Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097185.D
Acq On : 3 Aug 2018 18:38
Operator : SJ/JU
Sample : J4171-16
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JJ1K7

Manual Integrations APPROVED
Sohil
8/6/2018 4:32:27 PM

Quant Time: Aug 04 00:04:10 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 : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1479	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	7720	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	4844	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	11731m	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12488m	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	12410m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	3350	0.27	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9823m	0.24	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.08	153	554	0.037	ng/ul#	93
9) Fluorene	15.08	166	834	0.048	ng/ul#	90
12) Phenanthrene	16.81	178	43541m	1.456	ng/ul	
13) Anthracene	16.90	178	6568m	0.235	ng/ul	
15) Fluoranthene	18.84	202	139645m	3.533	ng/ul	
17) Pyrene	19.21	202	150321	4.492	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	64828m	1.817	ng/ul	
19) Chrysene	21.01	228	76727	2.087	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	101952m	3.014	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	30820m	0.845	ng/ul	
23) Benzo(a)pyrene	23.11	252	77705m	2.296	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.50	276	55870m	1.319	ng/ul	
25) Dibenzo(a,h)anthracene	25.52	278	12801m	0.369	ng/ul	
26) Benzo(g,h,i)perylene	26.21	276	53200m	1.453	ng/ul	

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Aug 04 00:04:10 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 : Fri Aug 03 23:39:09 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
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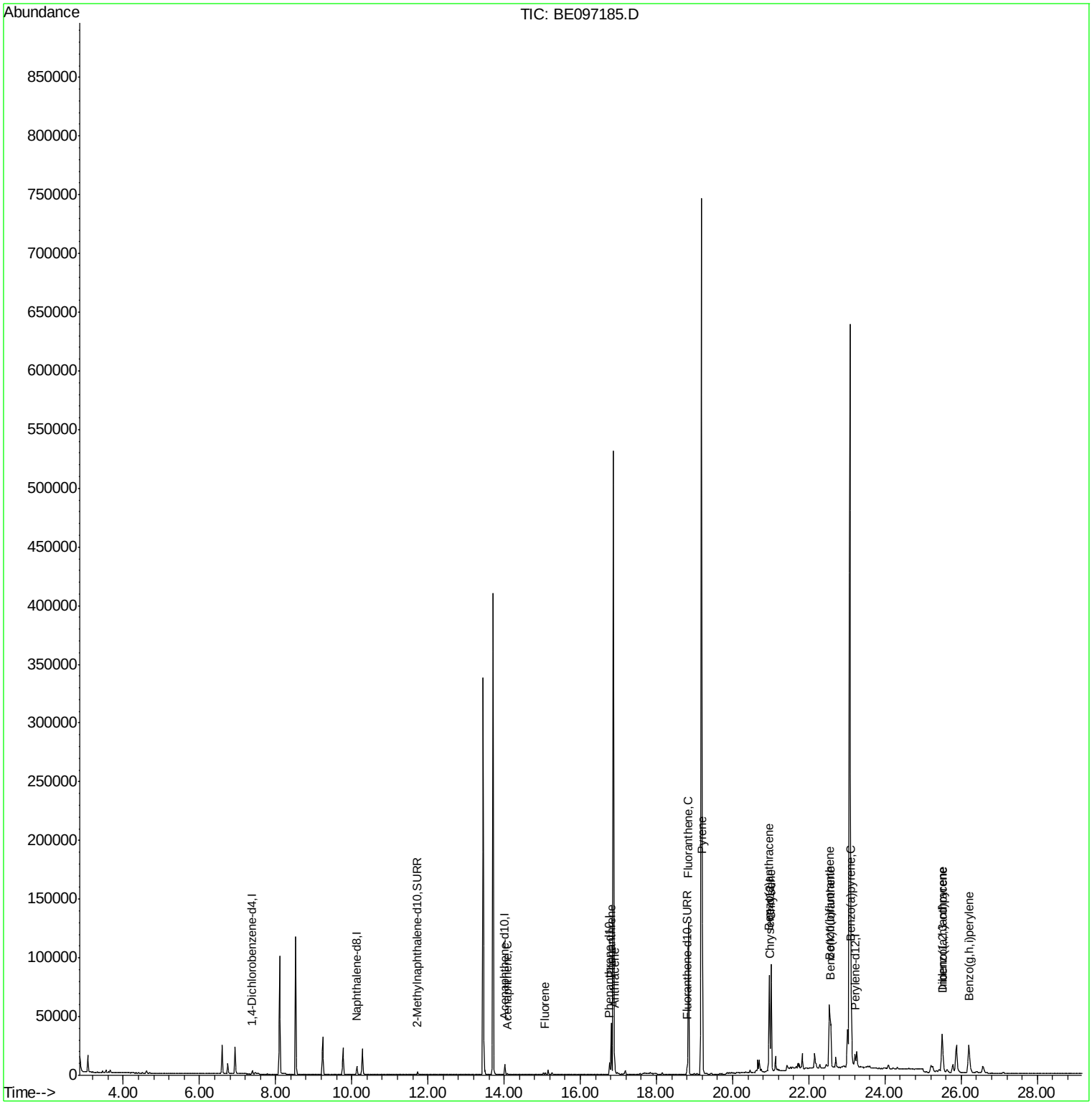

