Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080818\
Data File : BE097239.D
Acq On : 8 Aug 2018 17:34
Operator : SJ/JU
Sample : J4268-12
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
Sohil
8/9/2018 4:43:19 PM

Quant Time: Aug 09 01:19:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1154	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6170	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3704	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8570m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	8715m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	8229m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	1577	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	4397m	0.15	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.08	153	662	0.057	ng/ul#	92
9) Fluorene	15.08	166	1183	0.089	ng/ul	88
12) Phenanthrene	16.81	178	21146m	0.968	ng/ul	
13) Anthracene	16.90	178	4081m	0.200	ng/ul	
15) Fluoranthene	18.84	202	44893m	1.555	ng/ul	
17) Pyrene	19.20	202	37906	1.623	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	19360m	0.777	ng/ul	
19) Chrysene	21.01	228	19807m	0.772	ng/ul	
21) Benzo(b)fluoranthene	22.54	252	26229m	1.169	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	7890m	0.326	ng/ul	
23) Benzo(a)pyrene	23.11	252	17302m	0.771	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	11752m	0.418	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	2817m	0.123	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	11165m	0.460	ng/ul	

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

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Instrument :
BNA_E
ClientSampleId :
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Manual Integrations APPROVED
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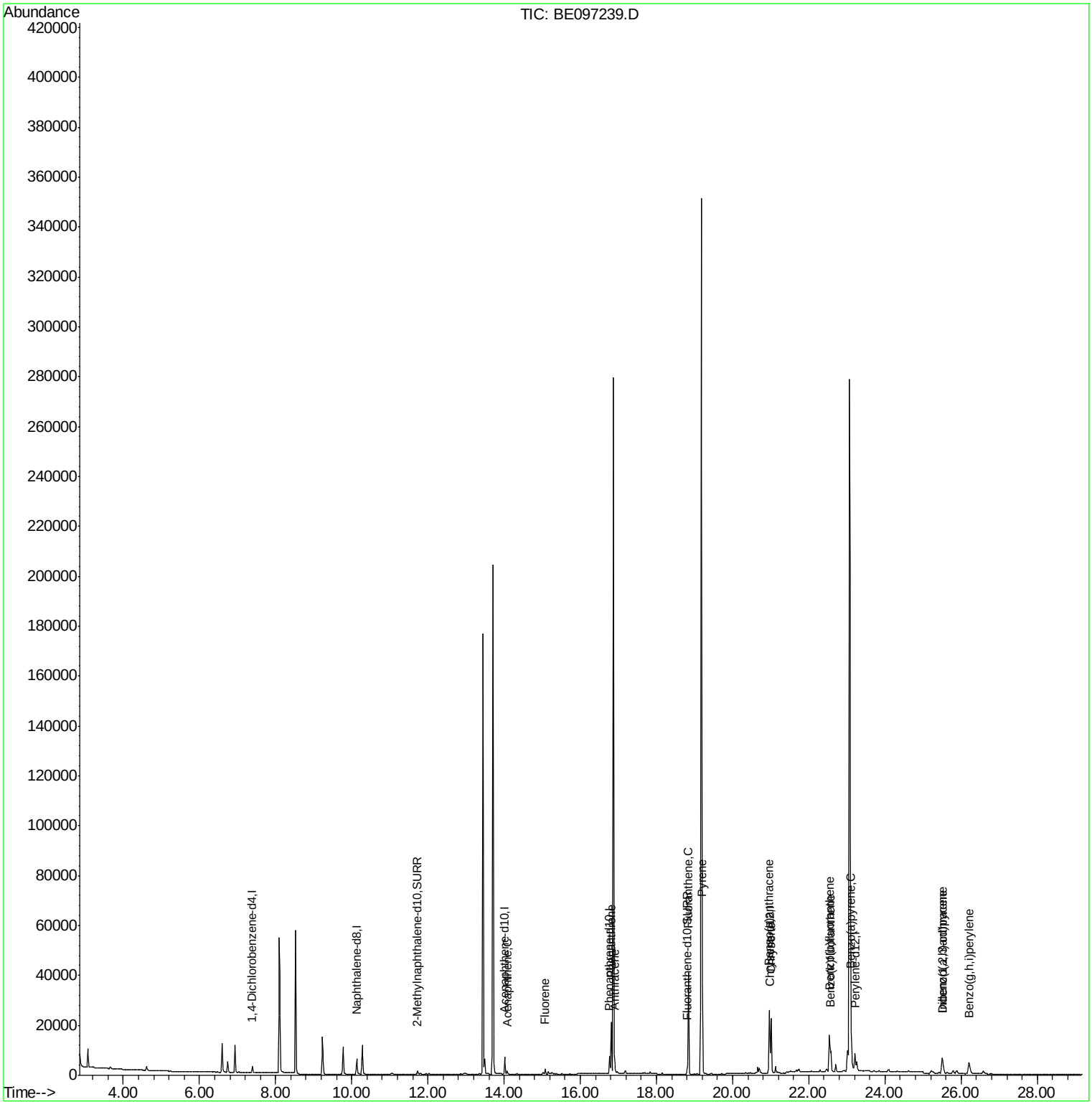

