Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097246.D
Acq On : 9 Aug 2018 12:07
Operator : SJ/JU
Sample : J4268-06DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:21 PM

Quant Time: Aug 09 16:19:05 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	1191	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6414	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.02	164	3703	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	8723	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	9126	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10130	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.73	152	443	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1139	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	1668	0.107	ng/ul#	94
5) 2-Methylnaphthalene	11.80	142	849	0.083	ng/ul	99
7) Acenaphthylene	13.73	152	1581	0.099	ng/ul	94
8) Acenaphthene	14.08	153	550	0.047	ng/ul#	90
9) Fluorene	15.07	166	690	0.052	ng/ul#	87
12) Phenanthrene	16.81	178	19547	0.879	ng/ul#	89
13) Anthracene	16.90	178	3367	0.162	ng/ul#	93
15) Fluoranthene	18.84	202	64261	2.186	ng/ul	84
17) Pyrene	19.20	202	60193	2.462	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	30667	1.176	ng/ul#	84
19) Chrysene	21.01	228	39649	1.475	ng/ul	98
21) Benzo(b)fluoranthene	22.53	252	58334m	2.113	ng/ul	
22) Benzo(k)fluoranthene	22.58	252	17089m	0.574	ng/ul	
23) Benzo(a)pyrene	23.11	252	36787	1.332	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	29377	0.850	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.51	278	6638	0.235	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	28889	0.967	ng/ul#	91

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Manual Integrations APPROVED
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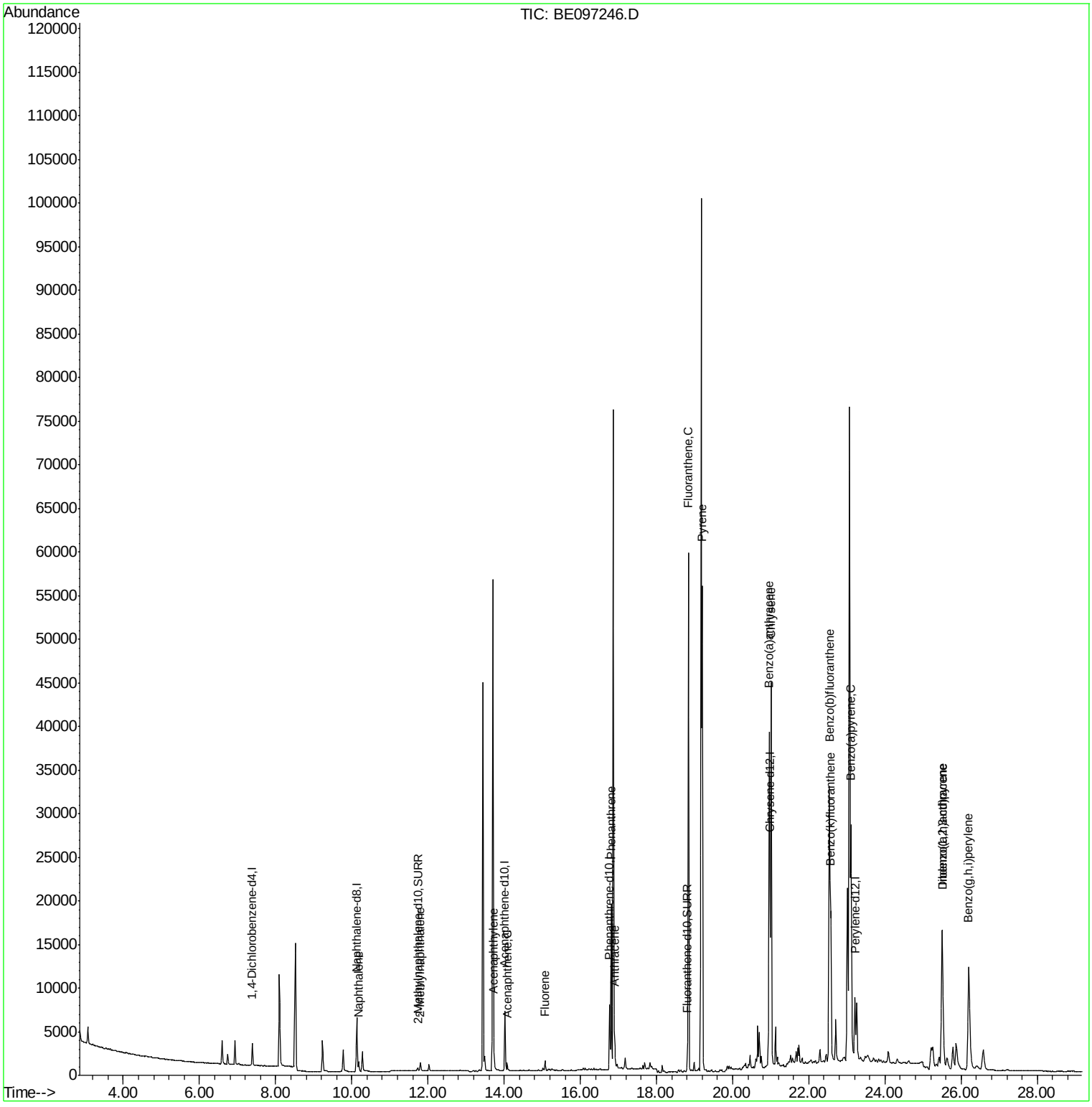

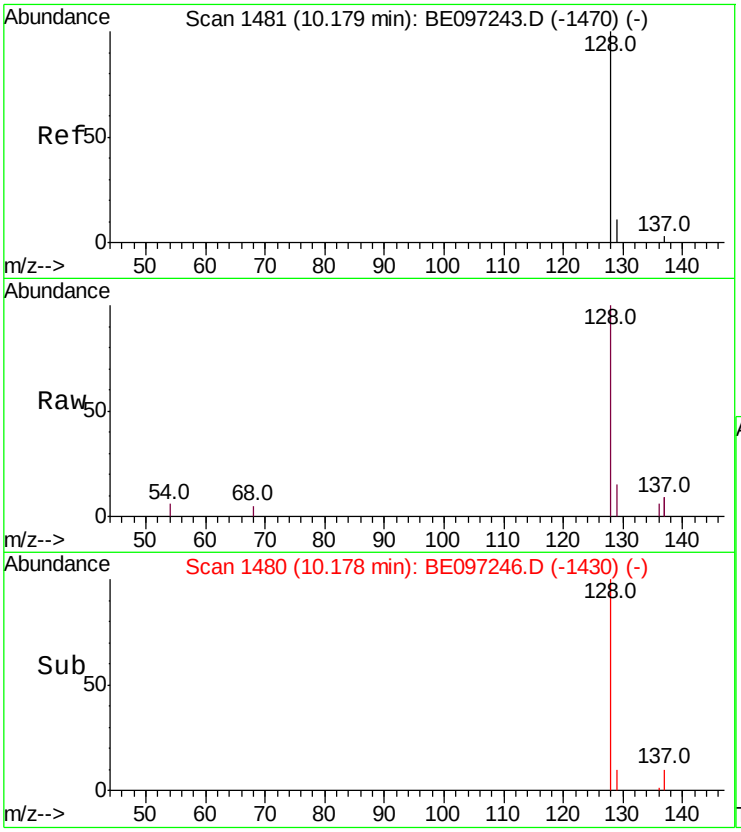

#3
Naphthalene
Concen: 0.107 ng/ul
RT: 10.18 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:128 Resp: 1668

