Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
Data File : BE097891.D
Acq On : 12 Oct 2018 22:30
Operator : SJ/JU
Sample : J5183-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 13 04:02:03 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10243	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	17320m	0.40	ng/ul	0.00
16) Chrysene-d12	21.50	240	16753m	0.40	ng/ul	0.00
20) Perylene-d12	24.07	264	17094m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1149	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.35	212	3100m	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.75	128	7771	0.312	ng/ul	96
5) 2-Methylnaphthalene	12.37	142	4284	0.238	ng/ul	99
7) Acenaphthylene	14.28	152	11120	0.416	ng/ul	96
8) Acenaphthene	14.62	153	5252	0.253	ng/ul	98
9) Fluorene	15.61	166	7250	0.268	ng/ul	97
11) Pentachlorophenol	16.98	266	750m	0.307	ng/ul	
12) Phenanthrene	17.35	178	125979m	3.072	ng/ul	
13) Anthracene	17.44	178	22824m	0.601	ng/ul	
15) Fluoranthene	19.38	202	286721m	5.445	ng/ul	
17) Pyrene	19.74	202	300184	6.015	ng/ul	98
18) Benzo(a)anthracene	21.49	228	162472m	3.208	ng/ul	
19) Chrysene	21.54	228	280023	6.153	ng/ul	96
21) Benzo(b)fluoranthene	23.29	252	417878m	9.147	ng/ul	
22) Benzo(k)fluoranthene	23.34	252	114215m	2.336	ng/ul	
23) Benzo(a)pyrene	23.96	252	172449m	3.845	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.80	276	226787m	4.454	ng/ul	
25) Dibenzo(a,h)anthracene	26.82	278	59553m	1.415	ng/ul	
26) Benzo(g,h,i)perylene	27.64	276	251890m	5.677	ng/ul	

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

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ClientSampleId :
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Manual Integrations APPROVED
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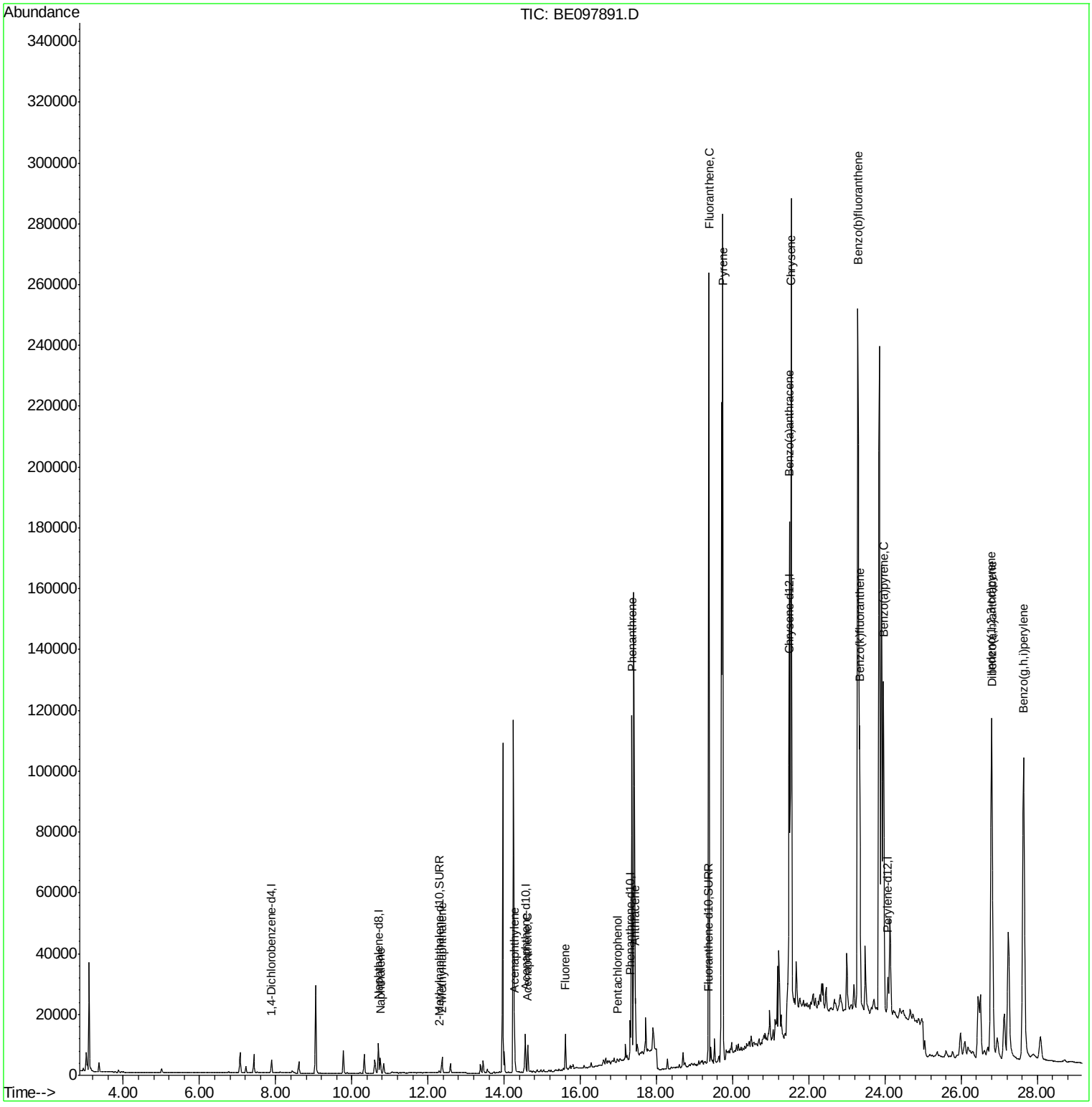
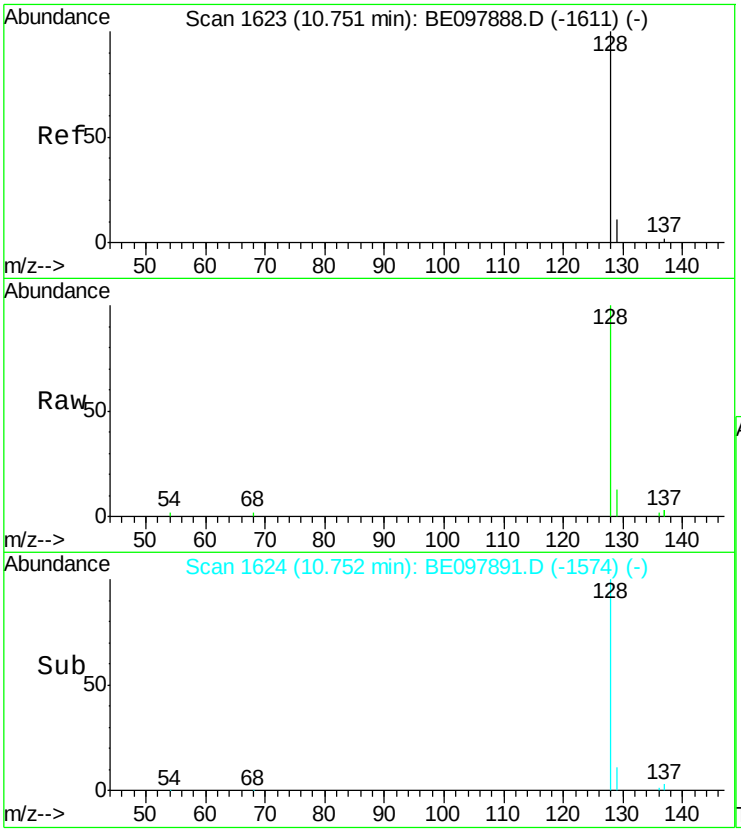
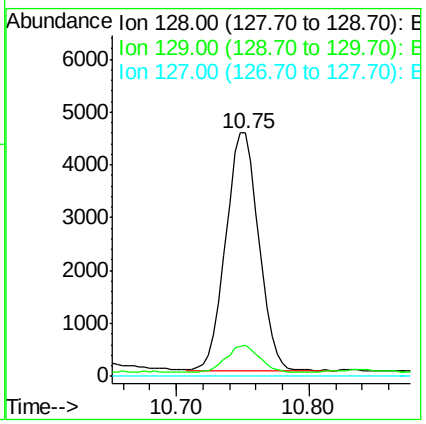




