Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080318\
Data File : BE097188.D
Acq On : 3 Aug 2018 20:32
Operator : SJ/JU
Sample : J4171-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : JJ1J9

Manual Integrations APPROVED
Sohil
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Quant Time: Aug 04 00:20:07 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	1684	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	8823	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	5784	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	12695m	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	13601m	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13550m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	4276	0.30	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	11831m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1253	0.059	ng/ul#	89
5) 2-Methylnaphthalene	11.81	142	626	0.044	ng/ul	96
7) Acenaphthylene	13.74	152	1447	0.058	ng/ul#	81
12) Phenanthrene	16.81	178	7060m	0.218	ng/ul	
13) Anthracene	16.91	178	1631m	0.054	ng/ul	
15) Fluoranthene	18.84	202	12629m	0.295	ng/ul	
17) Pyrene	19.21	202	17242	0.473	ng/ul#	84
18) Benzo(a)anthracene	20.96	228	8362m	0.215	ng/ul	
19) Chrysene	21.01	228	10025m	0.250	ng/ul	
21) Benzo(b)fluoranthene	22.55	252	14036m	0.380	ng/ul	
22) Benzo(k)fluoranthene	22.57	252	5046m	0.127	ng/ul	
23) Benzo(a)pyrene	23.13	252	11084m	0.300	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.51	276	9137m	0.198	ng/ul	
25) Dibenzo(a,h)anthracene	25.53	278	2851m	0.075	ng/ul	
26) Benzo(g,h,i)perylene	26.22	276	10376m	0.260	ng/ul	

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Aug 04 00:20:07 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 :
JJ1J9

Manual Integrations APPROVED
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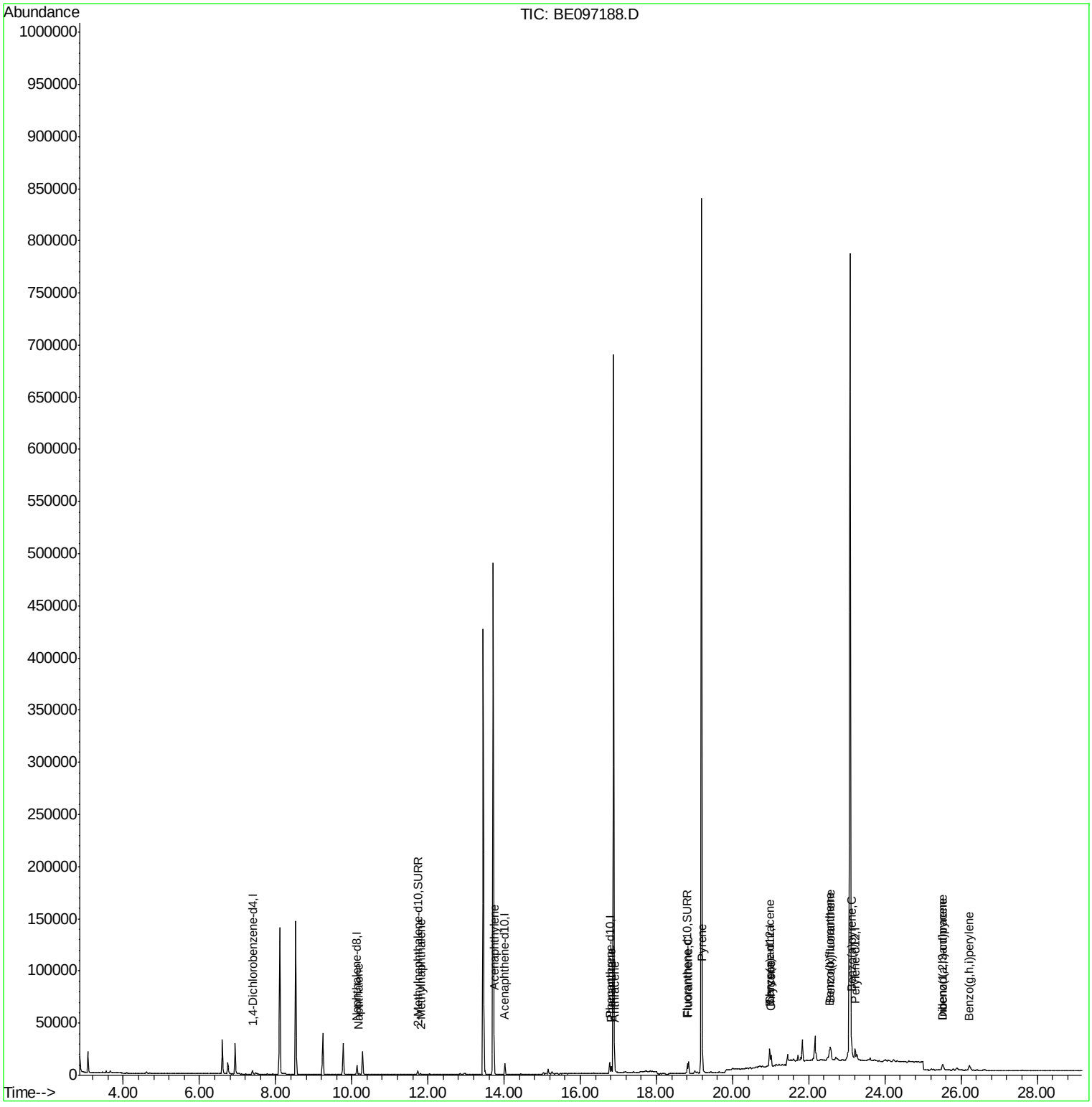

