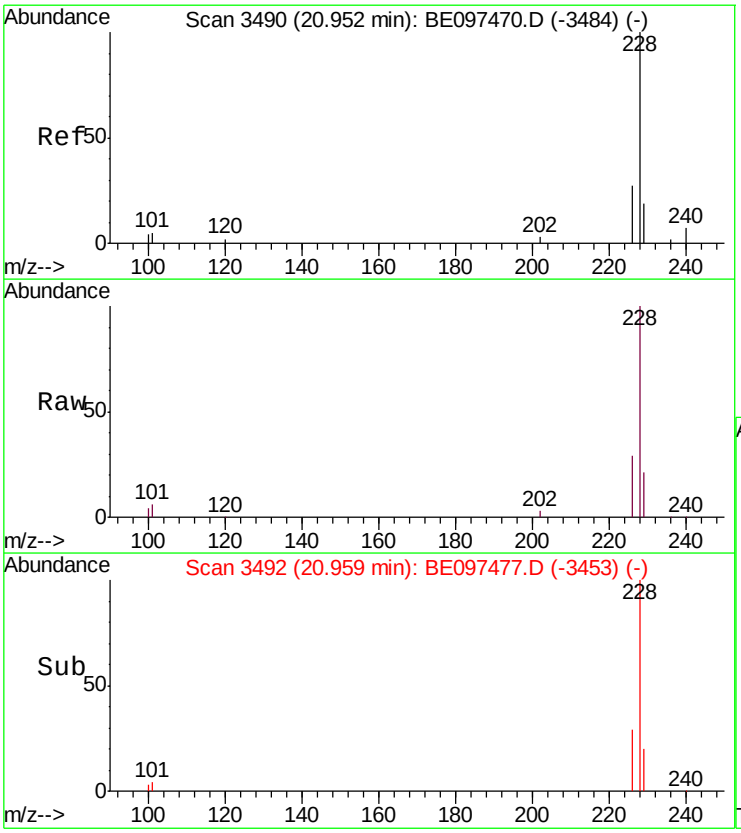
9/13/2018 5:43:03 PM

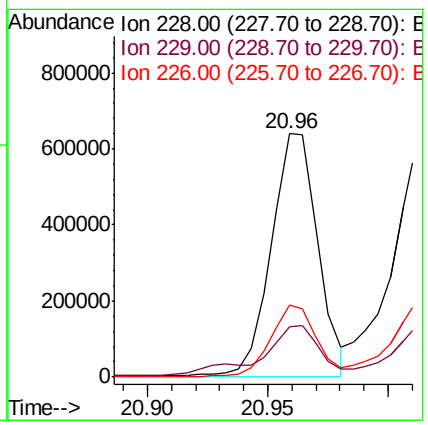


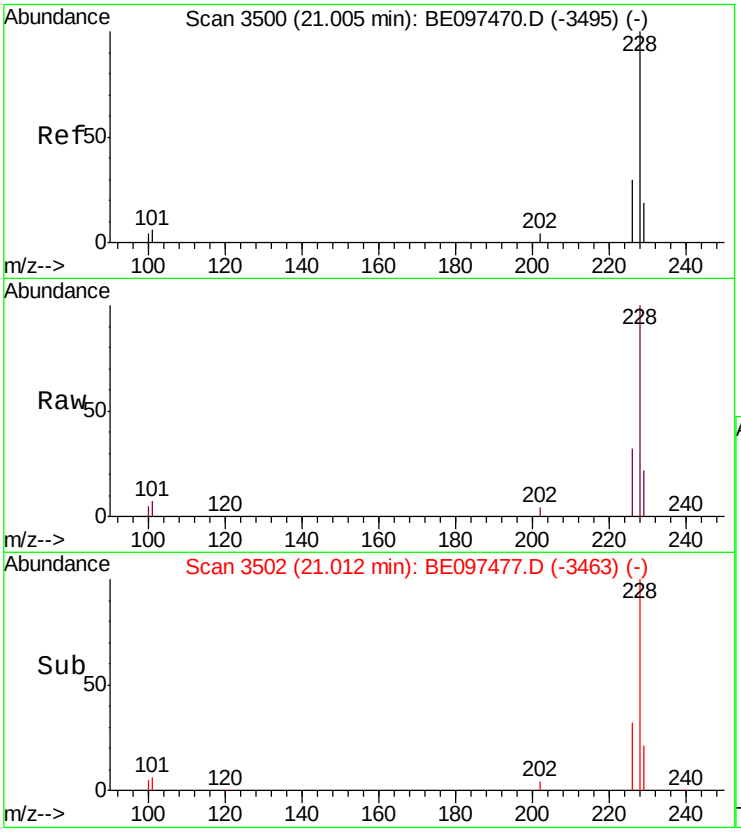


#18
Benzo(a)anthracene
Concen: 29.289 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:228 Resp: 851629

Ion	Ratio	Lower	Upper
228	100		
229	20.8	22.8	34.2#
226	29.5	17.0	25.6#

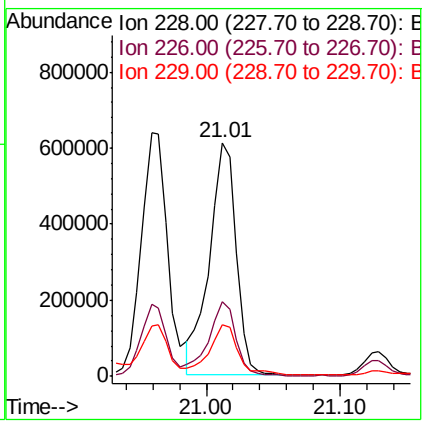




#19
Chrysene
Concen: 25.212 ng/ul
RT: 21.01 min Scan# 3502
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:228 Resp: 844626

Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.4	35.0
229	22.0	17.7	26.5



Instrument :
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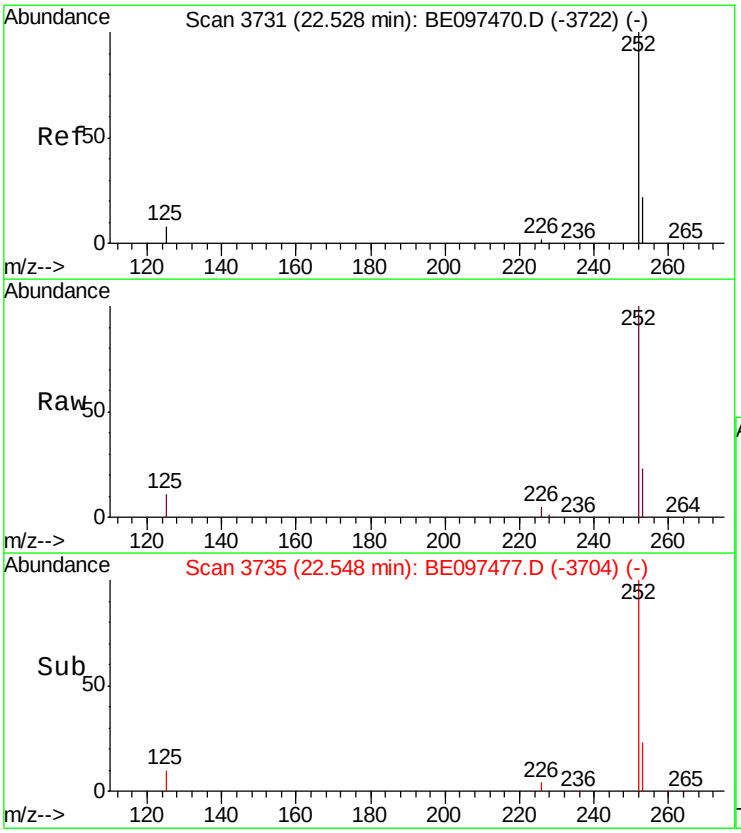
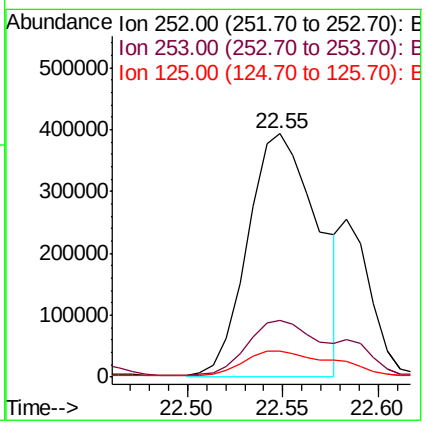
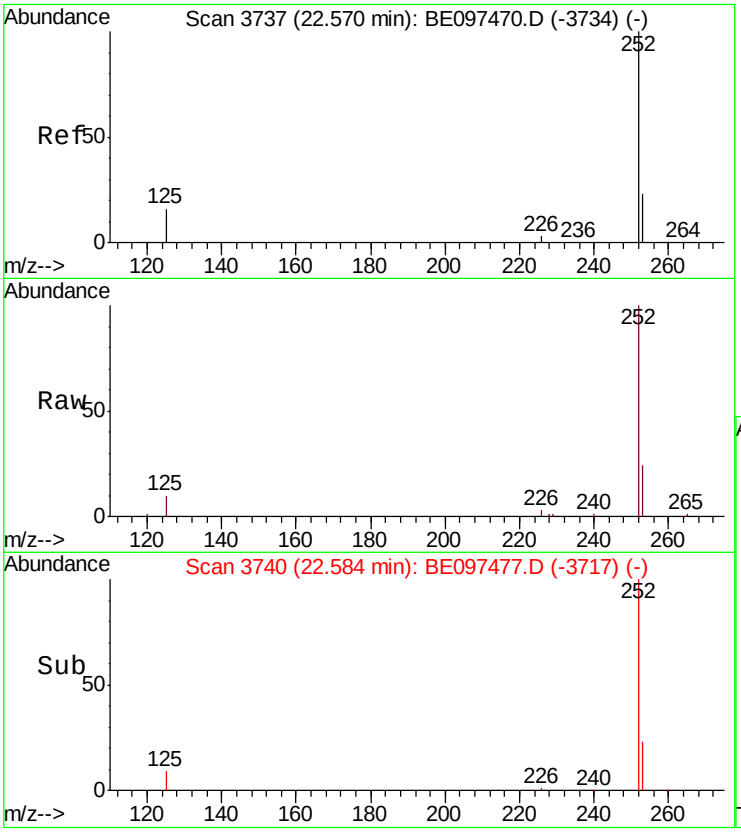


#21
Benzo(b)fluoranthene
Concen: 30.883 ng/ul m
RT: 22.55 min Scan# 3735
Delta R.T. 0.02 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:252 Resp: 1014781

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	10.9	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 7.378 ng/ul m
RT: 22.58 min Scan# 3740
Delta R.T. 0.01 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:252 Resp: 270345