#3
Naphthalene
Concen: 0.312 ng/ul
RT: 10.75 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:128 Resp: 7771

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
JLC32DL

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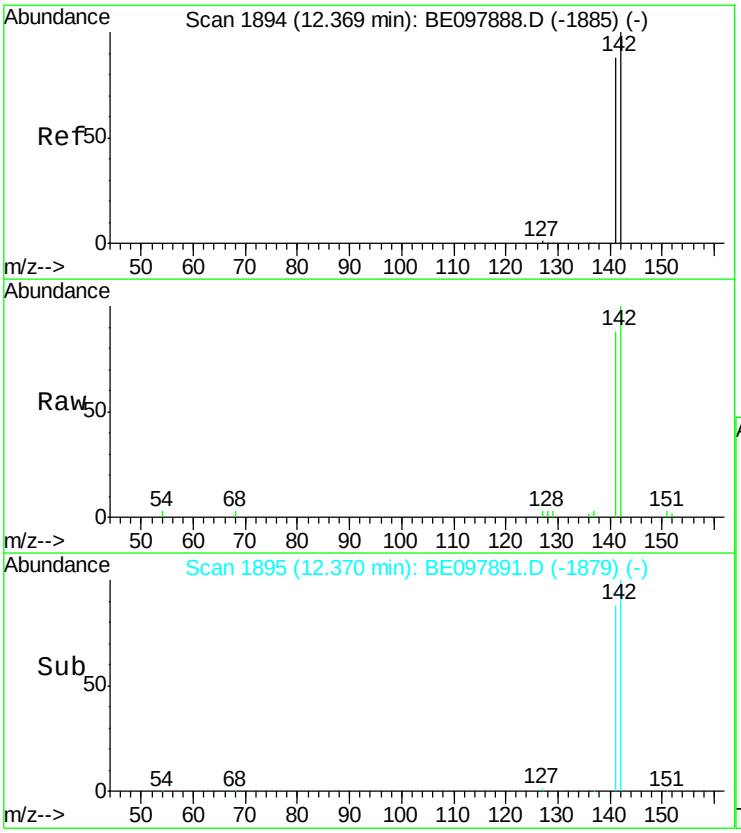
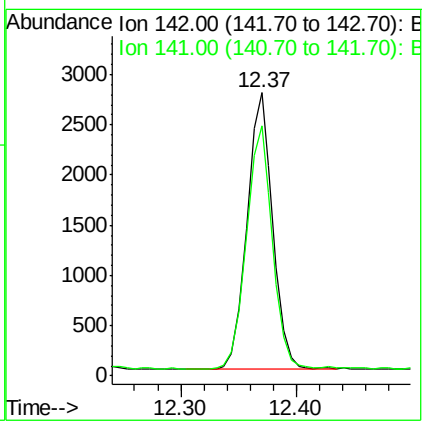
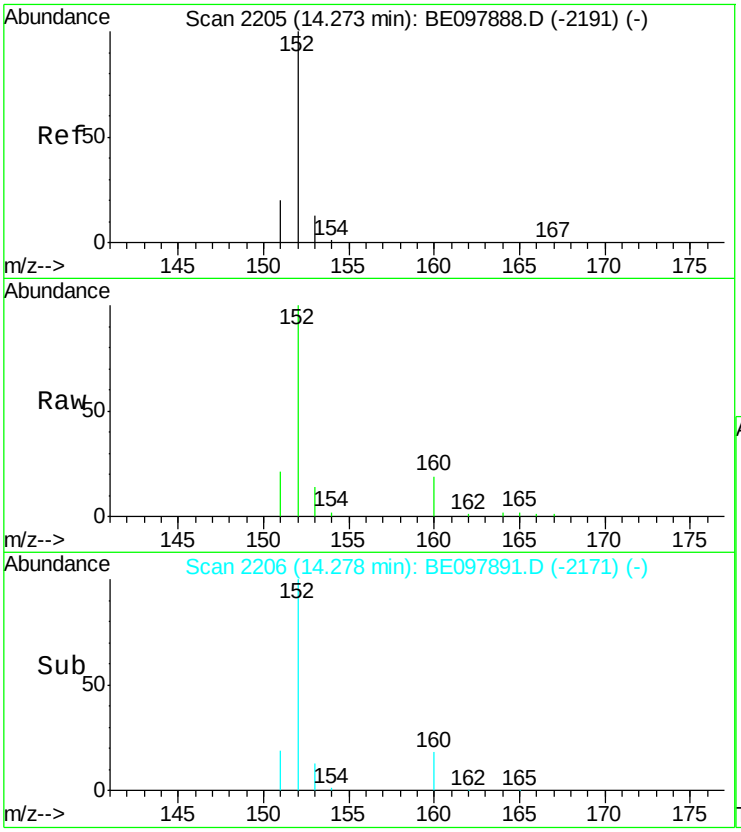


#5
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.37 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:142 Resp: 4284

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4

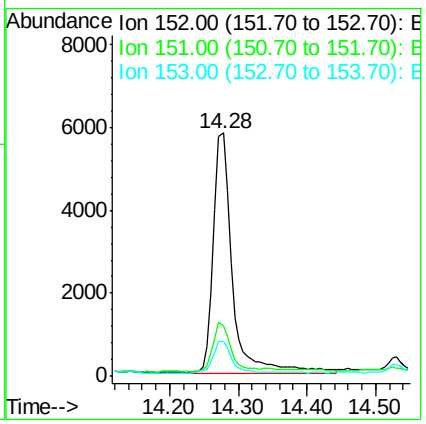




#7
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.28 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:152 Resp: 11120