Ion	Ratio	Lower	Upper
128	100		
129	15.0	11.3	16.9
127	0.0	4.0	6.0#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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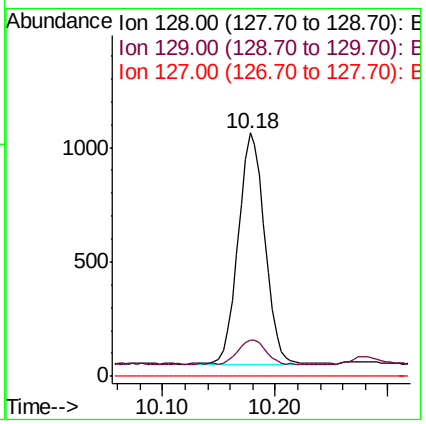
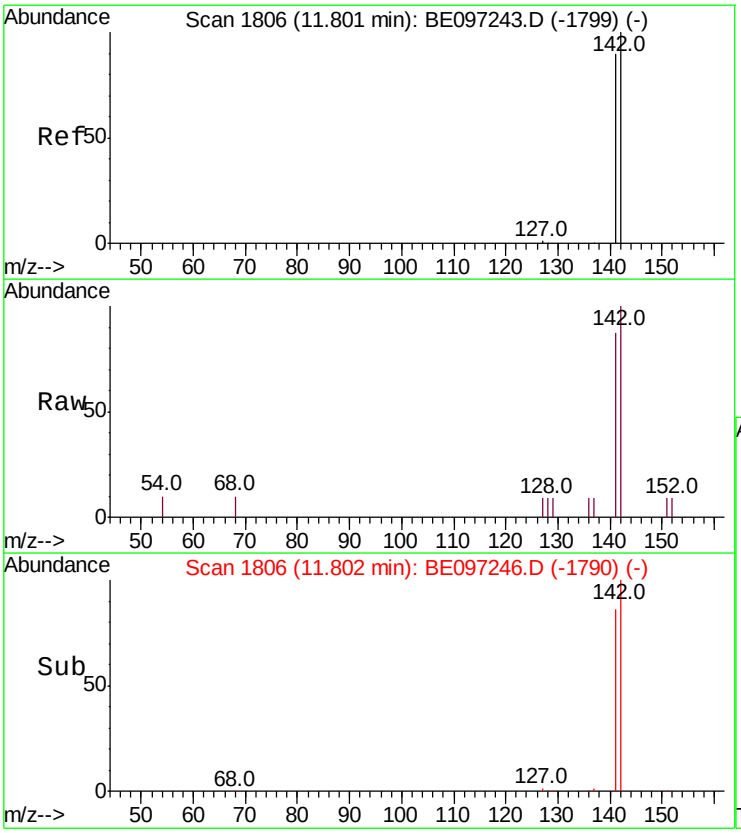
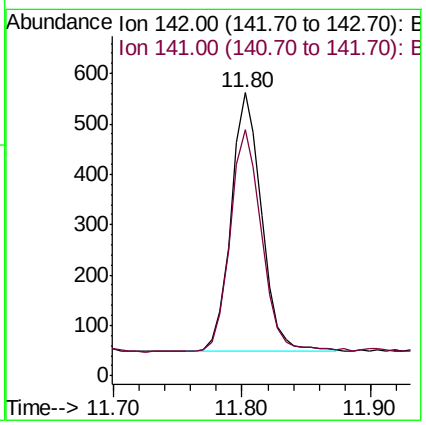


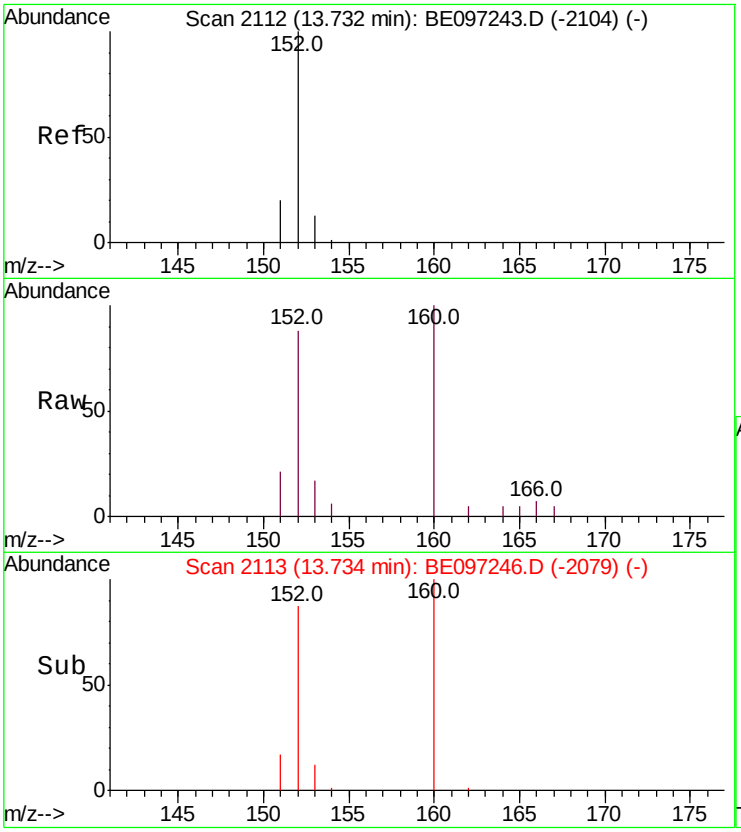


#5
2-Methylnaphthalene
Concen: 0.083 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:142 Resp: 849

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

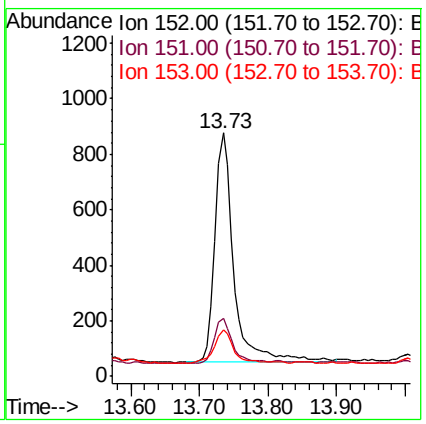




#7
Acenaphthylene
Concen: 0.099 ng/ul
RT: 13.73 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:152 Resp: 1581

