Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
Data File : BE097832.D
Acq On : 10 Oct 2018 17:48
Operator : SJ/JU
Sample : J5184-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JLC24

Manual Integrations APPROVED
Sohil
10/11/2018 5:33:27 PM

Quant Time: Oct 10 18:50:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE101018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 12:43:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3124	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	15349	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	11090	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	31177m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	37701m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	31648m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	7102	0.30	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	30618m	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	1052	0.028	ng/ul#	71
5) 2-Methylnaphthalene	12.36	142	713	0.029	ng/ul	94
8) Acenaphthene	14.60	153	3008	0.092	ng/ul	96
9) Fluorene	15.59	166	4861	0.124	ng/ul	96
12) Phenanthrene	17.34	178	163280m	2.192	ng/ul	
13) Anthracene	17.43	178	47903m	0.757	ng/ul	
15) Fluoranthene	19.36	202	367915m	3.747	ng/ul	
17) Pyrene	19.72	202	384324	4.149	ng/ul	99
18) Benzo(a)anthracene	21.46	228	204961	1.959	ng/ul	99
19) Chrysene	21.51	228	261421	2.590	ng/ul	96
21) Benzo(b)fluoranthene	23.24	252	244701m	2.992	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	90677m	0.978	ng/ul	
23) Benzo(a)pyrene	23.91	252	129247	1.727	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.71	276	85541	1.007	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.73	278	21709	0.306	ng/ul#	84
26) Benzo(g,h,i)perylene	27.54	276	97623	1.217	ng/ul	99

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

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Manual Integrations APPROVED
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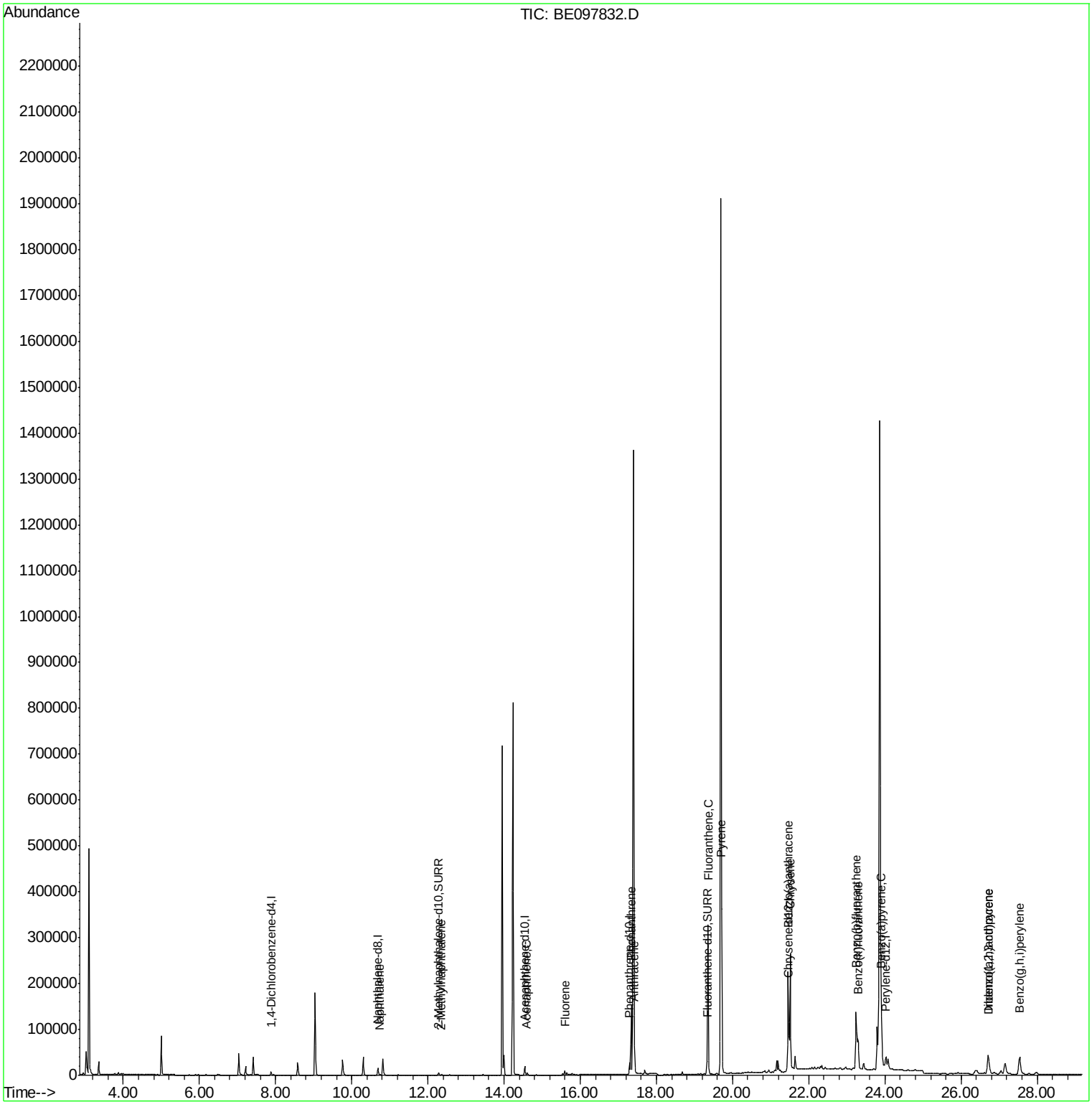