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.0	22.6
153	14.2	10.5	15.7



Instrument :
BNA_E
ClientSampleId :
JLC32DL

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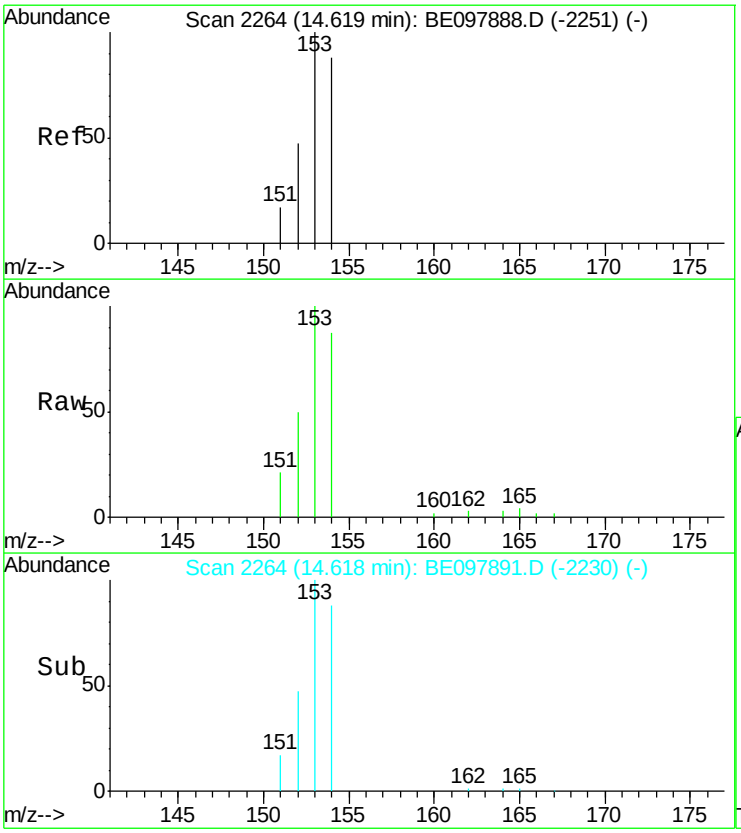
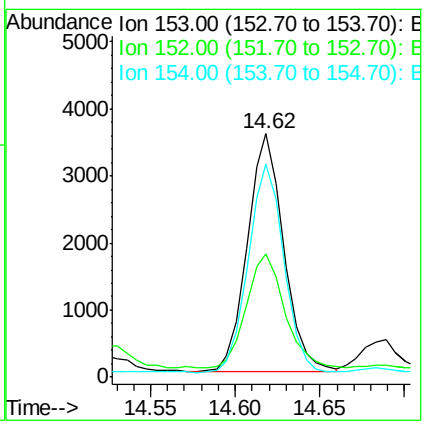
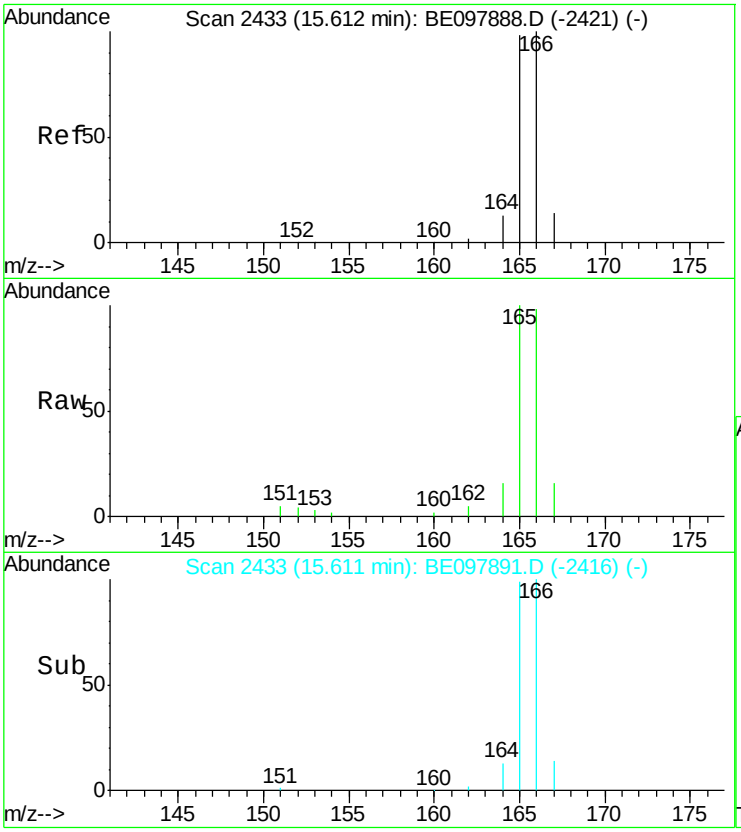


#8
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.62 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:153 Resp: 5252

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.2	61.8
154	87.4	68.6	103.0

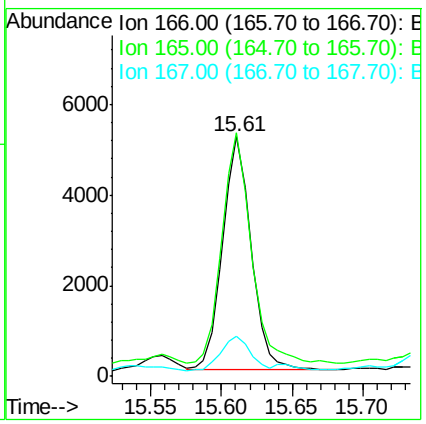




#9
Fluorene
Concen: 0.268 ng/ul
RT: 15.61 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:166 Resp: 7250

