Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101218\
Data File : BE097885.D
Acq On : 12 Oct 2018 13:33
Operator : SJ/JU
Sample : J5183-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 12 16:00:20 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 : Fri Oct 12 04:56:57 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : JLC19

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	2755	0.40	ng/ul	0.00
2) Naphthalene-d8	10.71	136	13628	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.56	164	9940	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.32	188	20886m	0.40	ng/ul	0.01
16) Chrysene-d12	21.52	240	18017m	0.40	ng/ul	0.03
20) Perylene-d12	24.12	264	26585m	0.40	ng/ul	0.06
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.30	152	7081	0.31	ng/ul	0.01
14) Fluoranthene-d10	19.36	212	18767m	0.28	ng/ul	0.02
Target Compounds						Qvalue
3) Naphthalene	10.76	128	45454	1.371	ng/ul	99
5) 2-Methylnaphthalene	12.38	142	23145	0.965	ng/ul	99
7) Acenaphthylene	14.28	152	22002	0.585	ng/ul#	91
8) Acenaphthene	14.63	153	69148	2.370	ng/ul	97
9) Fluorene	15.62	166	63054	1.656	ng/ul	99
11) Pentachlorophenol	16.99	266	4124m	1.401	ng/ul	
12) Phenanthrene	17.37	178	1525574m	30.854	ng/ul	
13) Anthracene	17.46	178	375576m	8.197	ng/ul	
15) Fluoranthene	19.40	202	3946221m	62.143	ng/ul	
17) Pyrene	19.76	202	4132830	77.000	ng/ul	96
18) Benzo(a)anthracene	21.51	228	2888502	53.024	ng/ul	94
19) Chrysene	21.57	228	5824563m	119.001	ng/ul	
21) Benzo(b)fluoranthene	23.34	252	6298145m	88.641	ng/ul	
22) Benzo(k)fluoranthene	23.38	252	1883602m	24.766	ng/ul	
23) Benzo(a)pyrene	24.02	252	2814393m	40.345	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.89	276	2486963	31.405	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.90	278	676819	10.341	ng/ul	94
26) Benzo(g,h,i)perylene	27.75	276	2567510	37.210	ng/ul	100

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

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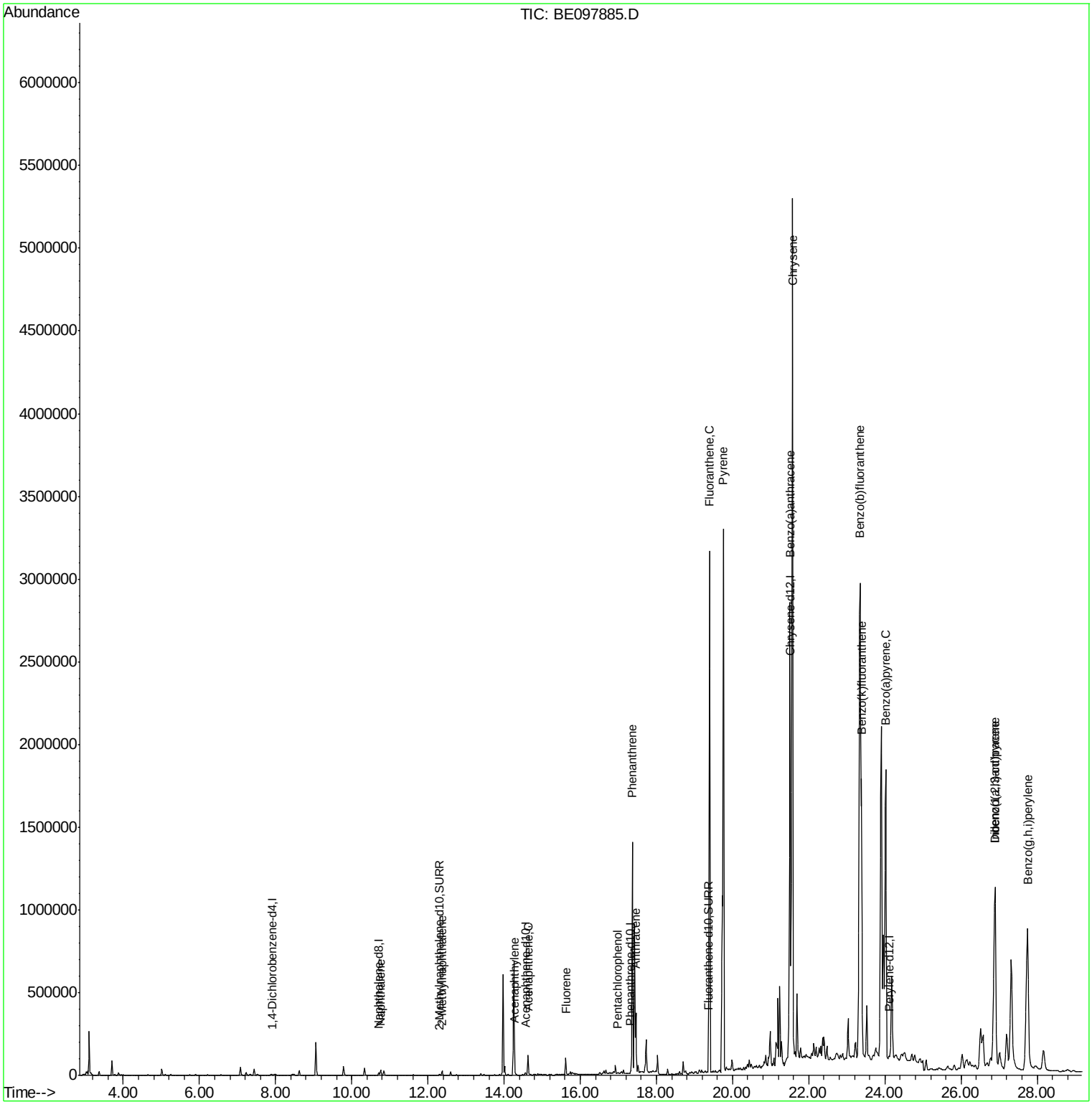
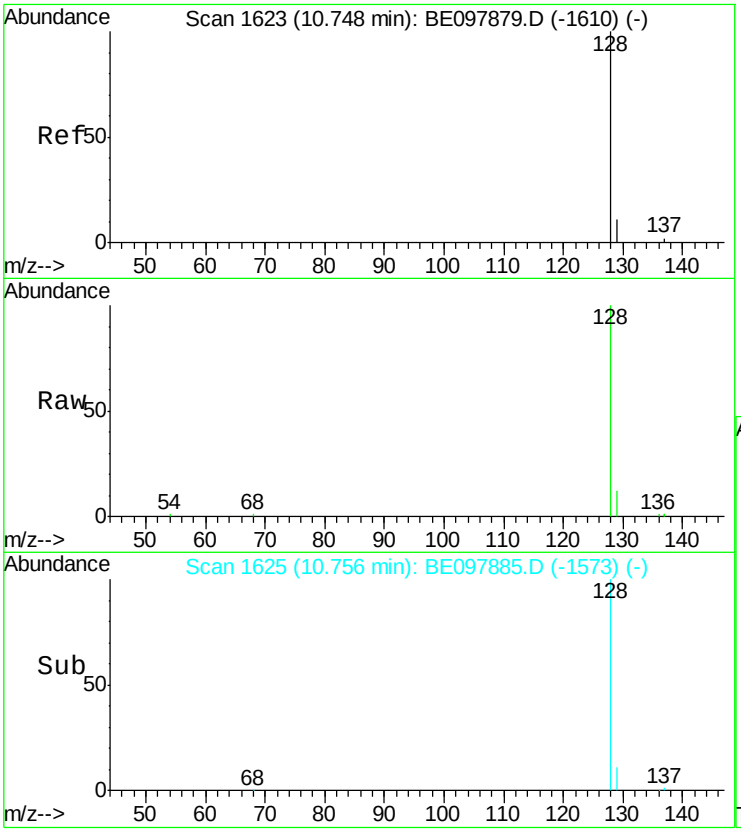
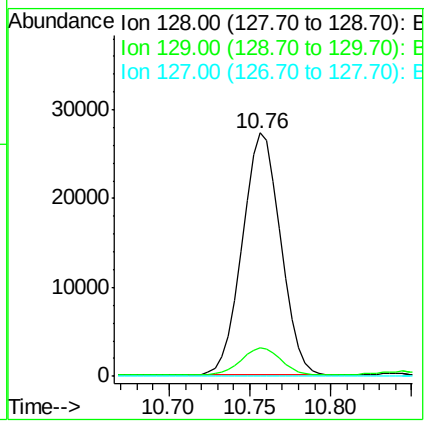




