Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101018\
Data File : BE097834.D
Acq On : 10 Oct 2018 19:00
Operator : SJ/JU
Sample : J5184-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JLC35

Manual Integrations APPROVED
Sohil
10/11/2018 5:33:32 PM

Quant Time: Oct 11 01:34:45 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 : Thu Oct 11 01:20:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	3147	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	15417	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.54	164	12600	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.30	188	35269m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	39201m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	34907m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.28	152	6874	0.28	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	31516m	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.74	128	2471	0.067	ng/ul#	87
8) Acenaphthene	14.61	153	1585	0.043	ng/ul	95
12) Phenanthrene	17.34	178	5440m	0.065	ng/ul	
15) Fluoranthene	19.36	202	9156m	0.082	ng/ul	
17) Pyrene	19.72	202	10621m	0.110	ng/ul	
18) Benzo(a)anthracene	21.46	228	3729m	0.034	ng/ul	
19) Chrysene	21.52	228	7652m	0.073	ng/ul	
21) Benzo(b)fluoranthene	23.25	252	9839m	0.109	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	3466m	0.034	ng/ul	
23) Benzo(a)pyrene	23.91	252	3925	0.048	ng/ul#	31
24) Indeno(1,2,3-cd)pyrene	26.70	276	4299	0.046	ng/ul#	100
26) Benzo(g,h,i)perylene	27.54	276	5041	0.057	ng/ul#	84