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.2	118.8
167	16.5	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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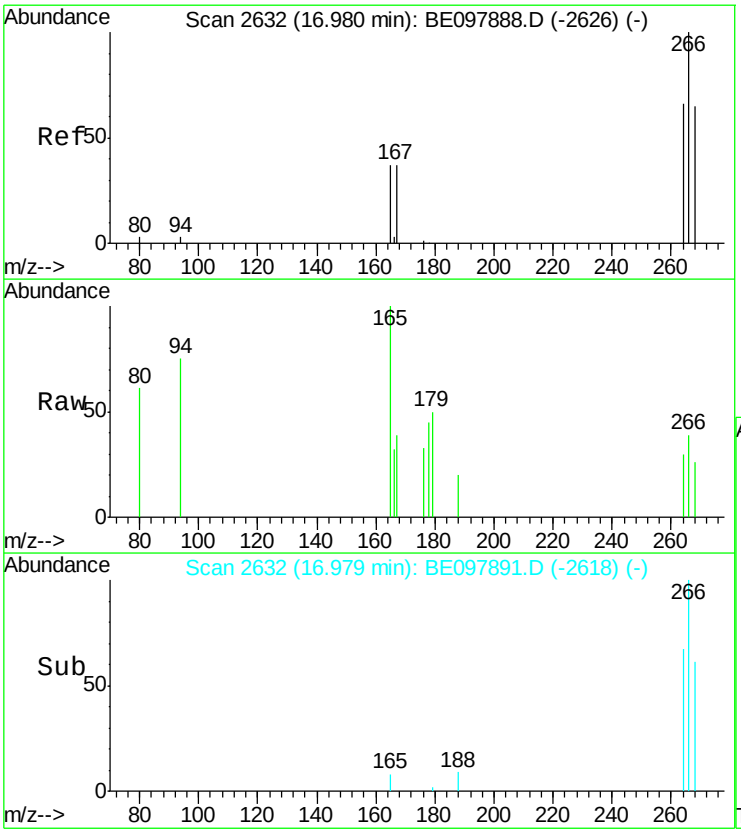
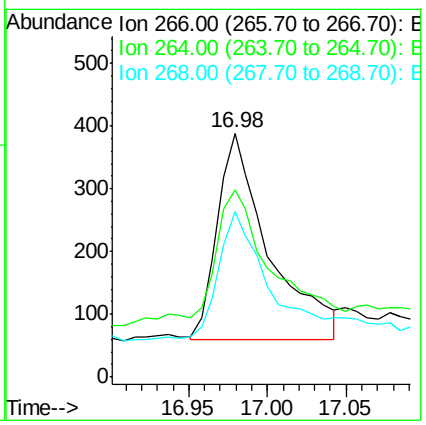
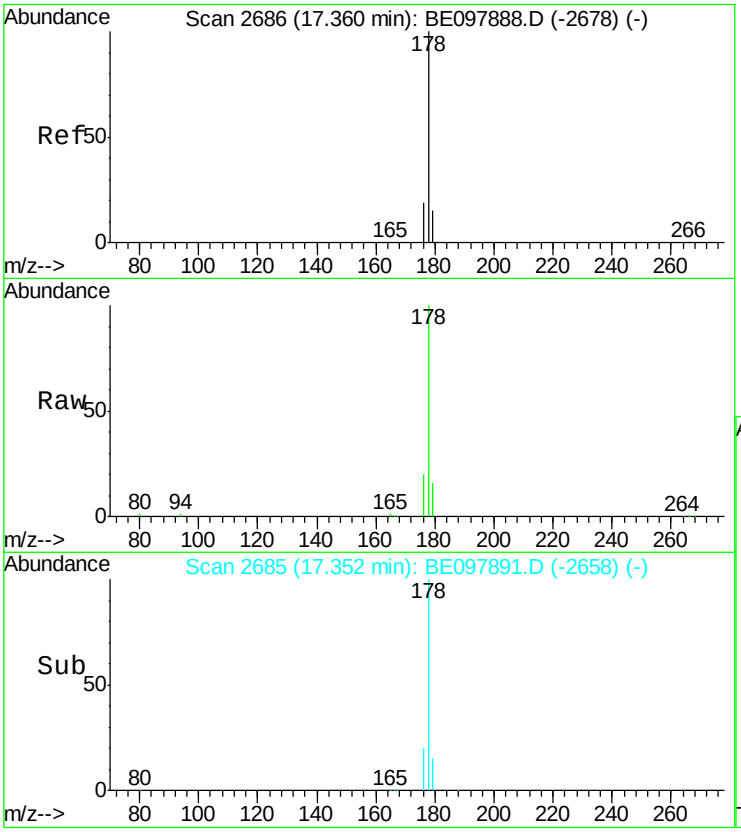


#11
Pentachlorophenol
Concen: 0.307 ng/ul m
RT: 16.98 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:266 Resp: 750

Ion	Ratio	Lower	Upper
266	100		
264	2.1	49.8	74.8#
268	0.0	48.4	72.6#

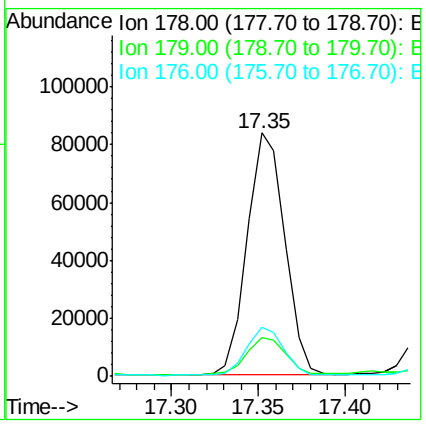




#12
Phenanthrene
Concen: 3.072 ng/ul m
RT: 17.35 min Scan# 2685
Delta R.T. -0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:178 Resp: 125979

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.0	14.9	22.3



Instrument :
BNA_E
ClientSampleId :
JLC32DL

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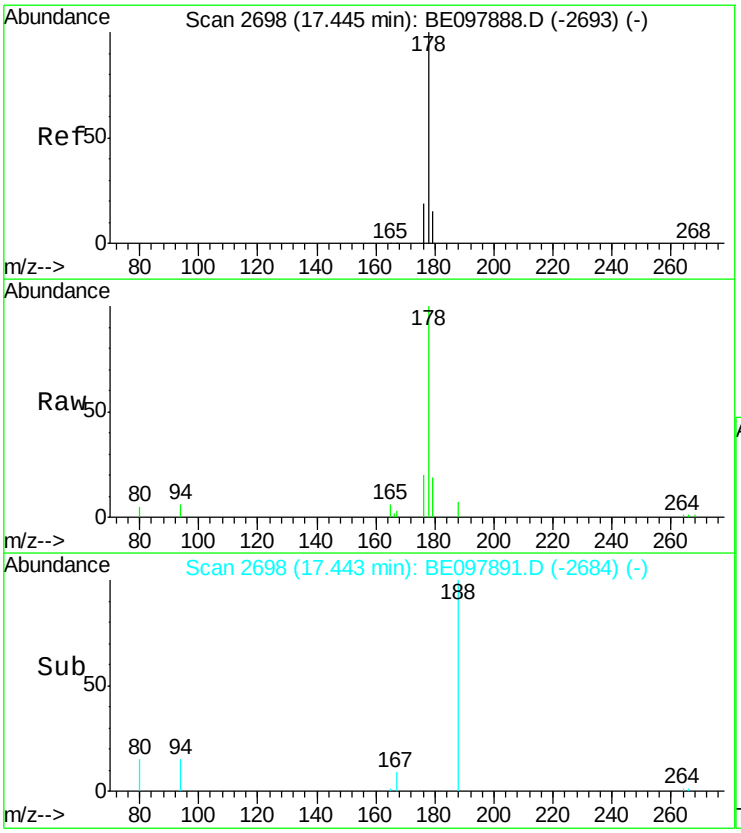
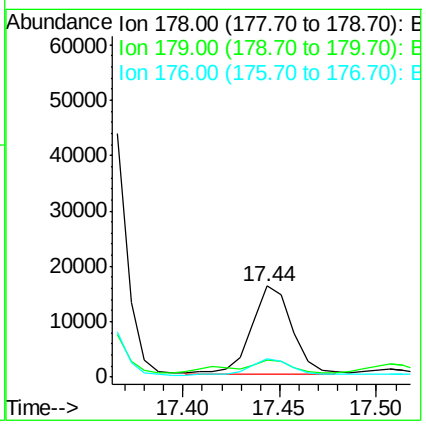
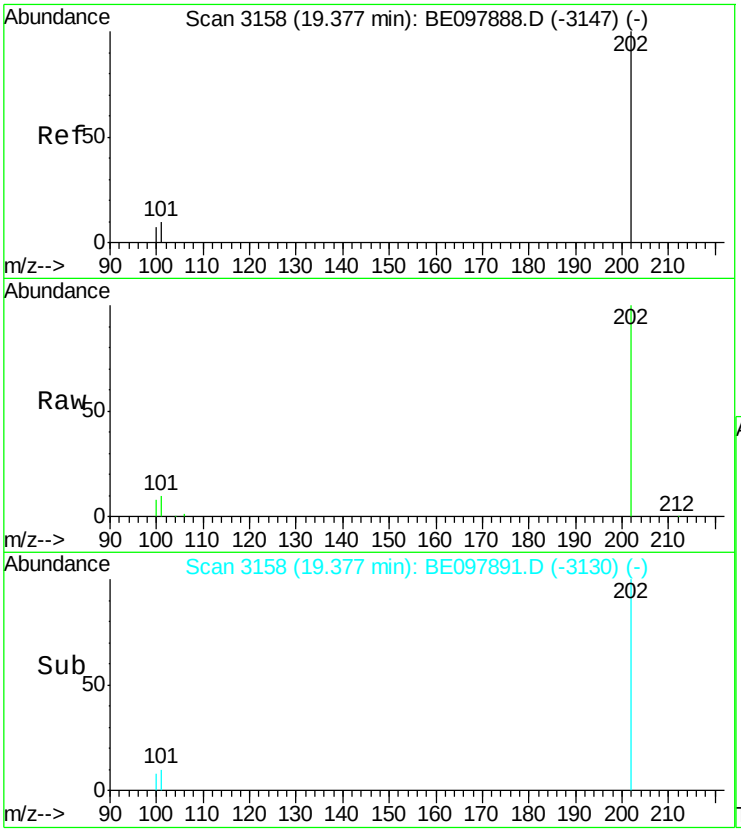