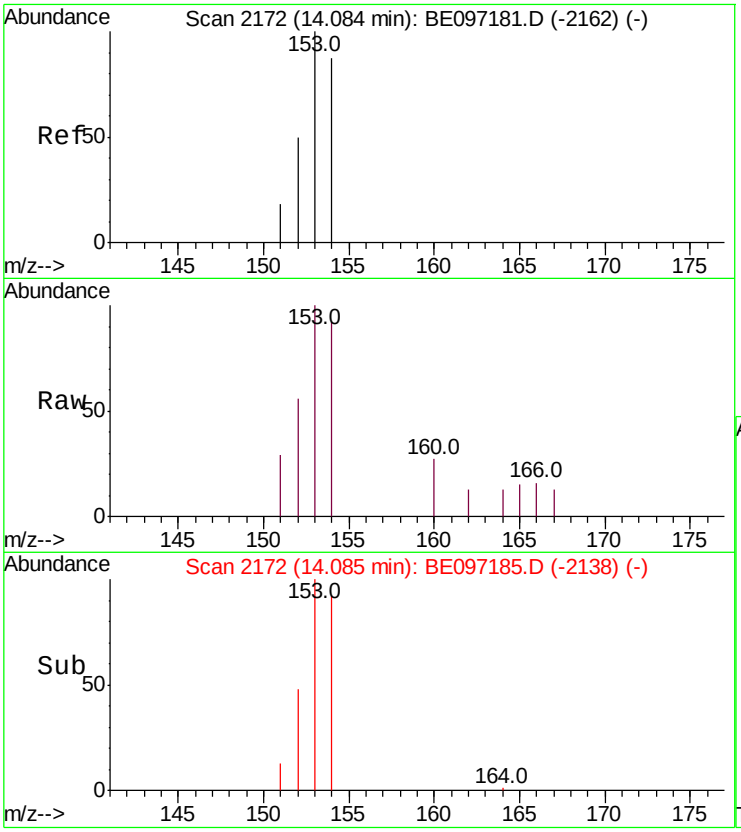

#8
Acenaphthene
Concen: 0.037 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:153 Resp: 554

Ion	Ratio	Lower	Upper
153	100		
152	56.5	36.0	54.0#
154	92.1	72.0	108.0

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
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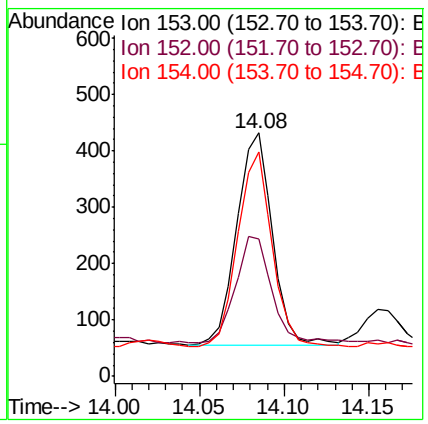
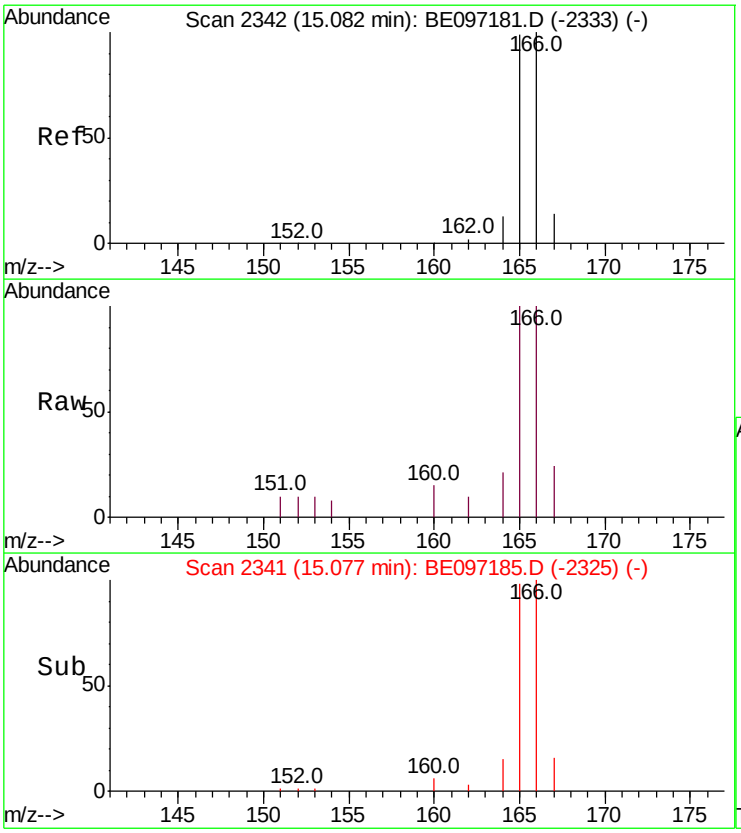
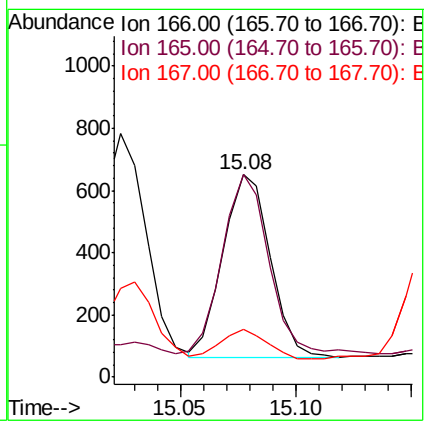