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

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Instrument :
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Manual Integrations APPROVED
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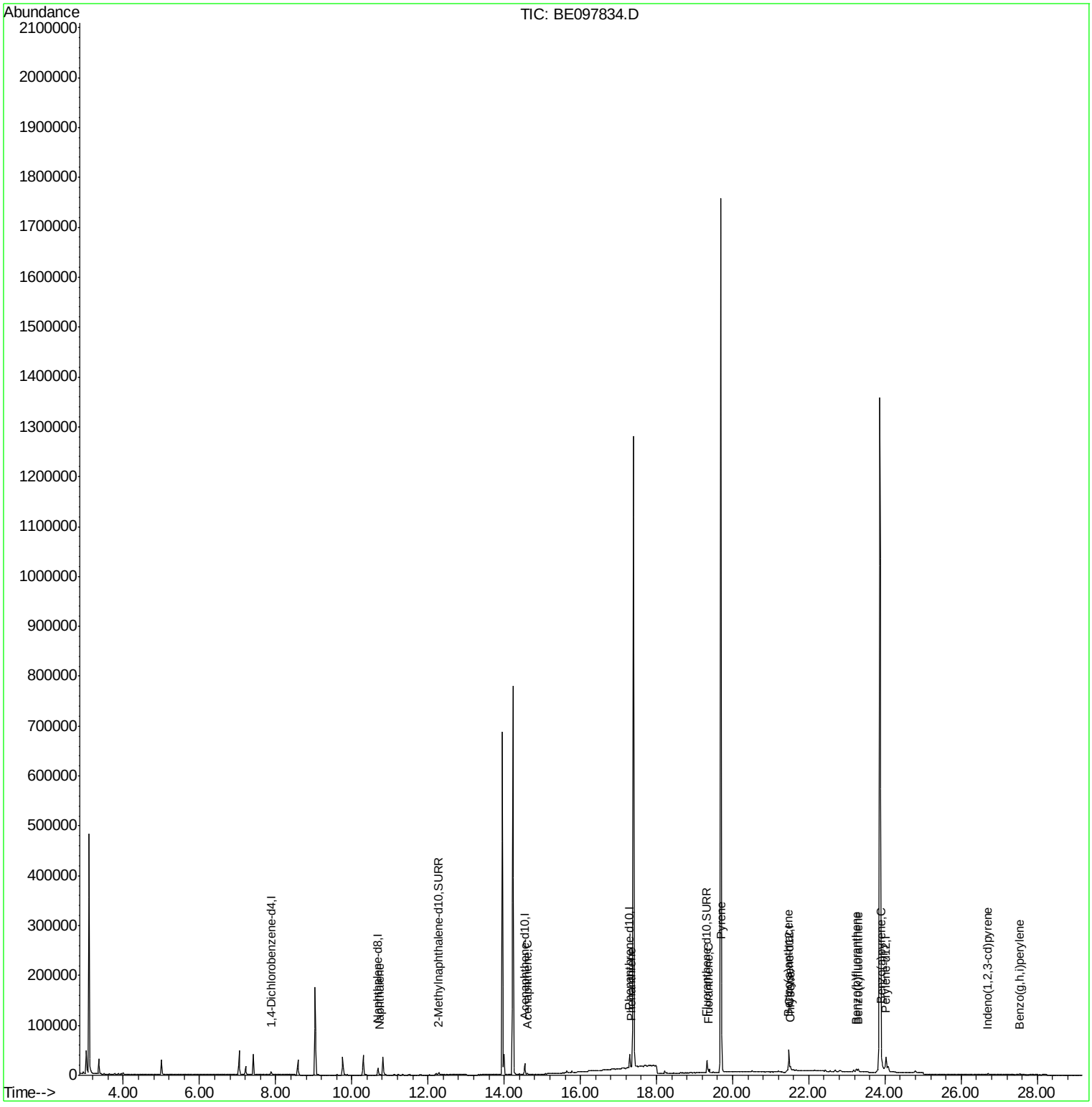
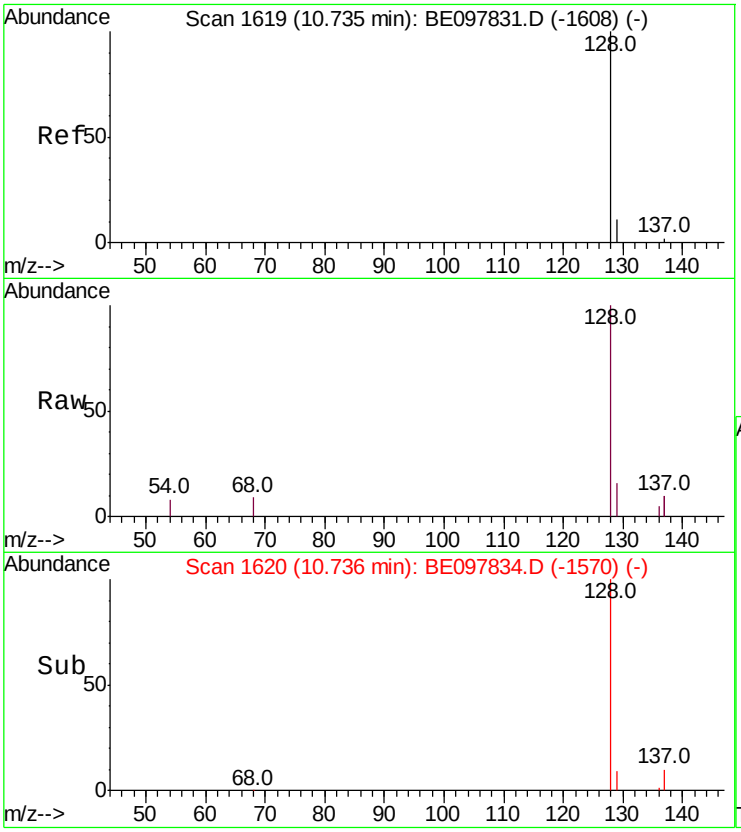
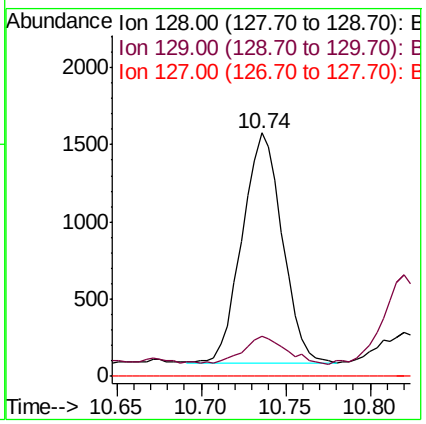




