Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE101118\
Data File : BE097861.D
Acq On : 11 Oct 2018 17:28
Operator : SJ/JU
Sample : J5184-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 11 18:09:12 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 : Thu Oct 11 14:16:20 2018
Response via : Initial Calibration

Instrument : BNA_E
ClientSampleId : JLC26DL

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	2647	0.40	ng/ul	0.00
2) Naphthalene-d8	10.69	136	13404	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	10216	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	28284m	0.40	ng/ul	0.00
16) Chrysene-d12	21.49	240	29851m	0.40	ng/ul	0.00
20) Perylene-d12	24.05	264	27919m	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1184	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	4372m	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	5235	0.160	ng/ul	95
5) 2-Methylnaphthalene	12.36	142	4844	0.205	ng/ul	98
7) Acenaphthylene	14.26	152	1597	0.041	ng/ul#	71
8) Acenaphthene	14.61	153	2308	0.077	ng/ul	95
9) Fluorene	15.60	166	3119	0.080	ng/ul#	95
12) Phenanthrene	17.35	178	53152	0.794	ng/ul	97
13) Anthracene	17.43	178	11550m	0.186	ng/ul	
15) Fluoranthene	19.36	202	123311m	1.434	ng/ul	
17) Pyrene	19.72	202	145826	1.640	ng/ul	99
18) Benzo(a)anthracene	21.47	228	122058m	1.352	ng/ul	
19) Chrysene	21.52	228	389268	4.800	ng/ul	96
21) Benzo(b)fluoranthene	23.26	252	286234m	3.836	ng/ul	
22) Benzo(k)fluoranthene	23.31	252	82988m	1.039	ng/ul	
23) Benzo(a)pyrene	23.93	252	95555m	1.304	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.74	276	138711m	1.668	ng/ul	
25) Dibenzo(a,h)anthracene	26.76	278	34607m	0.503	ng/ul	
26) Benzo(g,h,i)perylene	27.57	276	178147m	2.458	ng/ul	

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

Quantitation Report (QT Reviewed)

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Acq On : 11 Oct 2018 17:28
Operator : SJ/JU
Sample : J5184-07DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 11 18:09:12 2018
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 14:16:20 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
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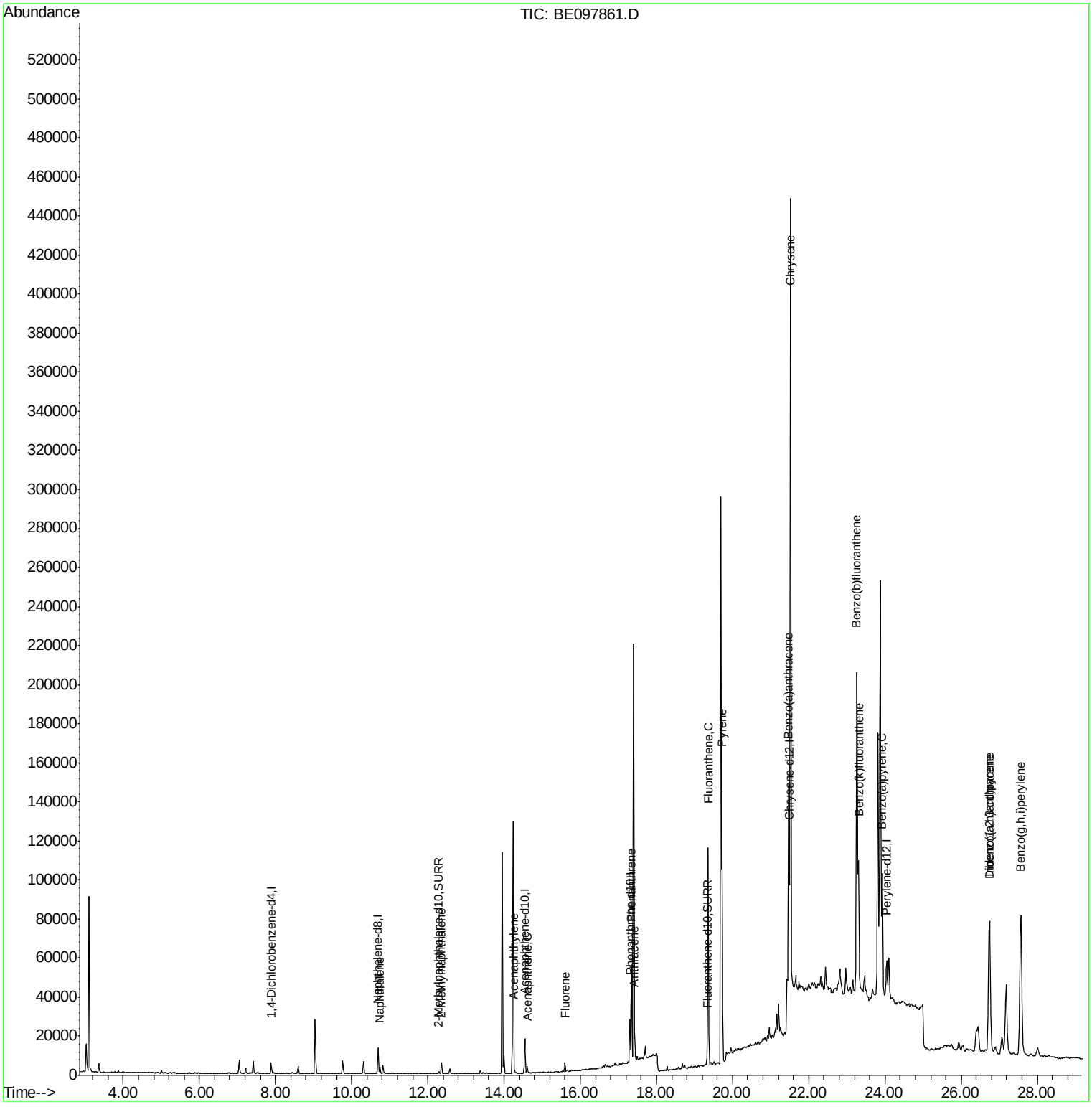
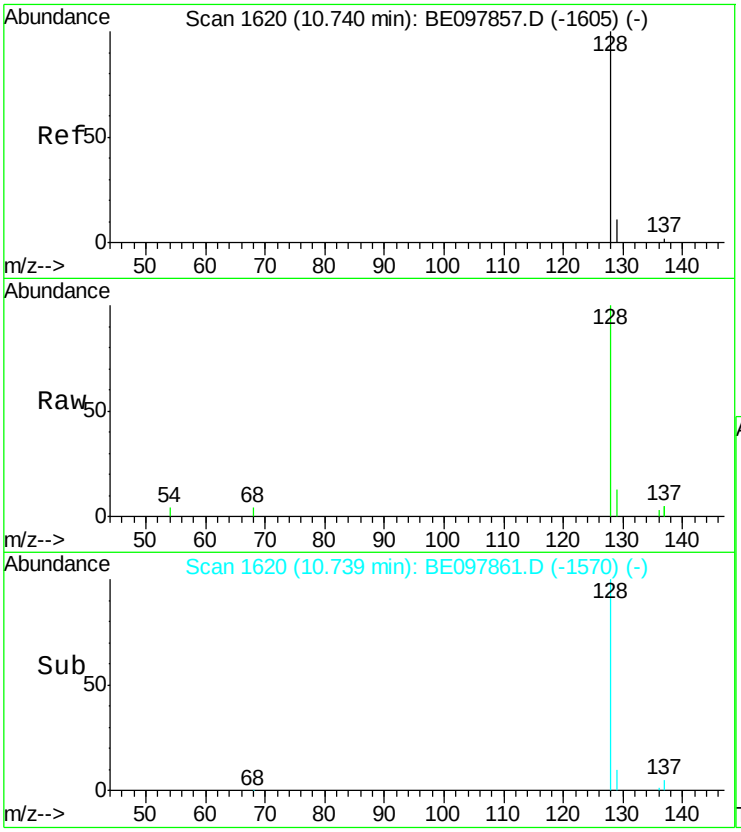
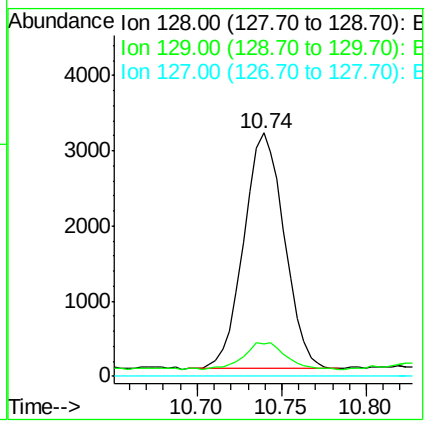