Ion	Ratio	Lower	Upper
152	100		
151	23.9	17.1	25.7
153	18.9	12.8	19.2



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

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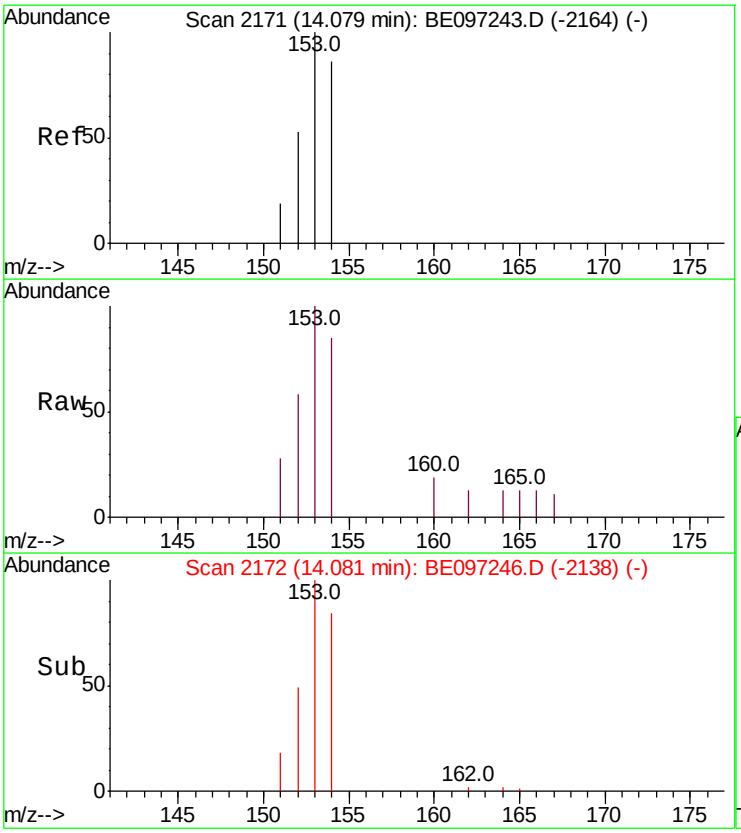
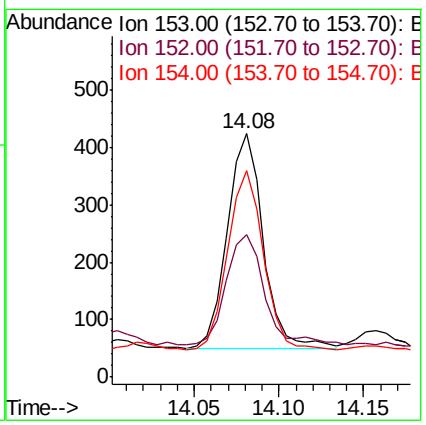
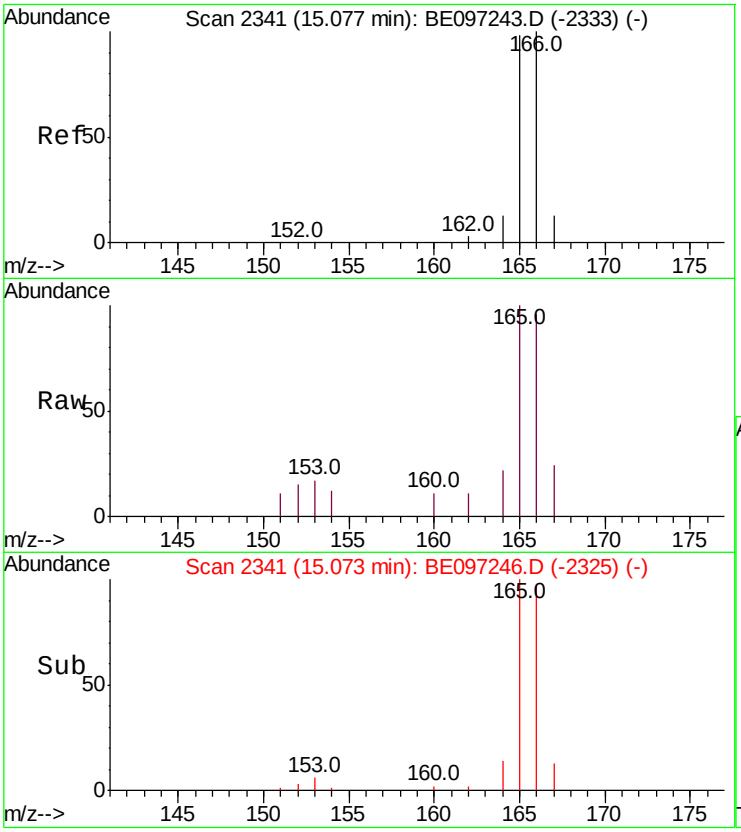


#8
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.08 min Scan# 2172
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:153 Resp: 550

Ion	Ratio	Lower	Upper
153	100		
152	58.5	36.0	54.0#
154	84.9	72.0	108.0

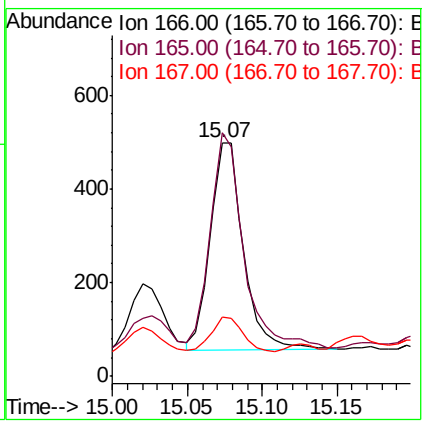




#9
Fluorene
Concen: 0.052 ng/ul
RT: 15.07 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:166 Resp: 690