#13
Anthracene
Concen: 0.601 ng/ul m
RT: 17.44 min Scan# 2698
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:178 Resp: 22824

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.9	19.3
176	20.2	15.5	23.3

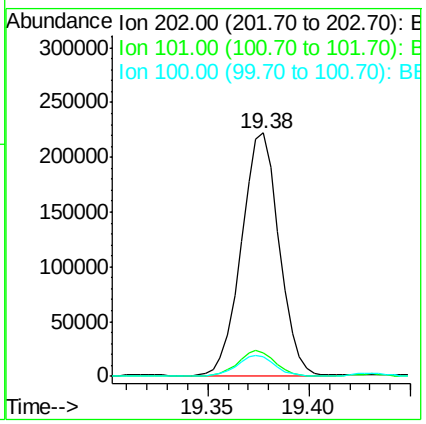




#15
Fluoranthene
Concen: 5.445 ng/ul m
RT: 19.38 min Scan# 3158
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:202 Resp: 286721

Ion	Ratio	Lower	Upper
202	100		
101	9.9	0.0	29.3
100	7.8	0.0	27.5



Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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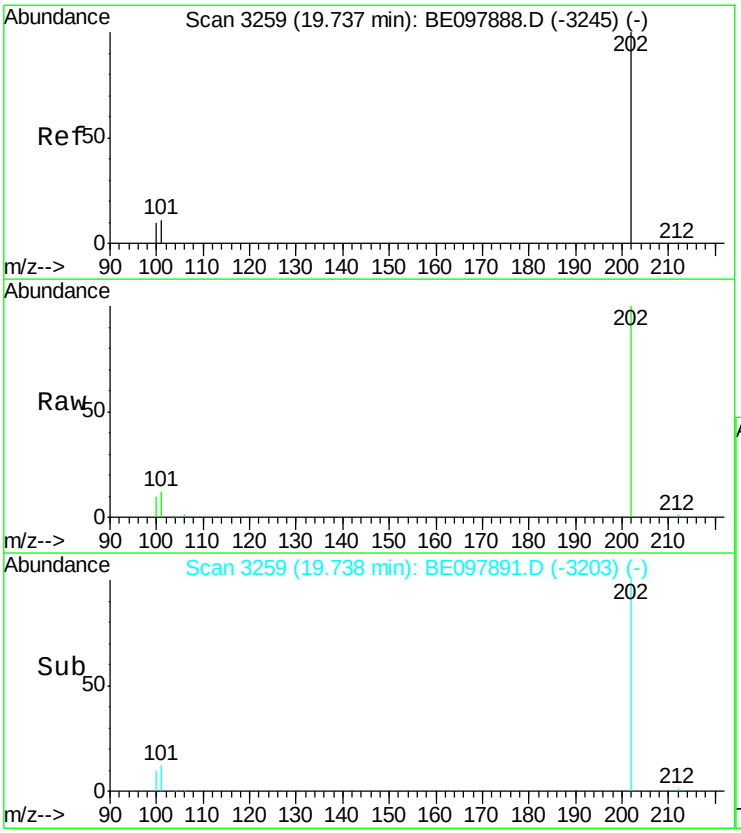
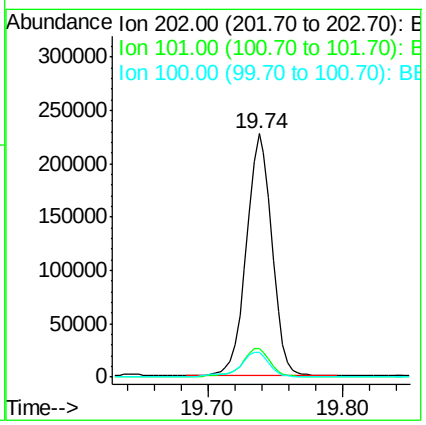
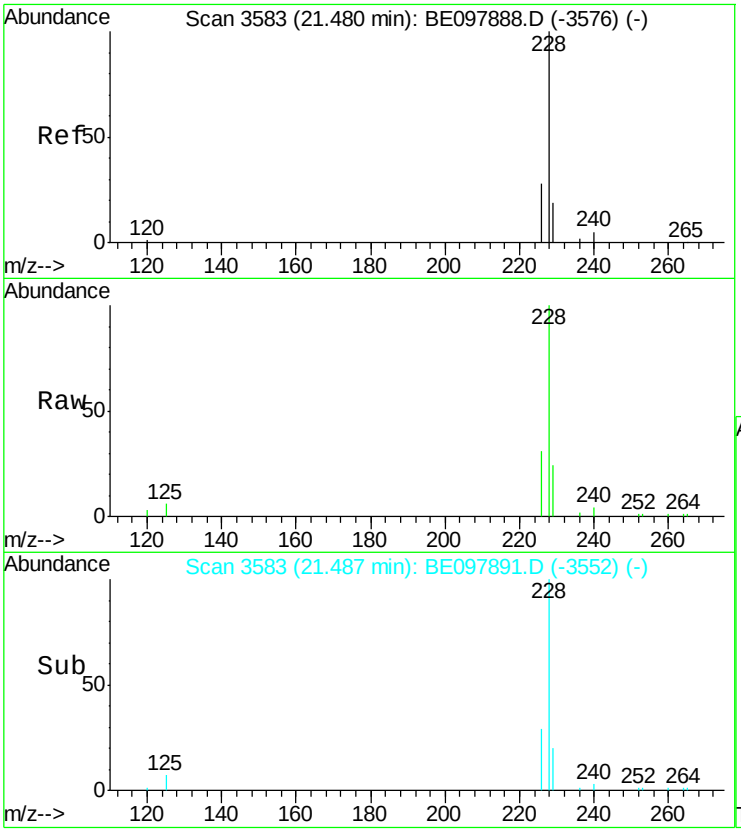