#3
Naphthalene
Concen: 0.067 ng/ul
RT: 10.74 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:128 Resp: 2471

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.1	13.7#
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
JLC35

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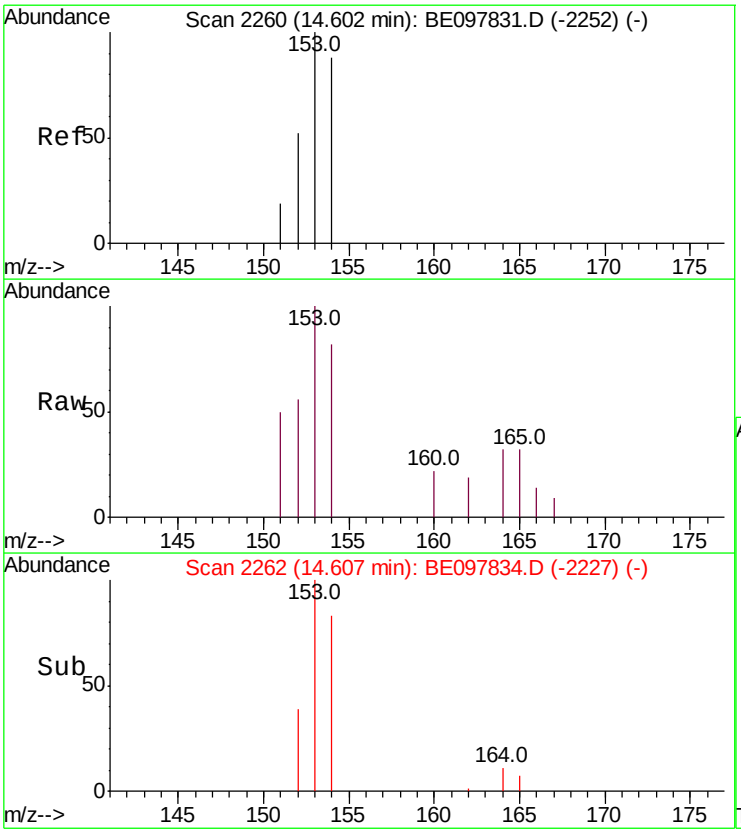
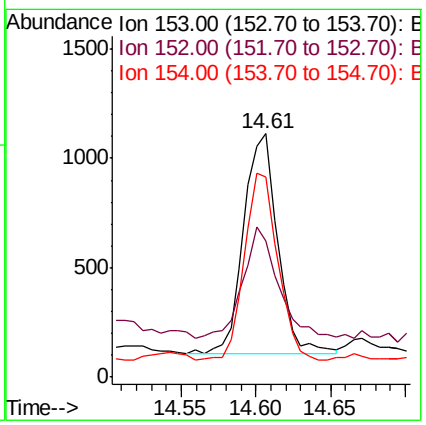
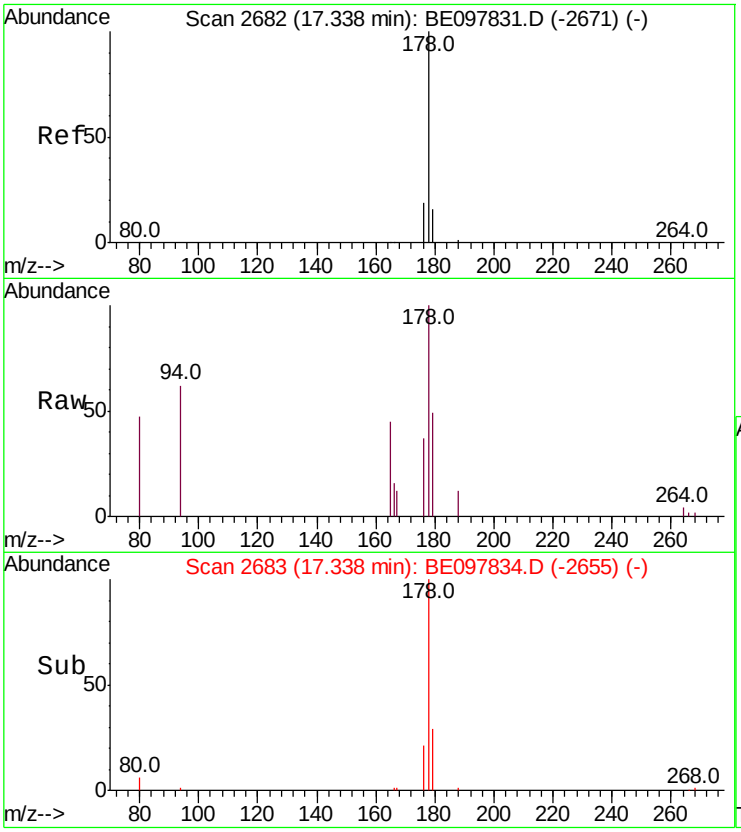