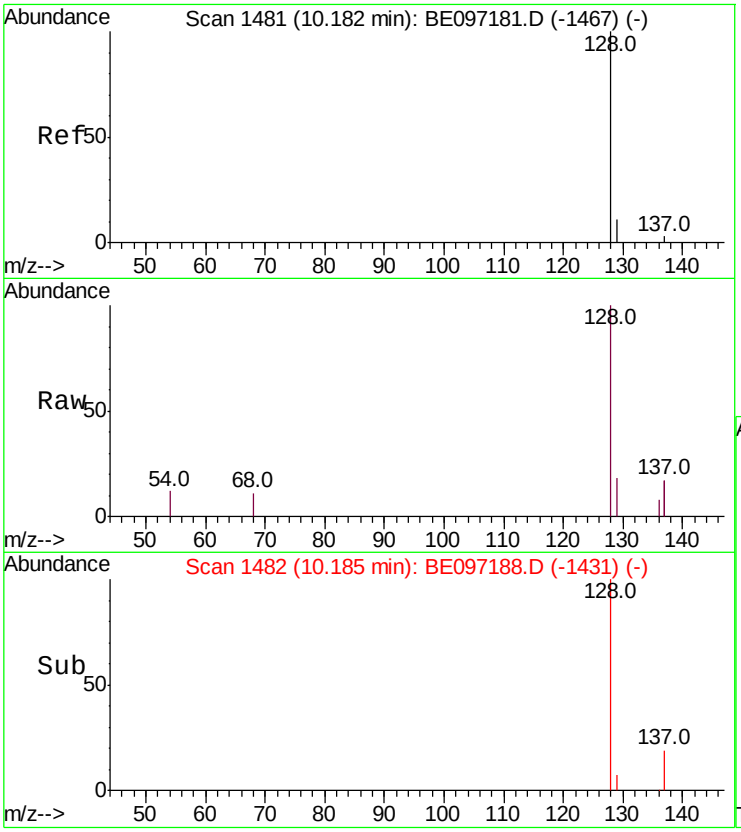

#3
Naphthalene
Concen: 0.059 ng/ul
RT: 10.18 min Scan# 1482
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:128 Resp: 1253

Ion	Ratio	Lower	Upper
128	100		
129	18.2	11.3	16.9#
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
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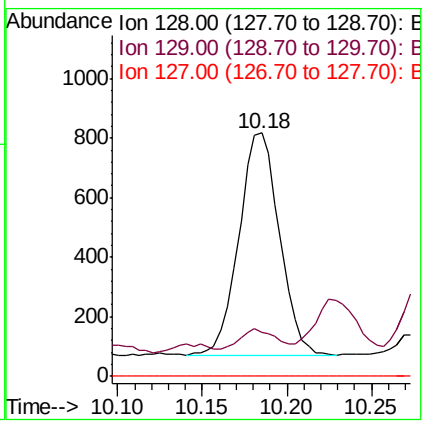
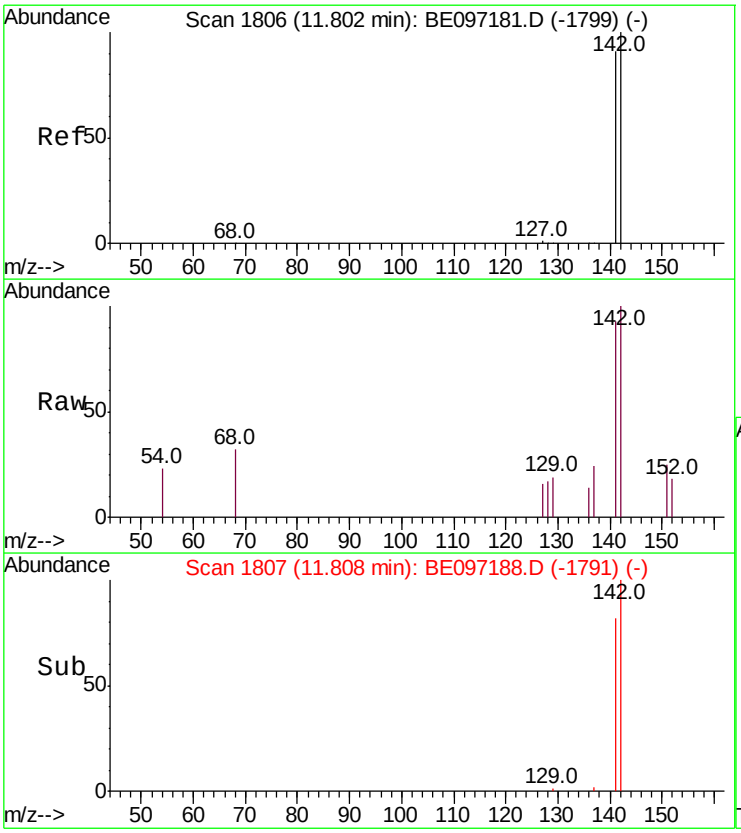
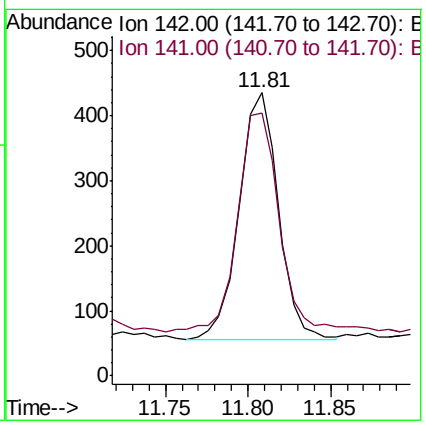


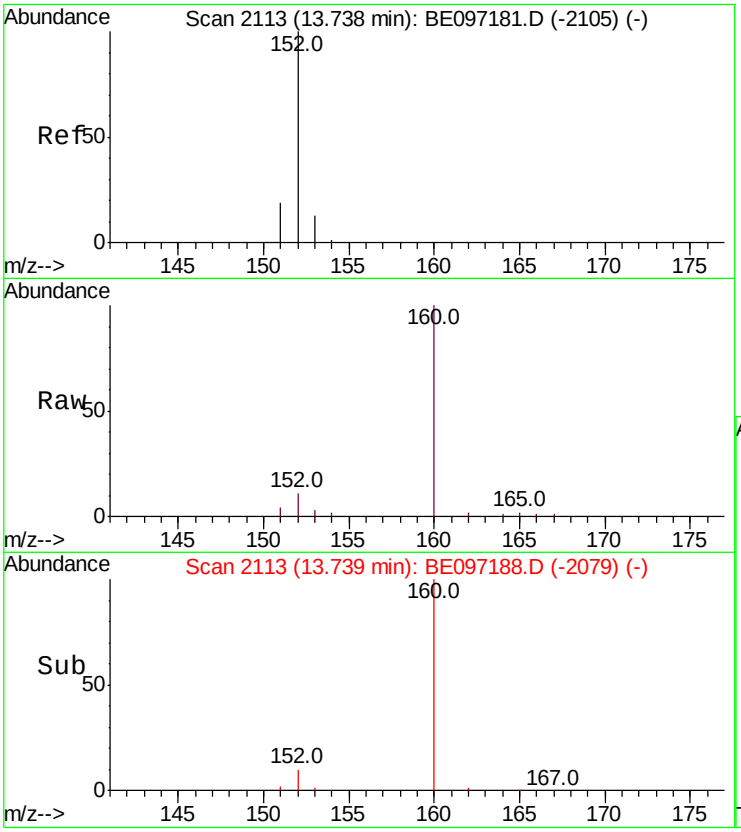


#5
2-Methylnaphthalene
Concen: 0.044 ng/ul
RT: 11.81 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:142 Resp: 626