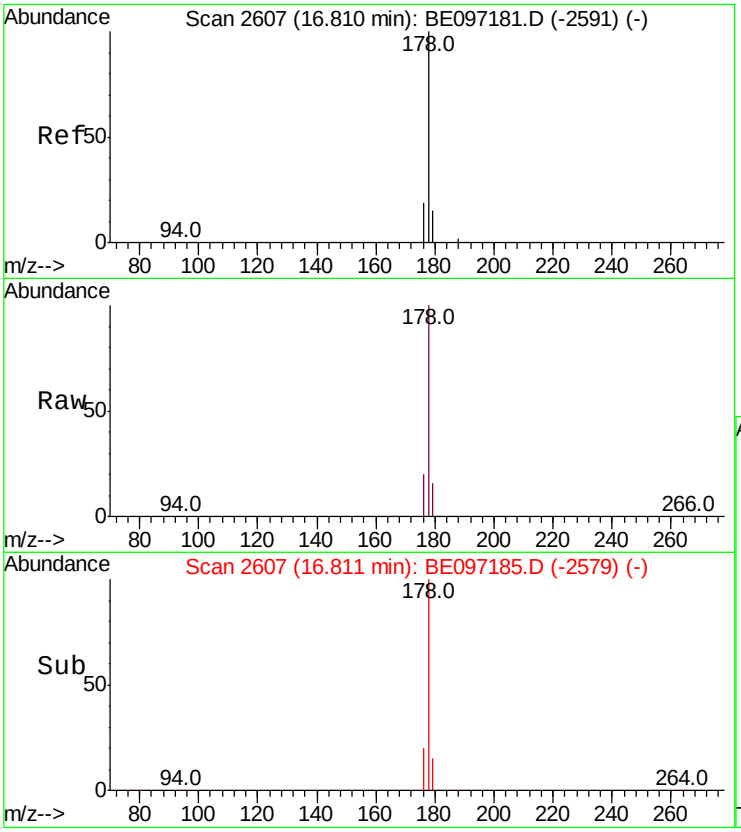


#9
Fluorene
Concen: 0.048 ng/ul
RT: 15.08 min Scan# 2341
Delta R.T. -0.01 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:166 Resp: 834

Ion	Ratio	Lower	Upper
166	100		
165	100.3	73.4	110.2
167	24.0	14.6	22.0#

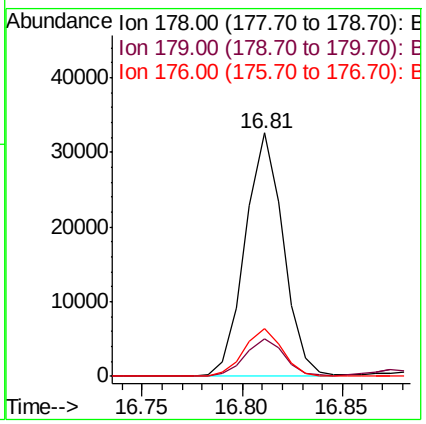




#12
Phenanthrene
Concen: 1.456 ng/ul m
RT: 16.81 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:178 Resp: 43541

Ion	Ratio	Lower	Upper
178	100		
179	15.7	18.4	27.6#
176	19.7	13.6	20.4



Instrument :
BNA_E
ClientSampleId :
JJ1K7

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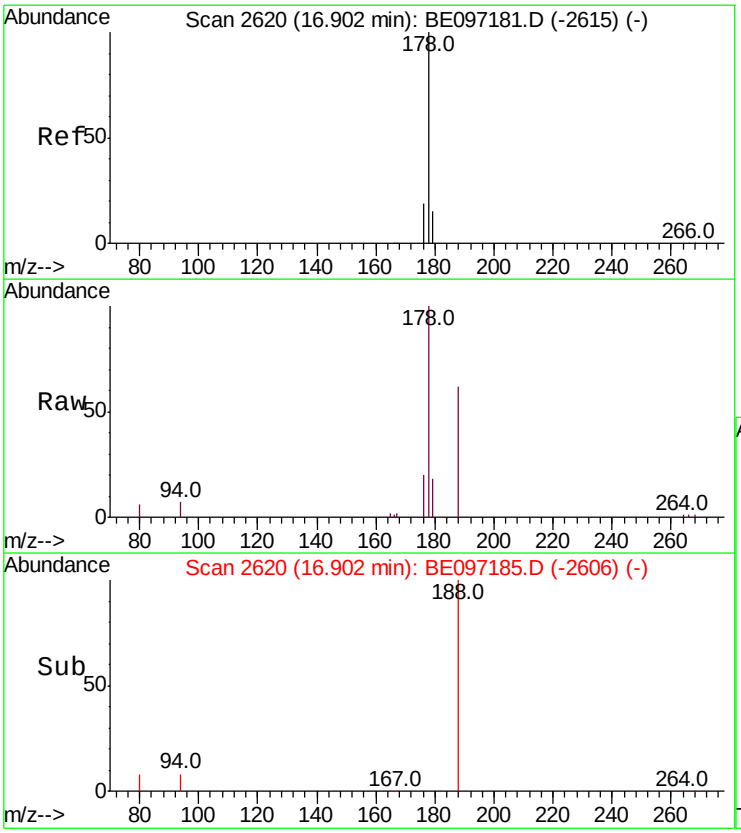
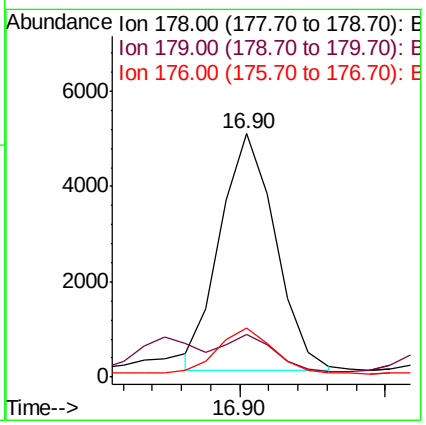
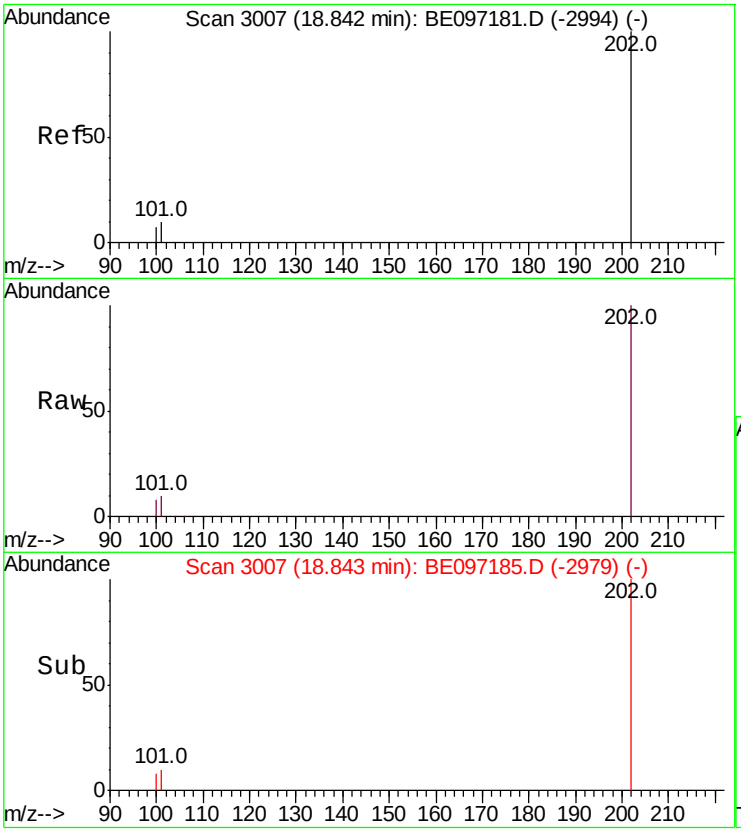