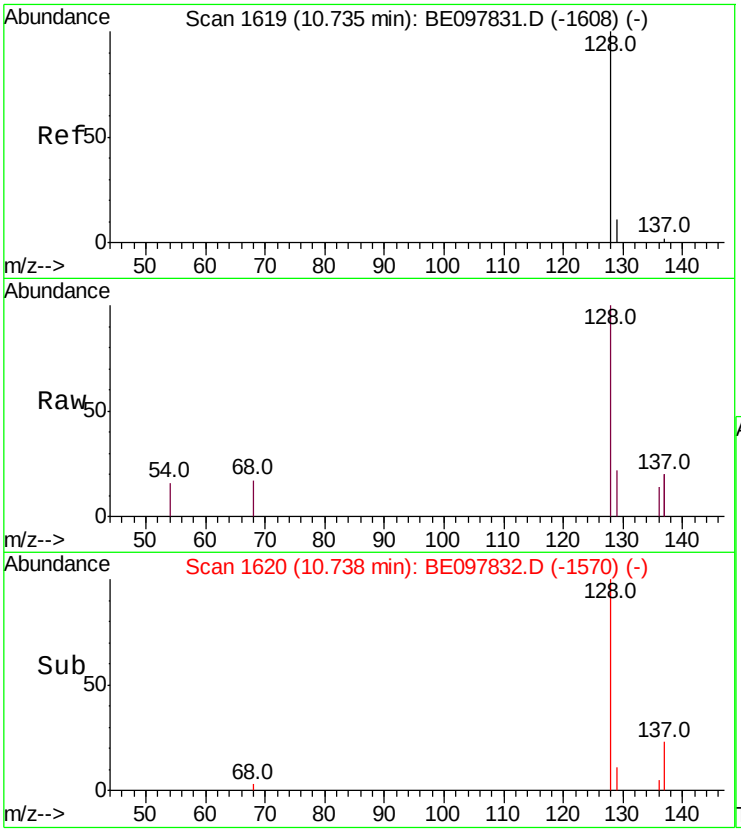

#3
Naphthalene
Concen: 0.028 ng/ul
RT: 10.74 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:128 Resp: 1052

Ion	Ratio	Lower	Upper
128	100		
129	22.5	9.1	13.7#
127	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
JLC24

Manual Integrations APPROVED
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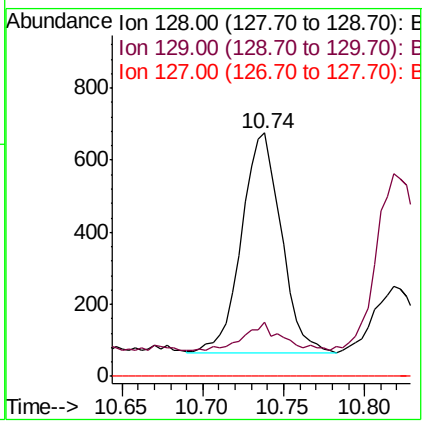
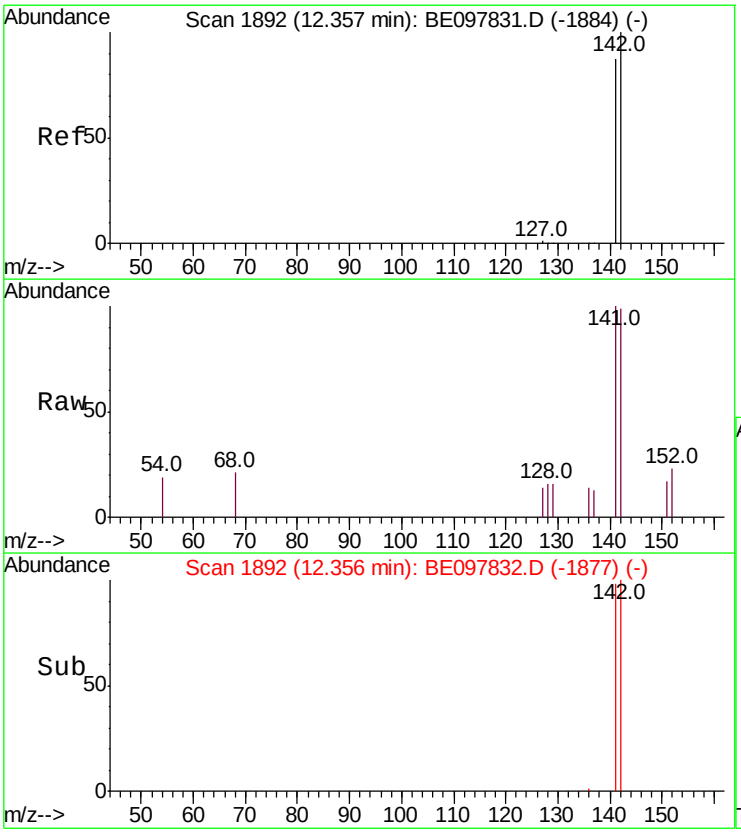
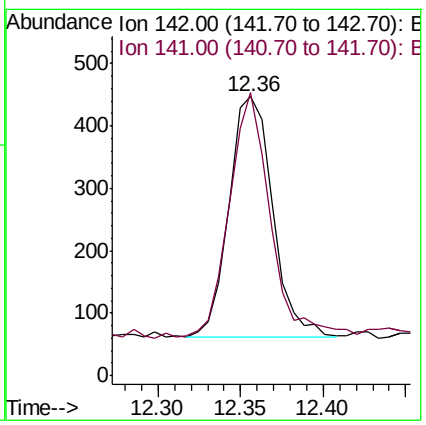


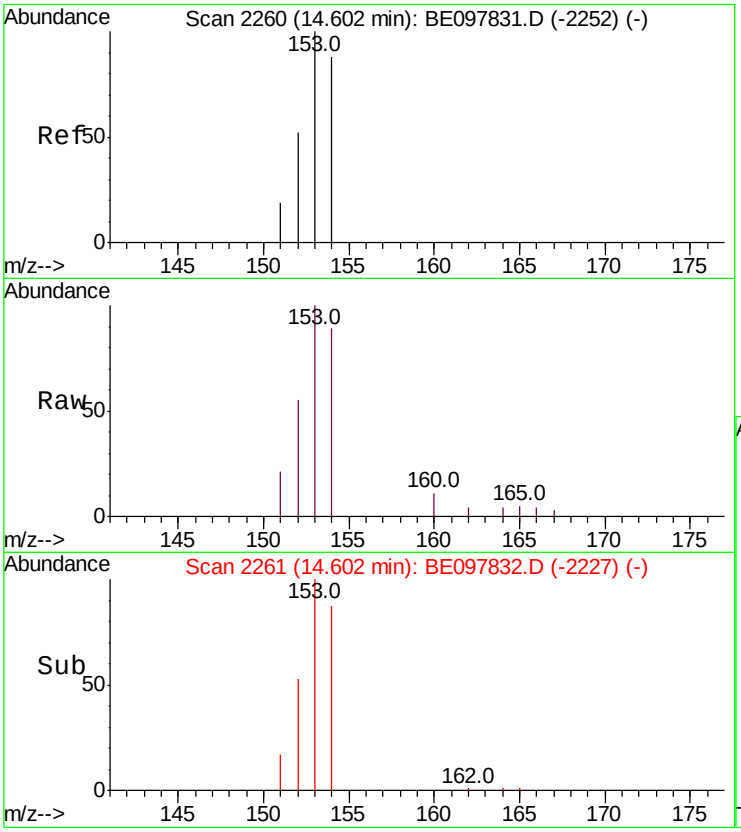


#5
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.36 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:142 Resp: 713