#3
Naphthalene
Concen: 1.371 ng/ul
RT: 10.76 min Scan# 1625
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:128 Resp: 45454

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.1	13.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
JLC19

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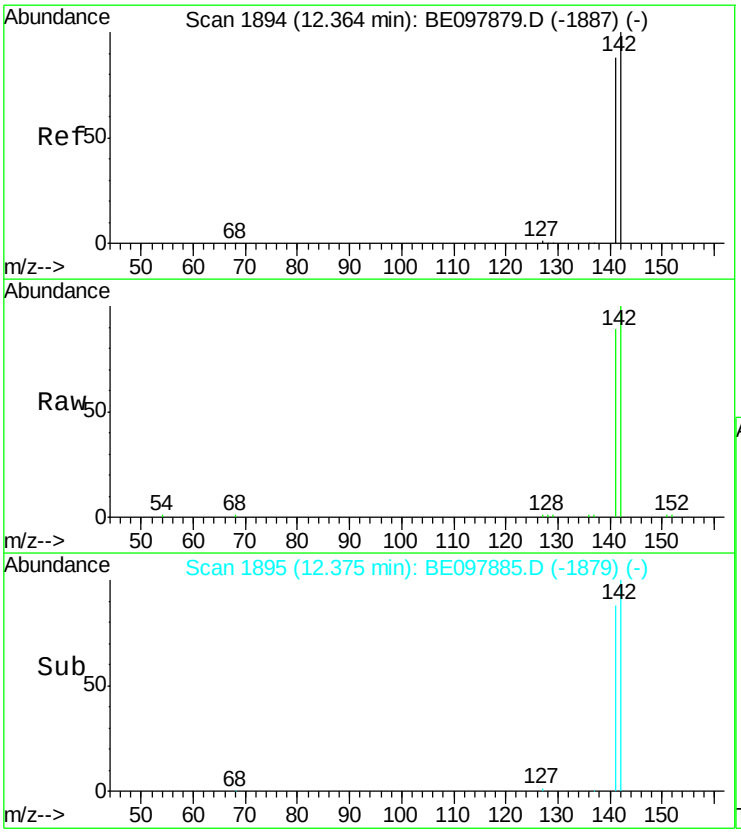
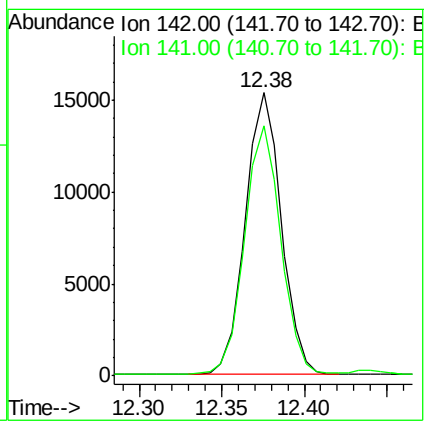
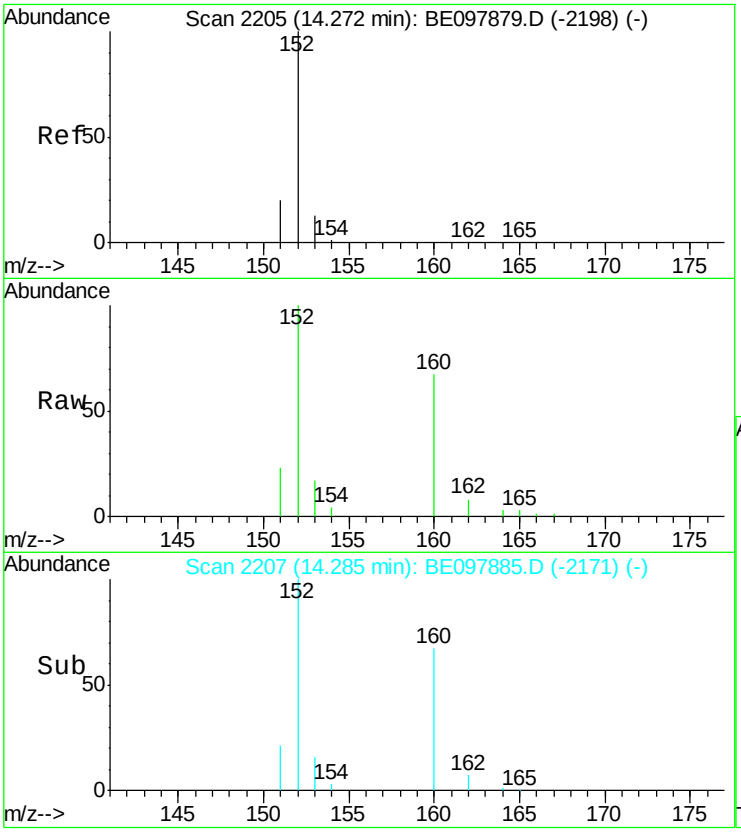


#5
2-Methylnaphthalene
Concen: 0.965 ng/ul
RT: 12.38 min Scan# 1895
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:142 Resp: 23145

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4





#7
Acenaphthylene
Concen: 0.585 ng/ul
RT: 14.28 min Scan# 2207
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:152 Resp: 22002