#13
Anthracene
Concen: 0.235 ng/ul m
RT: 16.90 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:178 Resp: 6568

Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.1	27.1#
176	20.3	14.7	22.1





#15
Fluoranthene
Concen: 3.533 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:202 Resp: 139645

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.1	0.0	39.5

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
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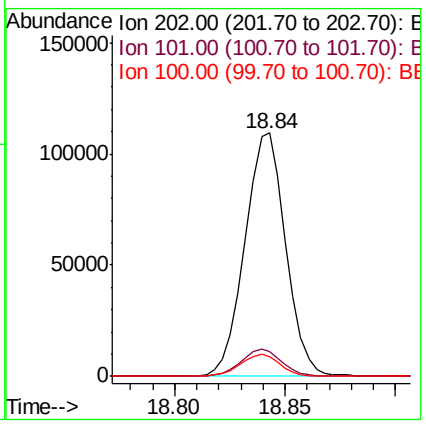
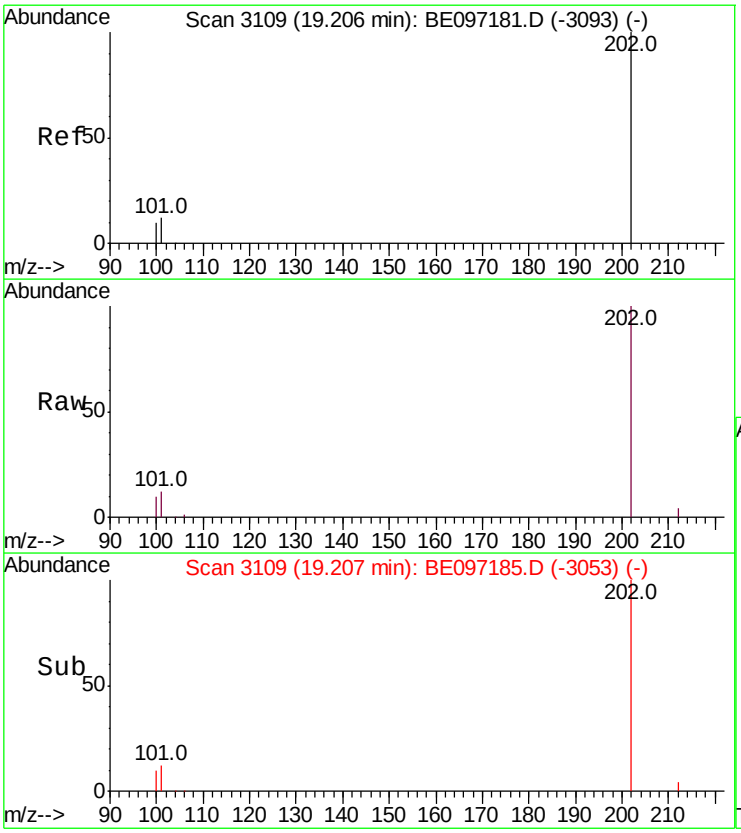
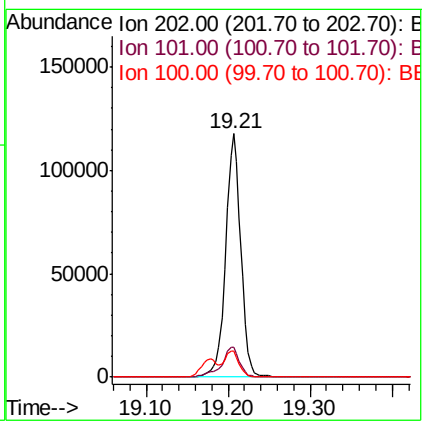