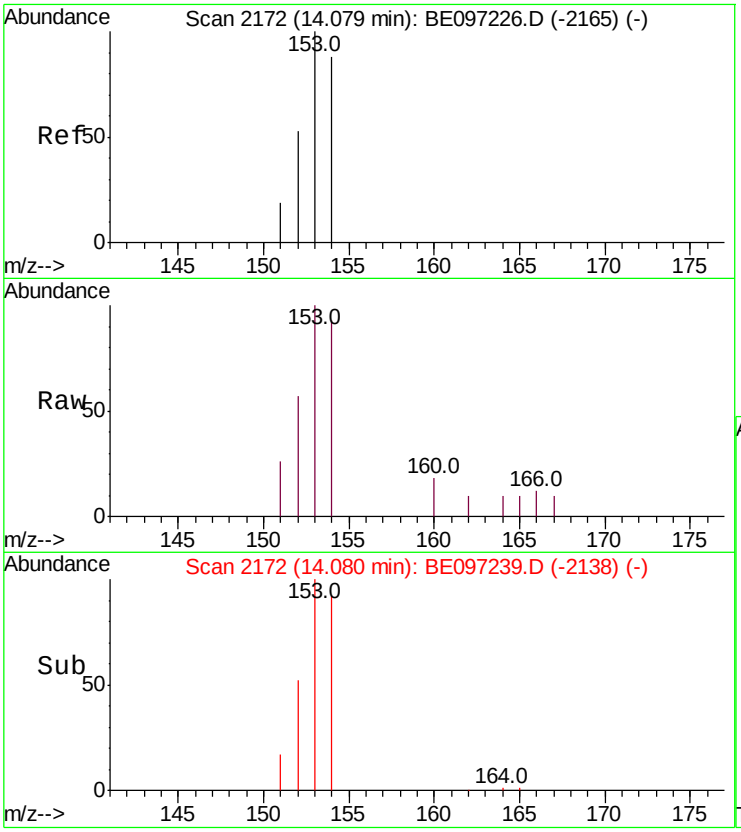

#8
Acenaphthene
Concen: 0.057 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:153 Resp: 662

Ion	Ratio	Lower	Upper
153	100		
152	57.5	36.0	54.0#
154	92.6	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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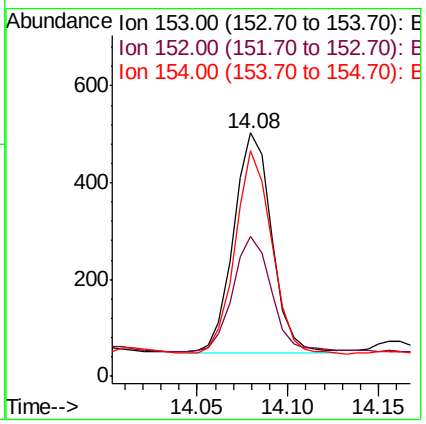
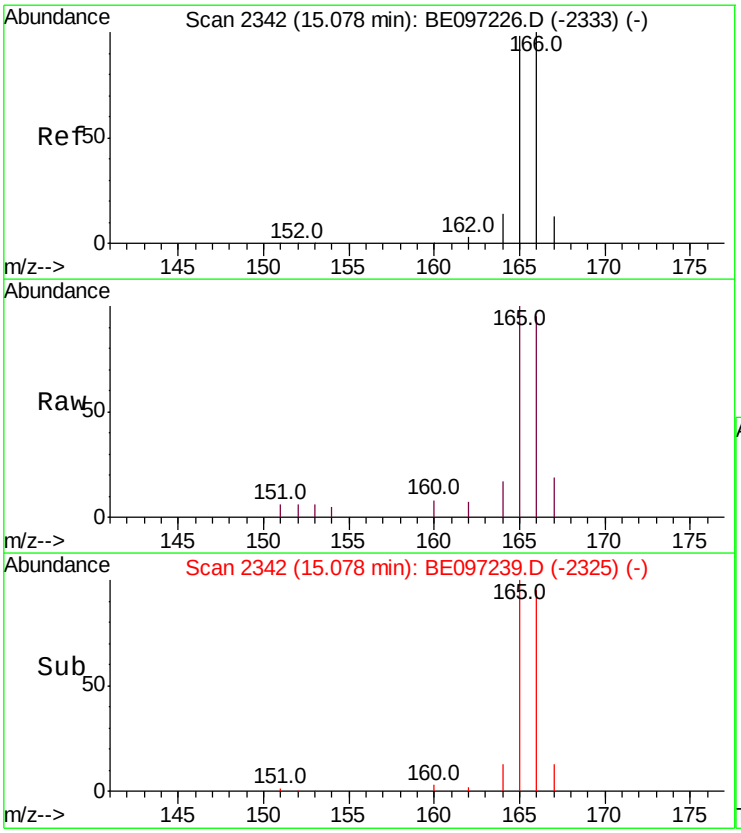
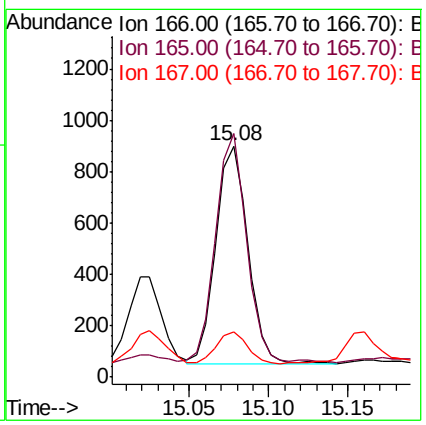