Ion	Ratio	Lower	Upper
252	100		
253	24.0	24.5	36.7#
125	9.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
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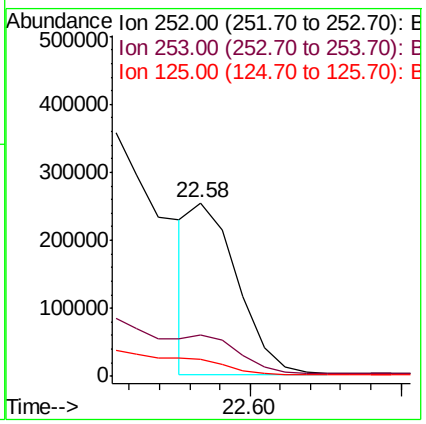
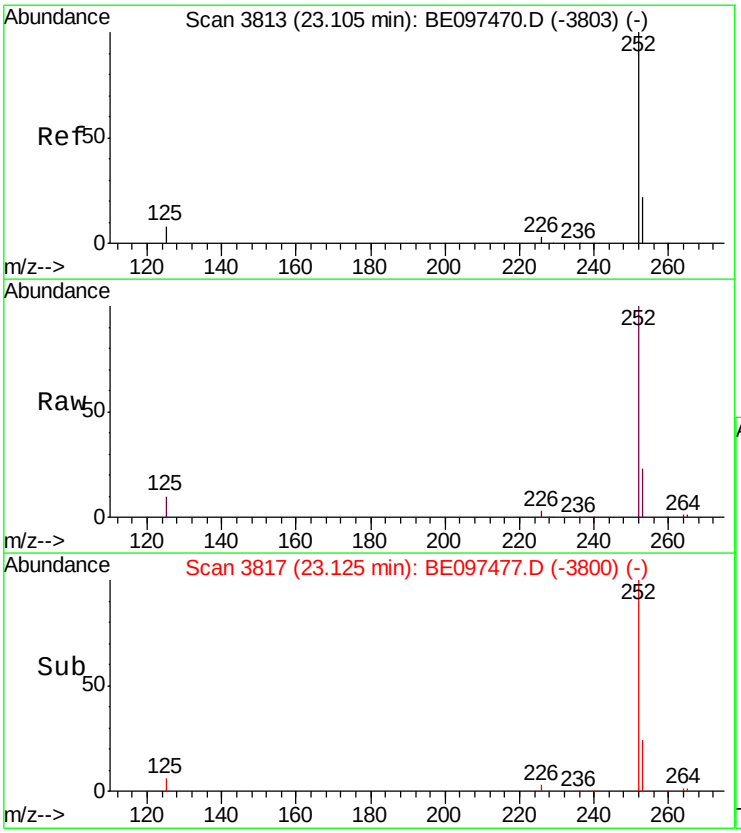
9/13/2018 5:43:03 PM