Ion	Ratio	Lower	Upper
152	100		
151	22.7	15.0	22.6#
153	16.7	10.5	15.7#

Instrument :
BNA_E
ClientSampleId :
JLC19

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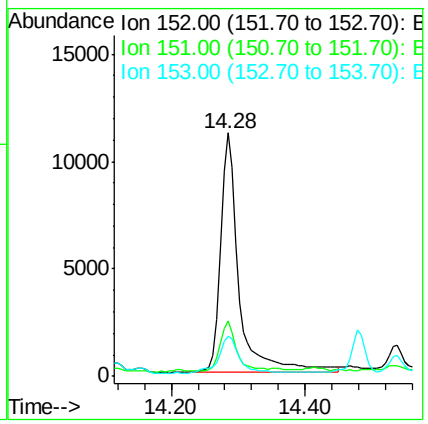
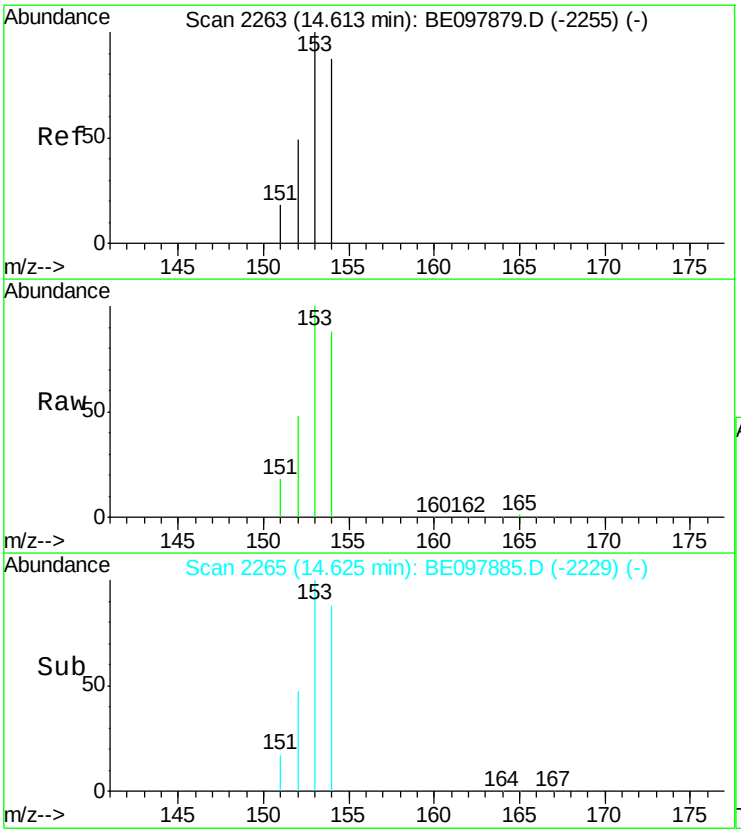
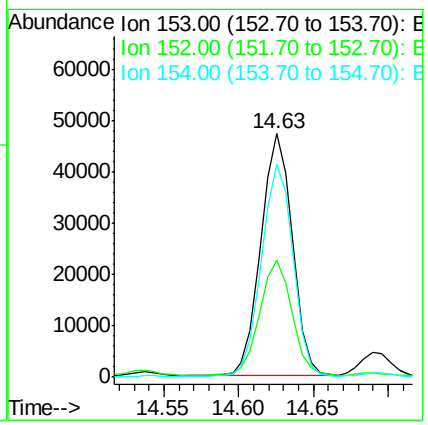


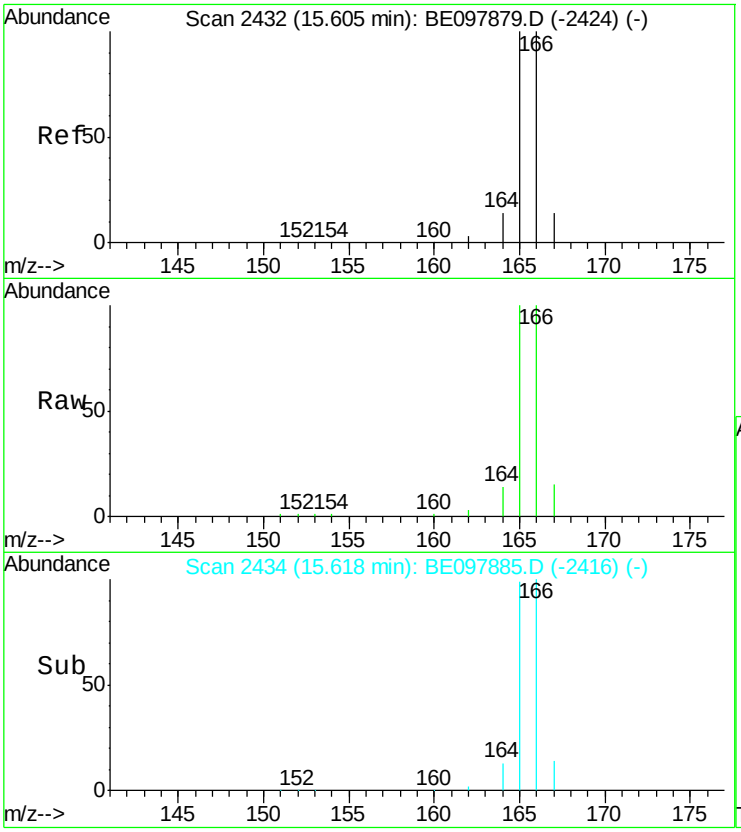


#8
Acenaphthene
Concen: 2.370 ng/ul
RT: 14.63 min Scan# 2265
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:153 Resp: 69148

Ion	Ratio	Lower	Upper
153	100		
152	48.1	41.2	61.8
154	87.6	68.6	103.0

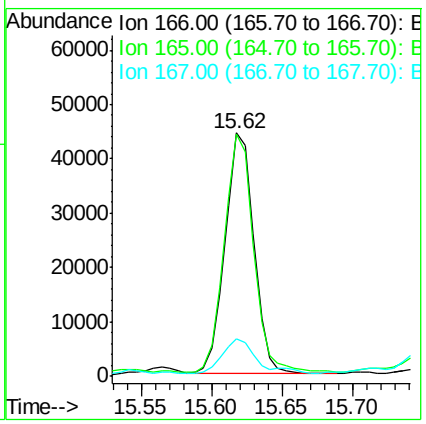




#9
Fluorene
Concen: 1.656 ng/ul
RT: 15.62 min Scan# 2434
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:166 Resp: 63054