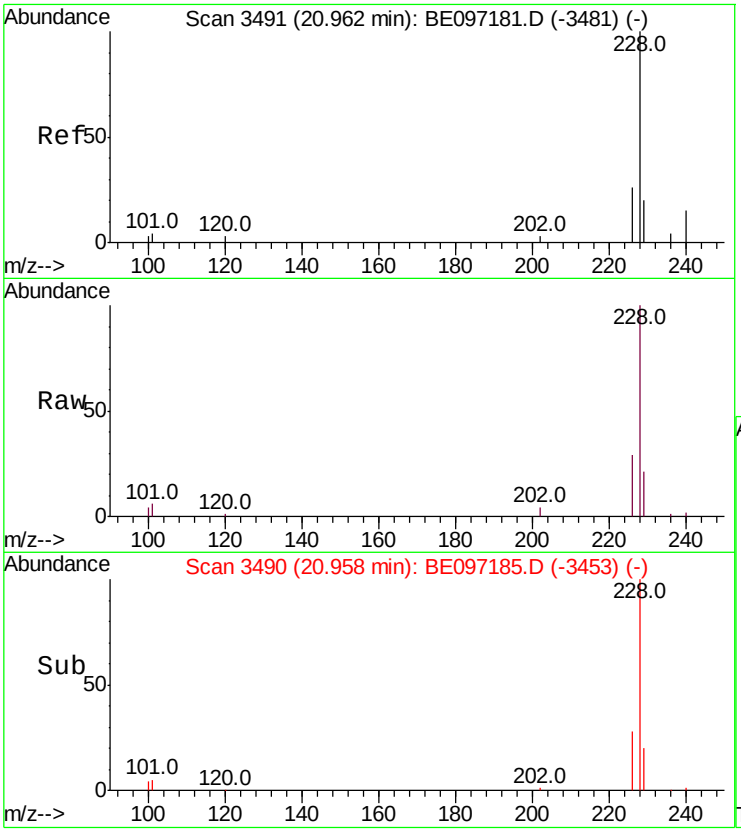


#17
Pyrene
Concen: 4.492 ng/ul
RT: 19.21 min Scan# 3109
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:202 Resp: 150321

Ion	Ratio	Lower	Upper
202	100		
101	12.3	18.2	27.4#
100	10.5	15.6	23.4#





#18
Benzo(a)anthracene
Concen: 1.817 ng/ul m
RT: 20.96 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:228 Resp: 64828

Ion	Ratio	Lower	Upper
228	100		
229	20.7	22.8	34.2#
226	28.9	17.0	25.6#

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
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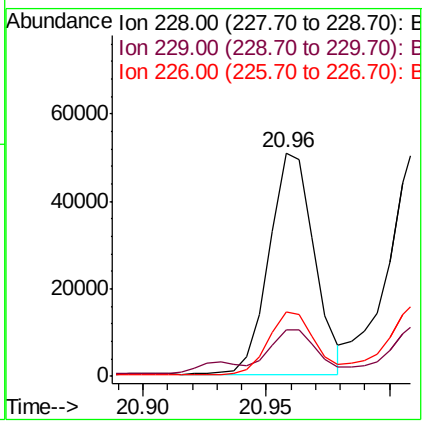
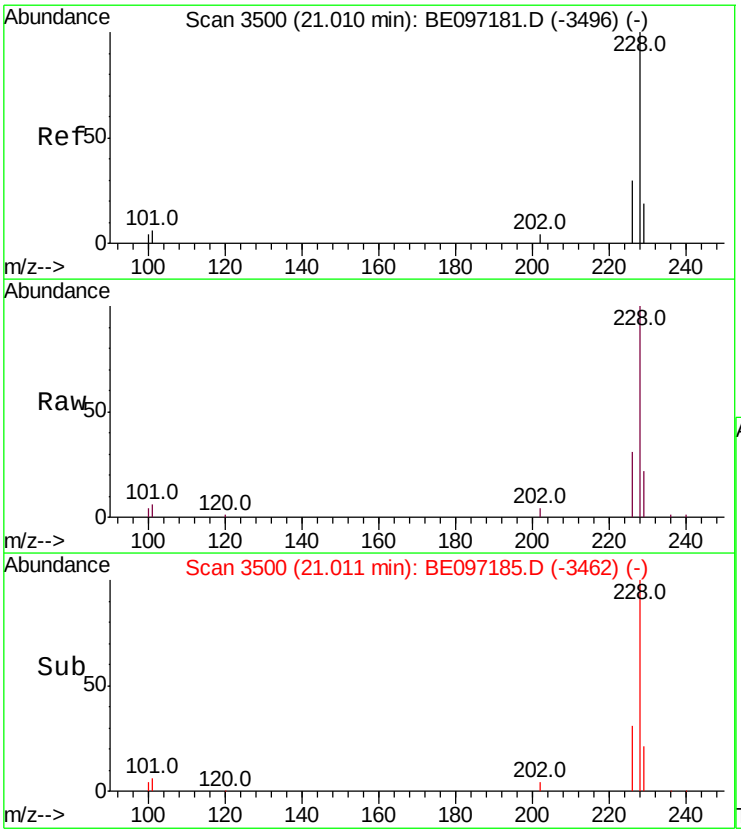
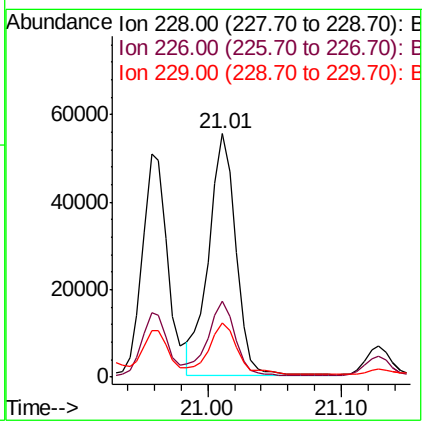