Ion	Ratio	Lower	Upper
166	100		
165	104.2	73.4	110.2
167	25.1	14.6	22.0#



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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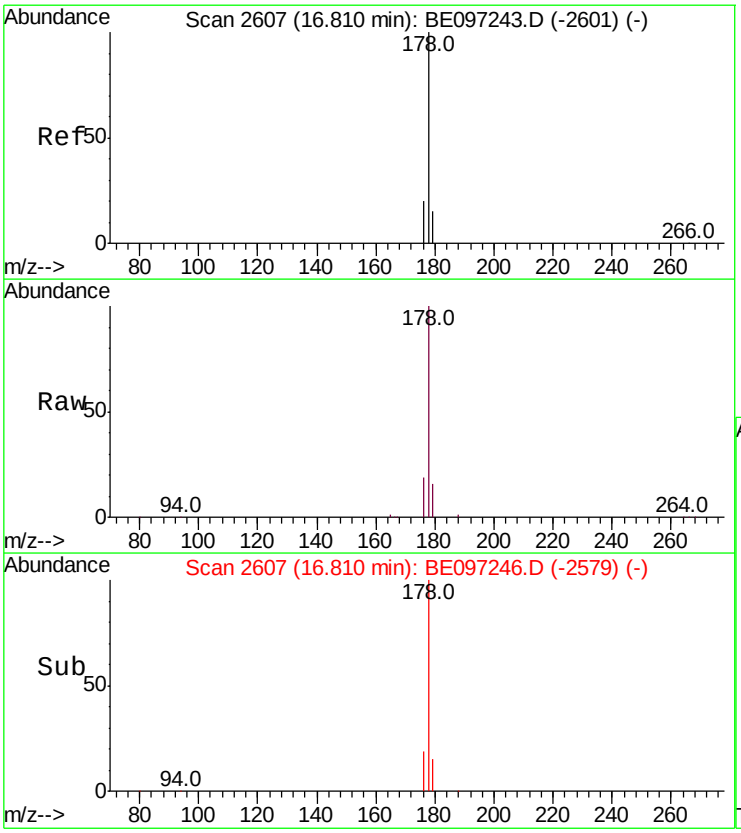
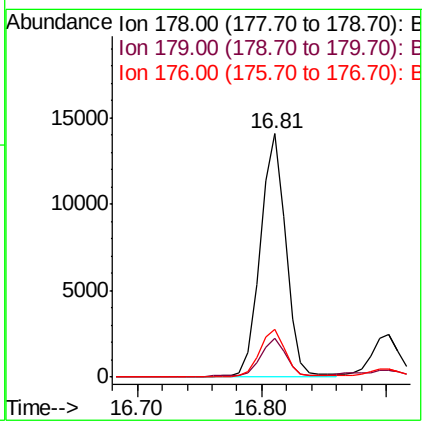
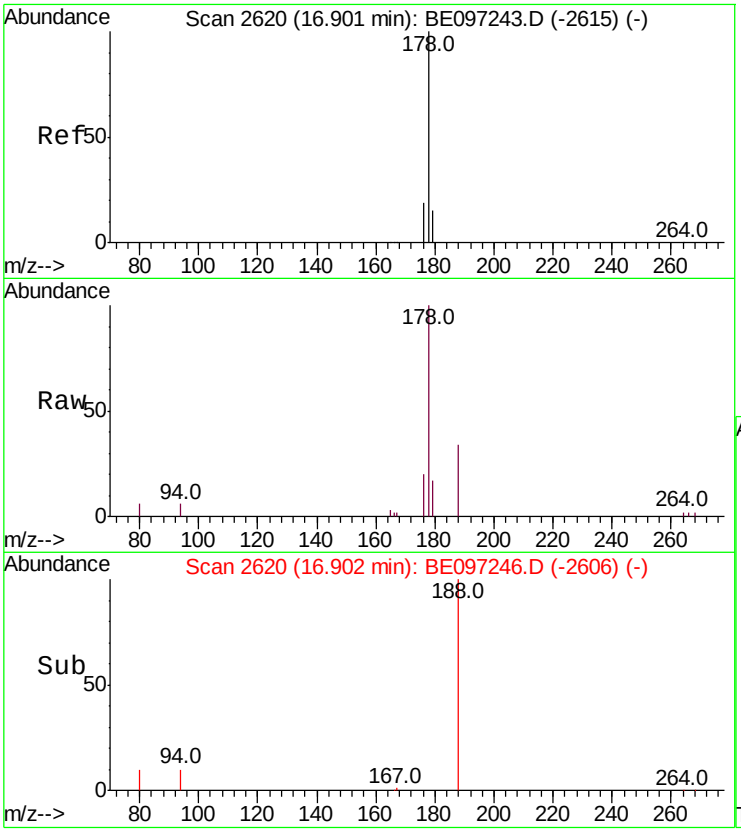


#12
Phenanthrene
Concen: 0.879 ng/ul
RT: 16.81 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:178 Resp: 19547

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.4	13.6	20.4

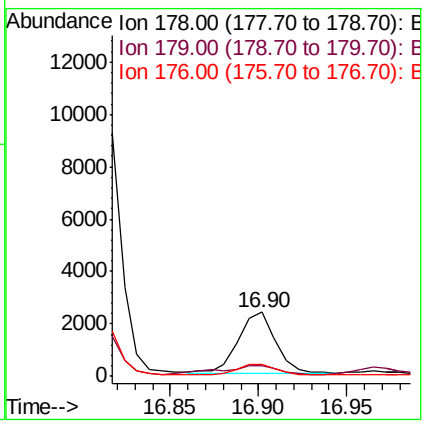




#13
Anthracene
Concen: 0.162 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:178 Resp: 3367