Ion	Ratio	Lower	Upper
142	100		
141	95.4	71.6	107.4





#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.60 min Scan# 2261
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:153 Resp: 3008

Ion	Ratio	Lower	Upper
153	100		
152	54.8	41.2	61.8
154	88.5	68.6	103.0

Instrument :
BNA_E
ClientSampleId :
JLC24

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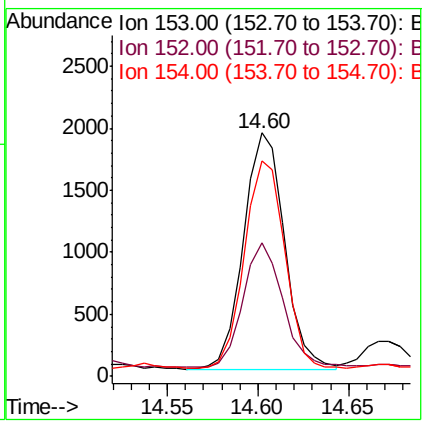
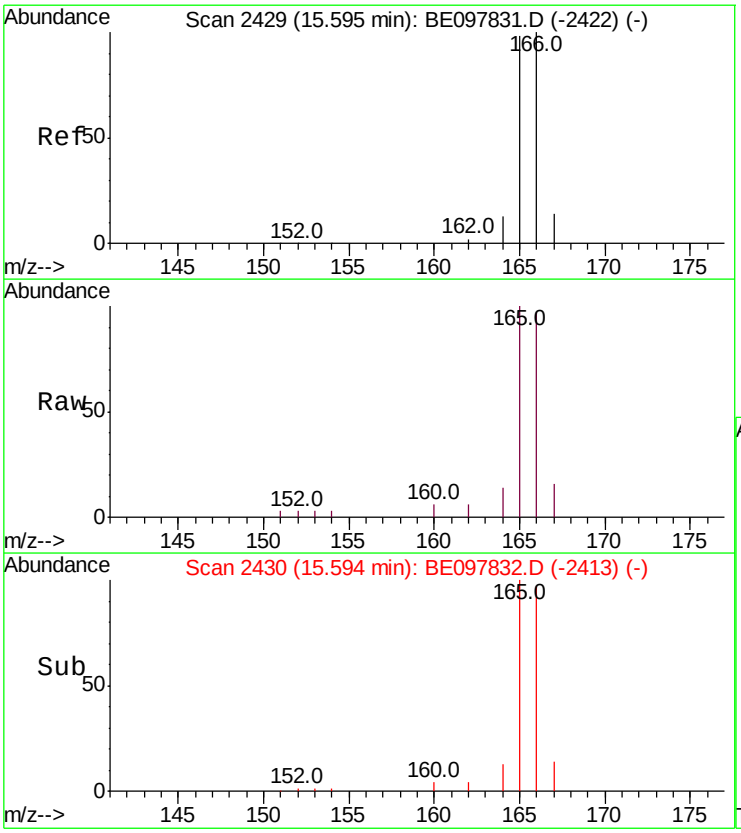
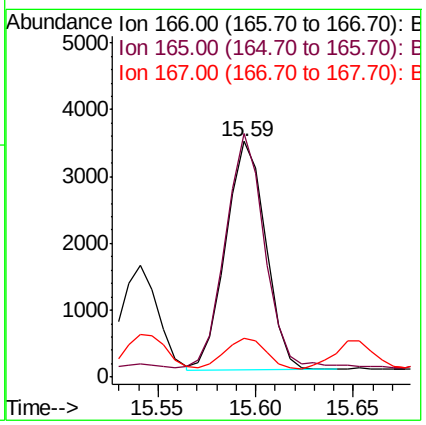


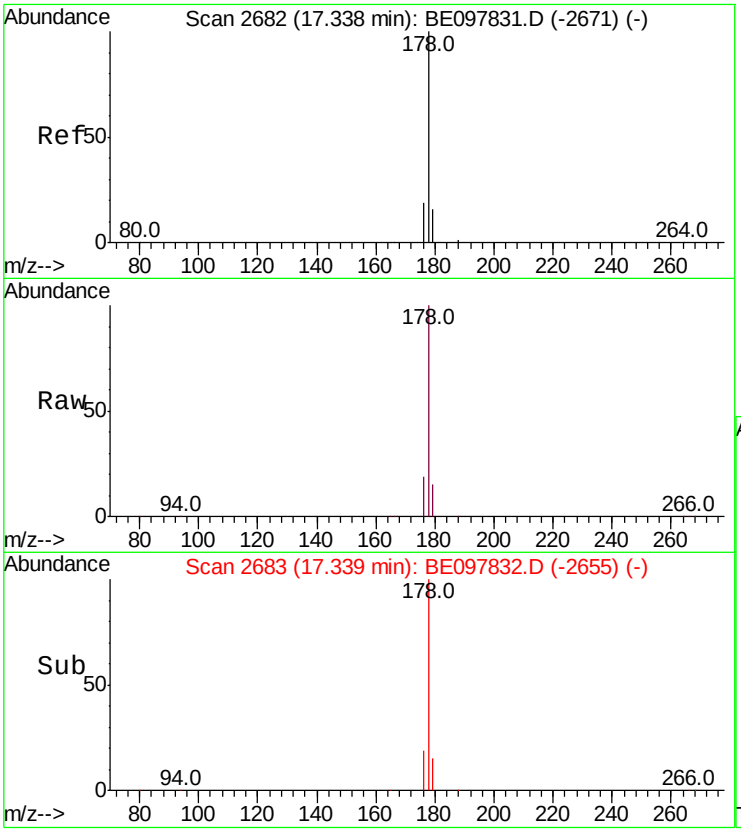


#9
Fluorene
Concen: 0.124 ng/ul
RT: 15.59 min Scan# 2430
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:166 Resp: 4861