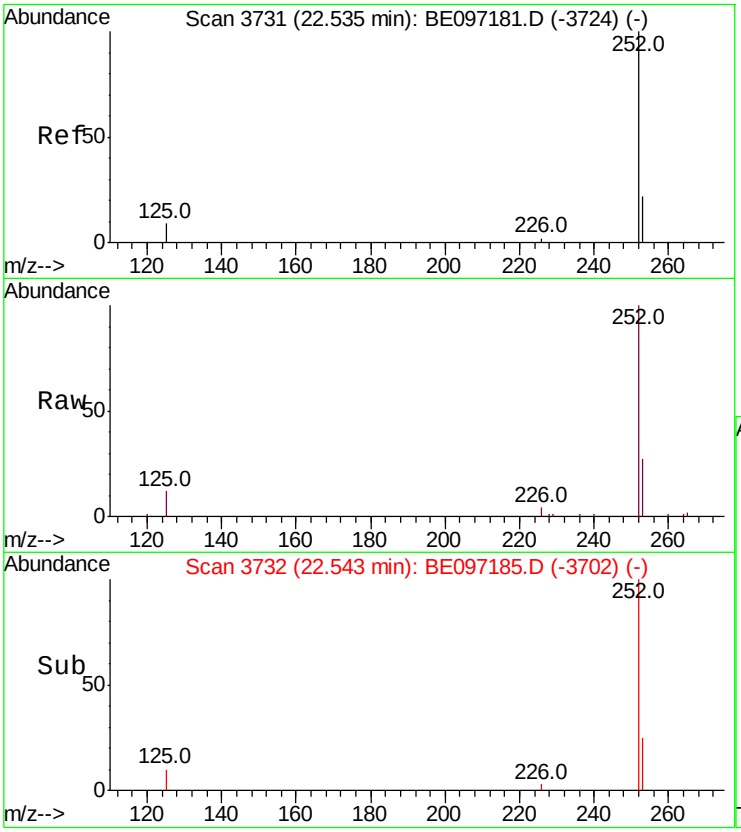


#19
Chrysene
Concen: 2.087 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:228 Resp: 76727

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.0
229	22.0	17.7	26.5

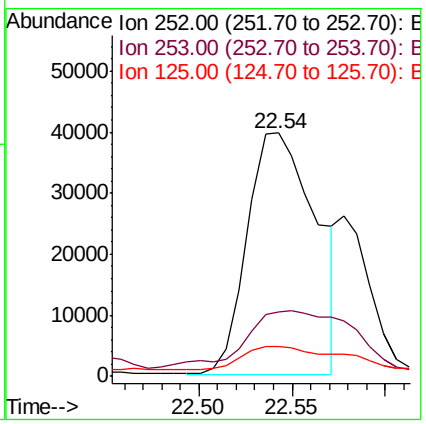




#21
Benzo(b)fluoranthene
Concen: 3.014 ng/ul m
RT: 22.54 min Scan# 3732
Delta R.T. 0.01 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:252 Resp: 101952

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	64.2
125	12.3	0.0	35.0



Instrument :
BNA_E
ClientSampleId :
JJ1K7

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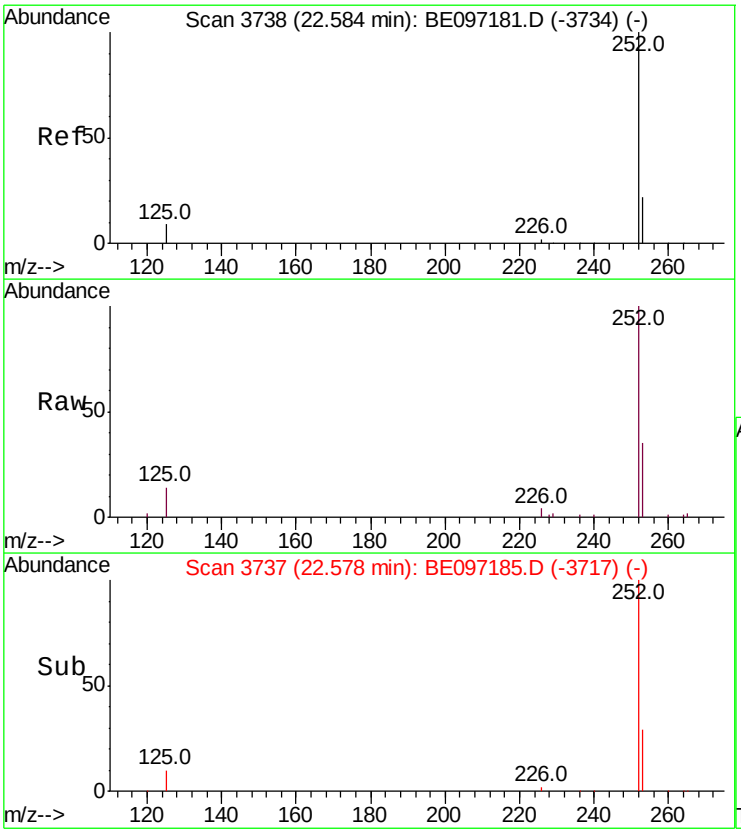
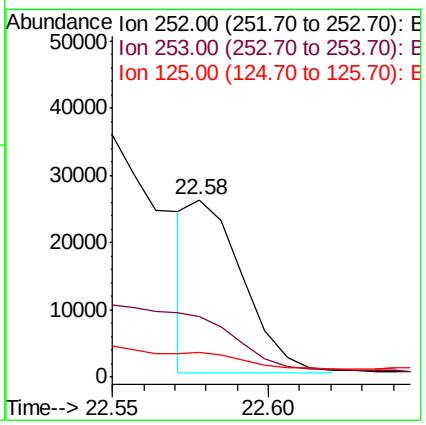
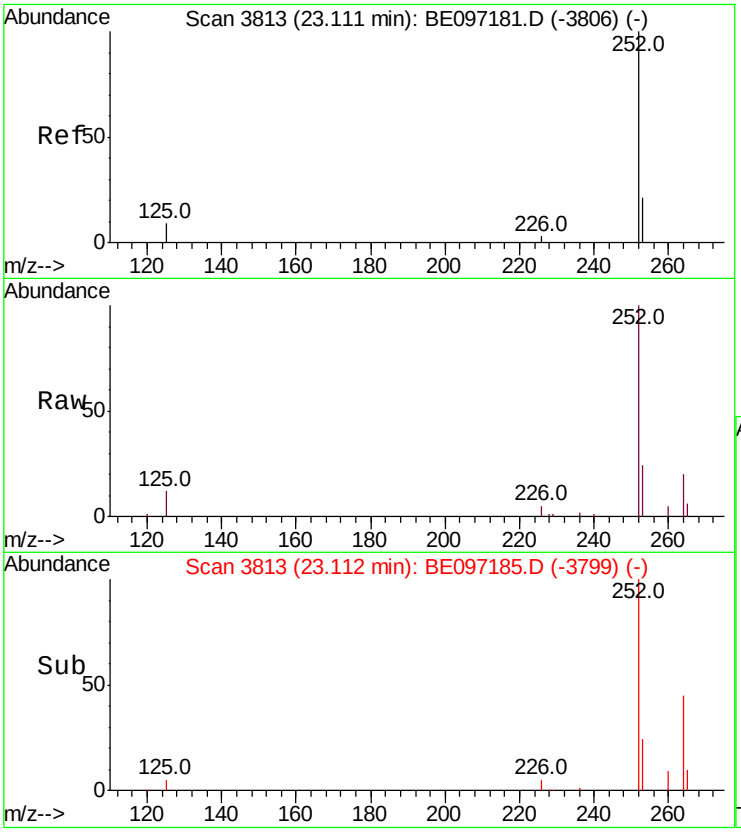