#3
Naphthalene
Concen: 0.160 ng/ul
RT: 10.74 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:128 Resp: 5235

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
JLC26DL

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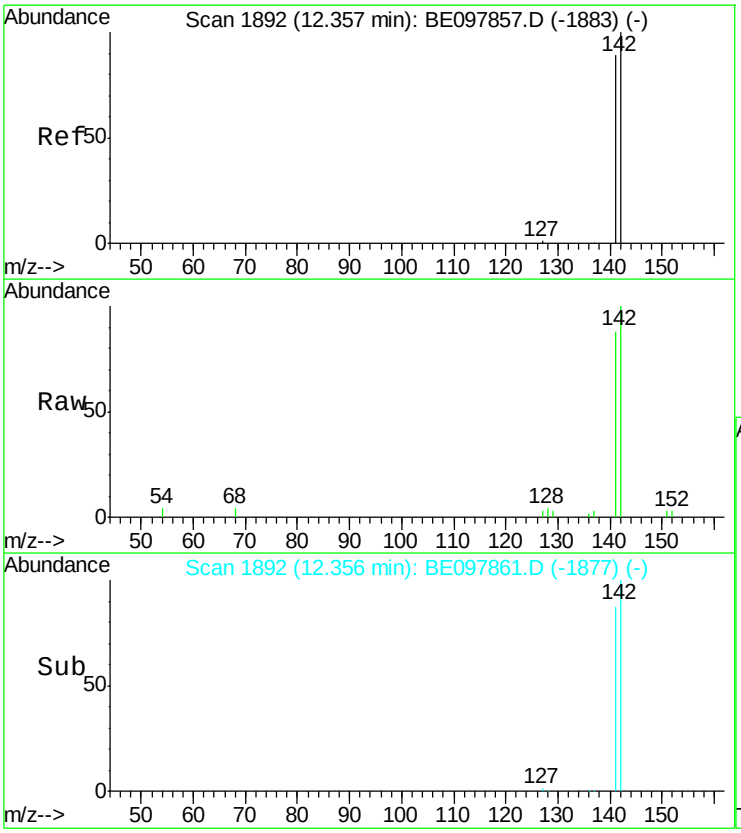
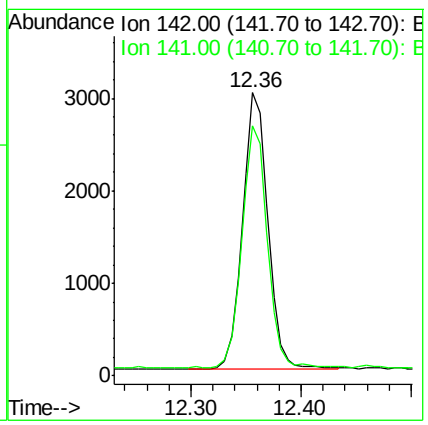
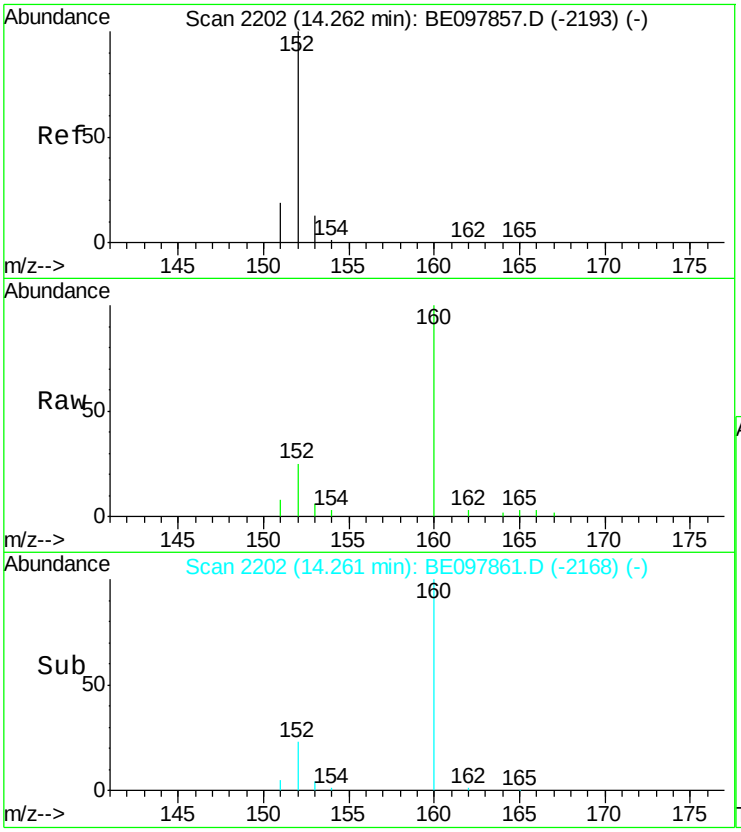


#5
2-Methylnaphthalene
Concen: 0.205 ng/ul
RT: 12.36 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:142 Resp: 4844

Ion	Ratio	Lower	Upper
142	100		
141	87.3	71.6	107.4





#7
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.26 min Scan# 2202
Delta R.T. 0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:152 Resp: 1597