#17
Pyrene
Concen: 6.015 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:202 Resp: 300184

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	10.3	7.9	11.9

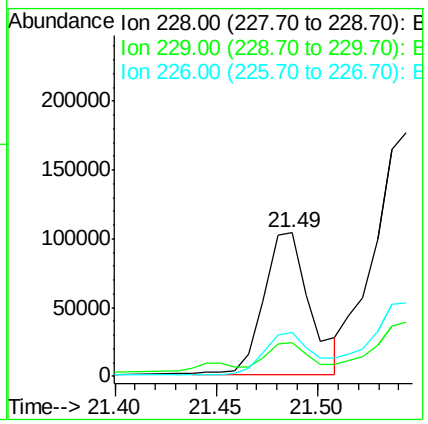




#18
Benzo(a)anthracene
Concen: 3.208 ng/ul m
RT: 21.49 min Scan# 3583
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:228 Resp: 162472

Ion	Ratio	Lower	Upper
228	100		
229	23.6	16.4	24.6
226	30.5	21.5	32.3



Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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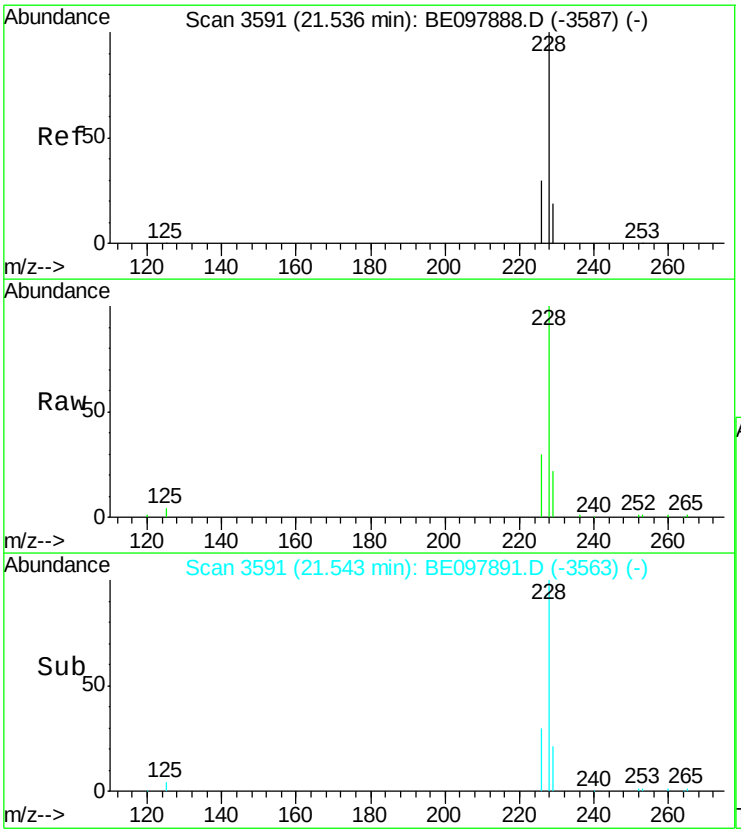
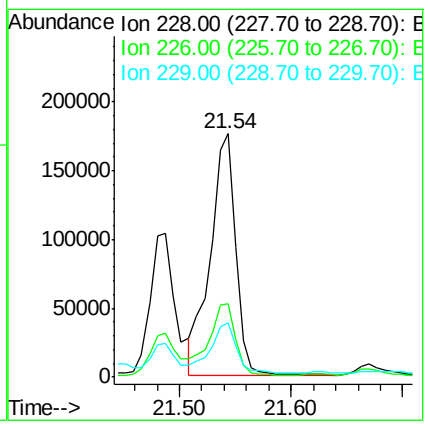
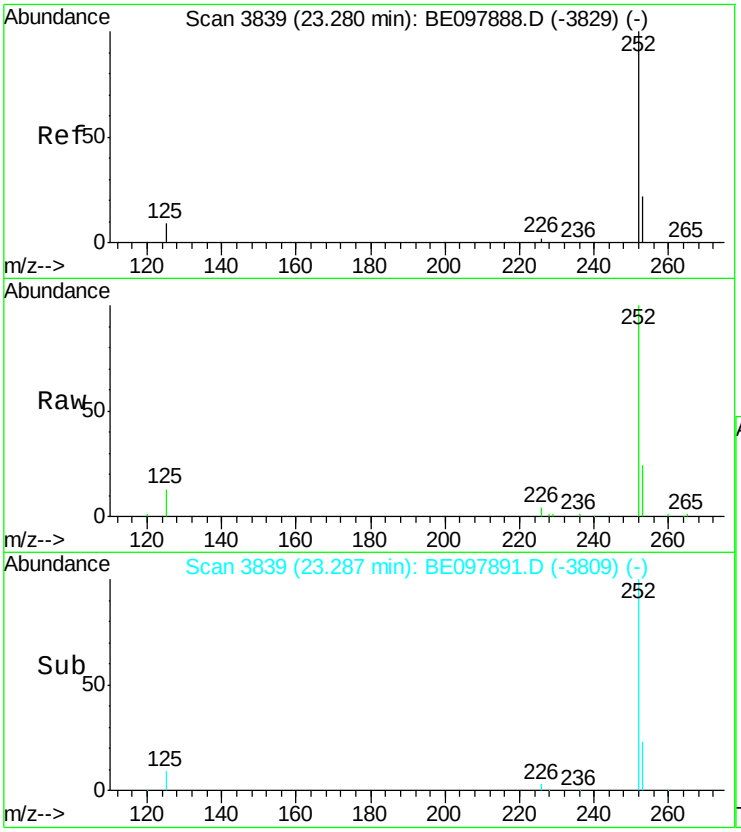


#19
Chrysene
Concen: 6.153 ng/ul
RT: 21.54 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:228 Resp: 280023

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	22.1	15.5	23.3

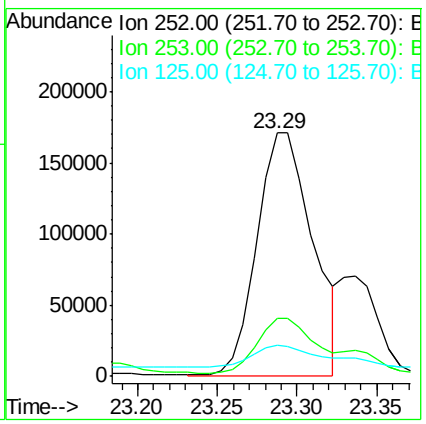




#21
Benzo(b)fluoranthene
Concen: 9.147 ng/ul m
RT: 23.29 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:252 Resp: 417878