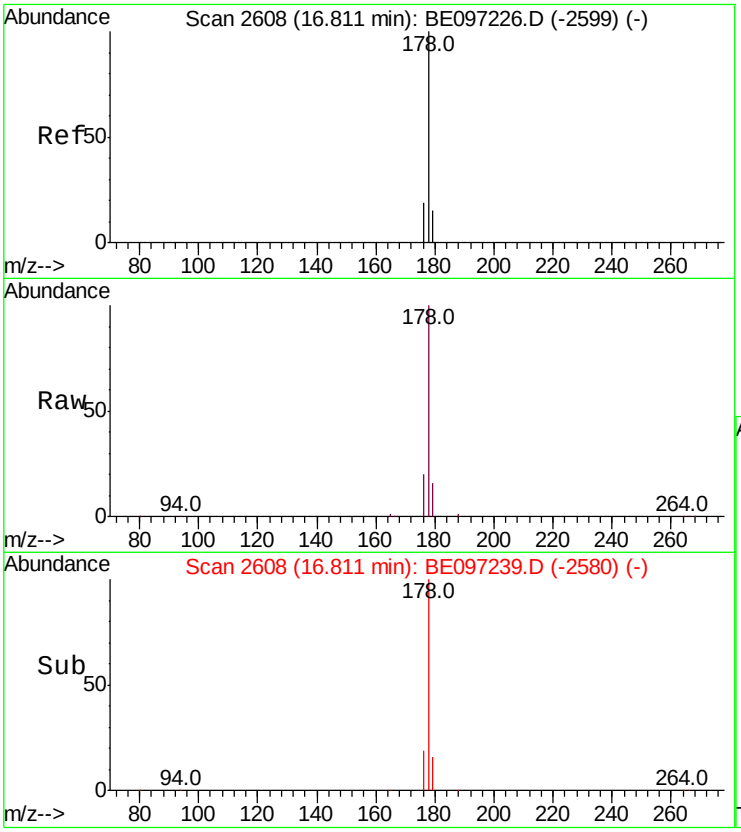


#9
Fluorene
Concen: 0.089 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:166 Resp: 1183

Ion	Ratio	Lower	Upper
166	100		
165	105.2	73.4	110.2
167	19.5	14.6	22.0





#12
Phenanthrene
Concen: 0.968 ng/ul m
RT: 16.81 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:178 Resp: 21146

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.7	13.6	20.4

Instrument :
BNA_E
ClientSampleId :
C0AA2

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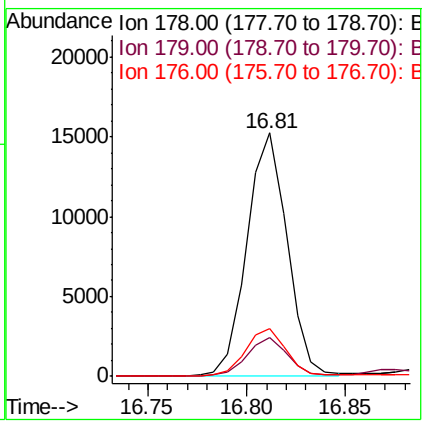
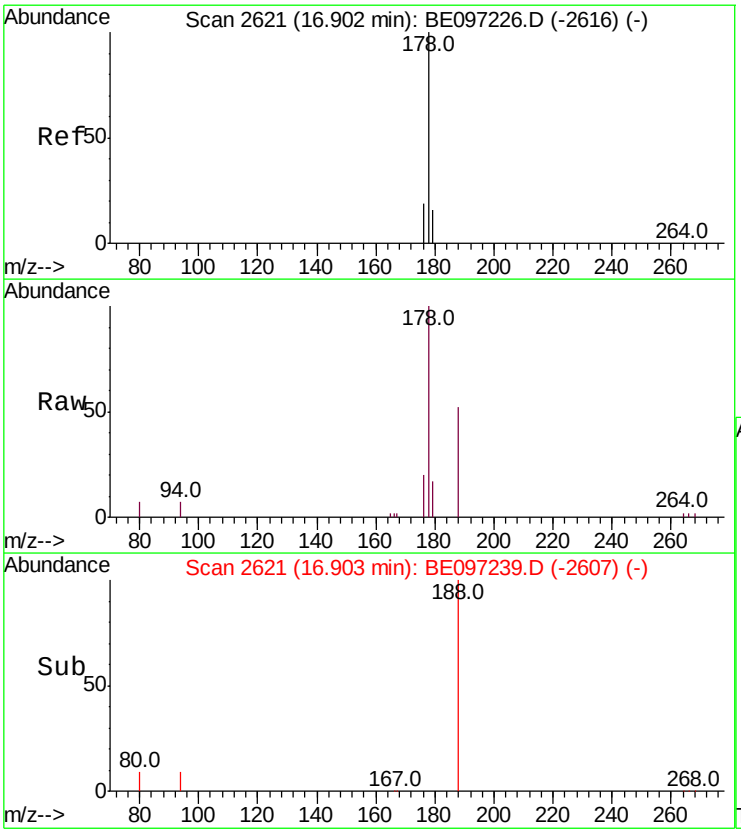
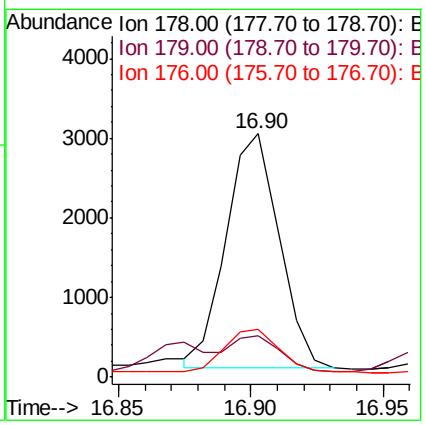