Ion	Ratio	Lower	Upper
152	100		
151	32.4	15.0	22.6#
153	24.1	10.5	15.7#

Instrument :
BNA_E
ClientSampleId :
JLC26DL

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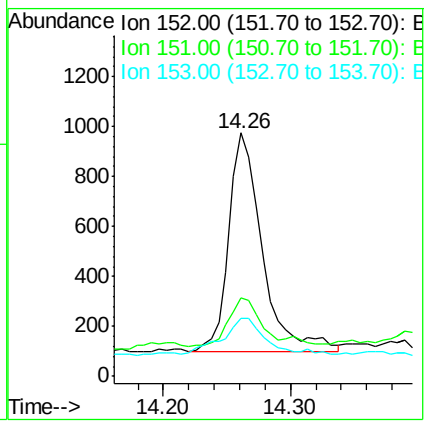
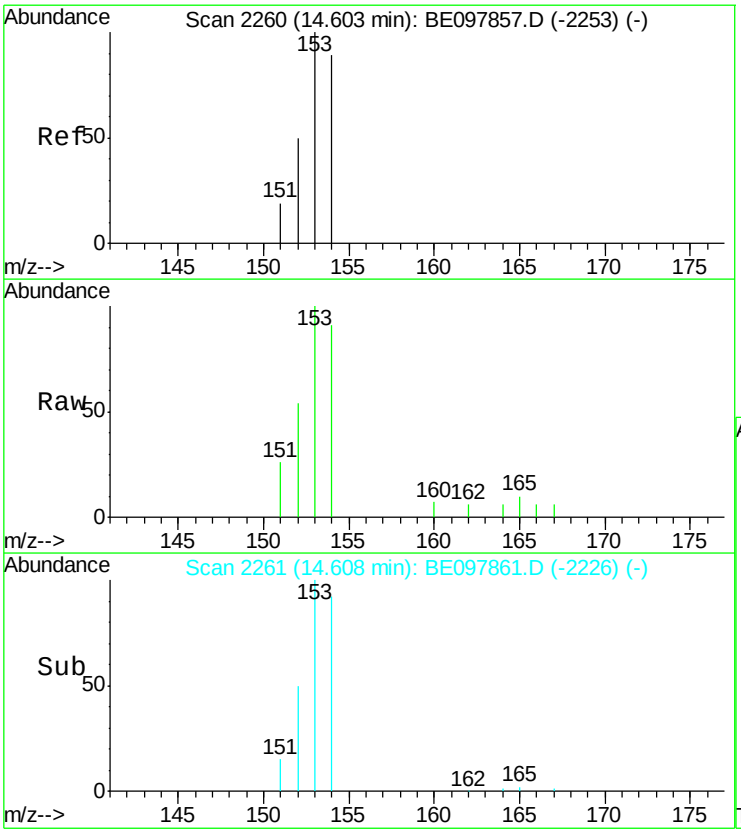
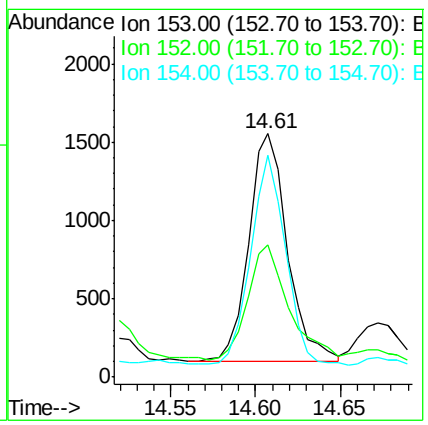


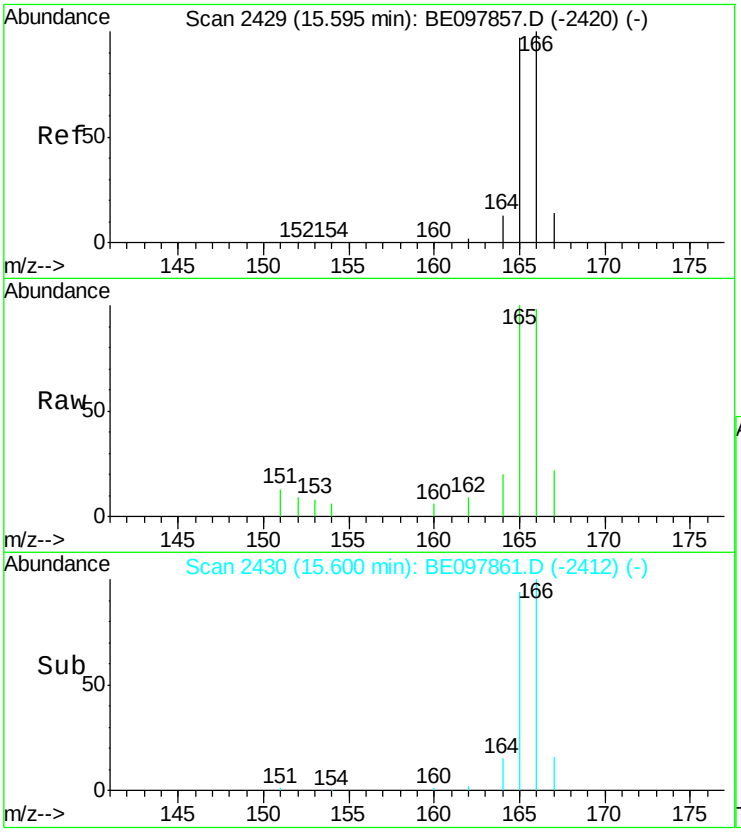


#8
Acenaphthene
Concen: 0.077 ng/ul
RT: 14.61 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:153 Resp: 2308

Ion	Ratio	Lower	Upper
153	100		
152	54.2	41.2	61.8
154	91.3	68.6	103.0

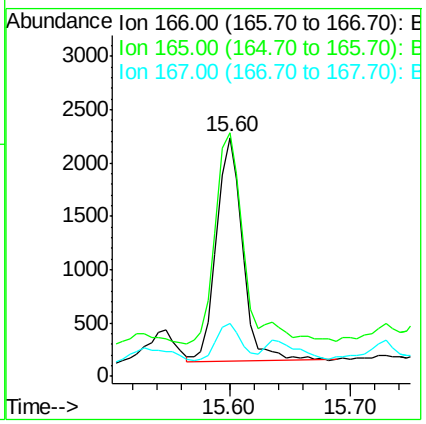




#9
Fluorene
Concen: 0.080 ng/ul
RT: 15.60 min Scan# 2430
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:166 Resp: 3119