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.1	27.1#
176	19.6	14.7	22.1



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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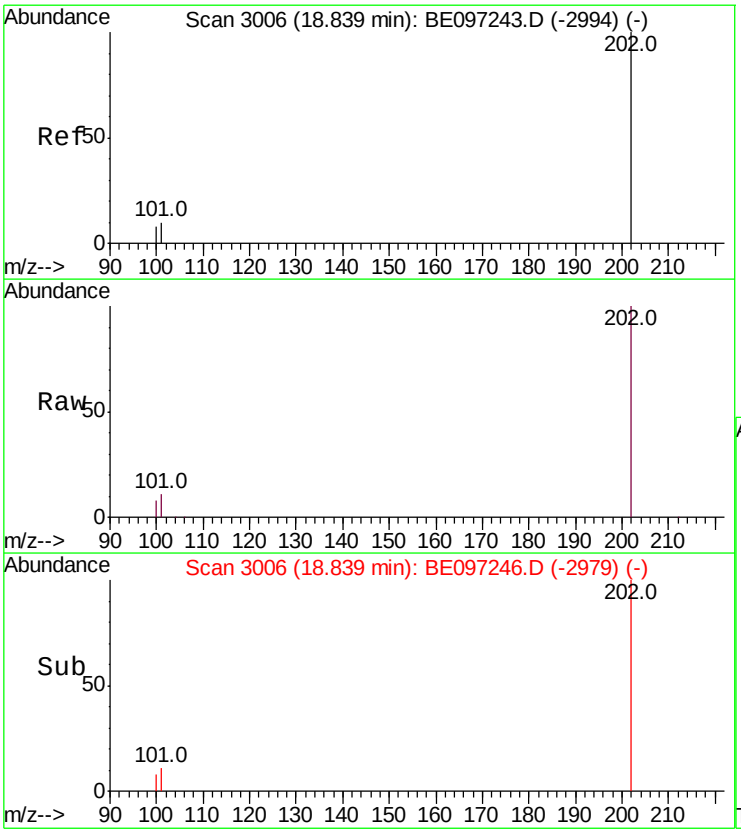
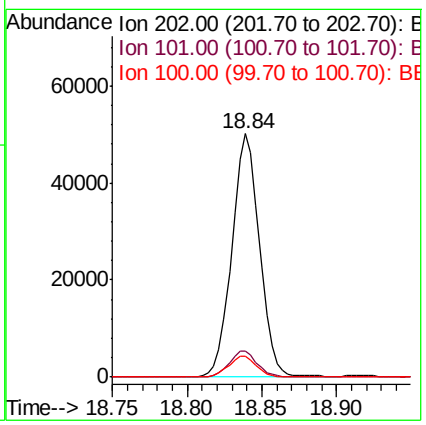
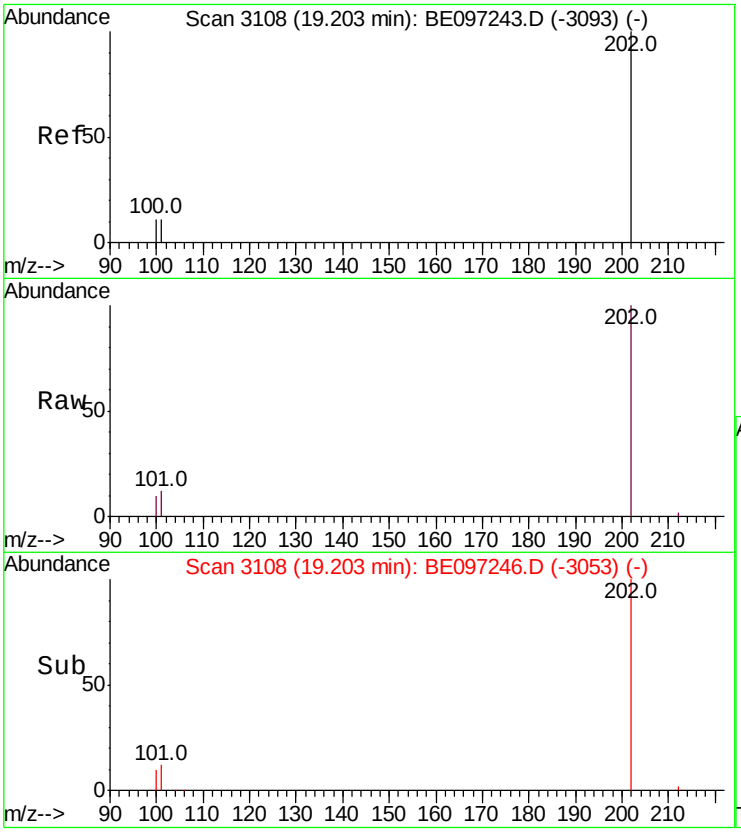


#15
Fluoranthene
Concen: 2.186 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:202 Resp: 64261

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.3
100	8.4	0.0	39.5





#17
Pyrene
Concen: 2.462 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:202 Resp: 60193

Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.2	15.6	23.4#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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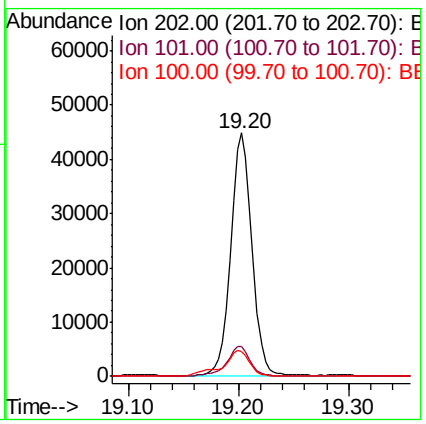
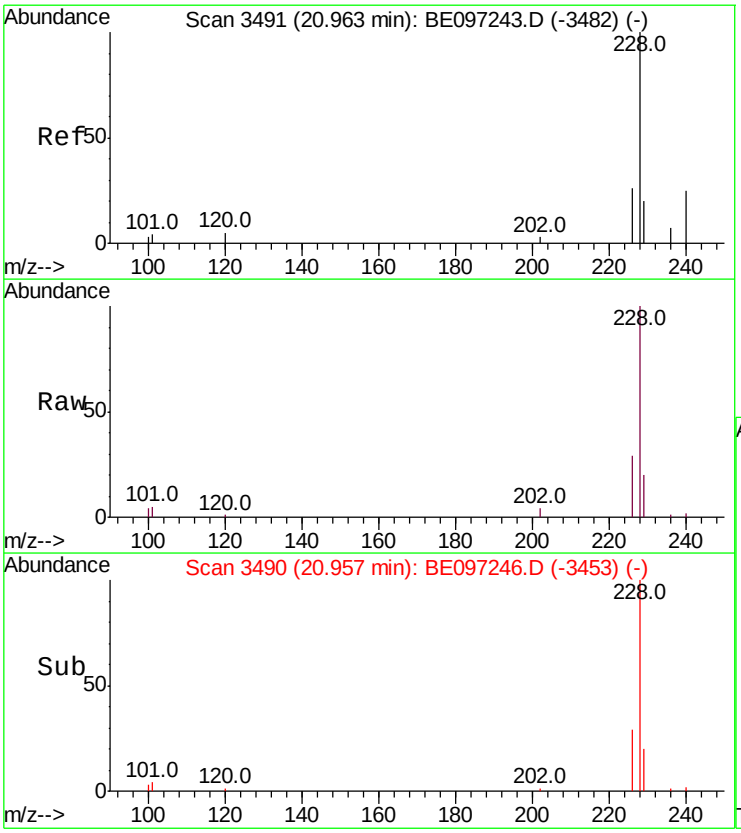
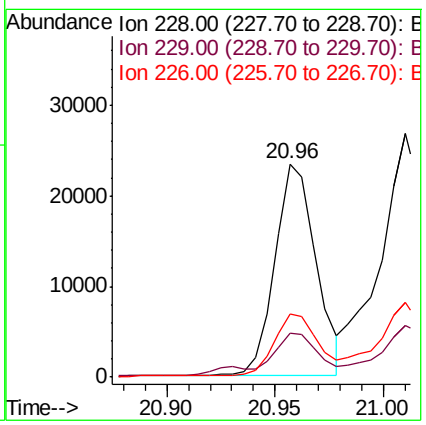