Ion	Ratio	Lower	Upper
166	100		
165	103.3	79.2	118.8
167	16.3	11.3	16.9

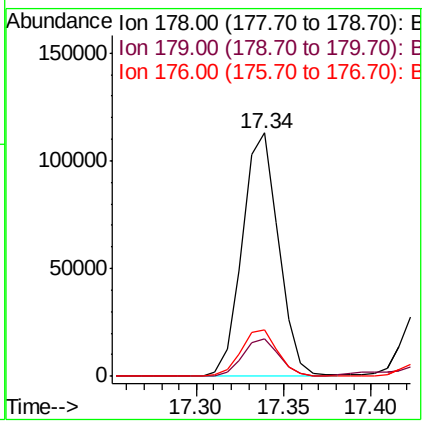




#12
Phenanthrene
Concen: 2.192 ng/ul m
RT: 17.34 min Scan# 2683
Delta R.T. 0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:178 Resp: 163280

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	19.0	14.9	22.3



Instrument :
BNA_E
ClientSampleId :
JLC24

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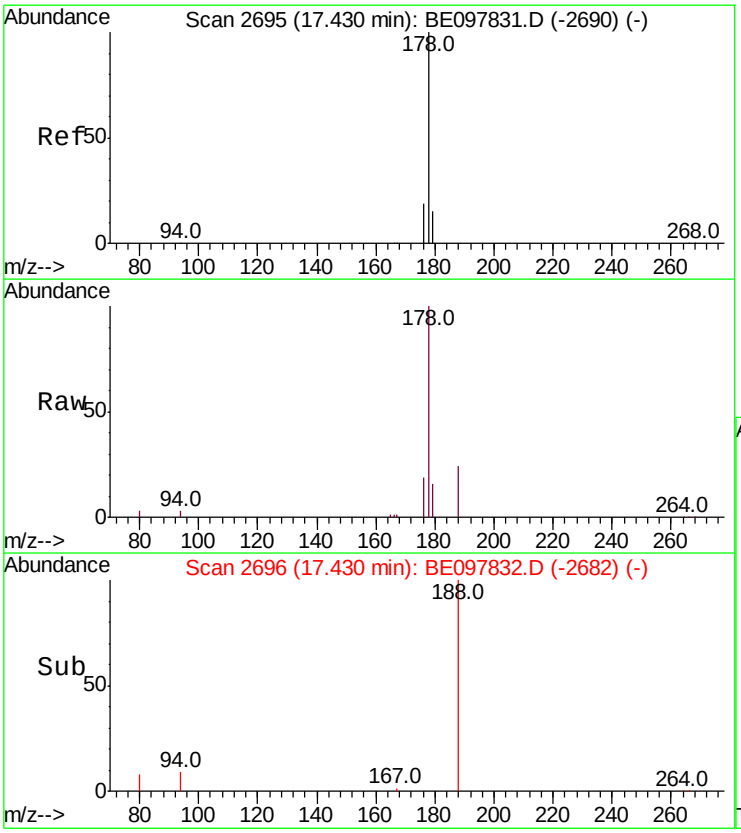
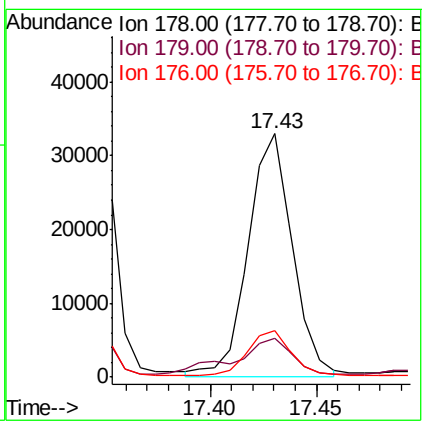
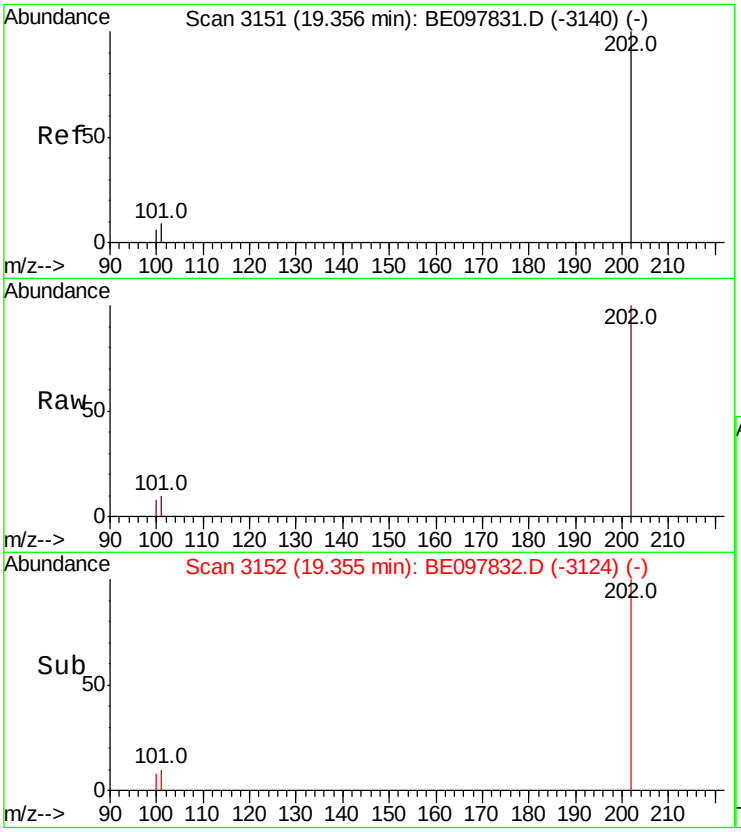


#13
Anthracene
Concen: 0.757 ng/ul m
RT: 17.43 min Scan# 2696
Delta R.T. 0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:178 Resp: 47903

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.0	15.5	23.3

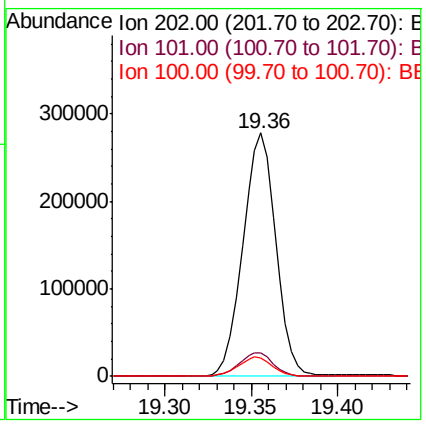




#15
Fluoranthene
Concen: 3.747 ng/ul m
RT: 19.36 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:202 Resp: 367915