Ion	Ratio	Lower	Upper
166	100		
165	102.0	79.2	118.8
167	22.0	11.3	16.9#



Instrument :
BNA_E
ClientSampleId :
JLC26DL

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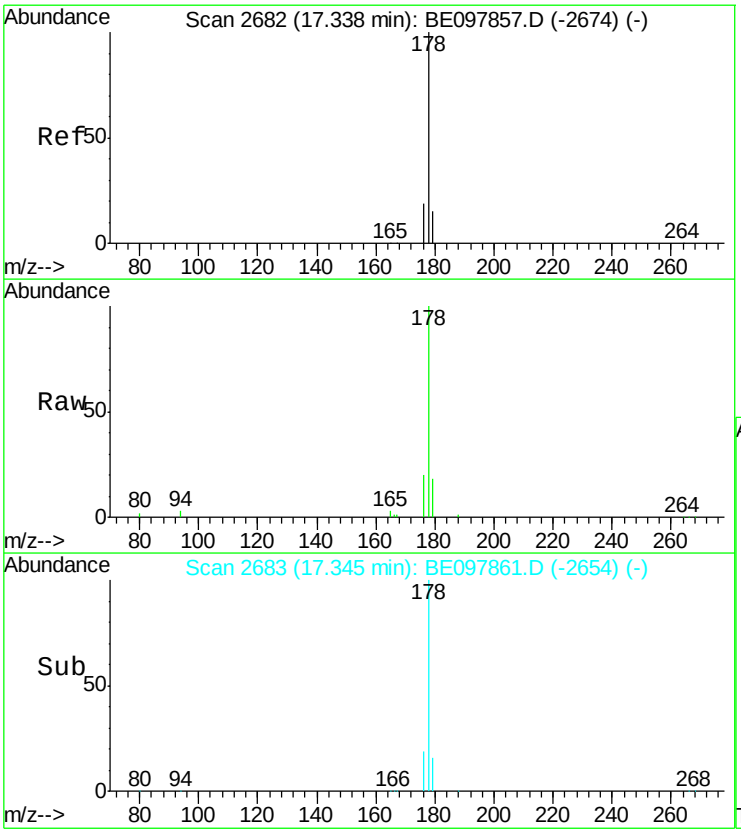
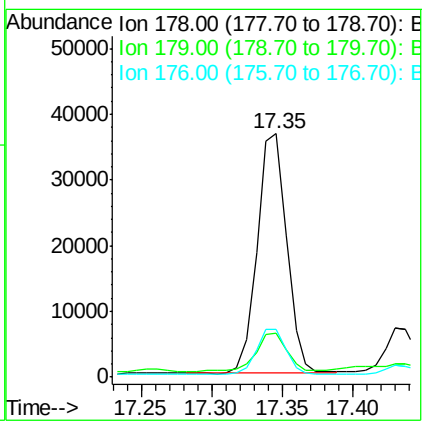
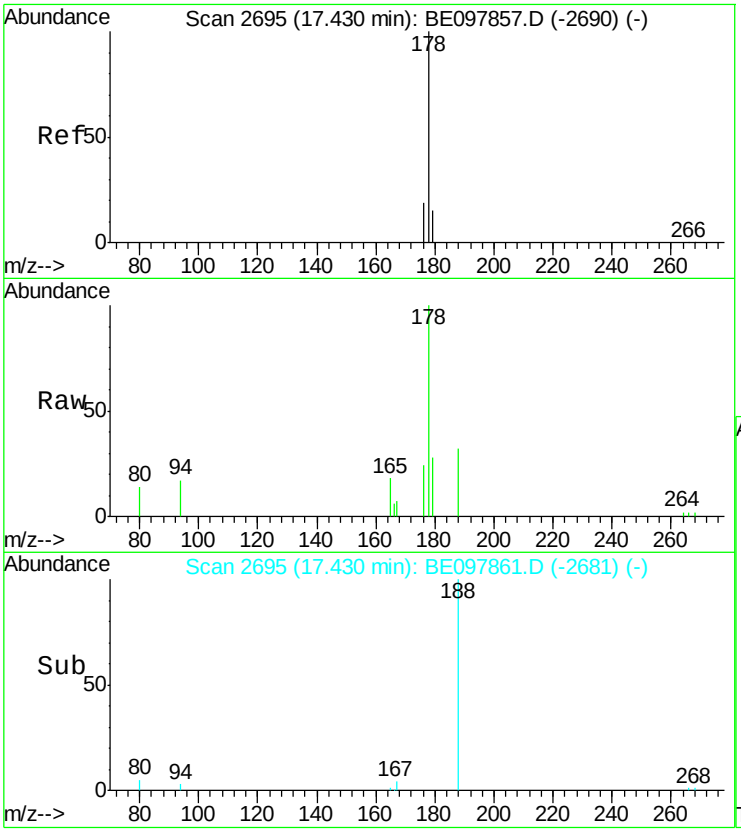


#12
Phenanthrene
Concen: 0.794 ng/ul
RT: 17.35 min Scan# 2683
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:178 Resp: 53152

Ion	Ratio	Lower	Upper
178	100		
179	17.8	12.8	19.2
176	19.6	14.9	22.3

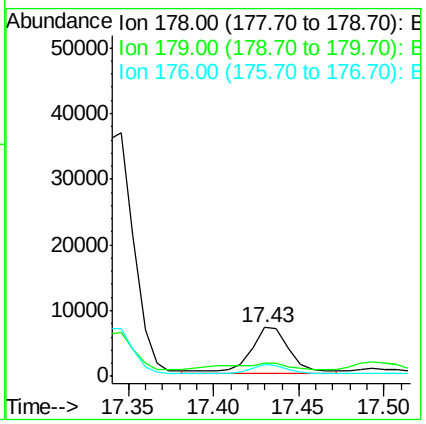




#13
Anthracene
Concen: 0.186 ng/ul m
RT: 17.43 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:178 Resp: 11550