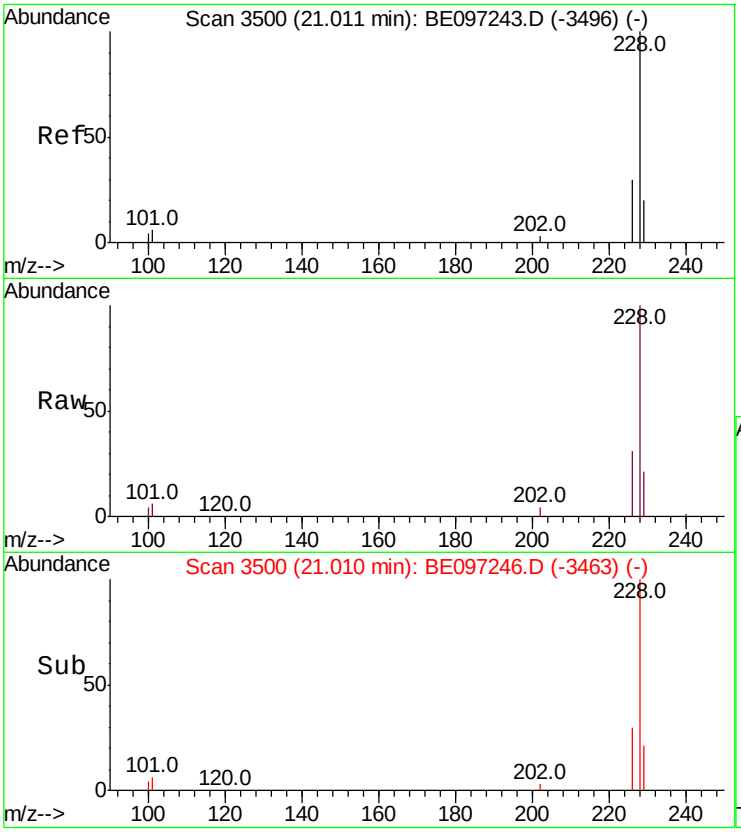


#18
Benzo(a)anthracene
Concen: 1.176 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:228 Resp: 30667

Ion	Ratio	Lower	Upper
228	100		
229	20.5	22.8	34.2#
226	29.4	17.0	25.6#

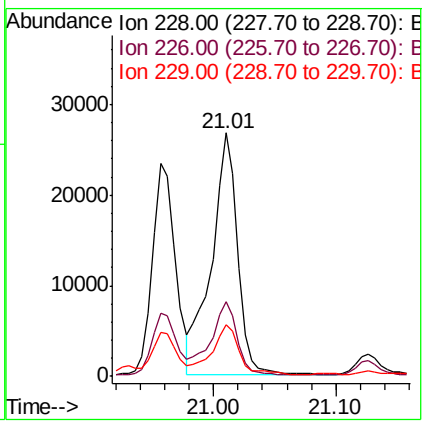




#19
Chrysene
Concen: 1.475 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:228 Resp: 39649

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.0
229	21.3	17.7	26.5



Instrument :
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Manual Integrations APPROVED
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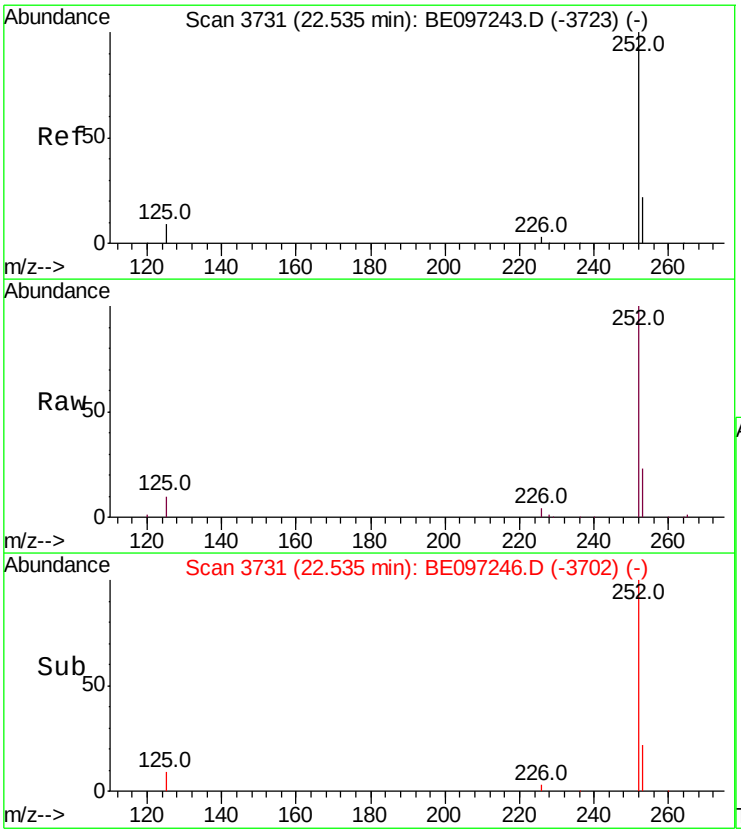
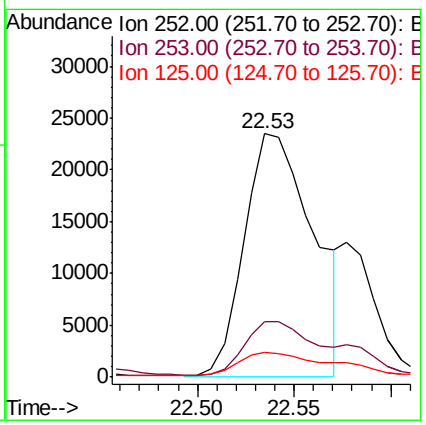
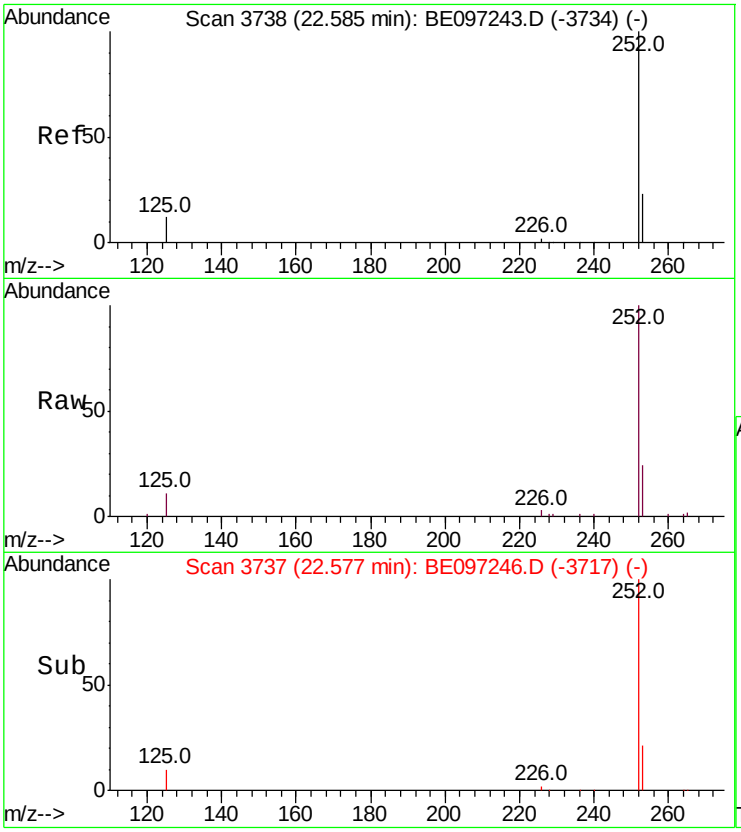