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	15.3	11.3	16.9



Instrument :
BNA_E
ClientSampleId :
JLC19

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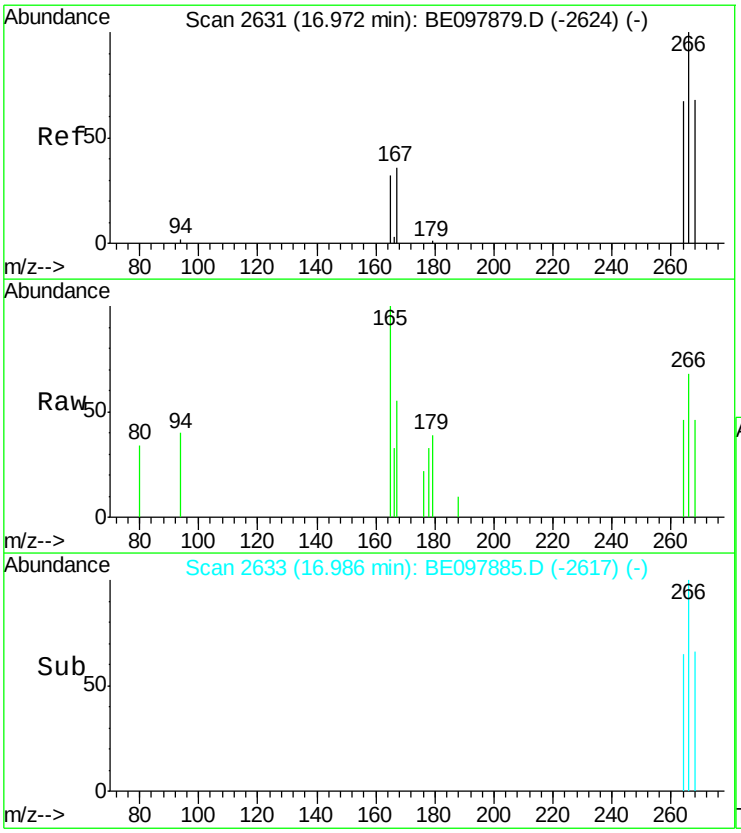
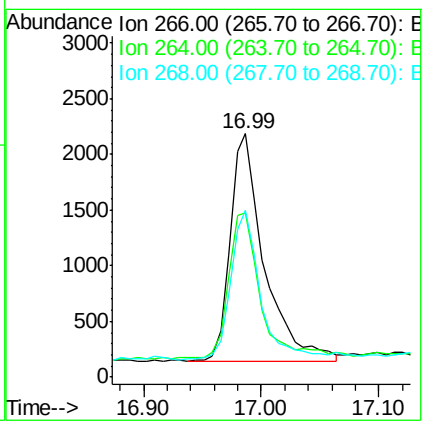
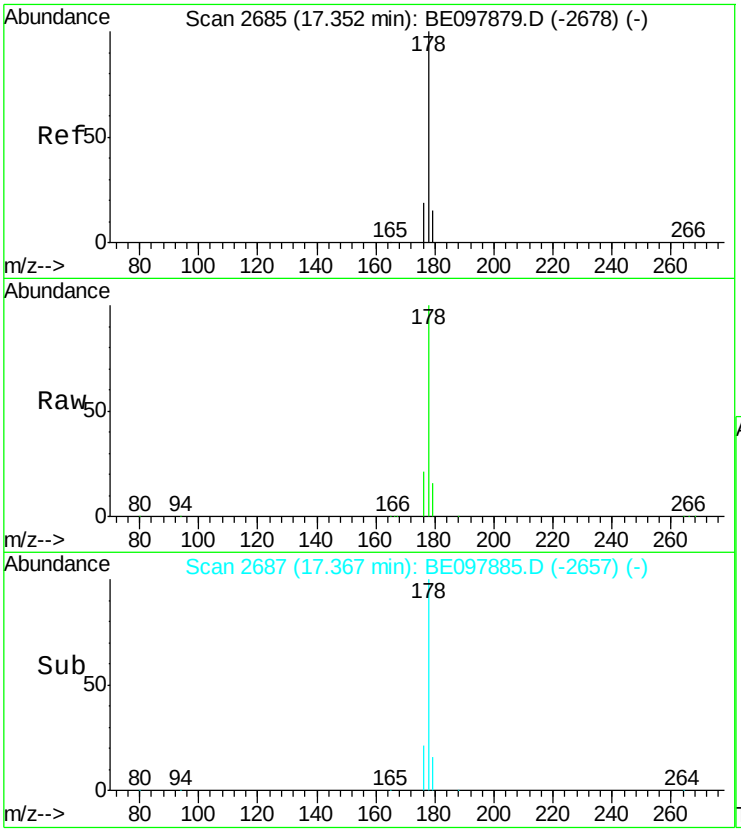


#11
Pentachlorophenol
Concen: 1.401 ng/ul m
RT: 16.99 min Scan# 2633
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:266 Resp: 4124

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

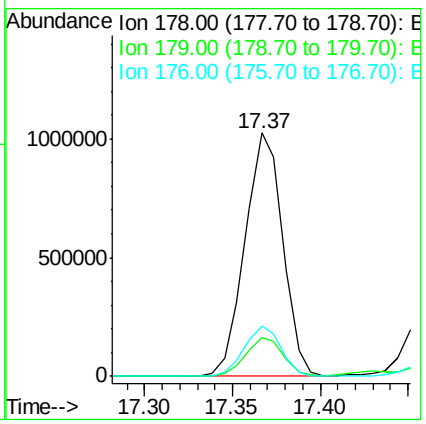




#12
Phenanthrene
Concen: 30.854 ng/ul m
RT: 17.37 min Scan# 2687
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:178 Resp: 1525574

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	20.6	14.9	22.3



Instrument :
BNA_E
ClientSampleId :
JLC19

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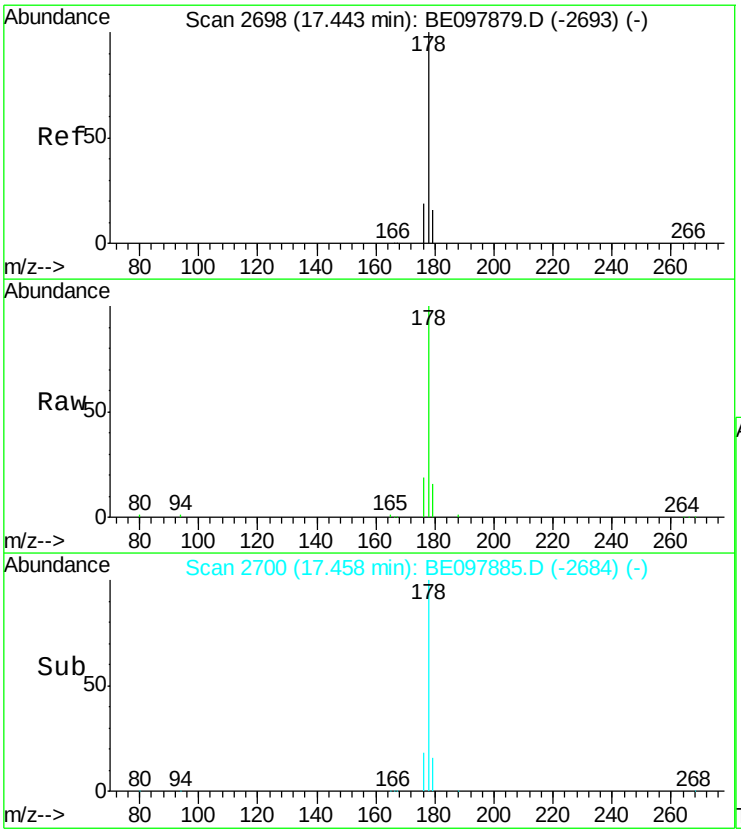
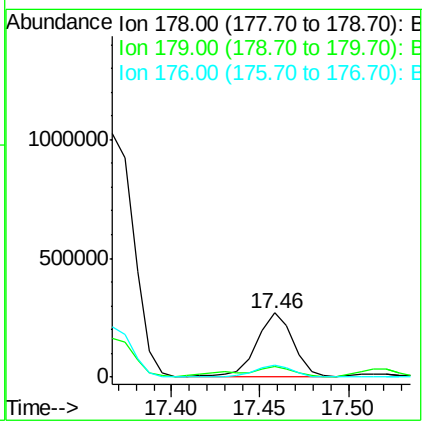
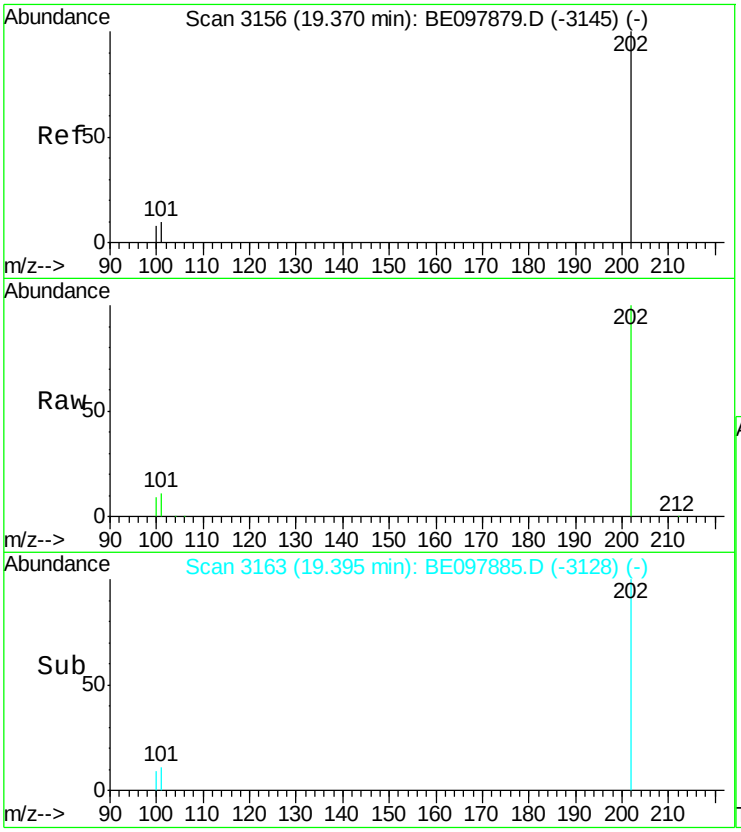