Ion	Ratio	Lower	Upper
178	100		
179	27.9	12.9	19.3#
176	23.5	15.5	23.3#



Instrument :
BNA_E
ClientSampleId :
JLC26DL

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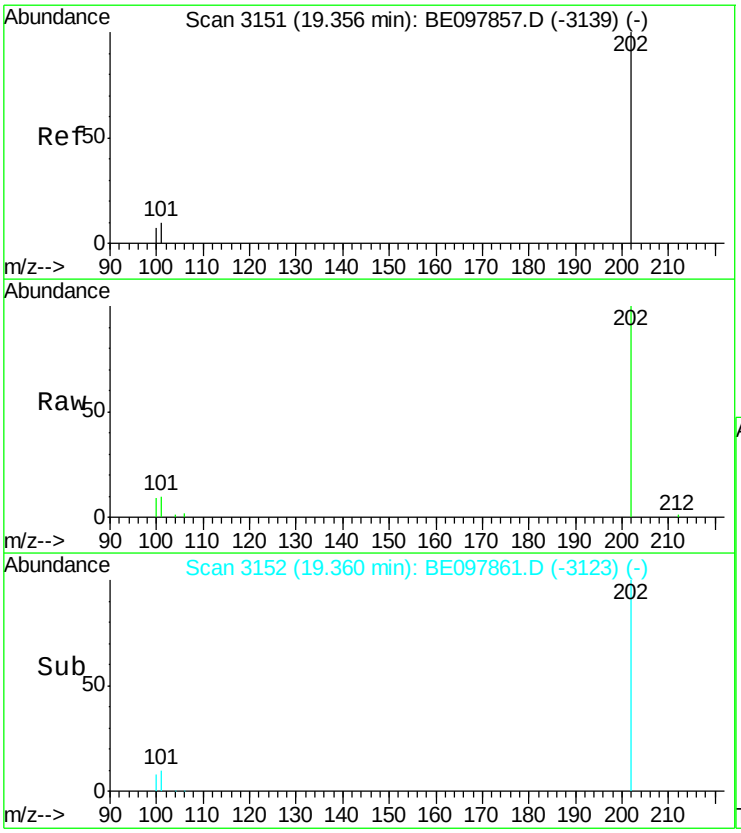
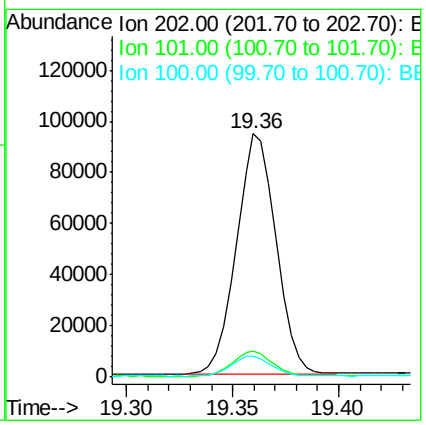
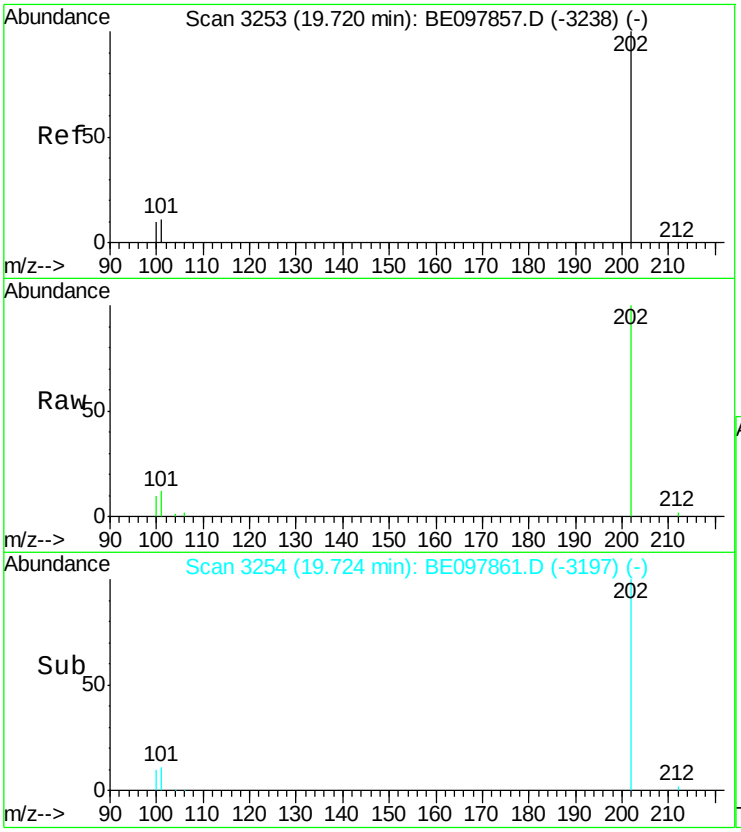


#15
Fluoranthene
Concen: 1.434 ng/ul m
RT: 19.36 min Scan# 3152
Delta R.T. 0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:202 Resp: 123311

Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	29.3
100	8.6	0.0	27.5

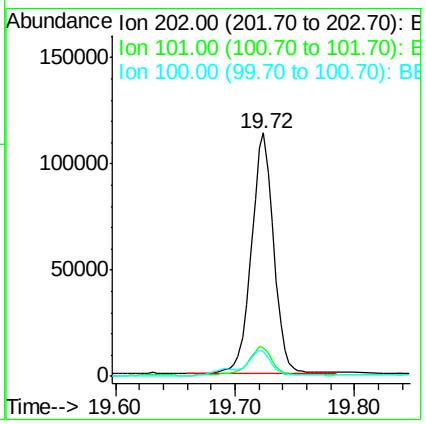




#17
Pyrene
Concen: 1.640 ng/ul
RT: 19.72 min Scan# 3254
Delta R.T. 0.00 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:202 Resp: 145826

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.8	13.2
100	10.0	7.9	11.9



Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
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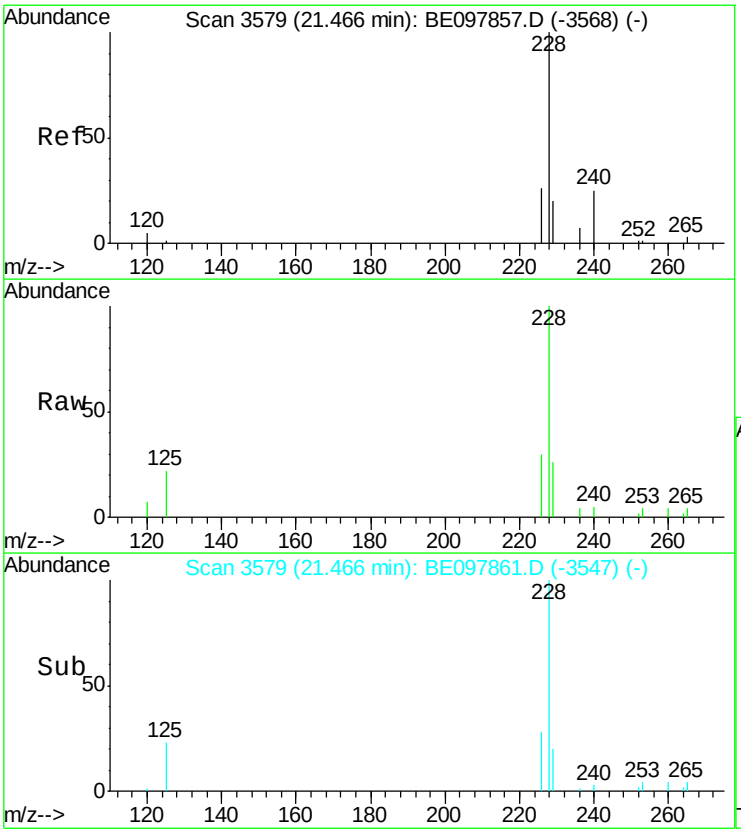
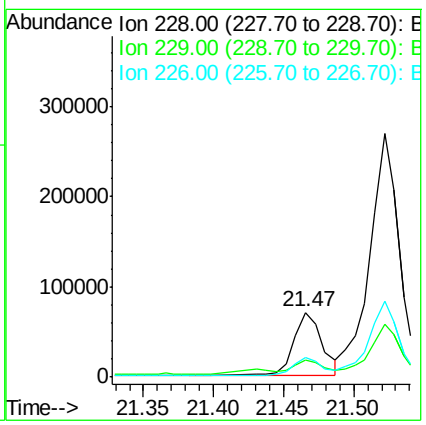
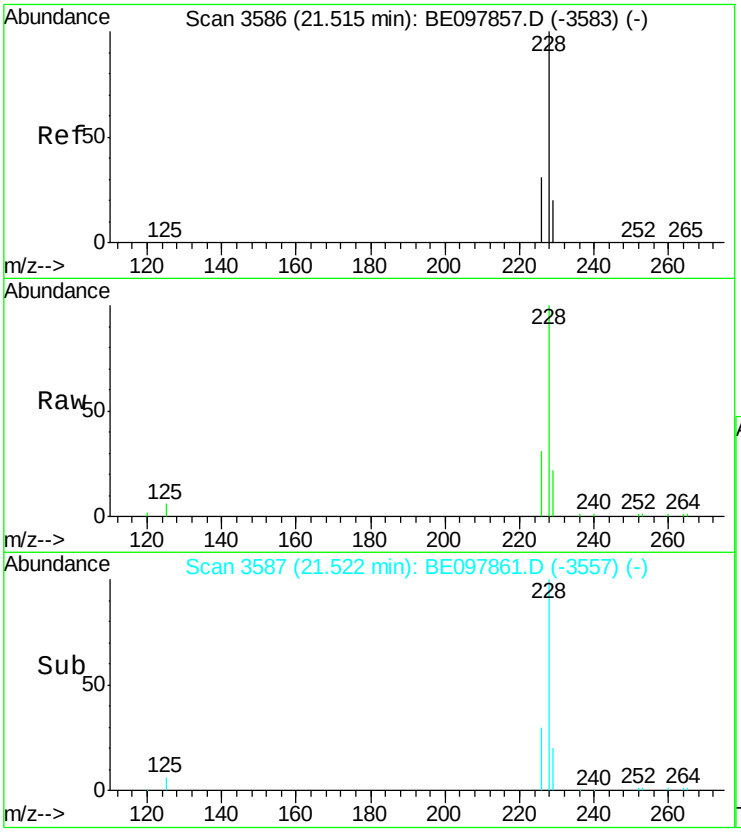