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	47.0
125	12.7	0.0	18.2



Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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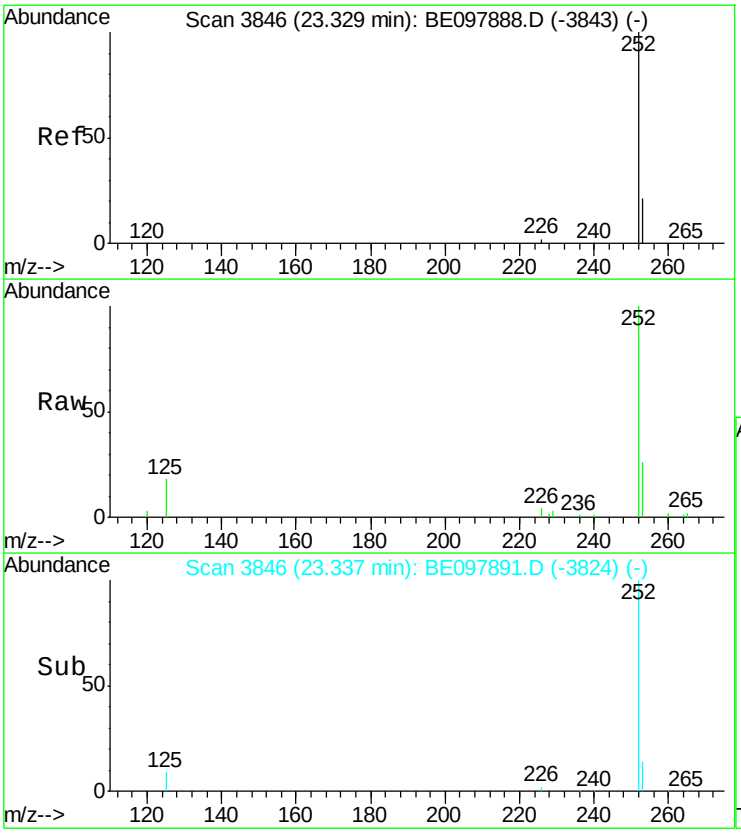
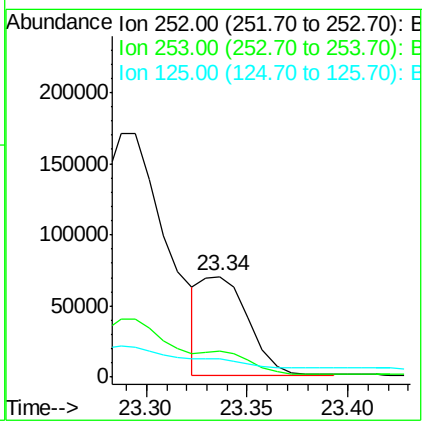
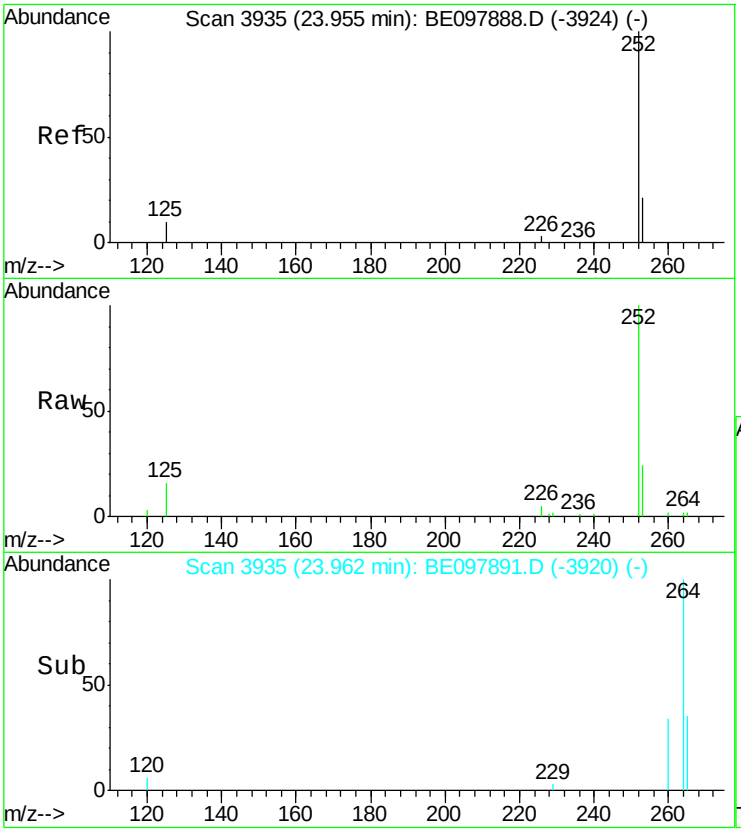


#22
Benzo(k)fluoranthene
Concen: 2.336 ng/ul m
RT: 23.34 min Scan# 3846
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:252 Resp: 114215

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.8	26.6
125	17.6	9.4	14.0#





#23
Benzo(a)pyrene
Concen: 3.845 ng/ul m
RT: 23.96 min Scan# 3935
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:252 Resp: 172449

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.4
125	15.8	8.3	12.5#

Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
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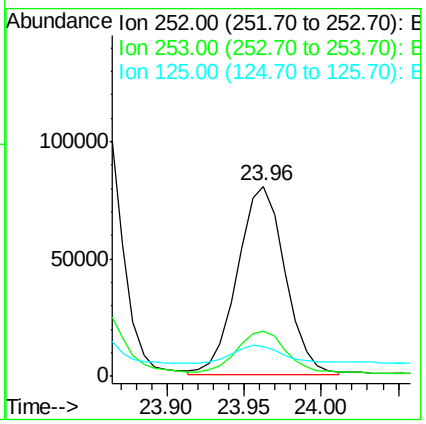
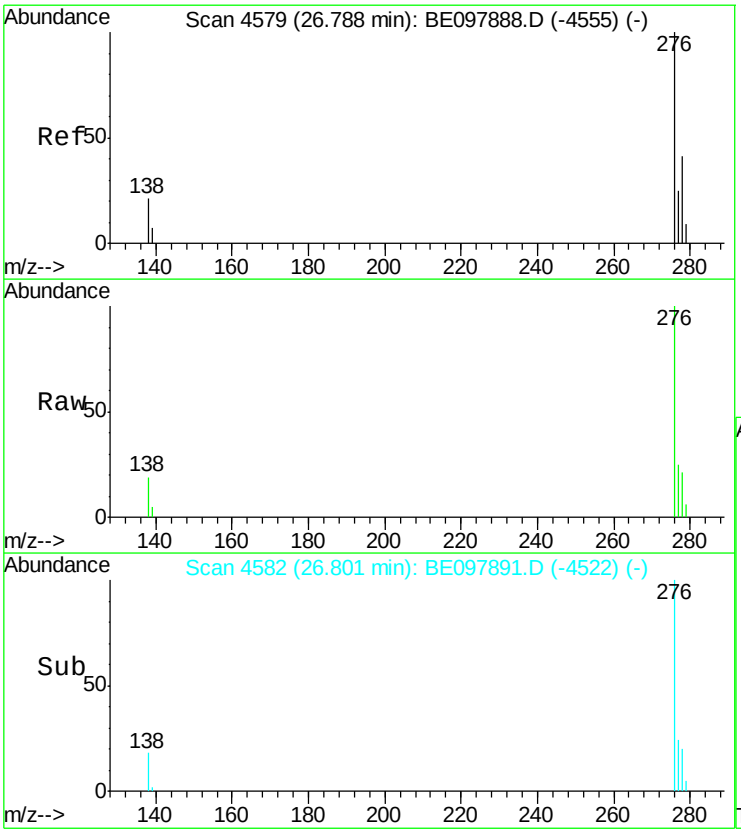
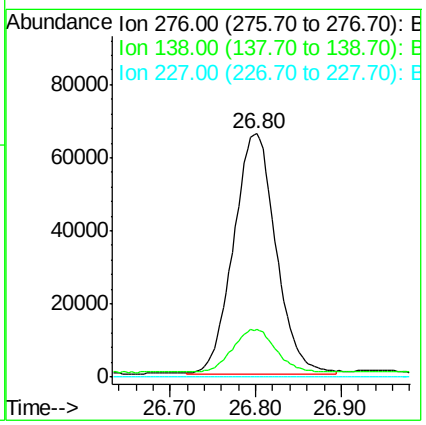