#13
Anthracene
Concen: 8.197 ng/ul m
RT: 17.46 min Scan# 2700
Delta R.T. 0.01 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:178 Resp: 375576

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.3	15.5	23.3

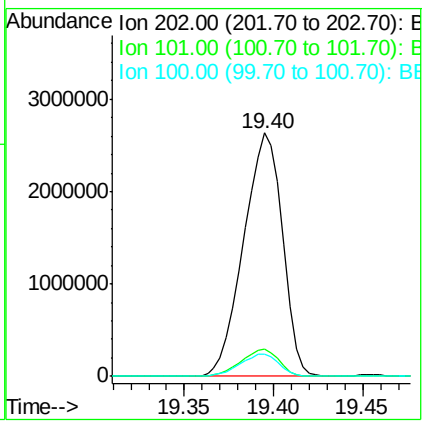




#15
Fluoranthene
Concen: 62.143 ng/ul m
RT: 19.40 min Scan# 3163
Delta R.T. 0.02 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:202 Resp: 3946221

Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	29.3
100	9.1	0.0	27.5



Instrument :
BNA_E
ClientSampleId :
JLC19

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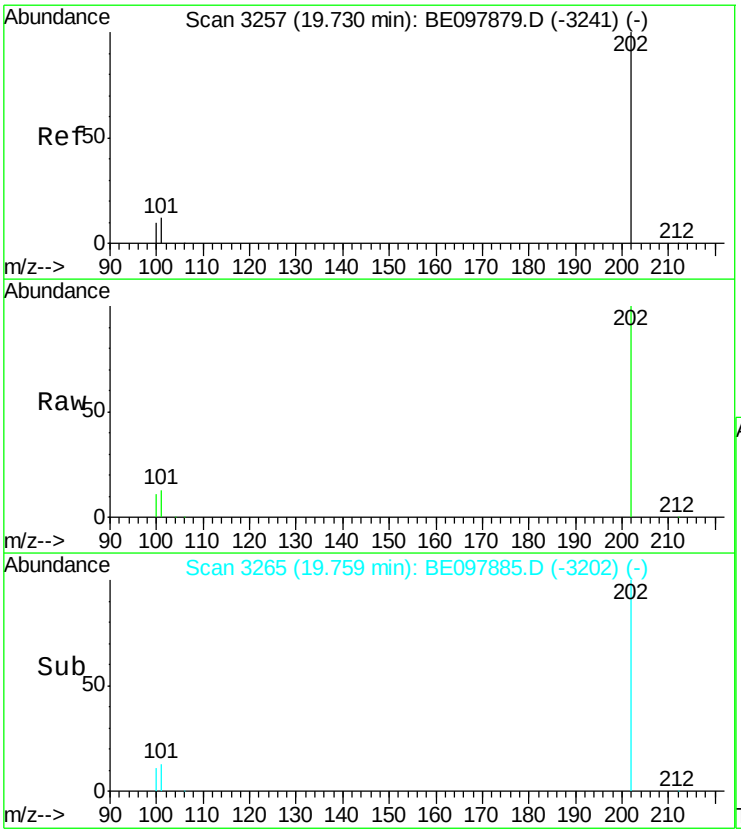
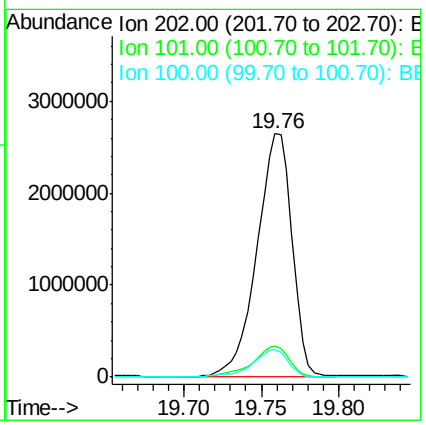
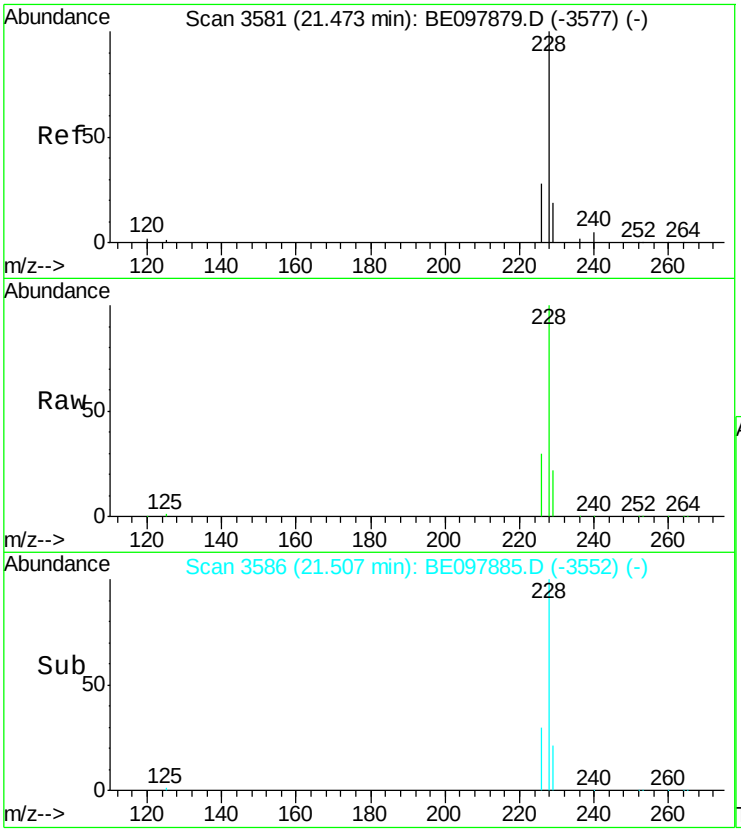