Ion	Ratio	Lower	Upper
142	100		
141	94.2	72.6	108.8

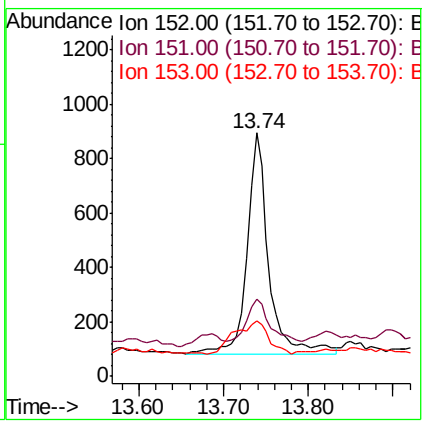




#7
Acenaphthylene
Concen: 0.058 ng/ul
RT: 13.74 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:152 Resp: 1447

Ion	Ratio	Lower	Upper
152	100		
151	31.8	17.1	25.7#
153	22.5	12.8	19.2#



Instrument :
BNA_E
ClientSampleId :
JJ1J9

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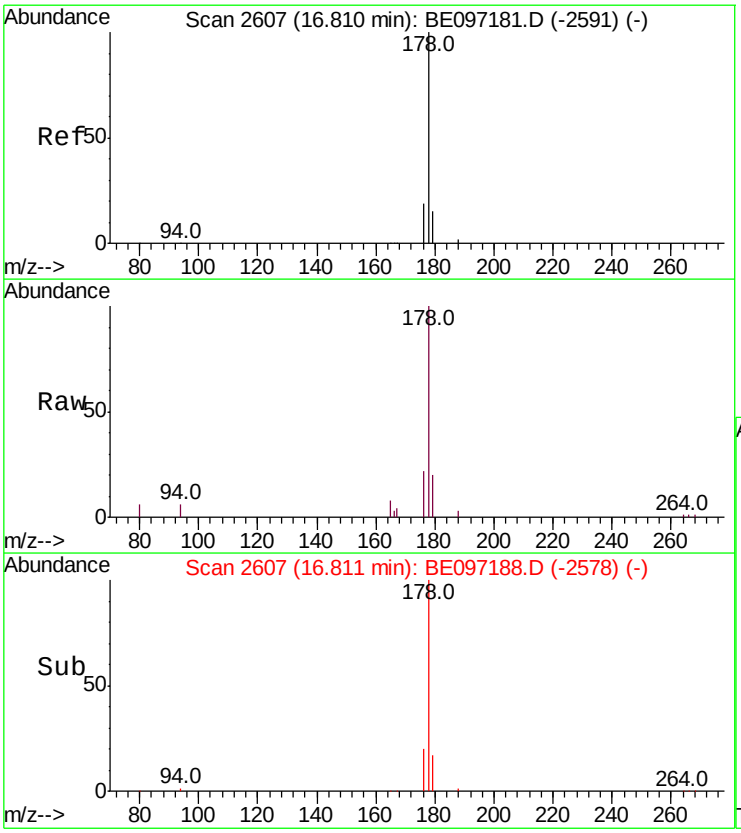
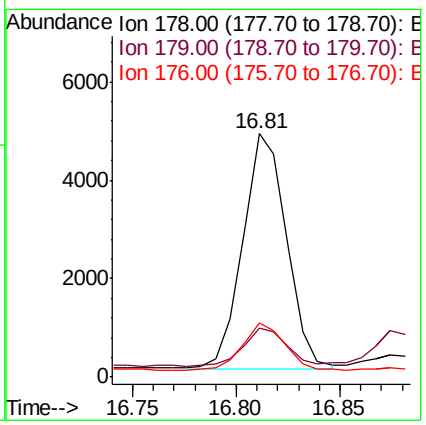
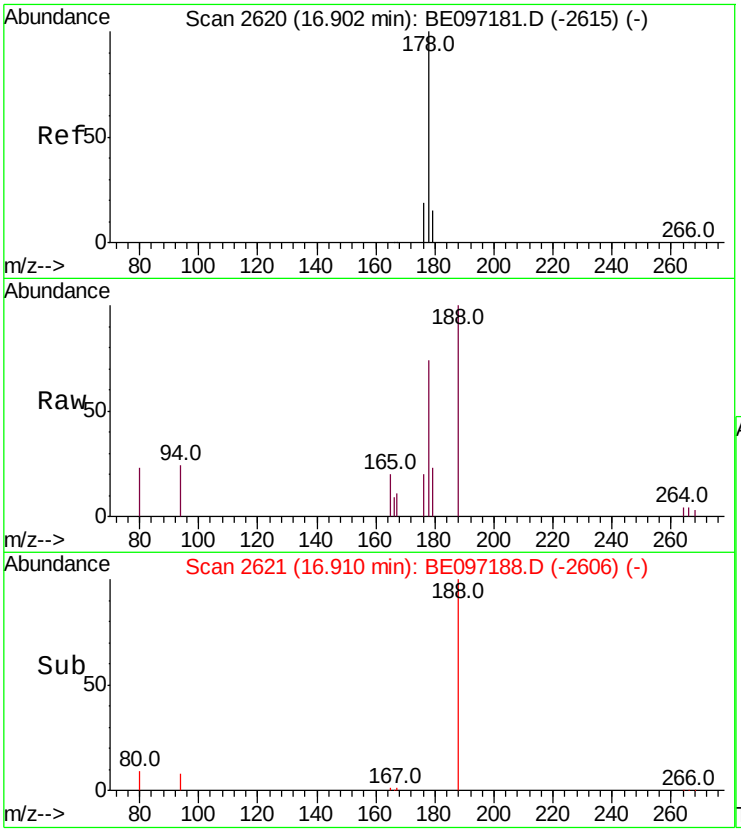