#8
Acenaphthene
Concen: 0.043 ng/ul
RT: 14.61 min Scan# 2262
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:153 Resp: 1585

Ion	Ratio	Lower	Upper
153	100		
152	56.0	41.2	61.8
154	82.4	68.6	103.0

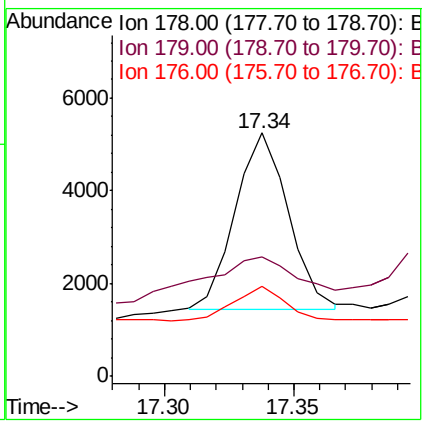




#12
Phenanthrene
Concen: 0.065 ng/ul m
RT: 17.34 min Scan# 2683
Delta R.T. -0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:178 Resp: 5440

Ion	Ratio	Lower	Upper
178	100		
179	48.8	12.8	19.2#
176	37.0	14.9	22.3#



Instrument :
BNA_E
ClientSampleId :
JLC35

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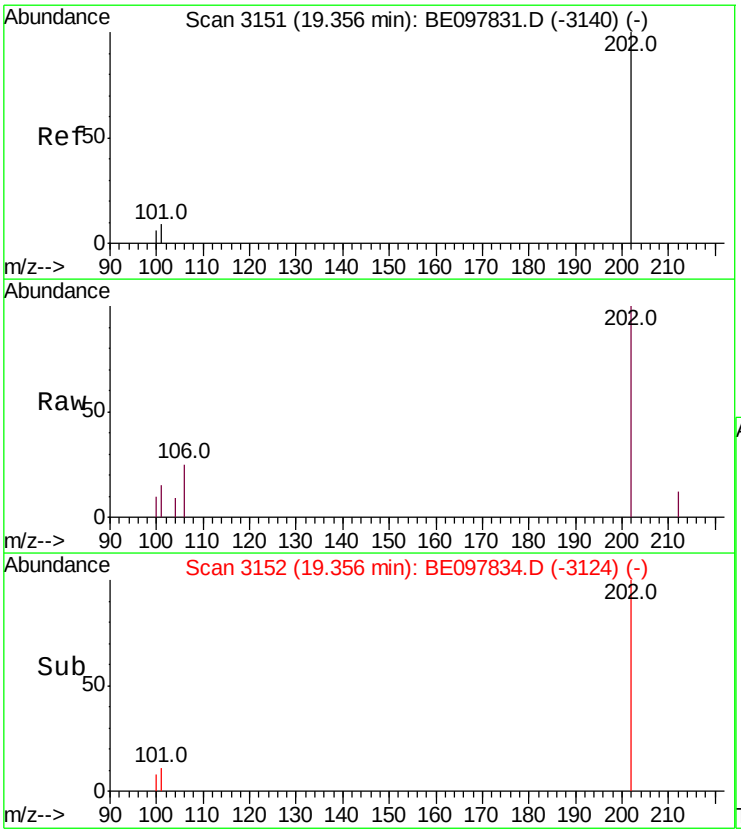
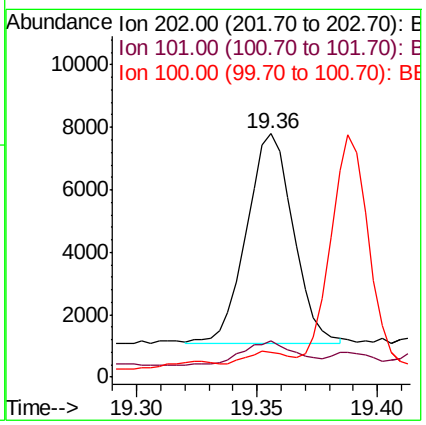
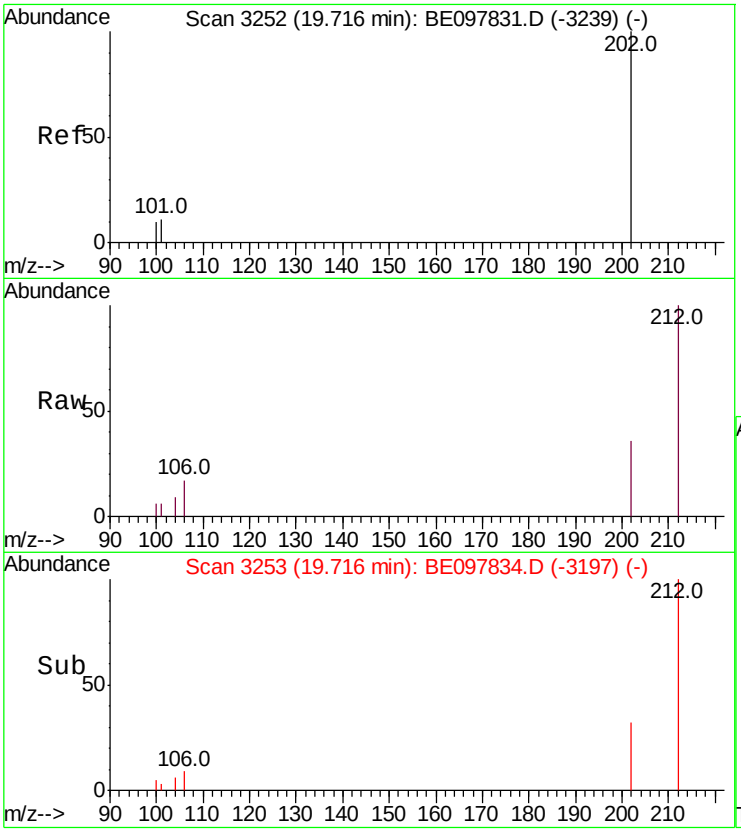


#15
Fluoranthene
Concen: 0.082 ng/ul m
RT: 19.36 min Scan# 3152
Delta R.T. -0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:202 Resp: 9156

Ion	Ratio	Lower	Upper
202	100		
101	14.9	0.0	29.3
100	10.4	0.0	27.5





#17
Pyrene
Concen: 0.110 ng/ul m
RT: 19.72 min Scan# 3253
Delta R.T. -0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:202 Resp: 10621