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.3
100	7.7	0.0	27.5



Instrument :
BNA_E
ClientSampleId :
JLC24

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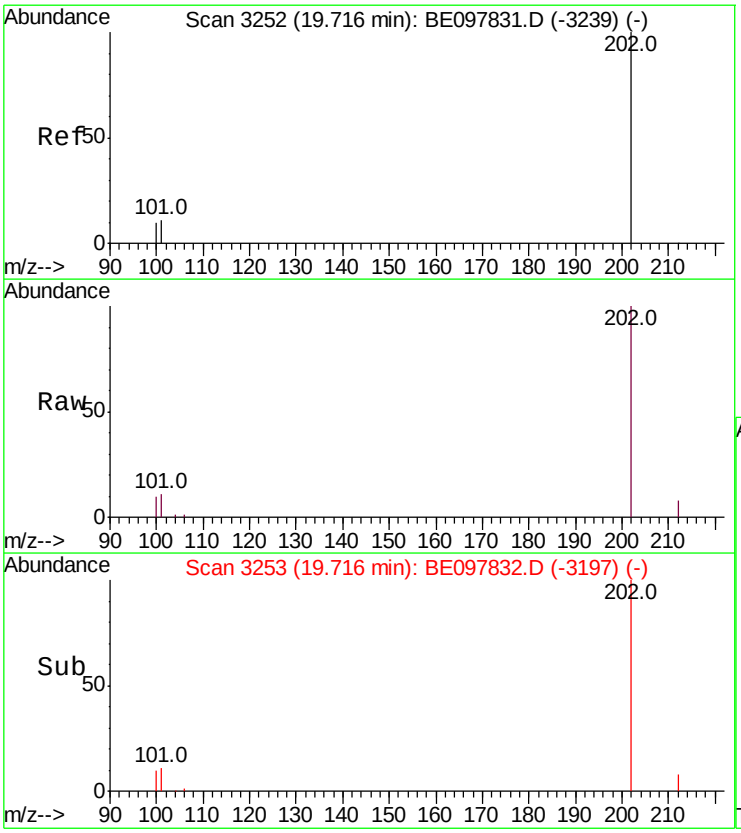
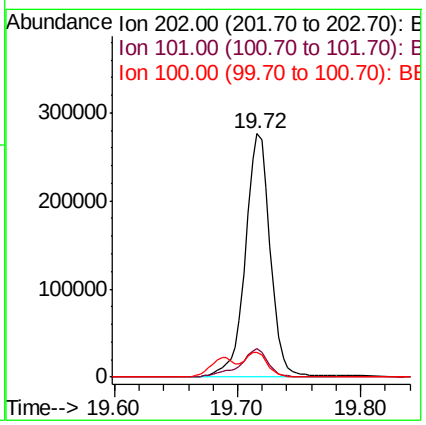
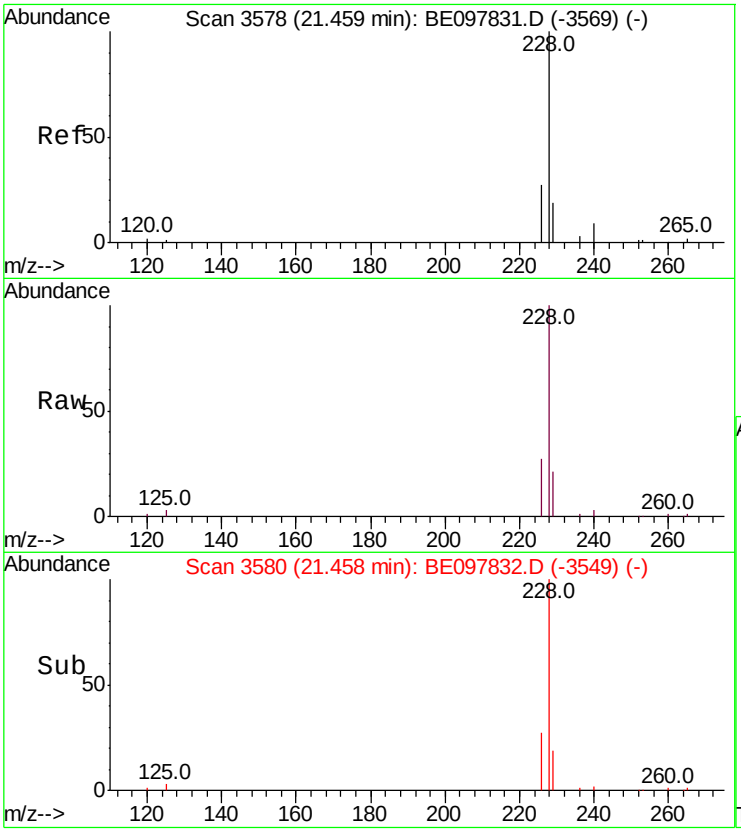


#17
Pyrene
Concen: 4.149 ng/ul
RT: 19.72 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:202 Resp: 384324

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.8	13.2
100	10.2	7.9	11.9

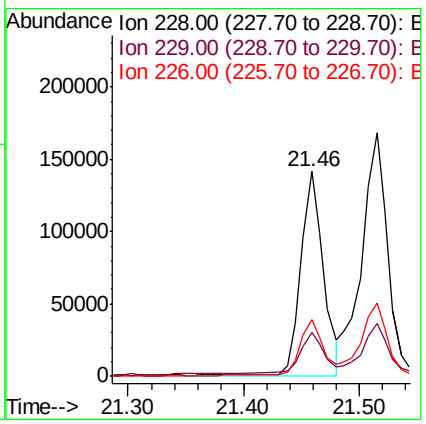




#18
Benzo(a)anthracene
Concen: 1.959 ng/ul
RT: 21.46 min Scan# 3580
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:228 Resp: 204961