#21
Benzo(b)fluoranthene
Concen: 2.113 ng/ul m
RT: 22.53 min Scan# 3731
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:252 Resp: 58334

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	64.2
125	10.1	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 0.574 ng/ul m
RT: 22.58 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:252 Resp: 17089

Ion	Ratio	Lower	Upper
252	100		
253	23.7	24.5	36.7#
125	10.9	13.7	20.5#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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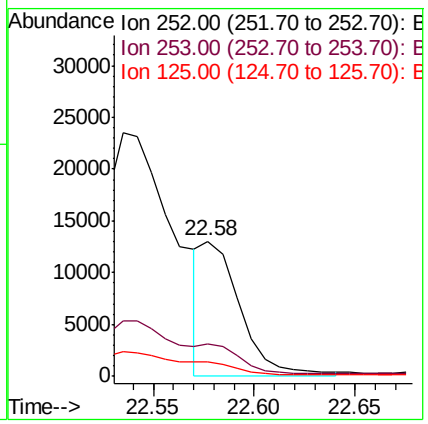
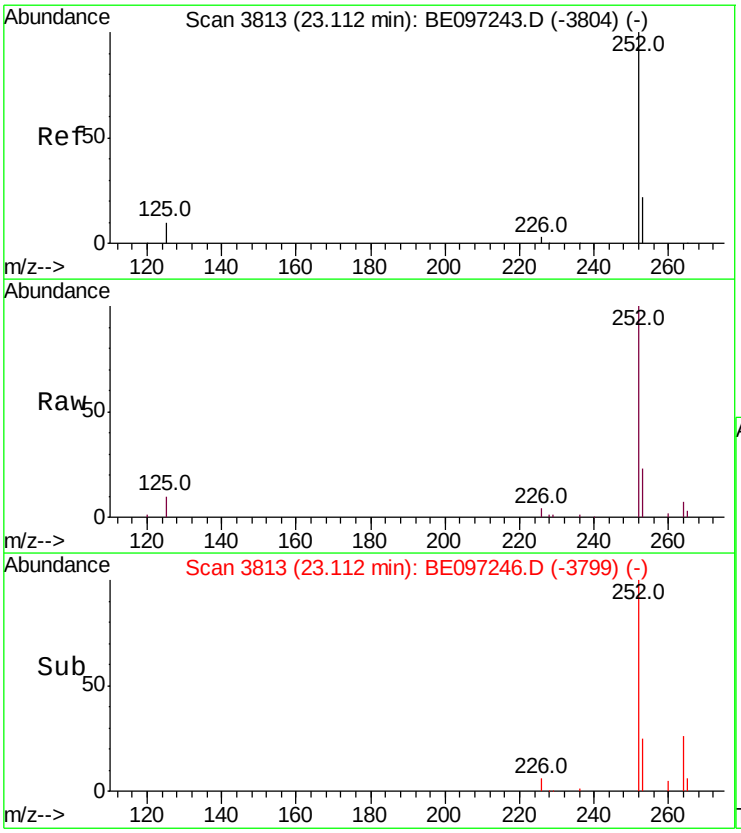
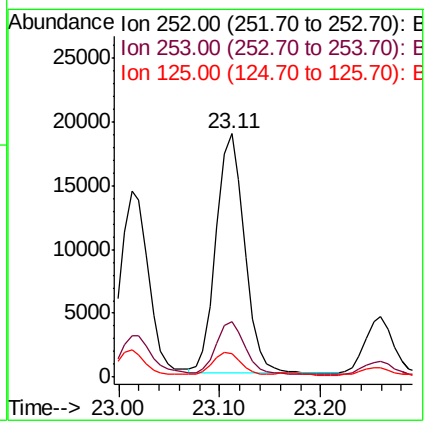


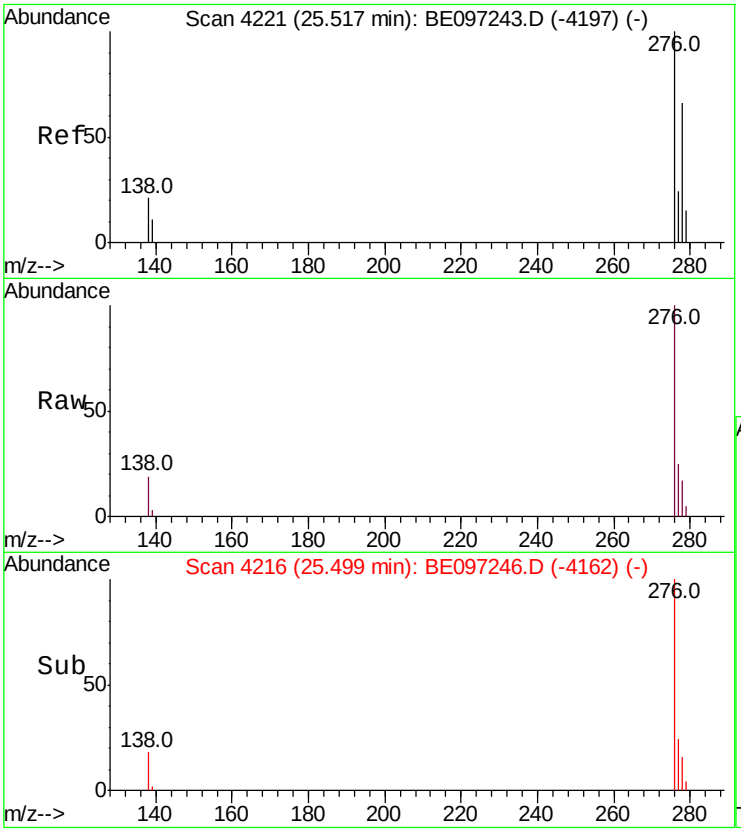


#23
Benzo(a)pyrene
Concen: 1.332 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.00 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:252 Resp: 36787

Ion	Ratio	Lower	Upper
252	100		
253	23.0	28.5	42.7#
125	9.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.850 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. -0.01 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:276 Resp: 29377