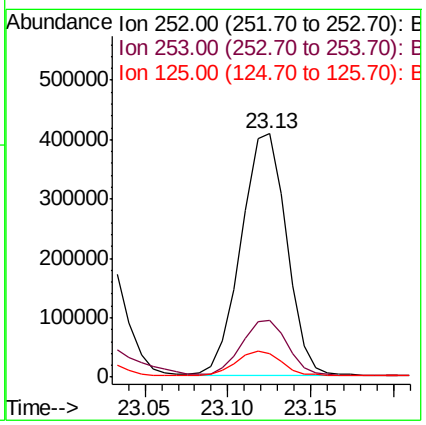


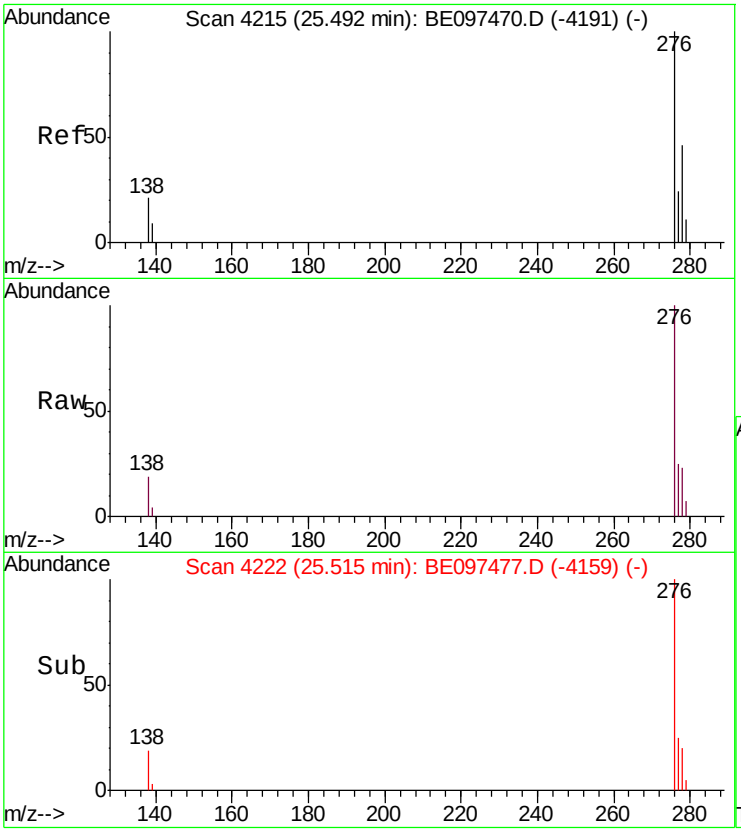


#23
Benzo(a)pyrene
Concen: 25.258 ng/ul m
RT: 23.13 min Scan# 3817
Delta R.T. 0.02 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:252 Resp: 767825

Ion	Ratio	Lower	Upper
252	100		
253	23.5	28.5	42.7#
125	9.7	18.1	27.1#