#17
Pyrene
Concen: 77.000 ng/ul
RT: 19.76 min Scan# 3265
Delta R.T. 0.02 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:202 Resp: 4132830

Ion	Ratio	Lower	Upper
202	100		
101	12.8	8.8	13.2
100	11.4	7.9	11.9

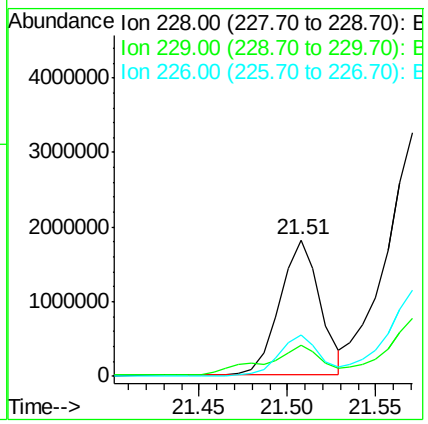




#18
Benzo(a)anthracene
Concen: 53.024 ng/ul
RT: 21.51 min Scan# 3586
Delta R.T. 0.03 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:228 Resp: 2888502

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.4	24.6
226	30.5	21.5	32.3



Instrument :
BNA_E
ClientSampleId :
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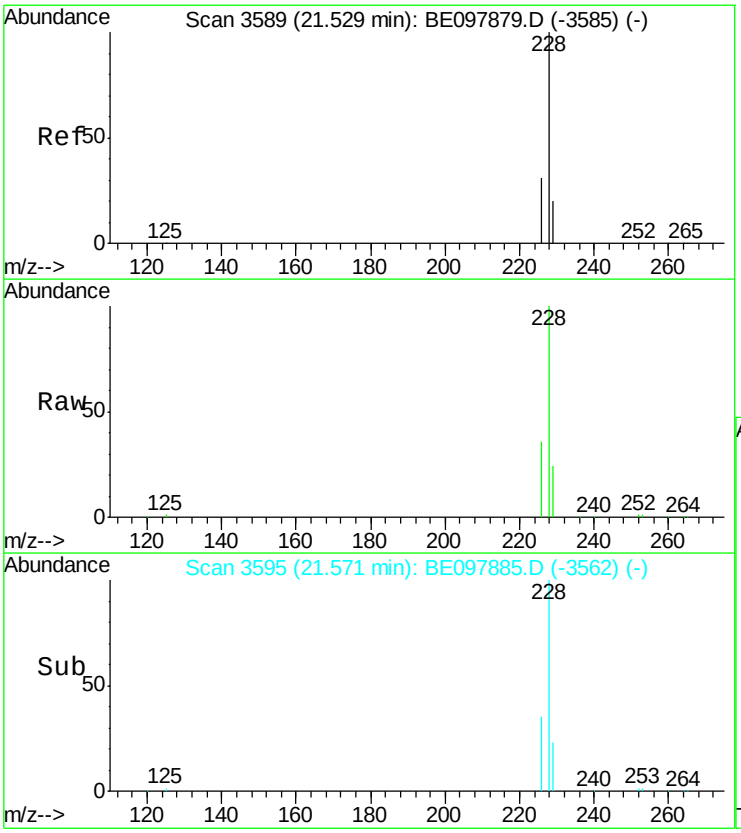
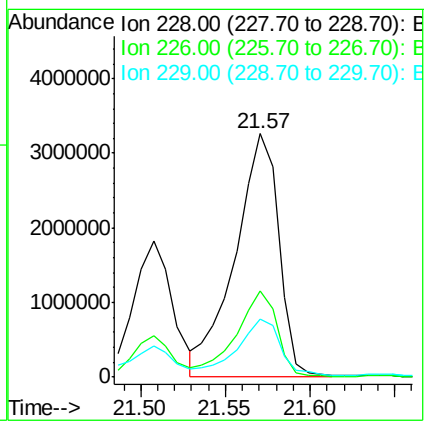
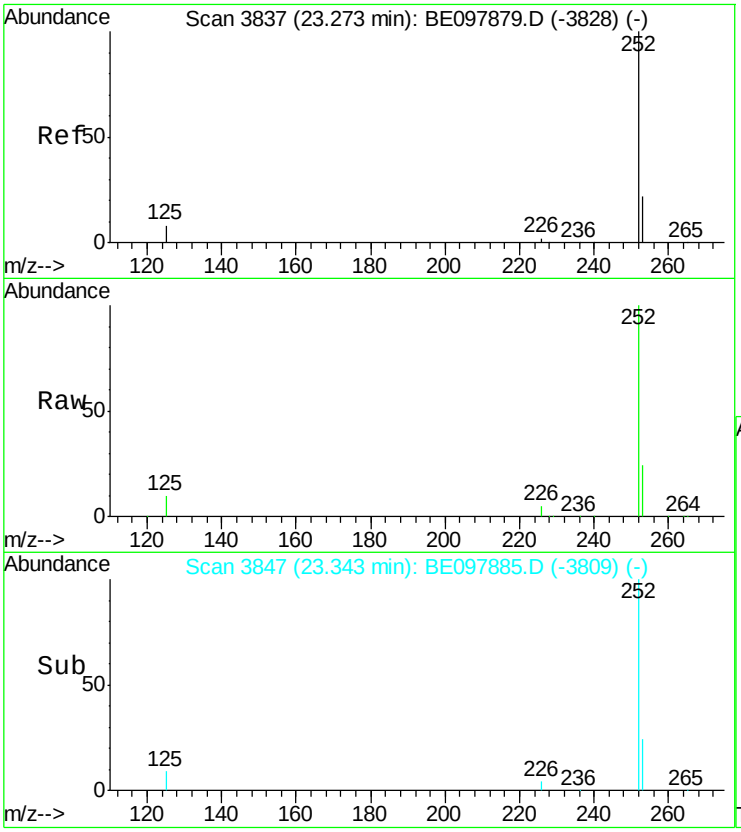


#19
Chrysene
Concen: 119.001 ng/ul m
RT: 21.57 min Scan# 3595
Delta R.T. 0.04 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:228 Resp: 5824563

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.0	34.4#
229	23.8	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 88.641 ng/ul m
RT: 23.34 min Scan# 3847
Delta R.T. 0.07 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:252 Resp: 6298145