#18
Benzo(a)anthracene
Concen: 1.352 ng/ul m
RT: 21.47 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:228 Resp: 122058

Ion	Ratio	Lower	Upper
228	100		
229	25.9	16.4	24.6#
226	29.9	21.5	32.3

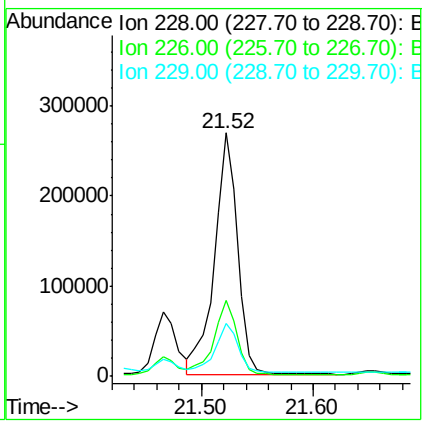




#19
Chrysene
Concen: 4.800 ng/ul
RT: 21.52 min Scan# 3587
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:228 Resp: 389268

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.4
229	21.6	15.5	23.3



Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
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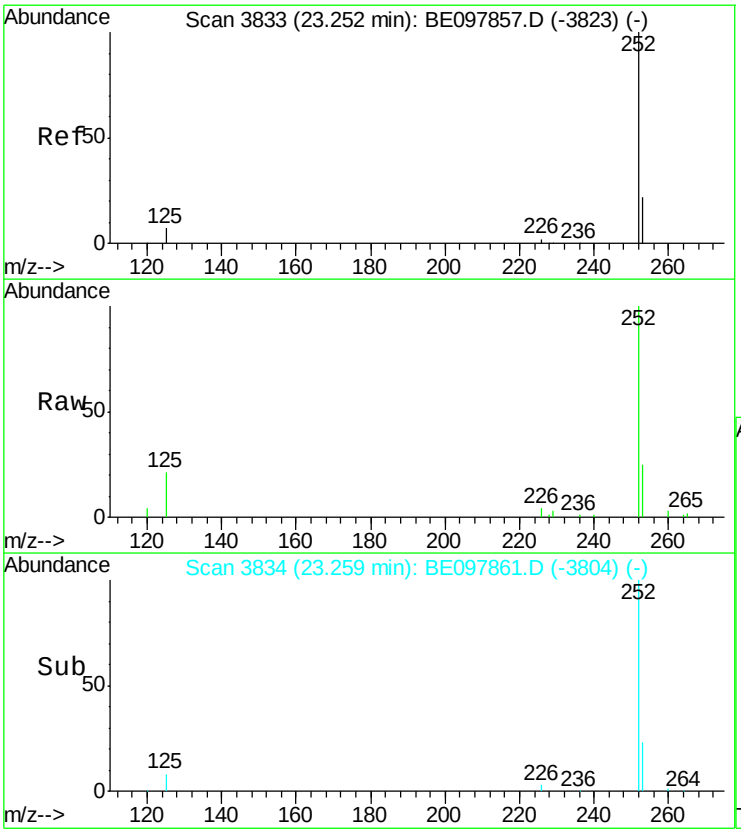
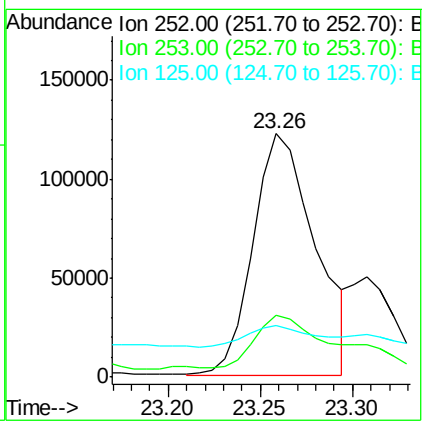
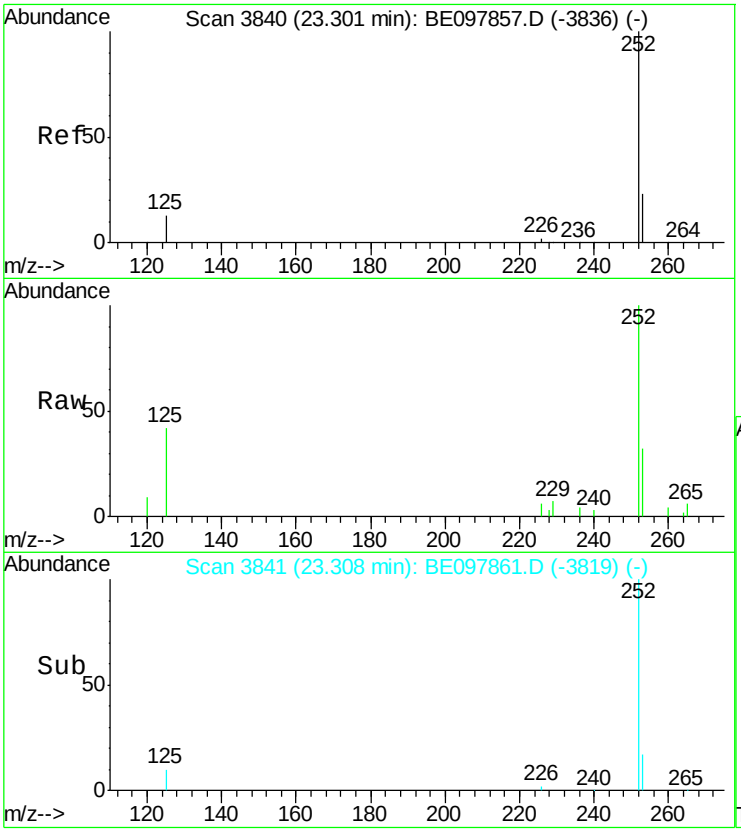