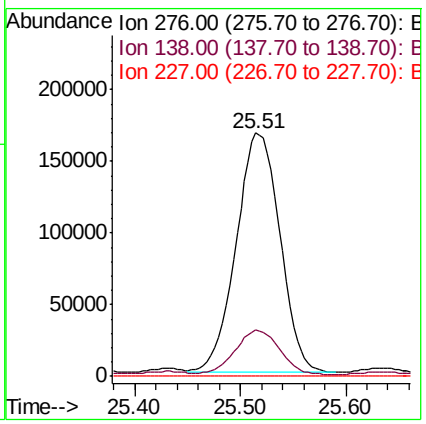
#24
Indeno(1,2,3-cd)pyrene
Concen: 12.282 ng/ul m
RT: 25.51 min Scan# 4222
Delta R.T. 0.02 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

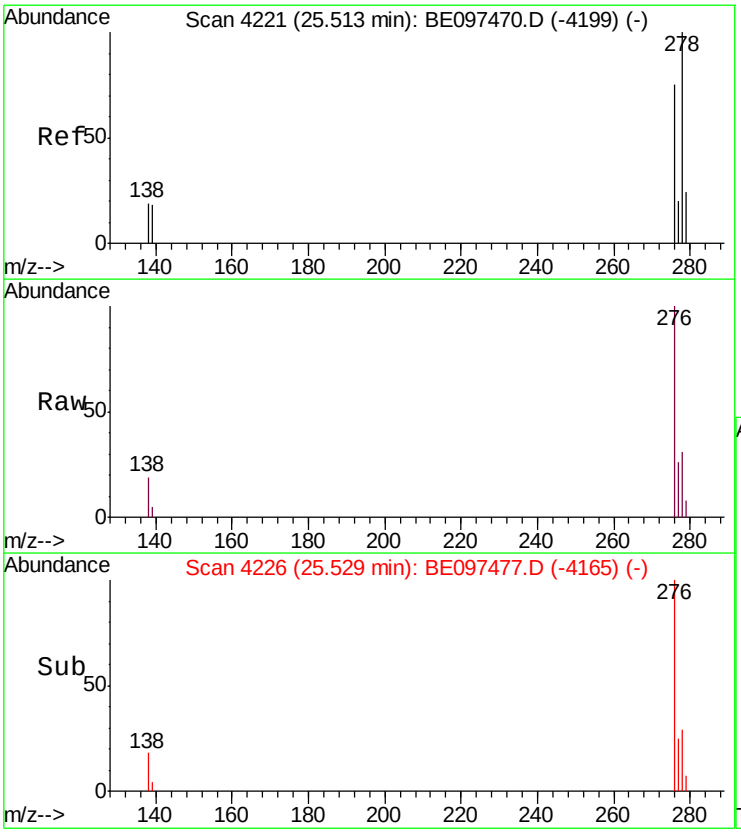
Tgt Ion:276 Resp: 483900

Ion	Ratio	Lower	Upper
276	100		
138	3.0	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:03 PM