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.4	24.6
226	27.4	21.5	32.3



Instrument :
BNA_E
ClientSampleId :
JLC24

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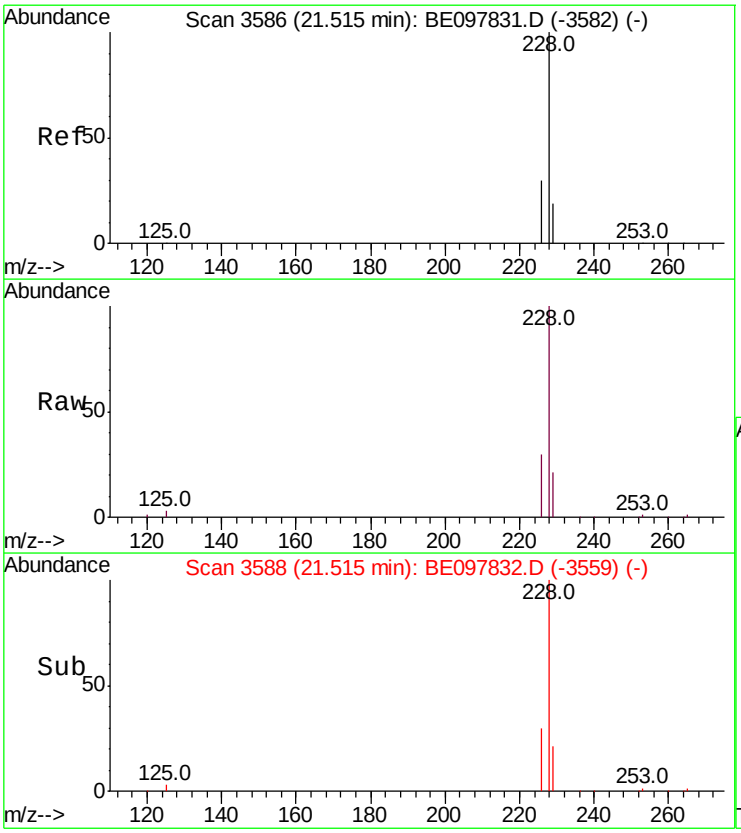
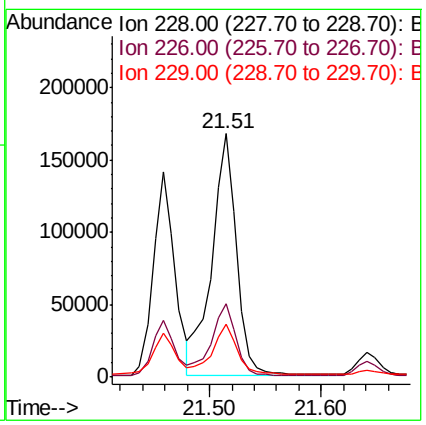
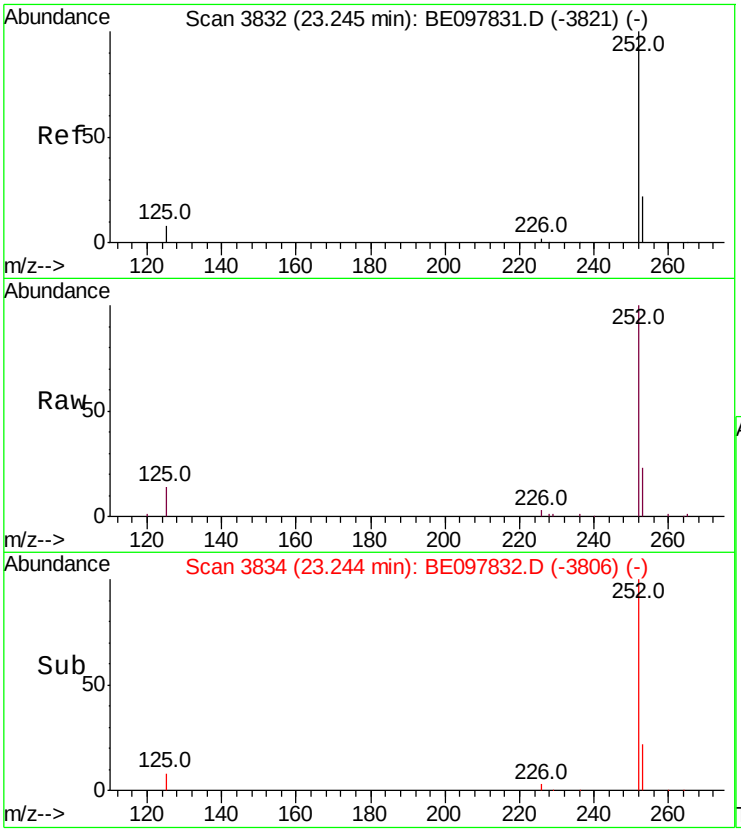


#19
Chrysene
Concen: 2.590 ng/ul
RT: 21.51 min Scan# 3588
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:228 Resp: 261421

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.0	34.4
229	21.5	15.5	23.3

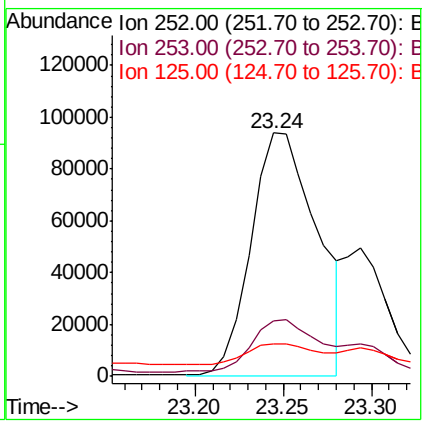




#21
Benzo(b)fluoranthene
Concen: 2.992 ng/ul m
RT: 23.24 min Scan# 3834
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:252 Resp: 244701