#21
Benzo(b)fluoranthene
Concen: 3.836 ng/ul m
RT: 23.26 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:252 Resp: 286234

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	47.0
125	21.4	0.0	18.2#





#22
Benzo(k)fluoranthene
Concen: 1.039 ng/ul m
RT: 23.31 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:252 Resp: 82988

Ion	Ratio	Lower	Upper
252	100		
253	31.6	17.8	26.6#
125	41.8	9.4	14.0#

Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
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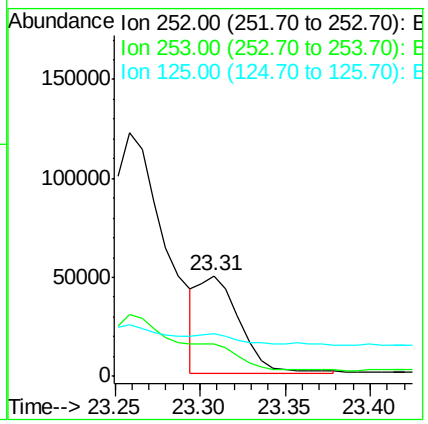
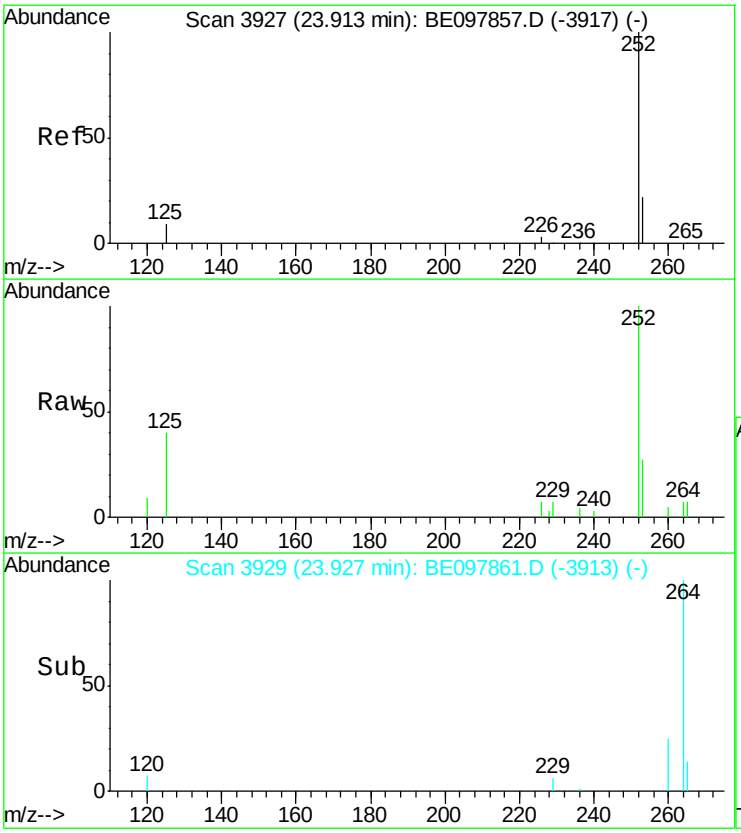
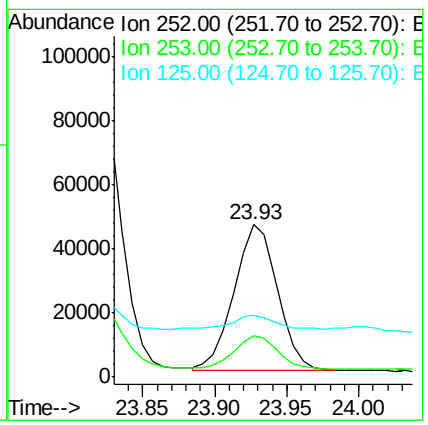


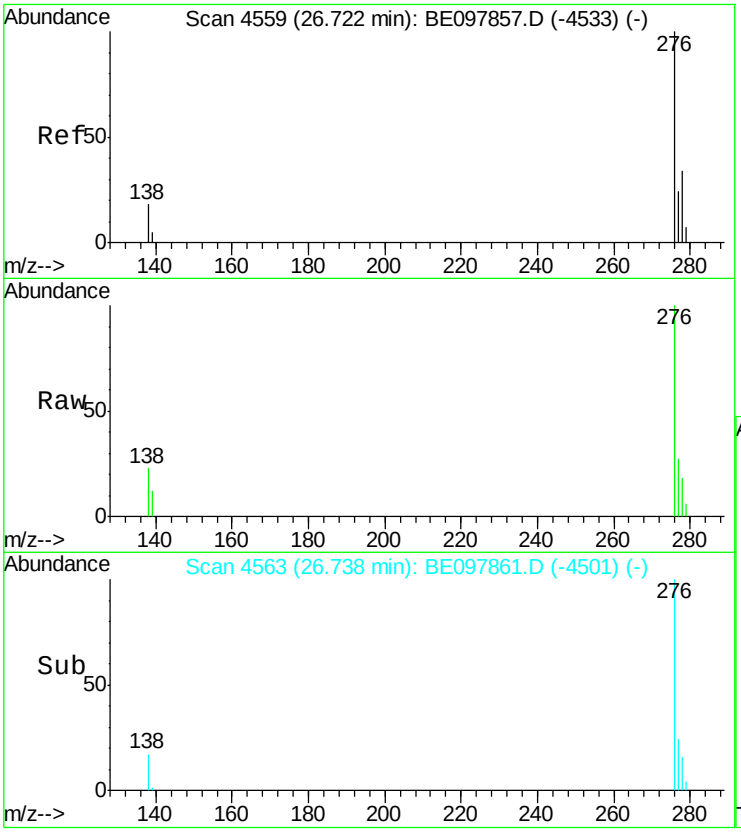


#23
Benzo(a)pyrene
Concen: 1.304 ng/ul m
RT: 23.93 min Scan# 3929
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:252 Resp: 95555

Ion	Ratio	Lower	Upper
252	100		
253	26.8	18.2	27.4
125	40.3	8.3	12.5#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.668 ng/ul m
RT: 26.74 min Scan# 4563
Delta R.T. 0.02 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:276 Resp: 138711