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	47.0
125	9.8	0.0	18.2

Instrument :
BNA_E
ClientSampleId :
JLC19

Manual Integrations APPROVED
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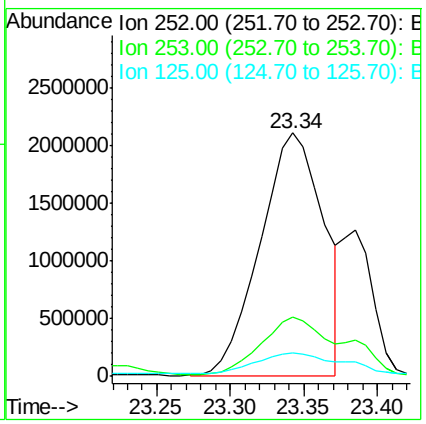
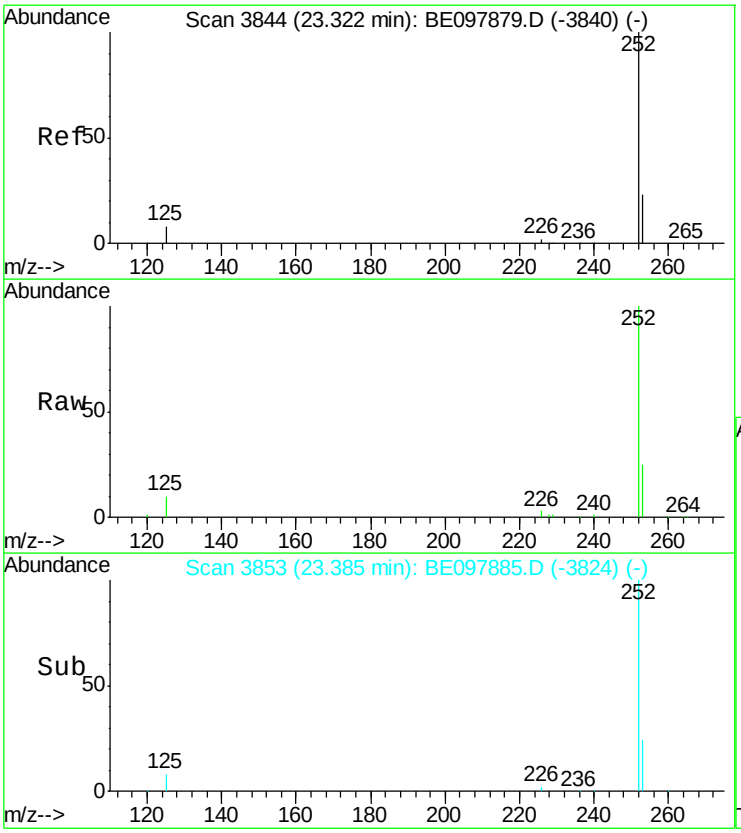
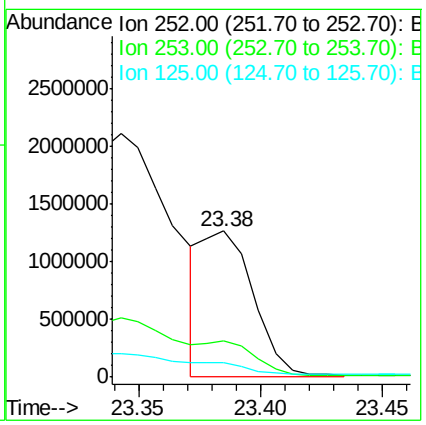


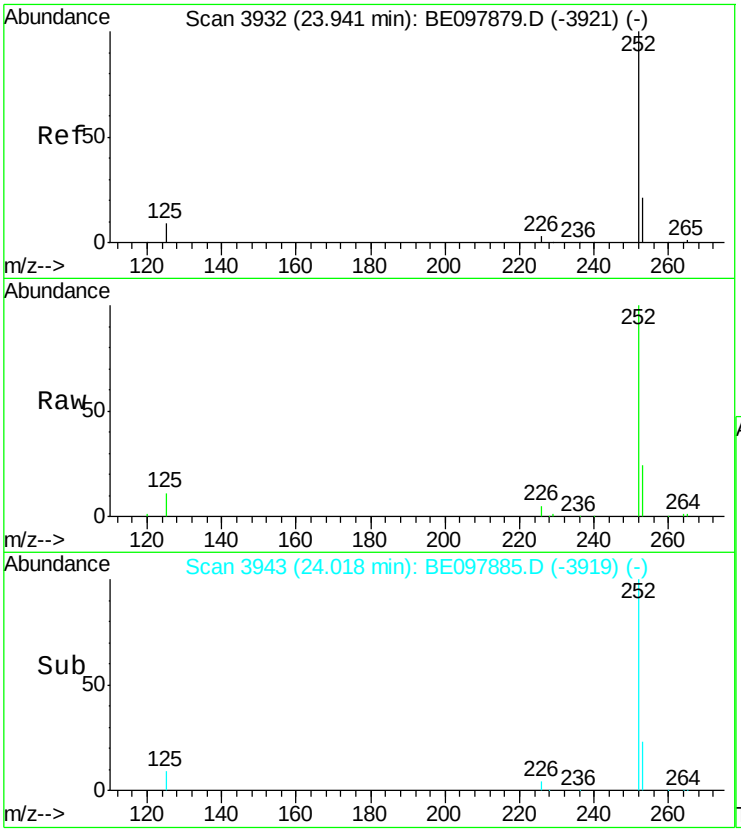


#22
Benzo(k)fluoranthene
Concen: 24.766 ng/ul m
RT: 23.38 min Scan# 3853
Delta R.T. 0.06 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:252 Resp: 1883602

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.6
125	9.8	9.4	14.0





#23
Benzo(a)pyrene
Concen: 40.345 ng/ul m
RT: 24.02 min Scan# 3943
Delta R.T. 0.07 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:252 Resp: 2814393

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	10.6	8.3	12.5

Instrument :
BNA_E
ClientSampleId :
JLC19

Manual Integrations APPROVED
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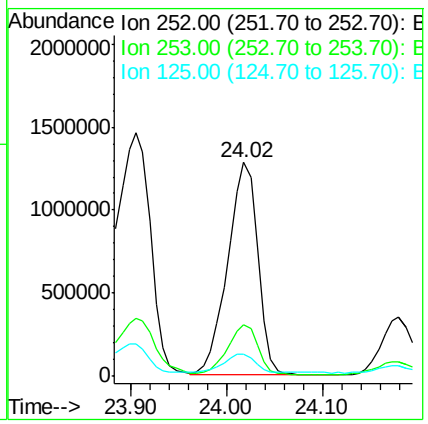
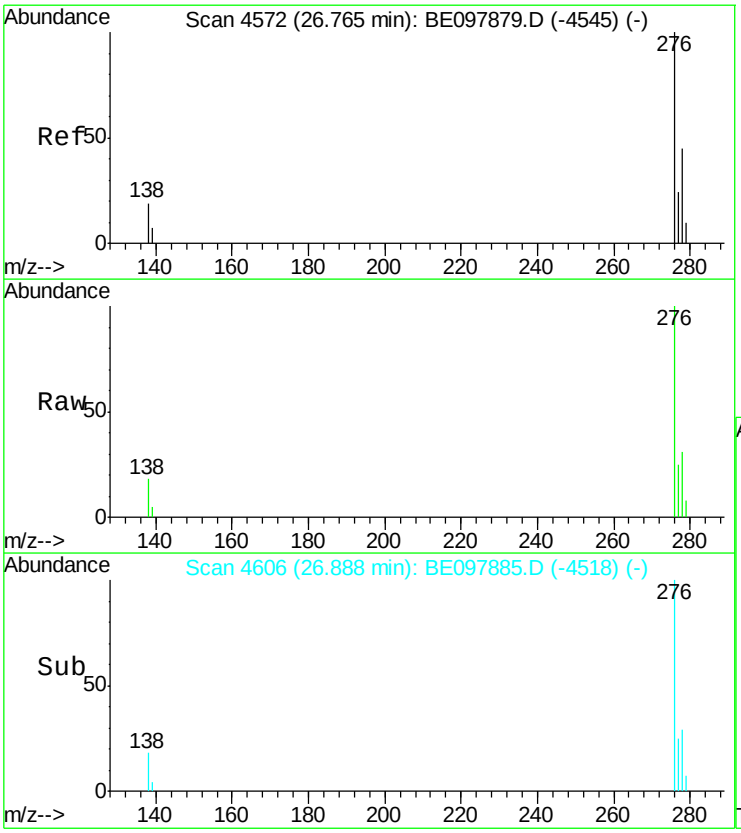
10/15/2018 3:55:37 PM