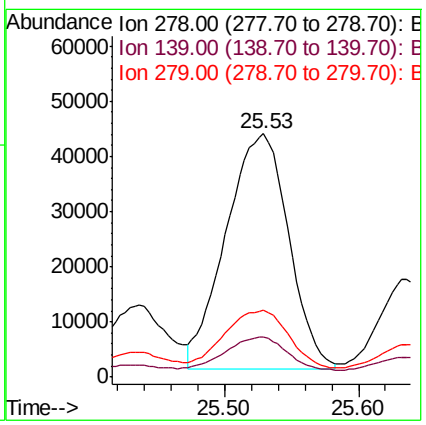


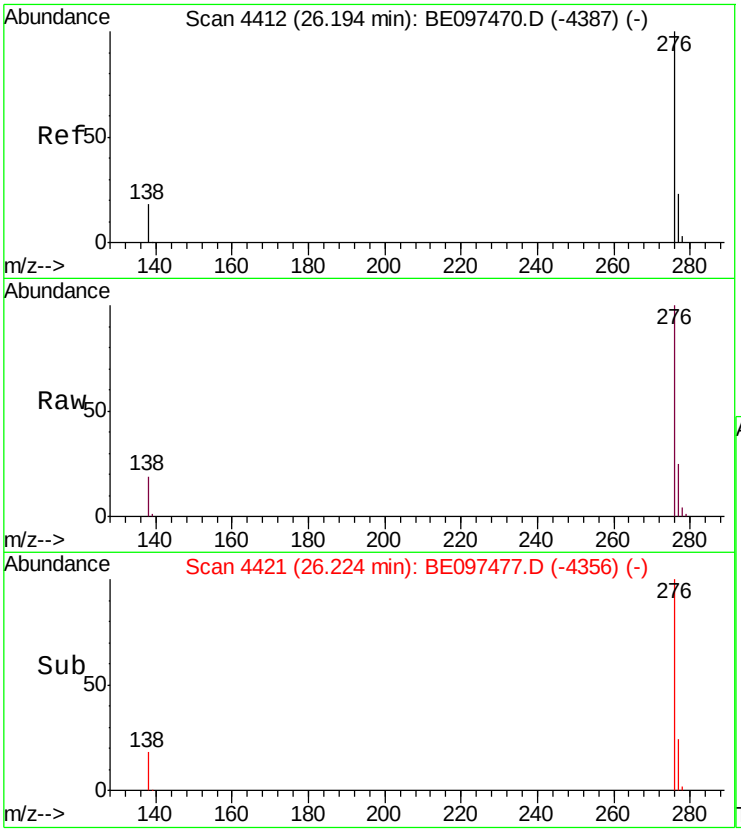


#25
Dibenzo(a,h)anthracene
Concen: 4.159 ng/ul m
RT: 25.53 min Scan# 4226
Delta R.T. 0.02 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:278 Resp: 138827

Ion	Ratio	Lower	Upper
278	100		
139	16.2	17.4	26.0#
279	27.3	25.9	38.9

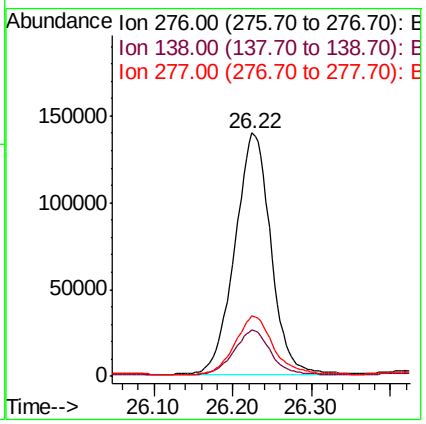




#26
Benzo(g,h,i)perylene
Concen: 13.050 ng/ul m
RT: 26.22 min Scan# 4421
Delta R.T. 0.03 min
Lab File: BE097477.D
Acq: 13 Sep 2018 7:23

Tgt Ion:276 Resp: 438364

Ion	Ratio	Lower	Upper
276	100		
138	19.0	21.8	32.8#
277	24.8	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
A3YZ1

Manual Integrations APPROVED
Sohil
9/13/2018 5:43:03 PM