#12
Phenanthrene
Concen: 0.218 ng/ul m
RT: 16.81 min Scan# 2607
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:178 Resp: 7060

Ion	Ratio	Lower	Upper
178	100		
179	20.2	18.4	27.6
176	22.0	13.6	20.4#





#13
Anthracene
Concen: 0.054 ng/ul m
RT: 16.91 min Scan# 2621
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:178 Resp: 1631

Ion	Ratio	Lower	Upper
178	100		
179	31.2	18.1	27.1#
176	27.6	14.7	22.1#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

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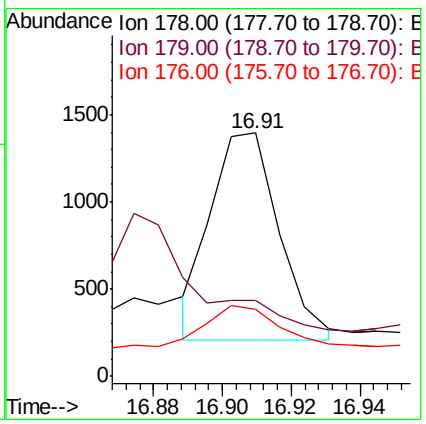
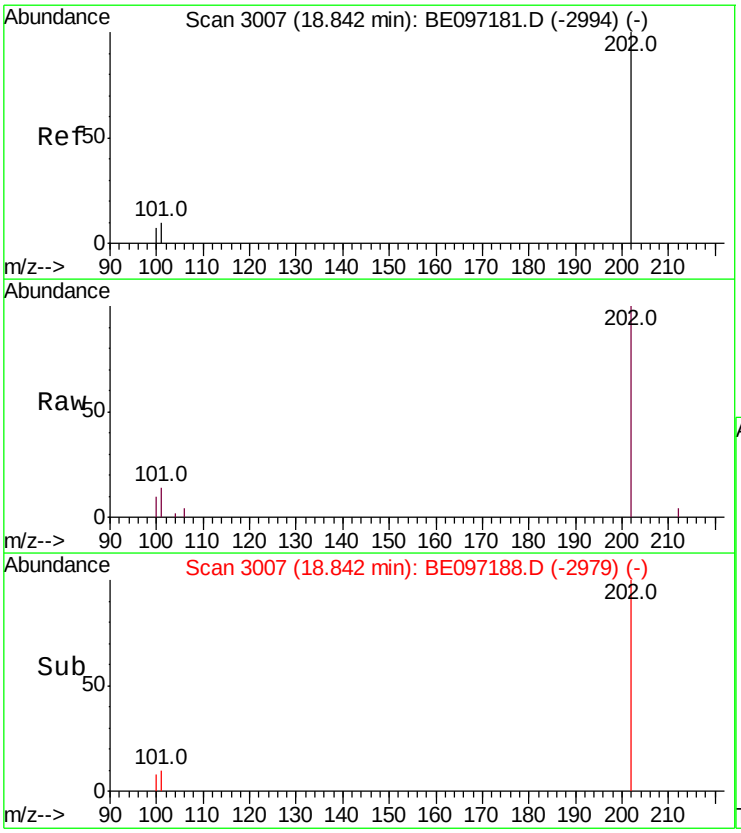
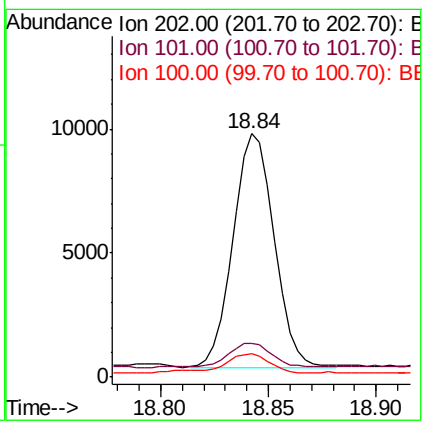


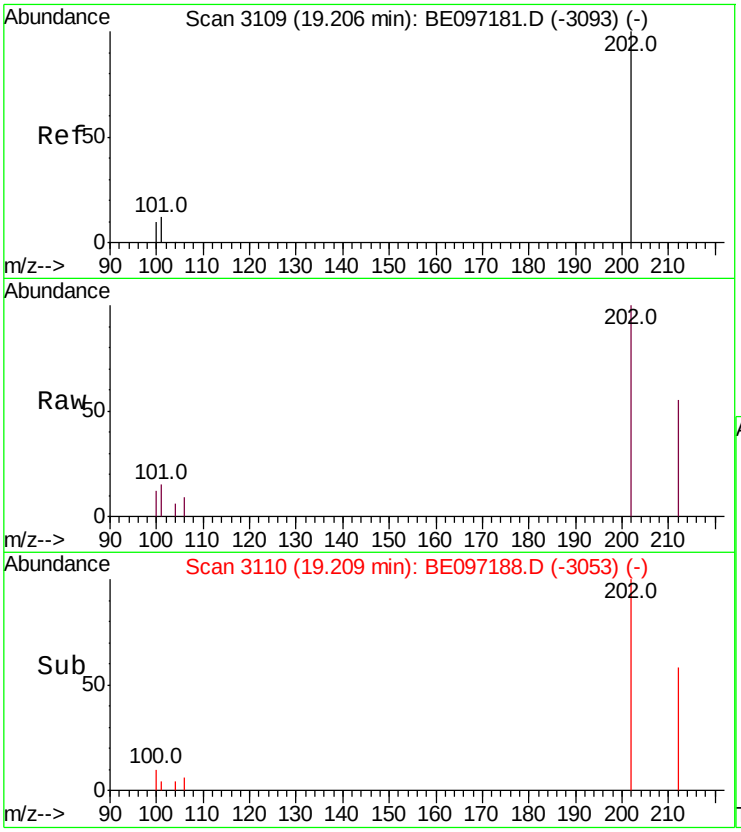


#15
Fluoranthene
Concen: 0.295 ng/ul m
RT: 18.84 min Scan# 3007
Delta R.T. -0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:202 Resp: 12629

Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	30.3
100	9.5	0.0	39.5





#17
Pyrene
Concen: 0.473 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:202 Resp: 17242

Ion	Ratio	Lower	Upper
202	100		
101	15.5	18.2	27.4#
100	11.8	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

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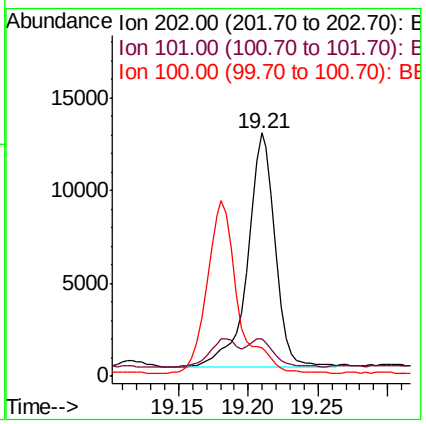
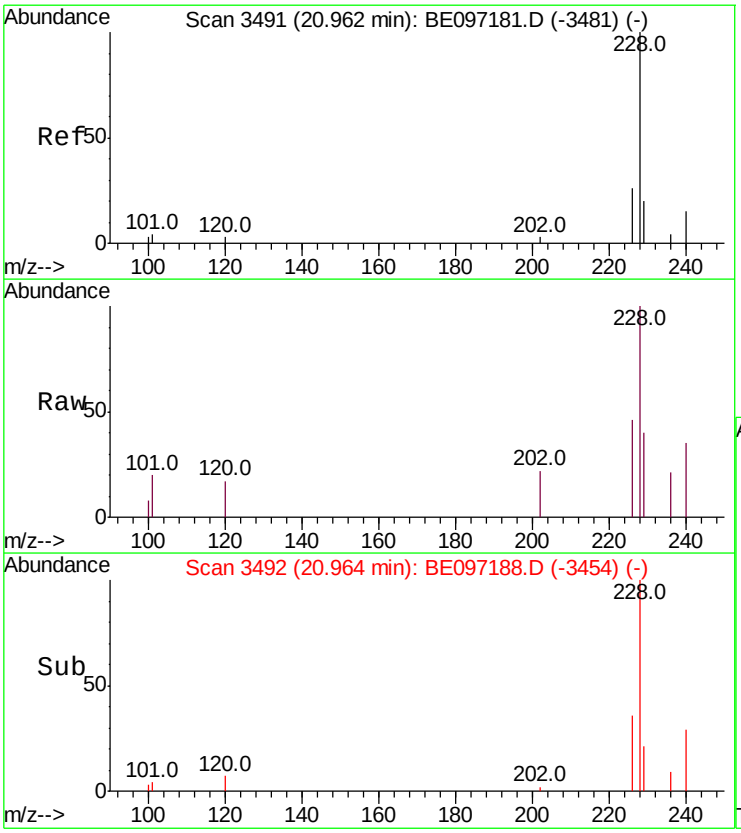
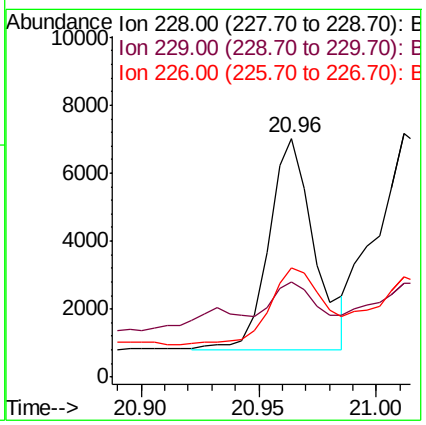


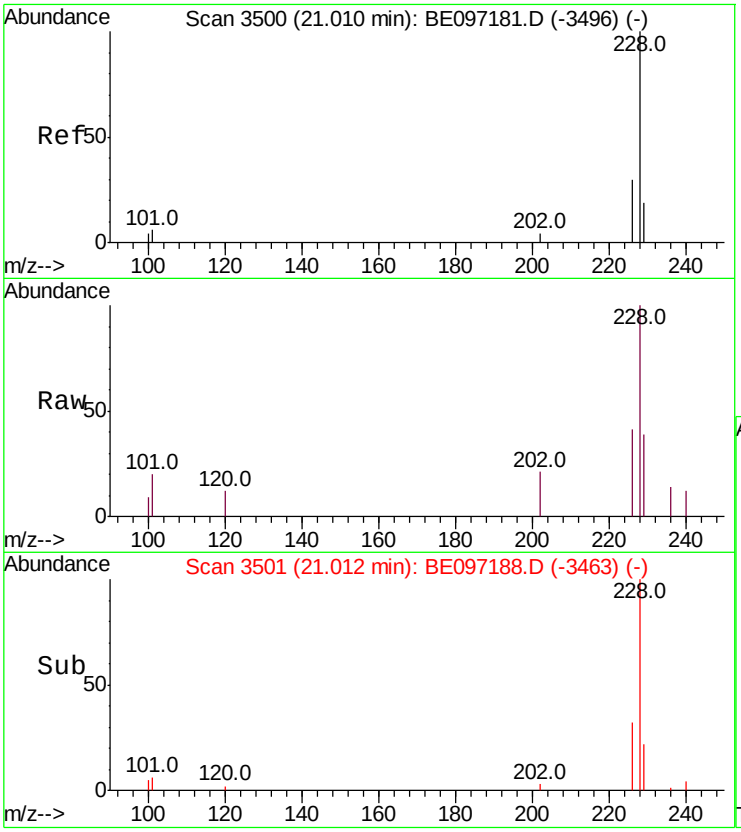


#18
Benzo(a)anthracene
Concen: 0.215 ng/ul m
RT: 20.96 min Scan# 3492
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:228 Resp: 8362

Ion	Ratio	Lower	Upper
228	100		
229	39.9	22.8	34.2#
226	45.8	17.0	25.6#





#19
Chrysene
Concen: 0.250 ng/ul m
RT: 21.01 min Scan# 3501
Delta R.T. 0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:228 Resp: 10025