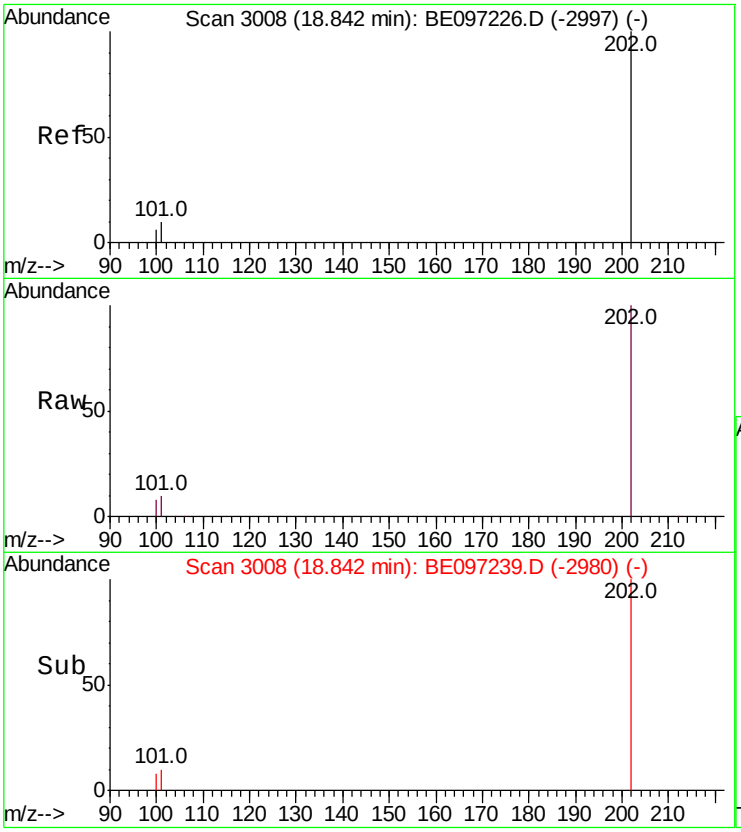


#13
Anthracene
Concen: 0.200 ng/ul m
RT: 16.90 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:178 Resp: 4081

Ion	Ratio	Lower	Upper
178	100		
179	17.1	18.1	27.1#
176	19.7	14.7	22.1

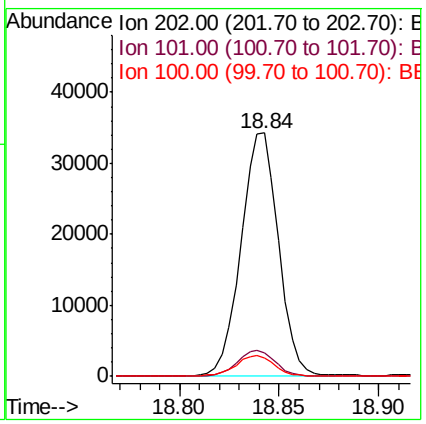




#15
Fluoranthene
Concen: 1.555 ng/ul m
RT: 18.84 min Scan# 3008
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:202 Resp: 44893

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.3
100	7.8	0.0	39.5



Instrument :
BNA_E
ClientSampleId :
C0AA2

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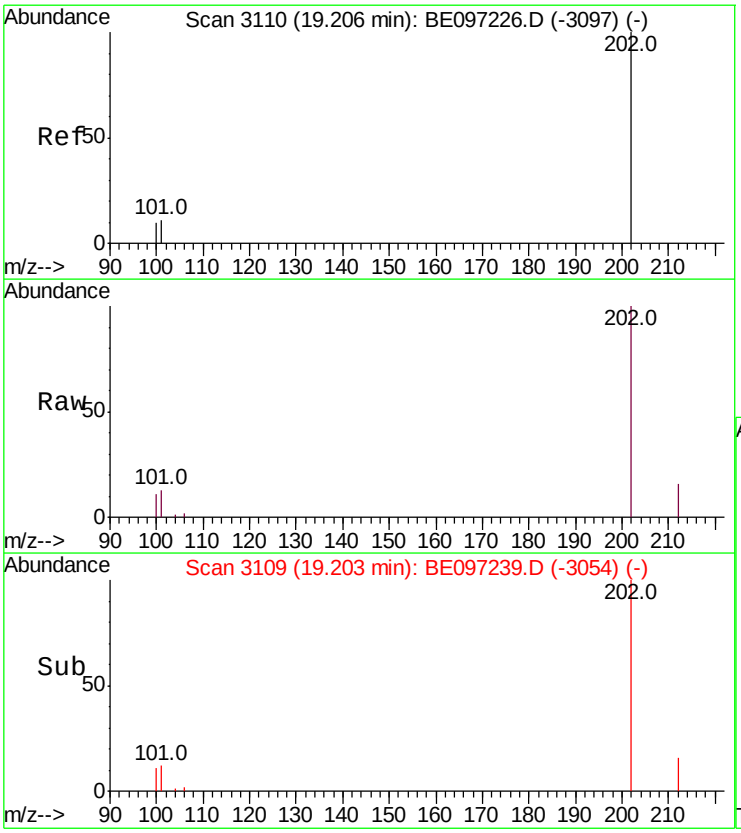
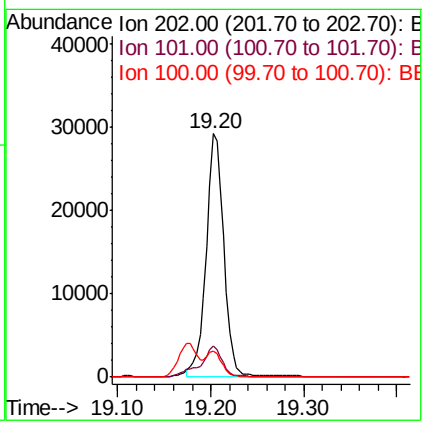
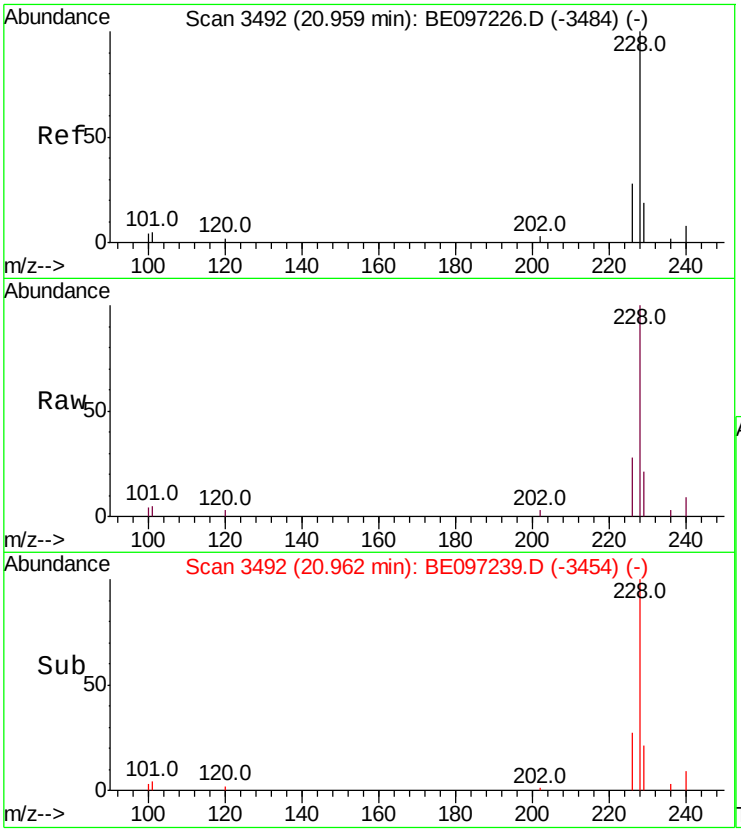