Ion	Ratio	Lower	Upper
202	100		
101	15.4	8.8	13.2#
100	16.9	7.9	11.9#

Instrument :
BNA_E
ClientSampleId :
JLC35

Manual Integrations APPROVED
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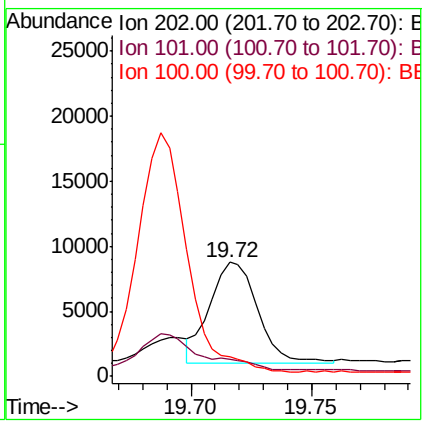
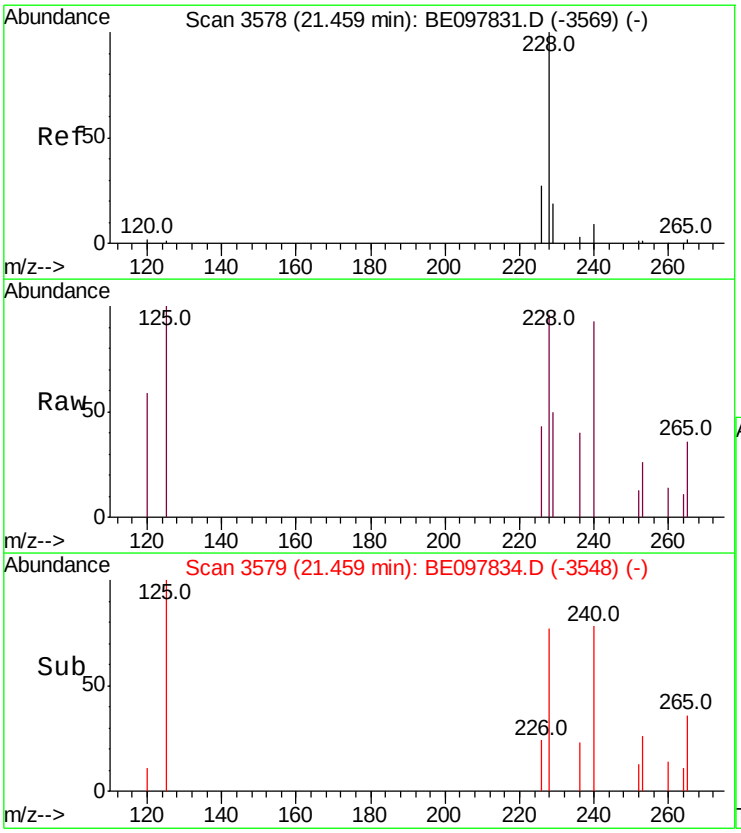
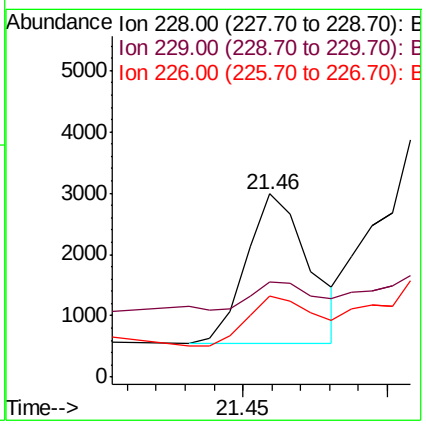