#22
Benzo(k)fluoranthene
Concen: 0.845 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:252 Resp: 30820

Ion	Ratio	Lower	Upper
252	100		
253	34.6	24.5	36.7
125	14.1	13.7	20.5





#23
Benzo(a)pyrene
Concen: 2.296 ng/ul m
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:252 Resp: 77705

Ion	Ratio	Lower	Upper
252	100		
253	23.9	28.5	42.7#
125	12.5	18.1	27.1#

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
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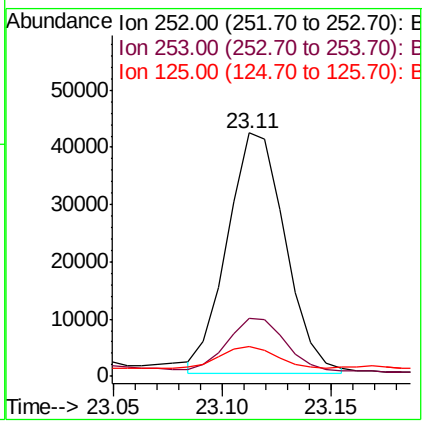
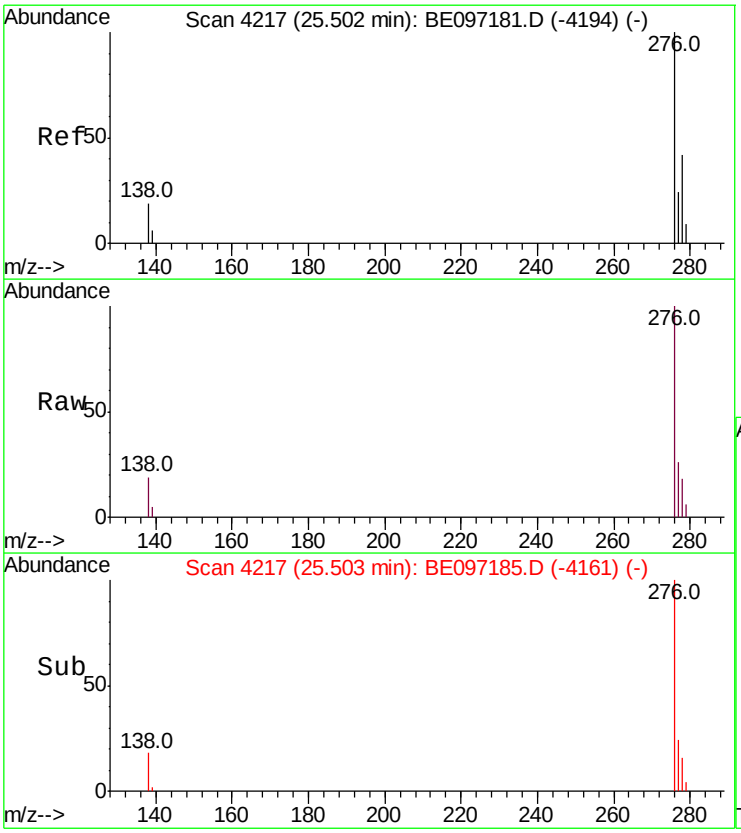
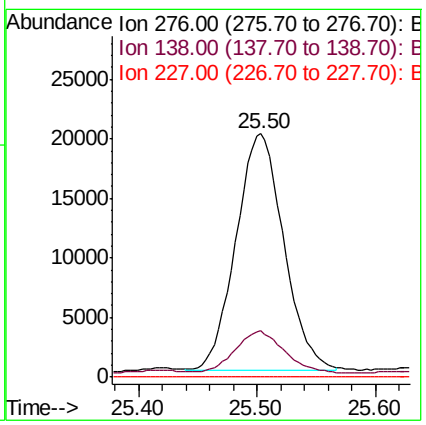