Ion	Ratio	Lower	Upper
228	100		
226	41.0	23.4	35.0#
229	38.5	17.7	26.5#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

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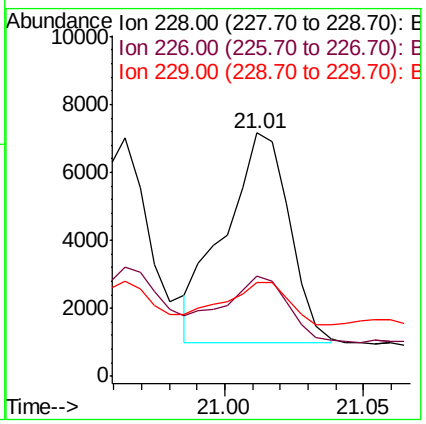
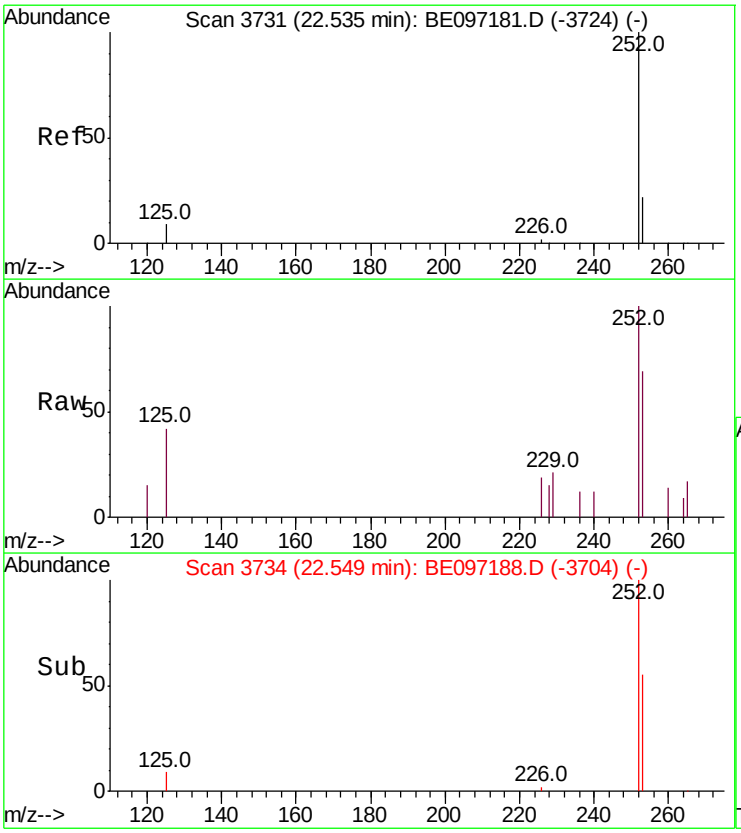
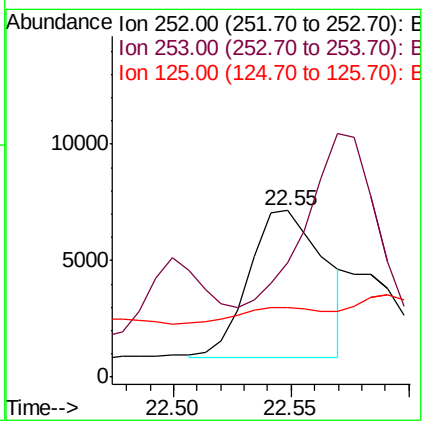


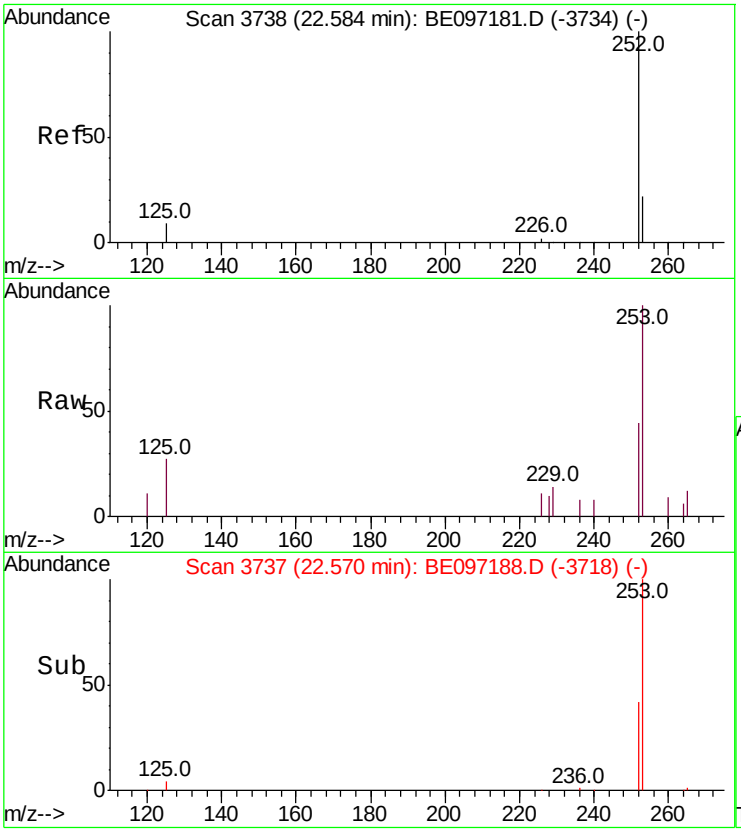


#21
Benzo(b)fluoranthene
Concen: 0.380 ng/ul m
RT: 22.55 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:252 Resp: 14036

Ion	Ratio	Lower	Upper
252	100		
253	68.8	0.0	64.2#
125	42.1	0.0	35.0#





#22
Benzo(k)fluoranthene
Concen: 0.127 ng/ul m
RT: 22.57 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:252 Resp: 5046