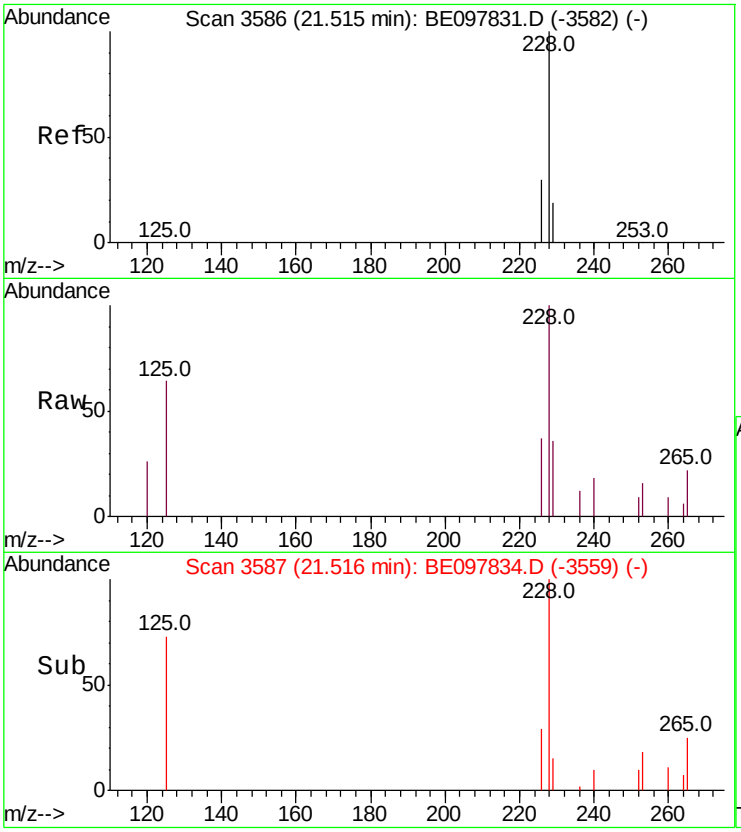


#18
Benzo(a)anthracene
Concen: 0.034 ng/ul m
RT: 21.46 min Scan# 3579
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:228 Resp: 3729

Ion	Ratio	Lower	Upper
228	100		
229	51.7	16.4	24.6#
226	44.4	21.5	32.3#





#19
Chrysene
Concen: 0.073 ng/ul m
RT: 21.52 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:228 Resp: 7652

Ion	Ratio	Lower	Upper
228	100		
226	37.2	23.0	34.4#
229	36.2	15.5	23.3#

Instrument :
BNA_E
ClientSampleId :
JLC35

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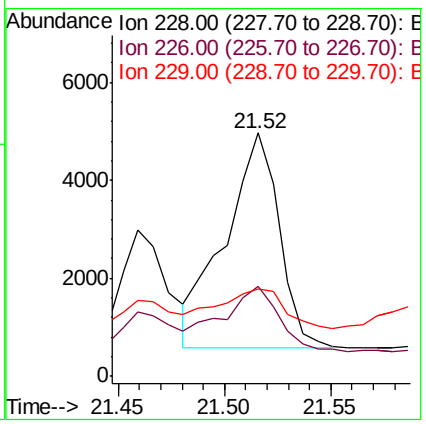
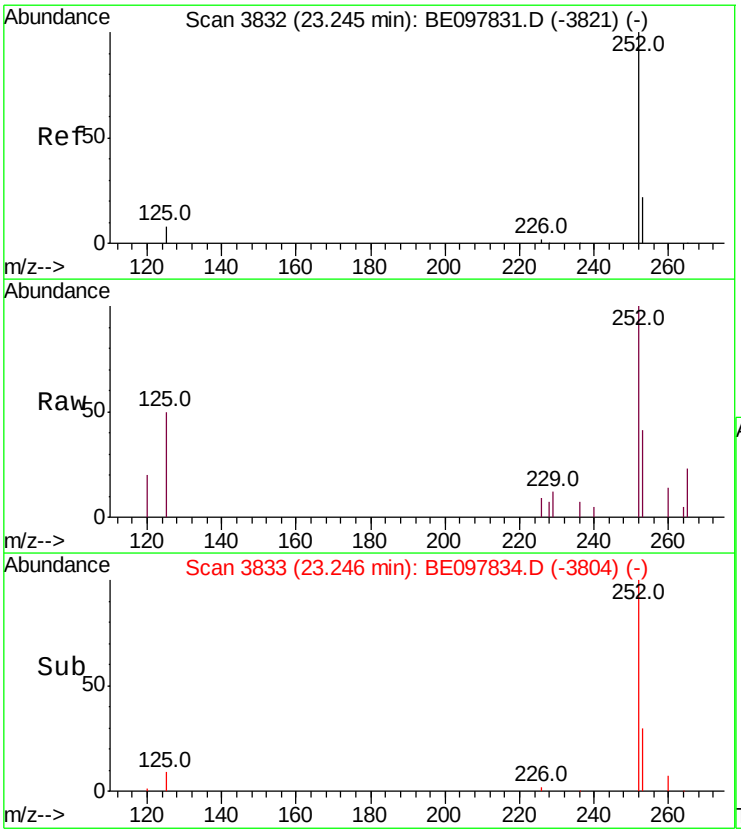
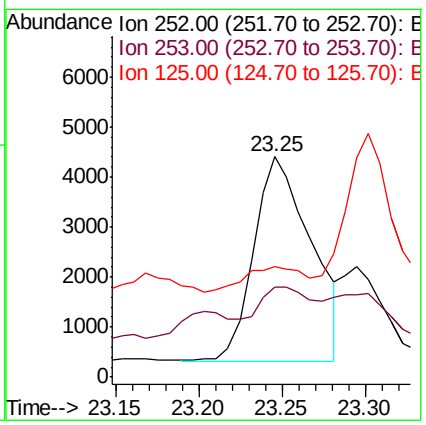