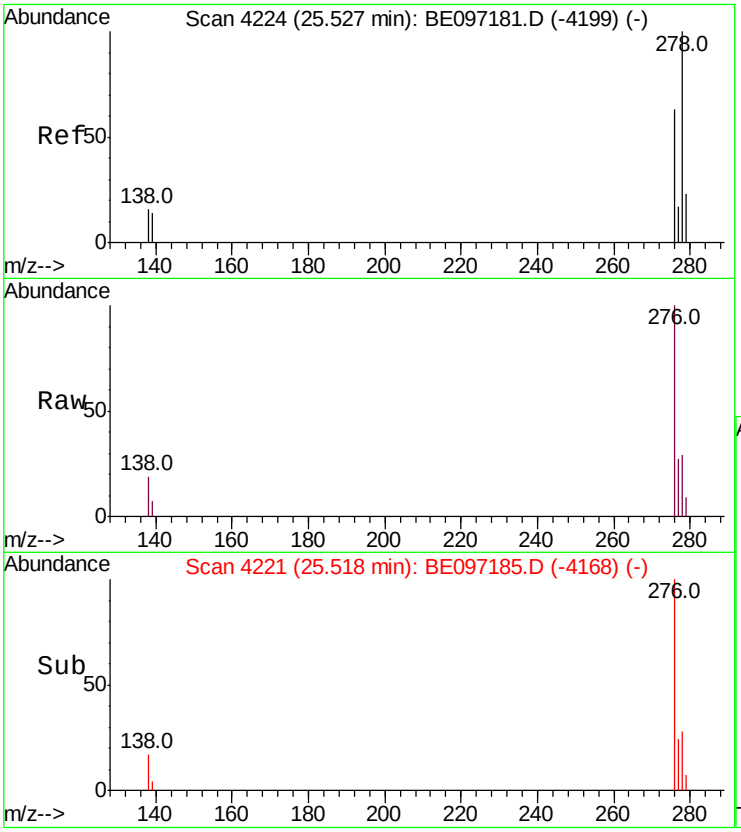


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.319 ng/ul m
RT: 25.50 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:276 Resp: 55870

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: 0.369 ng/ul m
RT: 25.52 min Scan# 4221
Delta R.T. -0.01 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:278 Resp: 12801

Ion	Ratio	Lower	Upper
278	100		
139	24.2	17.4	26.0
279	32.0	25.9	38.9

Instrument :
BNA_E
ClientSampleId :
JJ1K7

Manual Integrations APPROVED
Sohil
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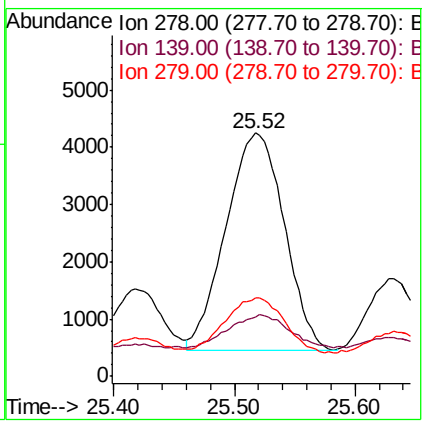

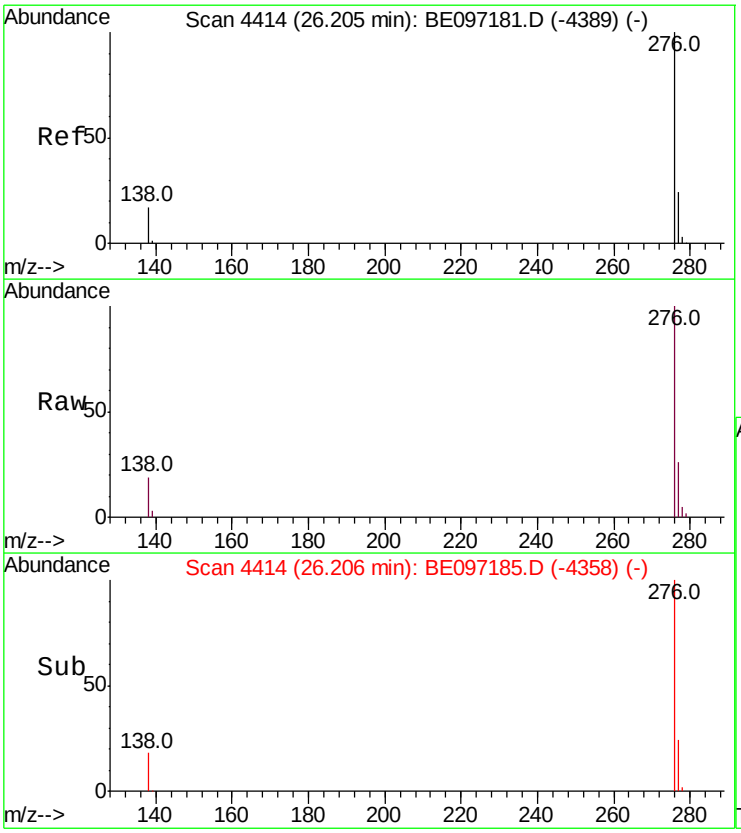

#26
Benzo(g,h,i)perylene
Concen: 1.453 ng/ul m
RT: 26.21 min Scan# 4414
Delta R.T. 0.00 min
Lab File: BE097185.D
Acq: 3 Aug 2018 18:38

Tgt Ion:276 Resp: 53200

Ion	Ratio	Lower	Upper
276	100		
138	19.4	21.8	32.8#
277	25.8	20.5	30.7