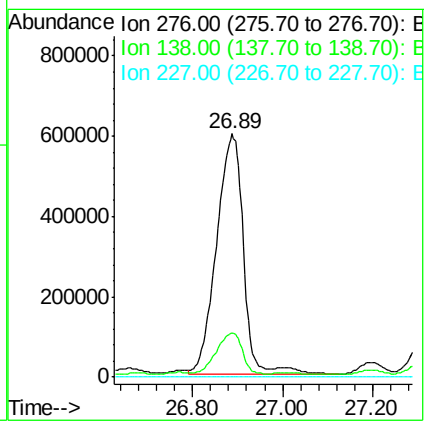


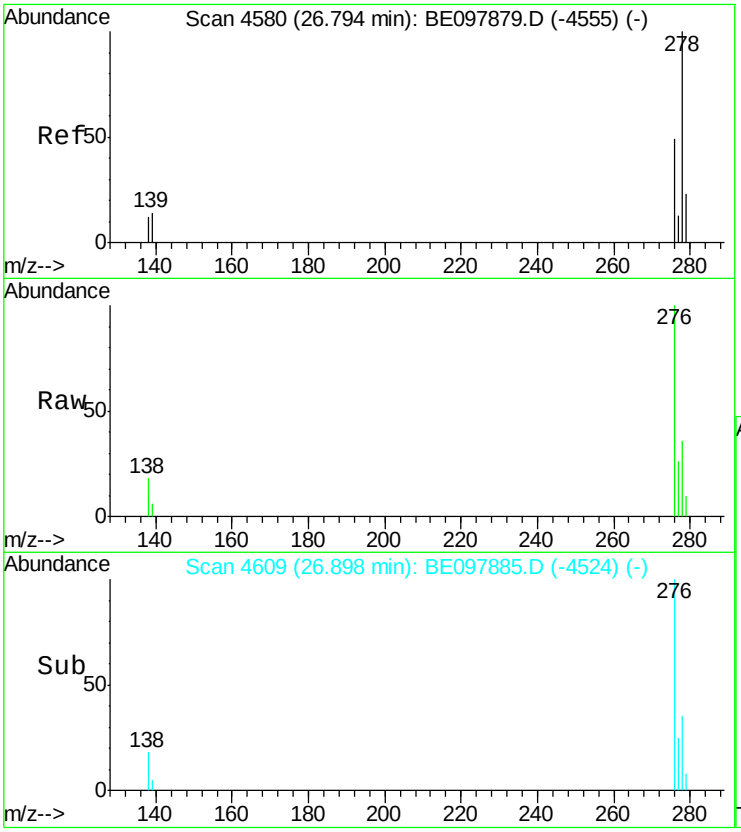


#24
Indeno(1,2,3-cd)pyrene
Concen: 31.405 ng/ul
RT: 26.89 min Scan# 4606
Delta R.T. 0.11 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:276 Resp: 2486963

Ion	Ratio	Lower	Upper
276	100		
138	16.2	0.0	0.0#
227	0.0	0.0	0.0





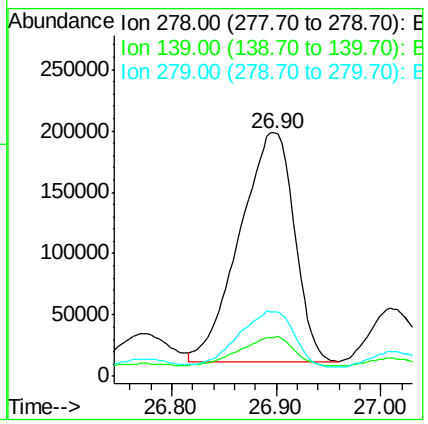
#25
Dibenzo(a,h)anthracene
Concen: 10.341 ng/ul
RT: 26.90 min Scan# 4609
Delta R.T. 0.10 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

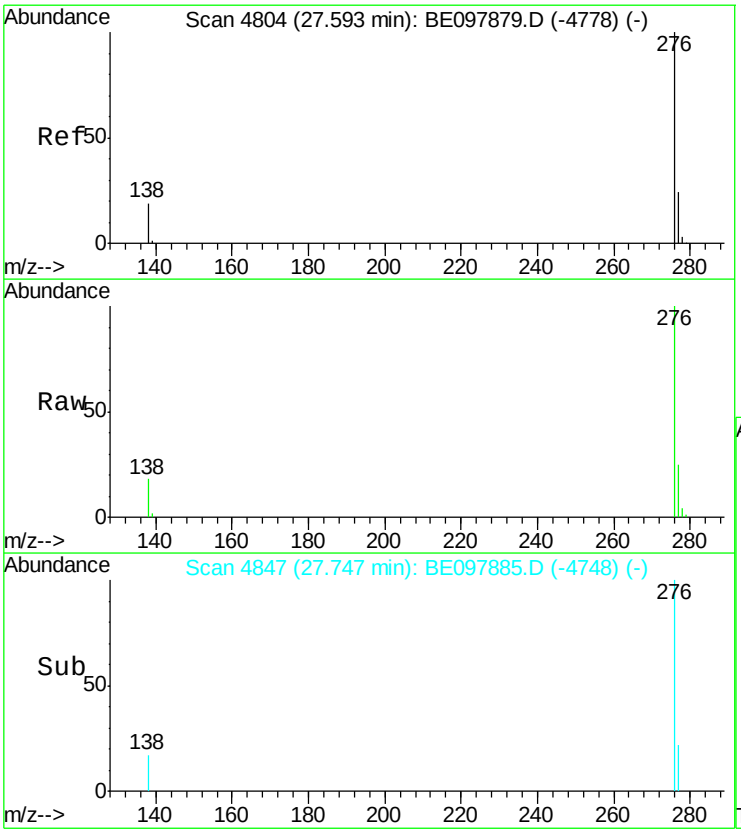
Tgt Ion:278 Resp: 676819

Ion	Ratio	Lower	Upper
278	100		
139	16.0	10.9	16.3
279	26.7	18.8	28.2

Instrument :
BNA_E
ClientSampleId :
JLC19

Manual Integrations APPROVED
Sohil
10/15/2018 3:55:37 PM





#26
Benzo(g,h,i)perylene
Concen: 37.210 ng/ul
RT: 27.75 min Scan# 4847
Delta R.T. 0.15 min
Lab File: BE097885.D
Acq: 12 Oct 2018 13:33

Tgt Ion:276 Resp: 2567510

Ion	Ratio	Lower	Upper
276	100		
138	18.1	14.3	21.5
277	24.6	19.5	29.3