Ion	Ratio	Lower	Upper
276	100		
138	17.8	28.0	42.0#
227	0.0	8.0	12.0#

Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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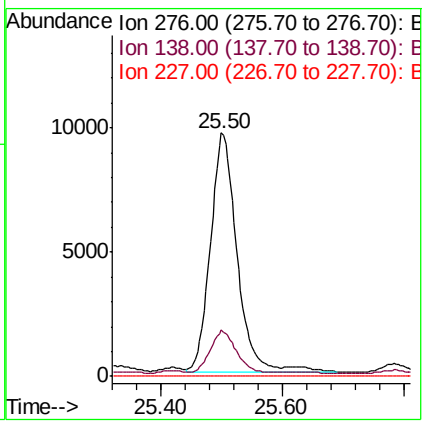
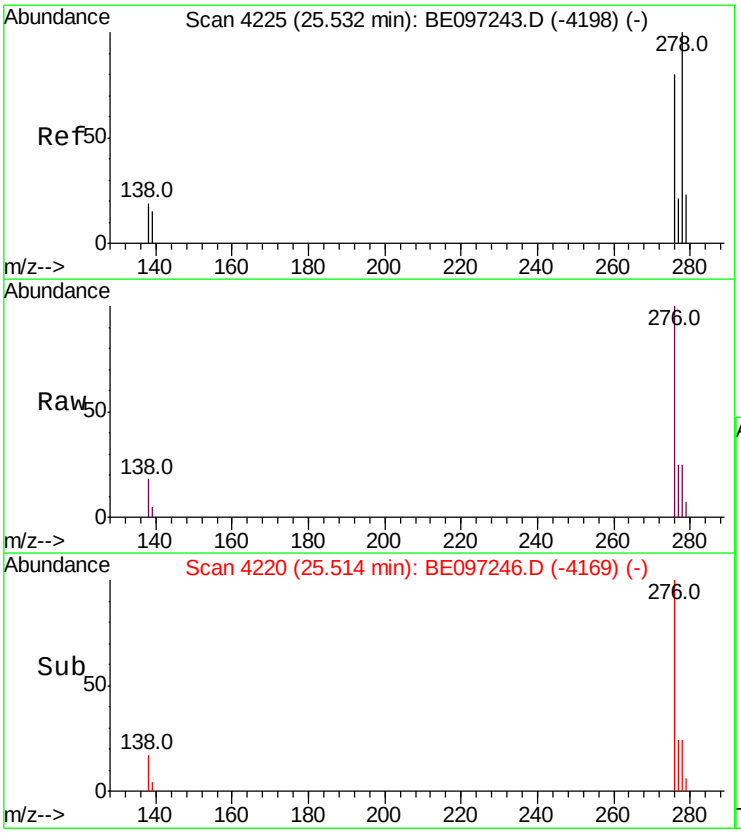
8/10/2018 2:50:21 PM

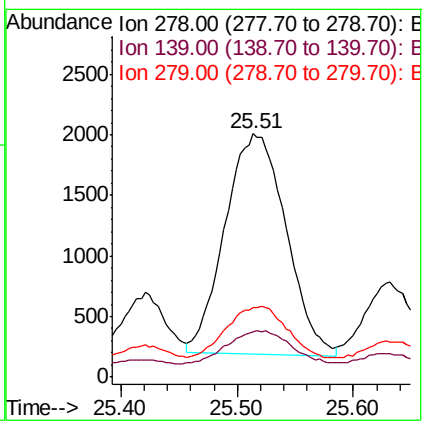


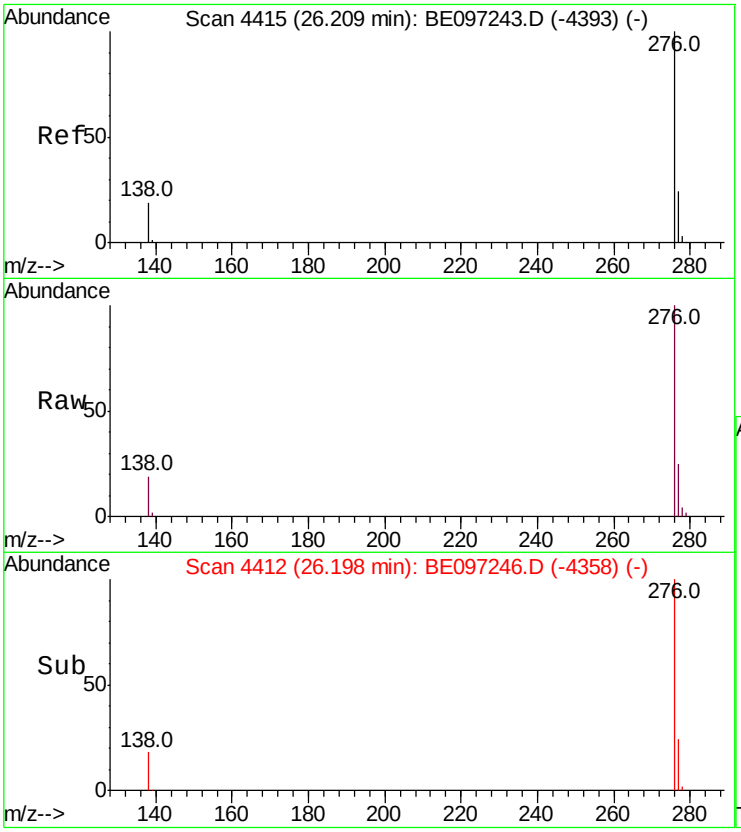


#25
Dibenzo(a,h)anthracene
Concen: 0.235 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. -0.02 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:278 Resp: 6638

Ion	Ratio	Lower	Upper
278	100		
139	18.5	17.4	26.0
279	28.3	25.9	38.9

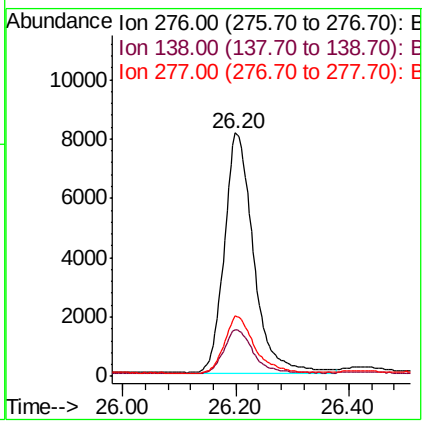




#26
Benzo(g,h,i)perylene
Concen: 0.967 ng/ul
RT: 26.20 min Scan# 4412
Delta R.T. -0.01 min
Lab File: BE097246.D
Acq: 9 Aug 2018 12:07

Tgt Ion:276 Resp: 28889

Ion	Ratio	Lower	Upper
276	100		
138	19.3	21.8	32.8#
277	24.7	20.5	30.7



Instrument :
BNA_E
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
Sohil
8/10/2018 2:50:21 PM