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	47.0
125	13.6	0.0	18.2



Instrument :
BNA_E
ClientSampleId :
JLC24

Manual Integrations APPROVED
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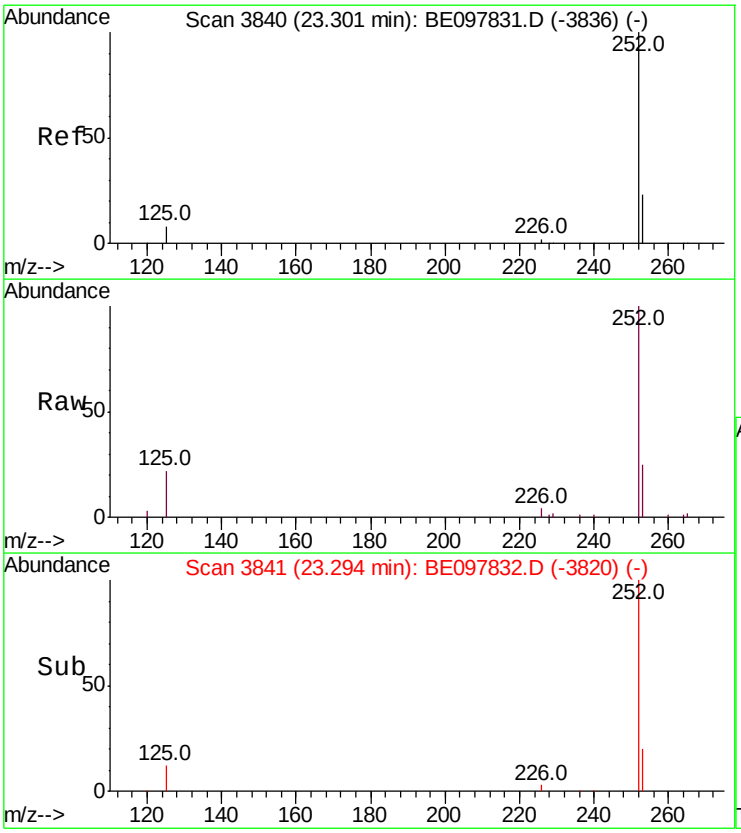
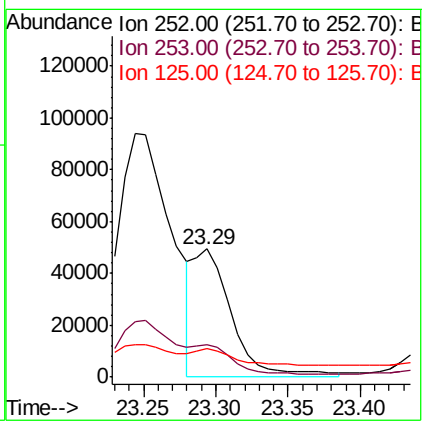
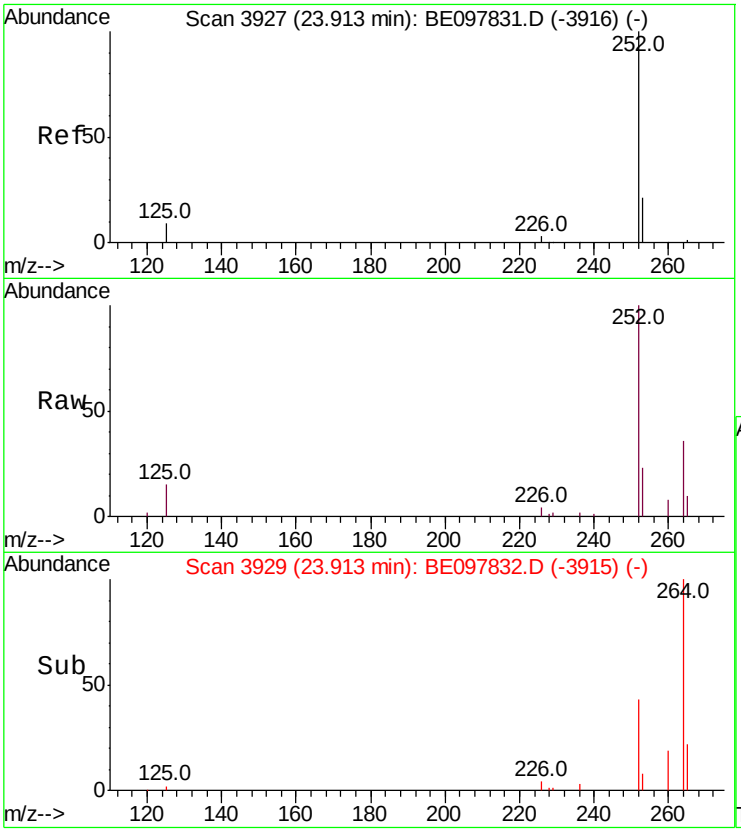


#22
Benzo(k)fluoranthene
Concen: 0.978 ng/ul m
RT: 23.29 min Scan# 3841
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:252 Resp: 90677

Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.8	26.6
125	21.9	9.4	14.0#





#23
Benzo(a)pyrene
Concen: 1.727 ng/ul
RT: 23.91 min Scan# 3929
Delta R.T. -0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:252 Resp: 129247

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.4
125	15.3	8.3	12.5#

Instrument :
BNA_E
ClientSampleId :
JLC24

Manual Integrations APPROVED
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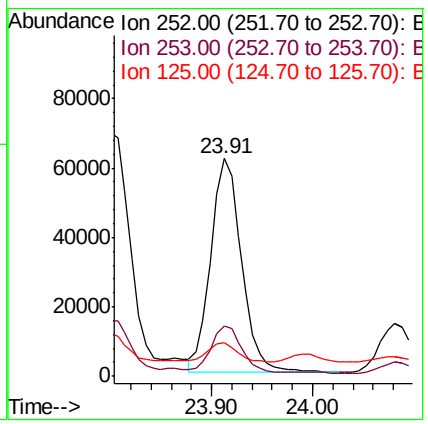
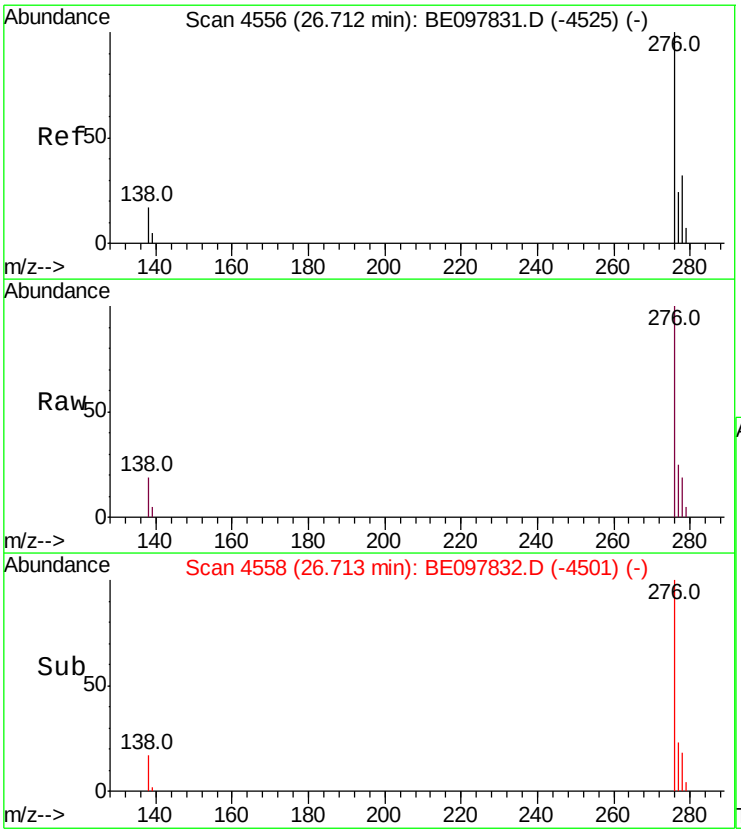
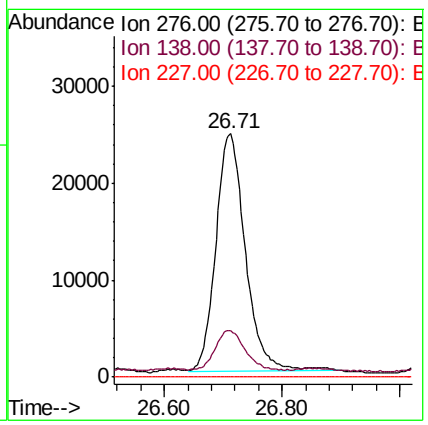