#17
Pyrene
Concen: 1.623 ng/ul
RT: 19.20 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:202 Resp: 37906

Ion	Ratio	Lower	Upper
202	100		
101	12.7	18.2	27.4#
100	10.8	15.6	23.4#

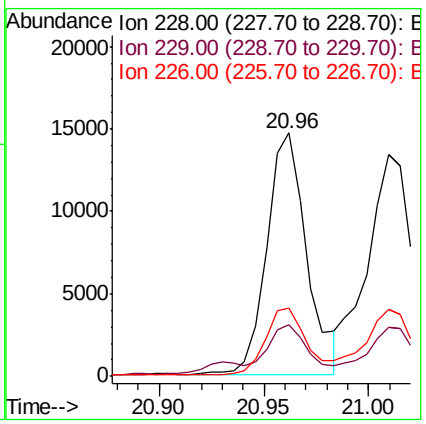




#18
Benzo(a)anthracene
Concen: 0.777 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:228 Resp: 19360

Ion	Ratio	Lower	Upper
228	100		
229	21.5	22.8	34.2#
226	28.0	17.0	25.6#



Instrument :
BNA_E
ClientSampleId :
C0AA2

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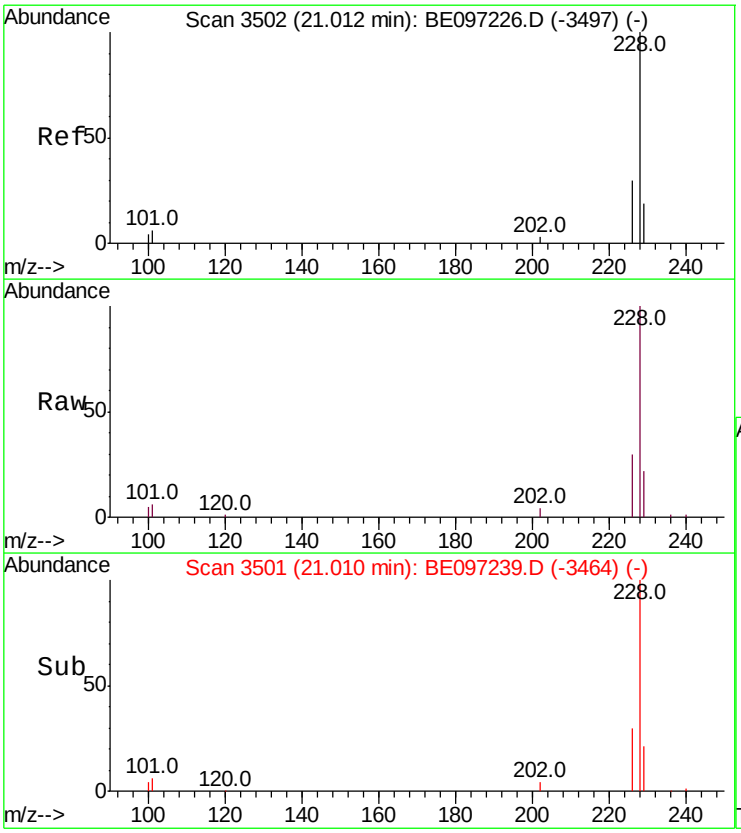
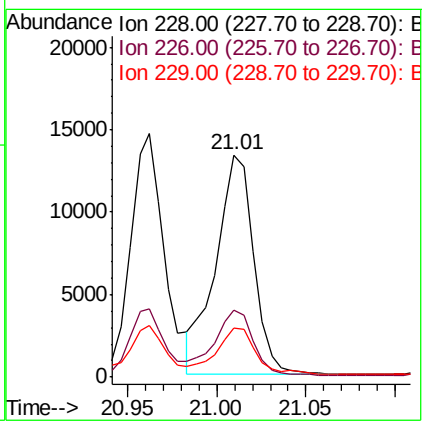
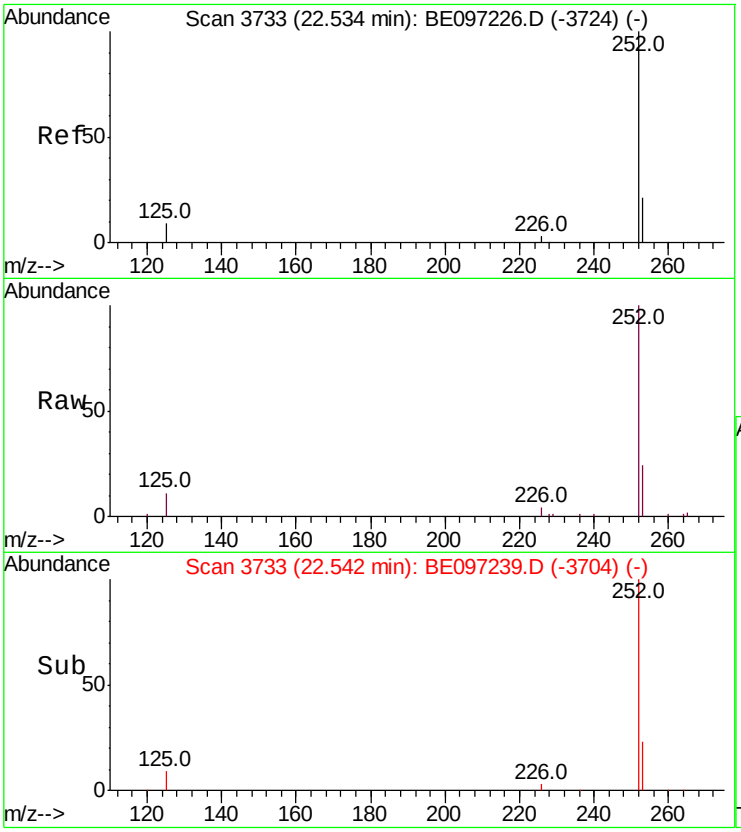