Ion	Ratio	Lower	Upper
252	100		
253	225.6	24.5	36.7#
125	61.2	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
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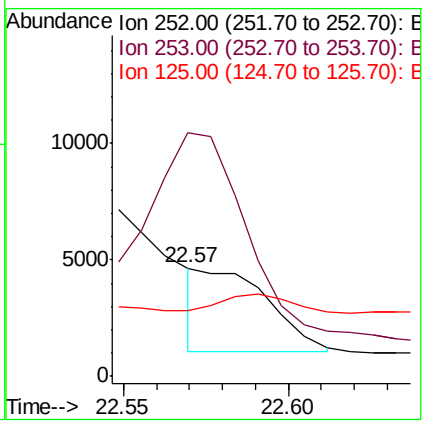
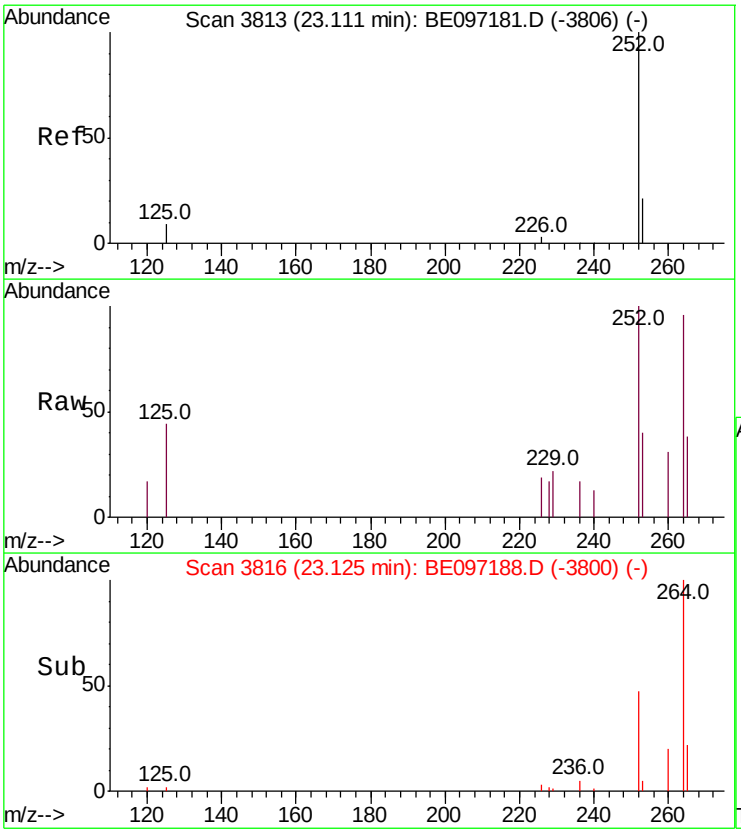
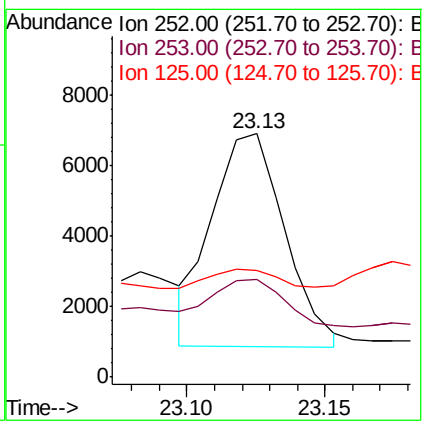


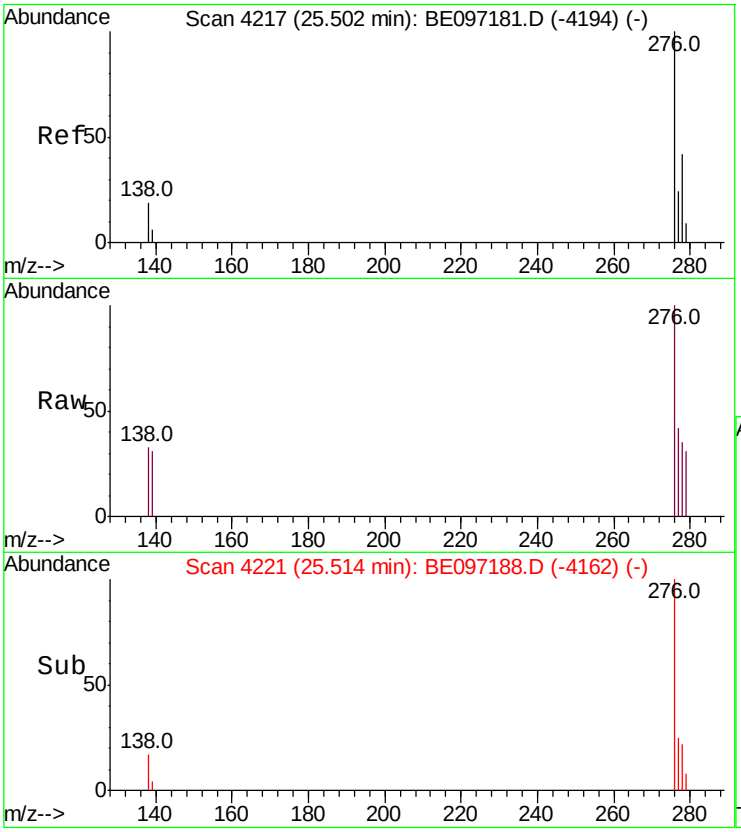


#23
Benzo(a)pyrene
Concen: 0.300 ng/ul m
RT: 23.13 min Scan# 3816
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:252 Resp: 11084

Ion	Ratio	Lower	Upper
252	100		
253	40.2	28.5	42.7
125	43.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul m
RT: 25.51 min Scan# 4221
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:276 Resp: 9137

Ion	Ratio	Lower	Upper
276	100		
138	4.5	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
JJ1J9