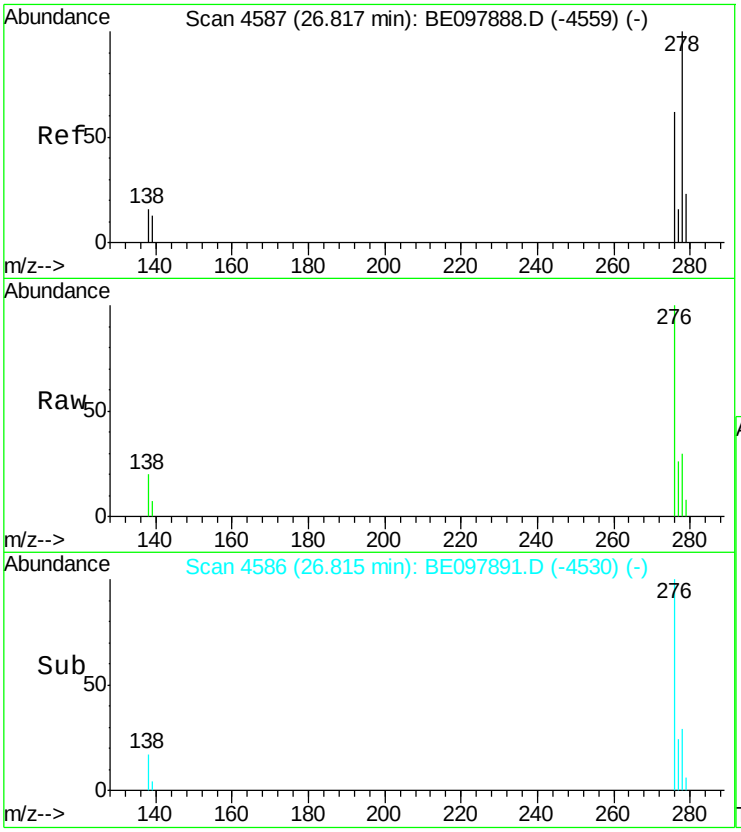


#24
Indeno(1,2,3-cd)pyrene
Concen: 4.454 ng/ul m
RT: 26.80 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:276 Resp: 226787

Ion	Ratio	Lower	Upper
276	100		
138	15.3	0.0	0.0#
227	0.0	0.0	0.0

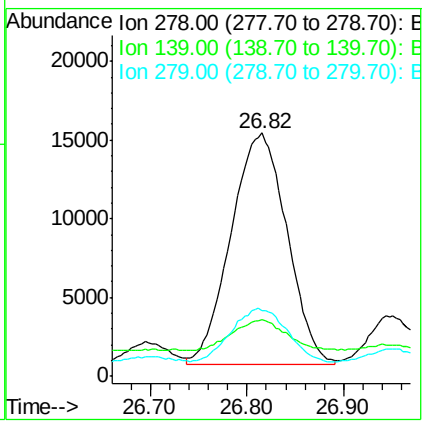




#25
Dibenzo(a,h)anthracene
Concen: 1.415 ng/ul m
RT: 26.82 min Scan# 4586
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

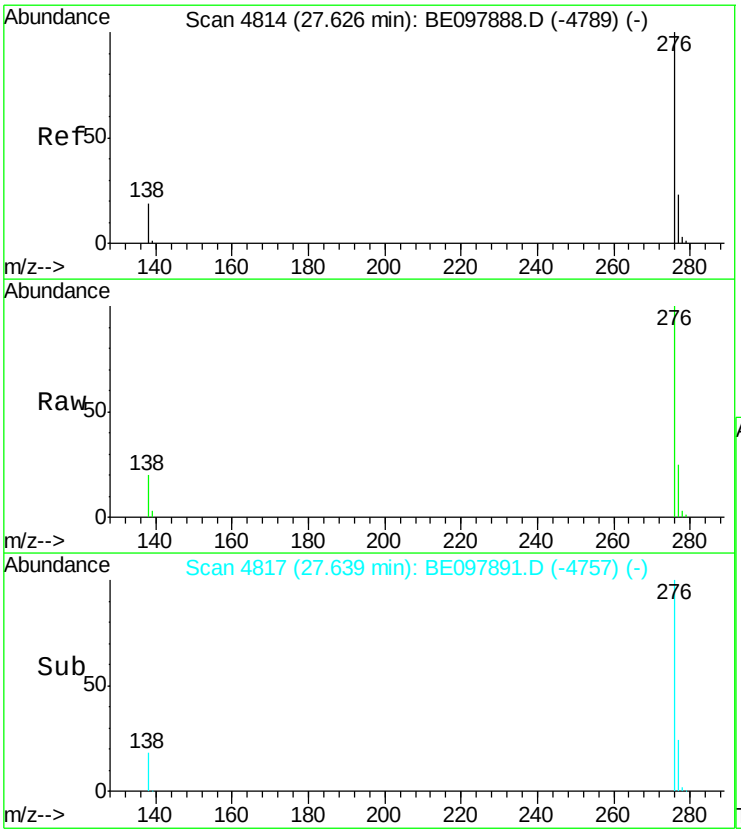
Tgt Ion:278 Resp: 59553

Ion	Ratio	Lower	Upper
278	100		
139	23.4	10.9	16.3#
279	27.2	18.8	28.2



Instrument :
BNA_E
ClientSampleId :
JLC32DL

Manual Integrations APPROVED
Sohil
10/15/2018 3:55:54 PM



#26
Benzo(g,h,i)perylene
Concen: 5.677 ng/ul m
RT: 27.64 min Scan# 4817
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:276 Resp: 251890

Ion	Ratio	Lower	Upper
276	100		
138	20.0	14.3	21.5
277	24.5	19.5	29.3