#19
Chrysene
Concen: 0.772 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:228 Resp: 19807

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.0
229	21.9	17.7	26.5

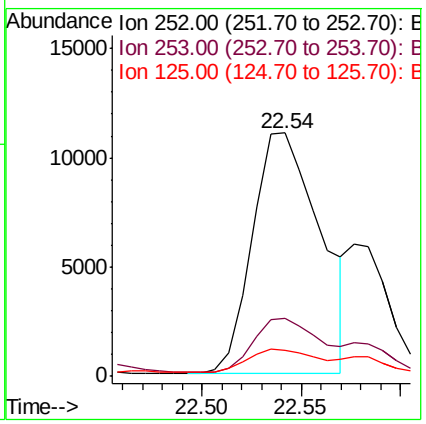




#21
Benzo(b)fluoranthene
Concen: 1.169 ng/ul m
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:252 Resp: 26229

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	64.2
125	10.7	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
C0AA2

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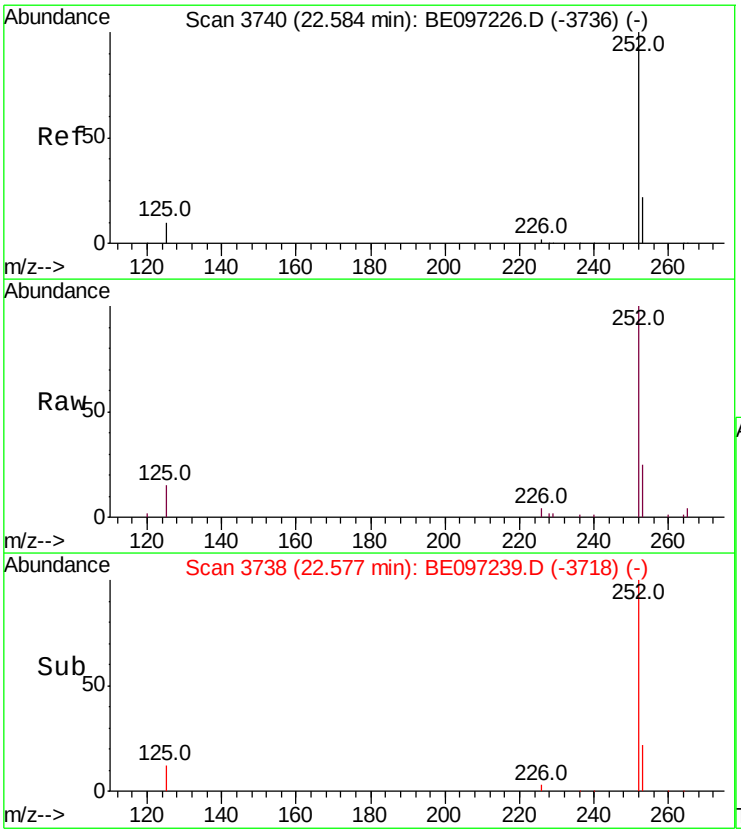
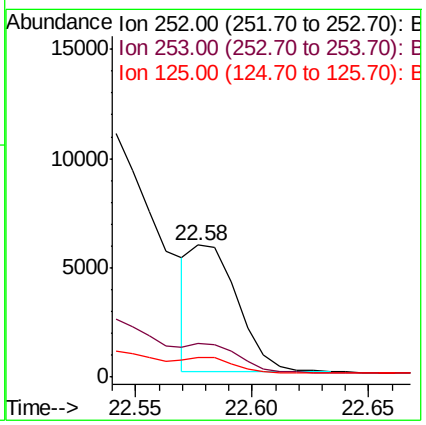
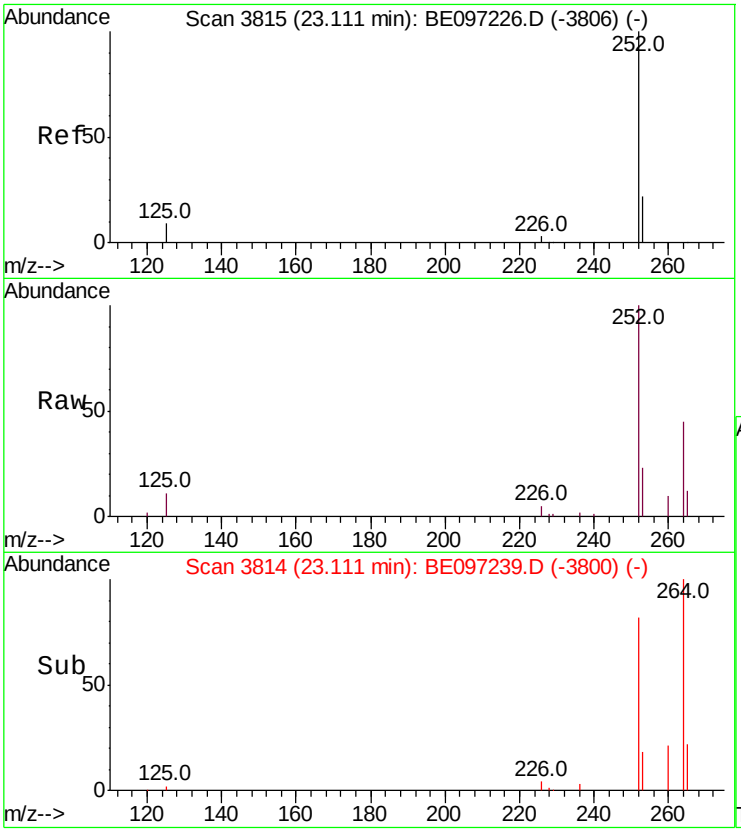