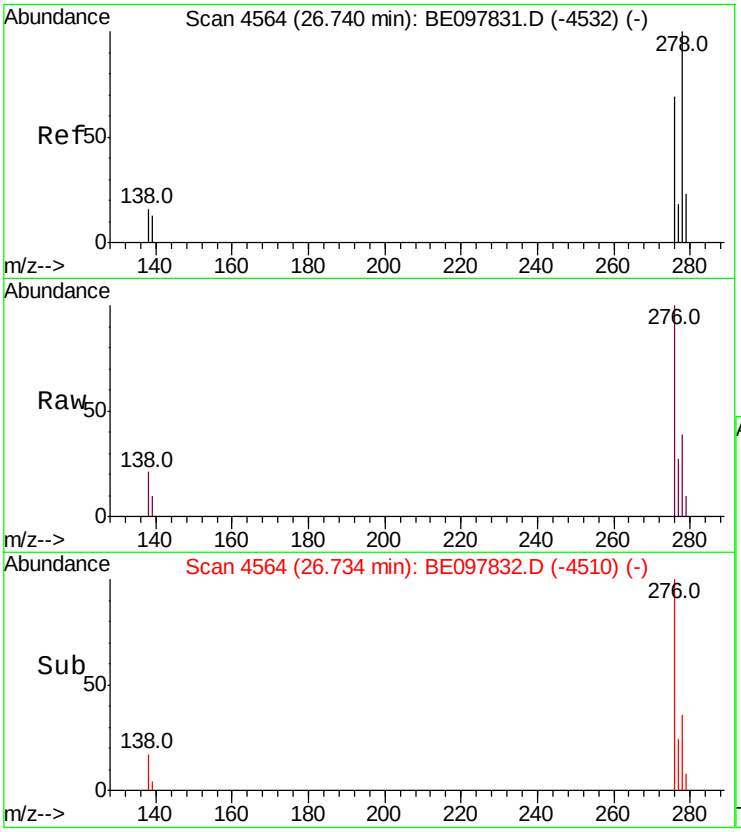


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.007 ng/ul
RT: 26.71 min Scan# 4558
Delta R.T. 0.00 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:276 Resp: 85541

Ion	Ratio	Lower	Upper
276	100		
138	16.8	0.0	0.0#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.306 ng/ul
RT: 26.73 min Scan# 4564
Delta R.T. -0.01 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:278 Resp: 21709

Ion	Ratio	Lower	Upper
278	100		
139	26.7	10.9	16.3#
279	26.8	18.8	28.2

Instrument :
BNA_E
ClientSampleId :
JLC24

Manual Integrations APPROVED
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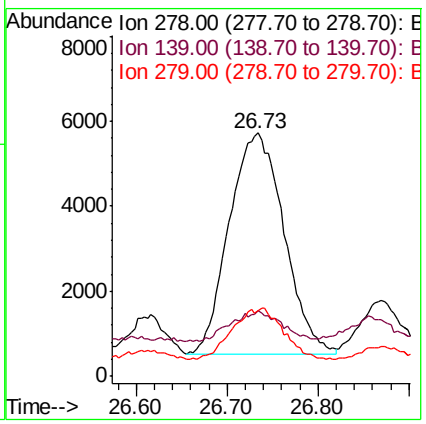
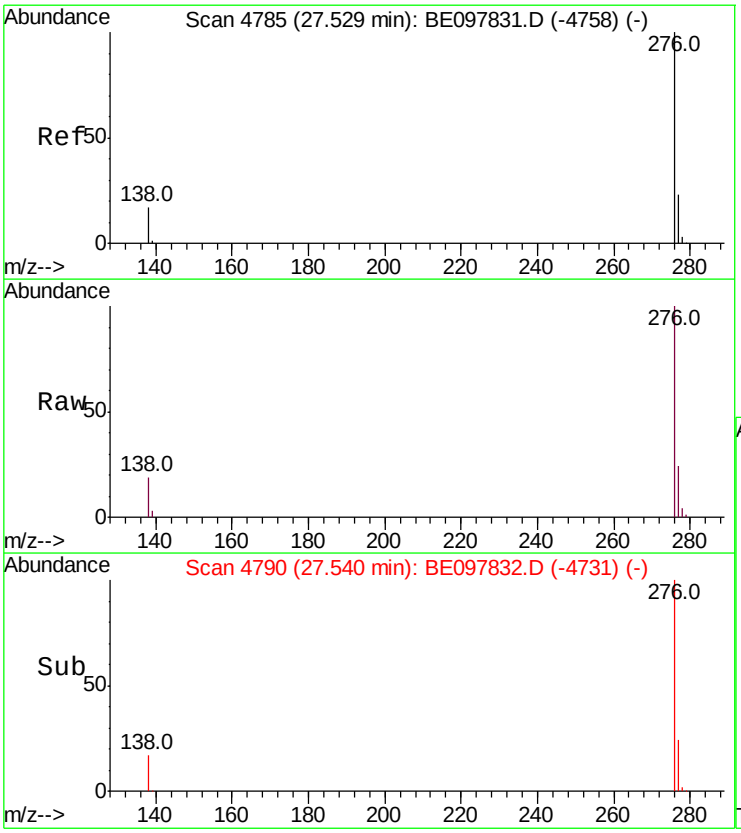
10/11/2018 5:33:27 PM





#26
Benzo(g,h,i)perylene
Concen: 1.217 ng/ul
RT: 27.54 min Scan# 4790
Delta R.T. 0.01 min
Lab File: BE097832.D
Acq: 10 Oct 2018 17:48

Tgt Ion:276 Resp: 97623

Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.3	21.5
277	24.4	19.5	29.3