Manual Integrations APPROVED
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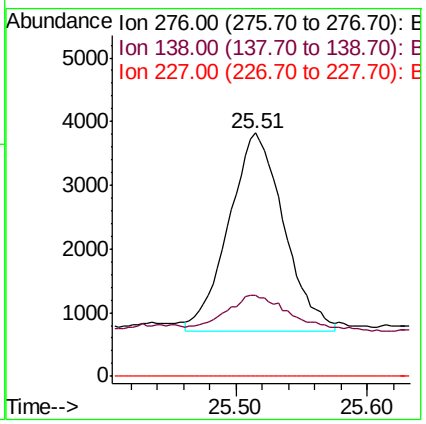
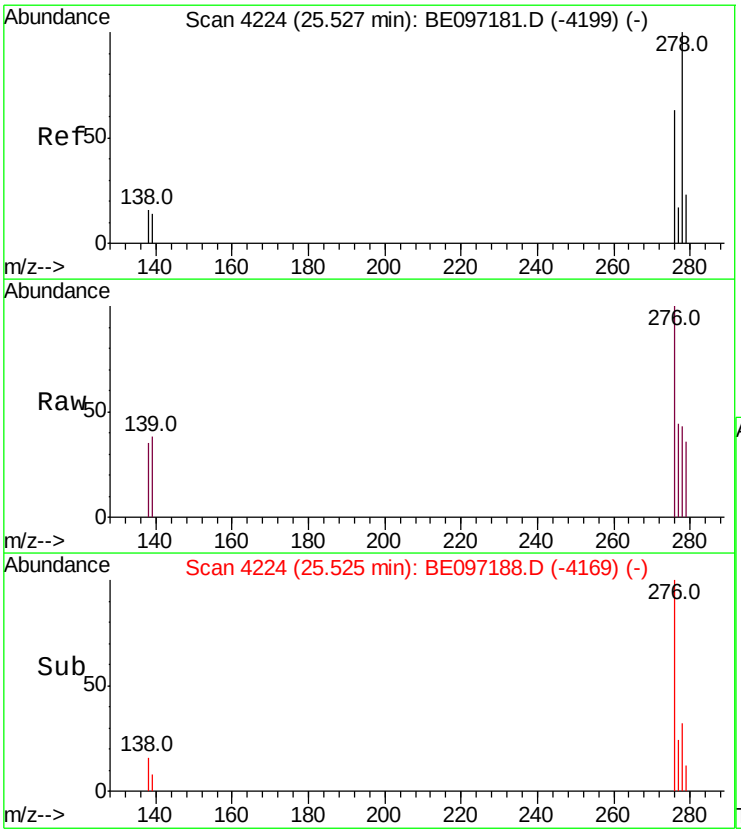
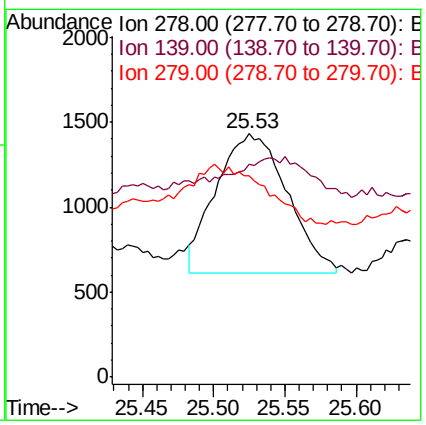


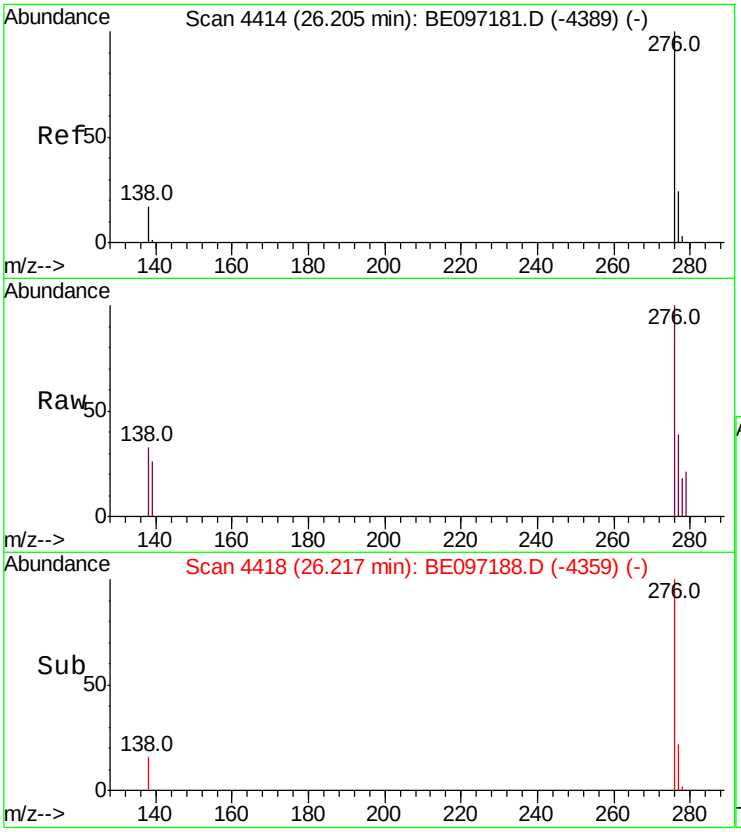


#25
Dibenzo(a,h)anthracene
Concen: 0.075 ng/ul m
RT: 25.53 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:278 Resp: 2851

Ion	Ratio	Lower	Upper
278	100		
139	87.4	17.4	26.0#
279	82.8	25.9	38.9#

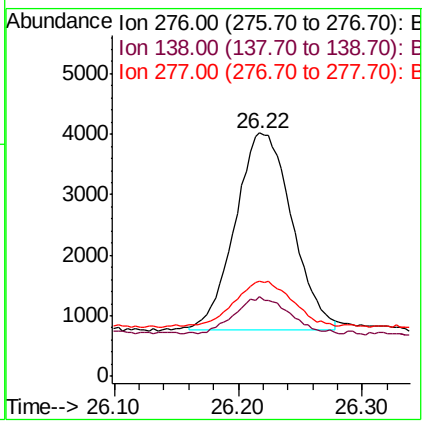




#26
Benzo(g,h,i)perylene
Concen: 0.260 ng/ul m
RT: 26.22 min Scan# 4418
Delta R.T. 0.01 min
Lab File: BE097188.D
Acq: 3 Aug 2018 20:32

Tgt Ion:276 Resp: 10376

Ion	Ratio	Lower	Upper
276	100		
138	32.9	21.8	32.8#
277	39.2	20.5	30.7#



Instrument :
BNA_E
ClientSampleId :
JJ1J9

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