#22
Benzo(k)fluoranthene
Concen: 0.326 ng/ul m
RT: 22.58 min Scan# 3738
Delta R.T. -0.01 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:252 Resp: 7890

Ion	Ratio	Lower	Upper
252	100		
253	25.3	24.5	36.7
125	14.6	13.7	20.5





#23
Benzo(a)pyrene
Concen: 0.771 ng/ul m
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:252 Resp: 17302

Ion	Ratio	Lower	Upper
252	100		
253	23.2	28.5	42.7#
125	11.3	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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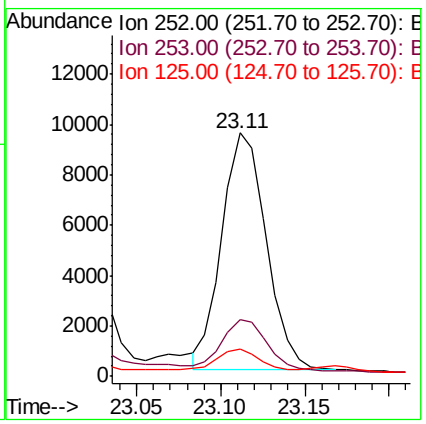
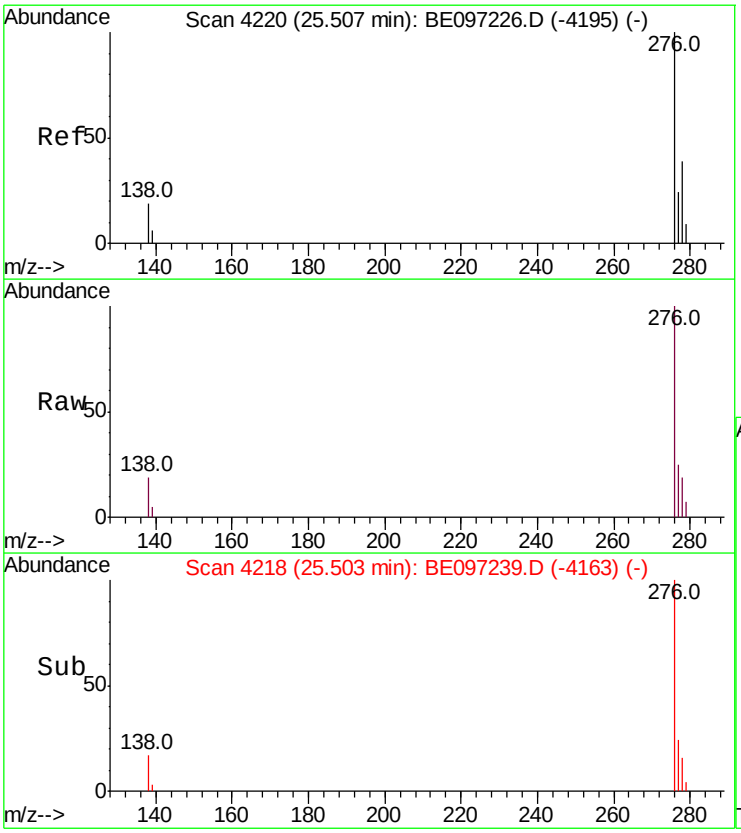
8/9/2018 4:43:19 PM