Ion	Ratio	Lower	Upper
276	100		
138	1.5	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
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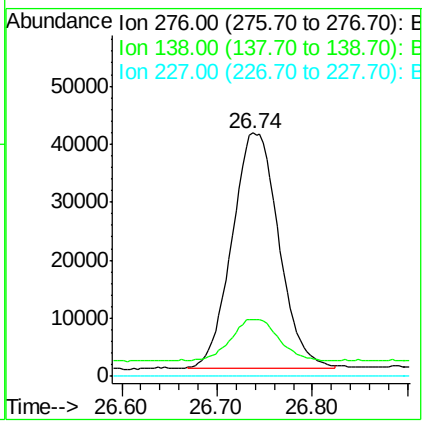
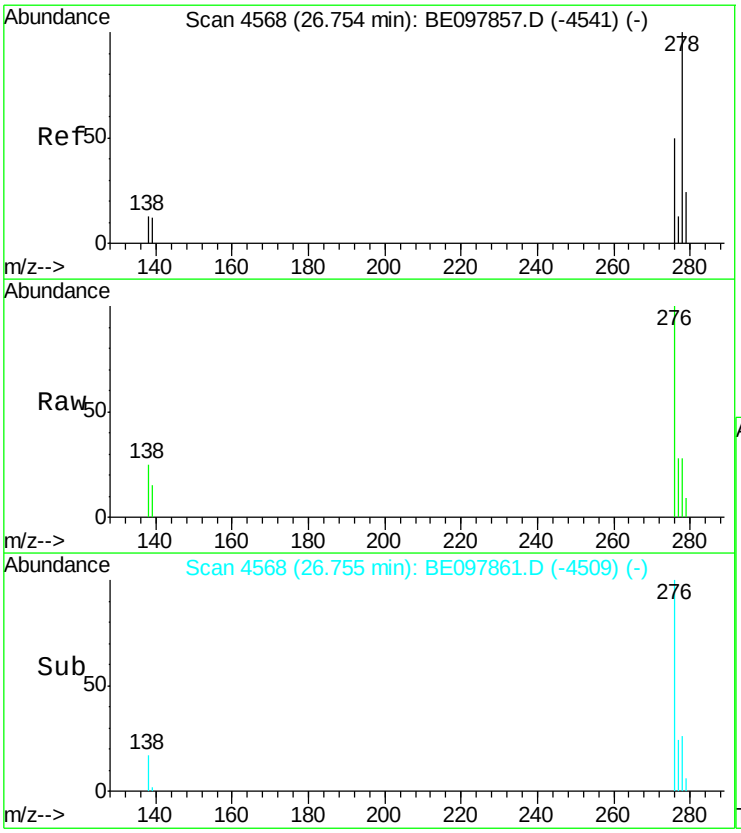
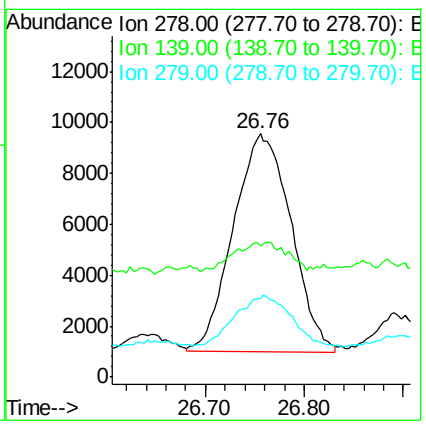


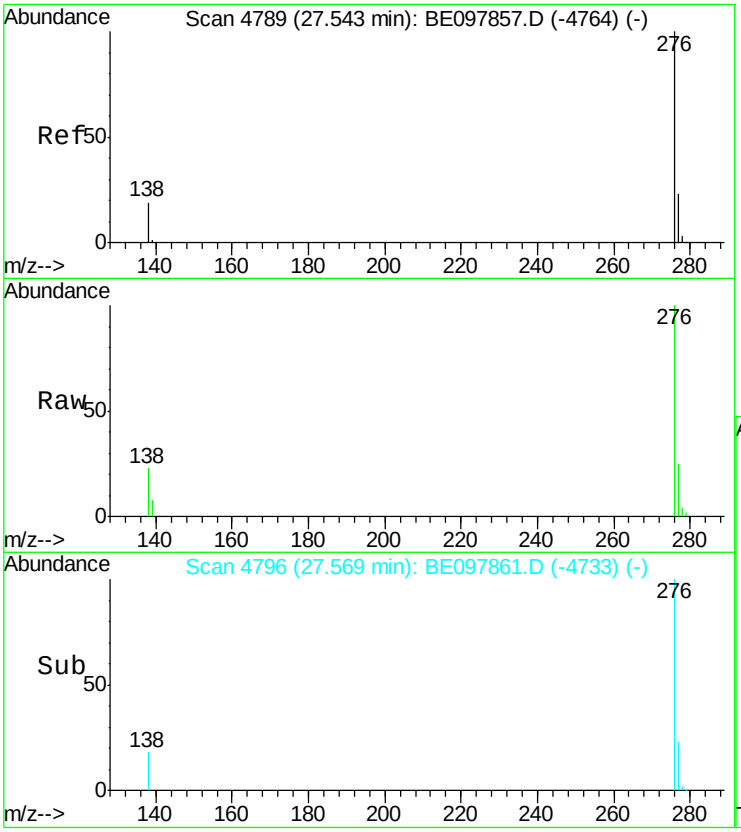


#25
Dibenzo(a,h)anthracene
Concen: 0.503 ng/ul m
RT: 26.76 min Scan# 4568
Delta R.T. 0.01 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:278 Resp: 34607

Ion	Ratio	Lower	Upper
278	100		
139	53.9	10.9	16.3#
279	32.5	18.8	28.2#

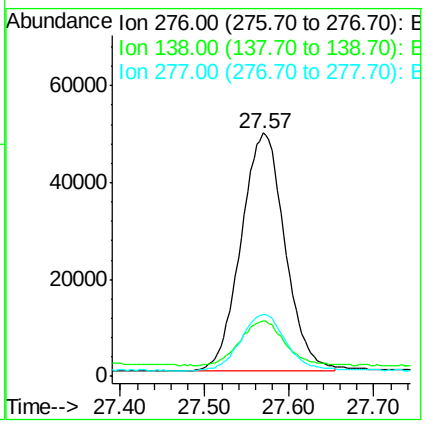




#26
Benzo(g,h,i)perylene
Concen: 2.458 ng/ul m
RT: 27.57 min Scan# 4796
Delta R.T. 0.03 min
Lab File: BE097861.D
Acq: 11 Oct 2018 17:28

Tgt Ion:276 Resp: 178147

Ion	Ratio	Lower	Upper
276	100		
138	22.9	14.3	21.5#
277	25.2	19.5	29.3



Instrument :
BNA_E
ClientSampleId :
JLC26DL

Manual Integrations APPROVED
Sohil
10/12/2018 6:34:51 PM