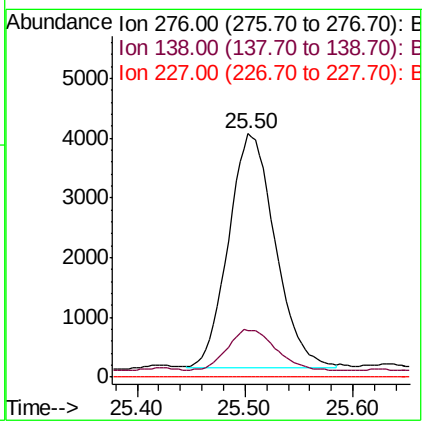


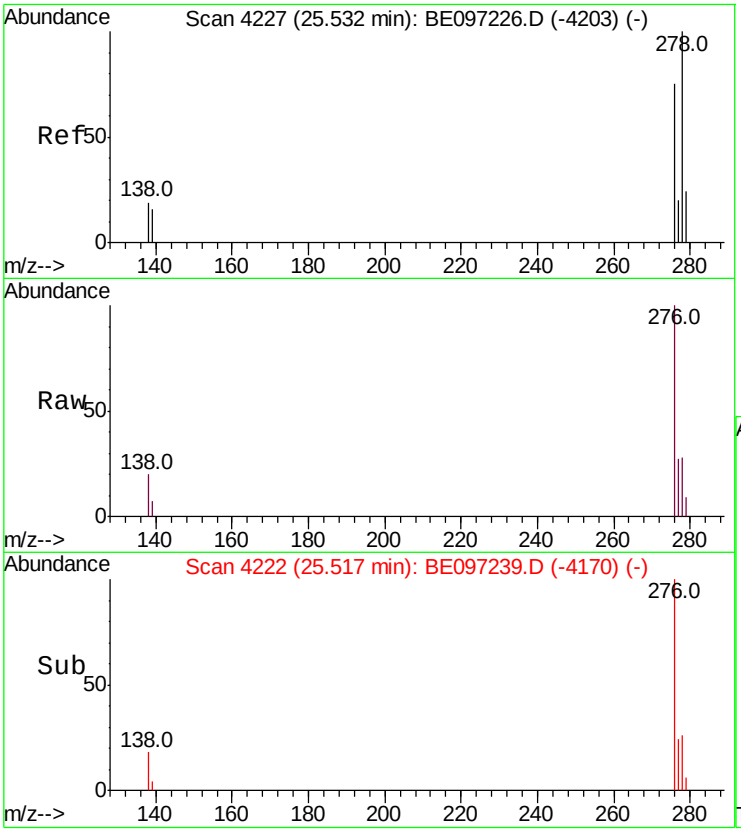


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.418 ng/ul m
RT: 25.50 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:276 Resp: 11752

Ion	Ratio	Lower	Upper
276	100		
138	2.1	28.0	42.0#
227	0.0	8.0	12.0#

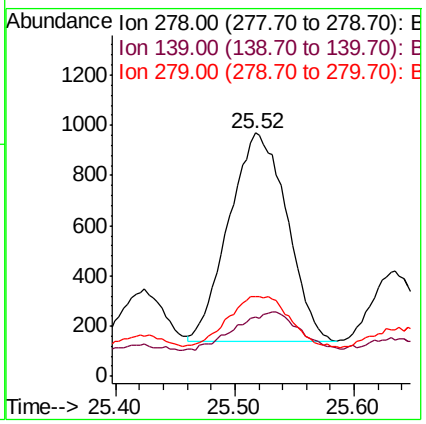




#25
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul m
RT: 25.52 min Scan# 4222
Delta R.T. -0.02 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:278 Resp: 2817

Ion	Ratio	Lower	Upper
278	100		
139	24.3	17.4	26.0
279	32.7	25.9	38.9



Instrument :
BNA_E
ClientSampleId :
C0AA2

Manual Integrations APPROVED
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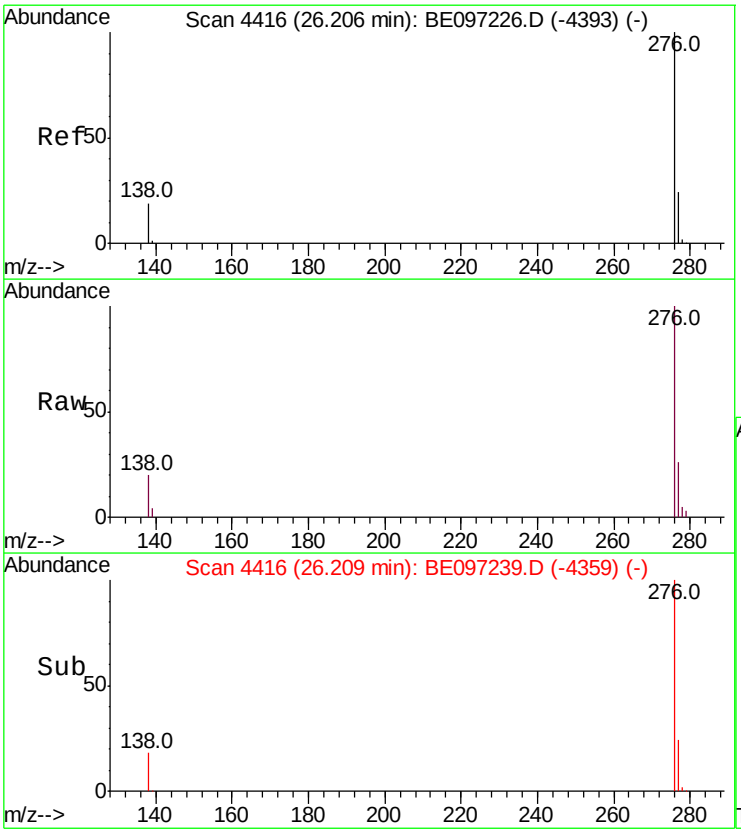
8/9/2018 4:43:19 PM



#26
Benzo(g,h,i)perylene
Concen: 0.460 ng/ul m
RT: 26.21 min Scan# 4416
Delta R.T. 0.00 min
Lab File: BE097239.D
Acq: 8 Aug 2018 17:34

Tgt Ion:276 Resp: 11165

Ion	Ratio	Lower	Upper
276	100		
138	20.1	21.8	32.8#
277	26.0	20.5	30.7