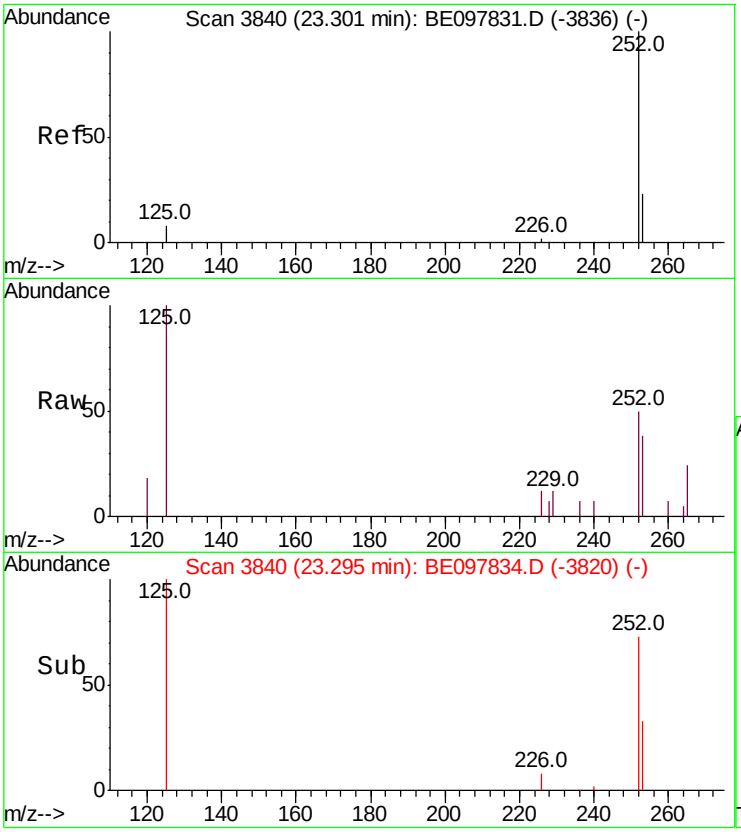


#21
Benzo(b)fluoranthene
Concen: 0.109 ng/ul m
RT: 23.25 min Scan# 3833
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:252 Resp: 9839

Ion	Ratio	Lower	Upper
252	100		
253	40.8	0.0	47.0
125	50.2	0.0	18.2#





#22
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.29 min Scan# 3840
Delta R.T. -0.01 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:252 Resp: 3466

Ion	Ratio	Lower	Upper
252	100		
253	75.2	17.8	26.6#
125	198.7	9.4	14.0#

Instrument :
BNA_E
ClientSampleId :
JLC35

Manual Integrations APPROVED
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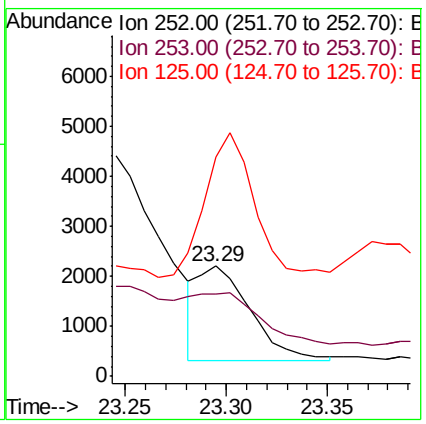
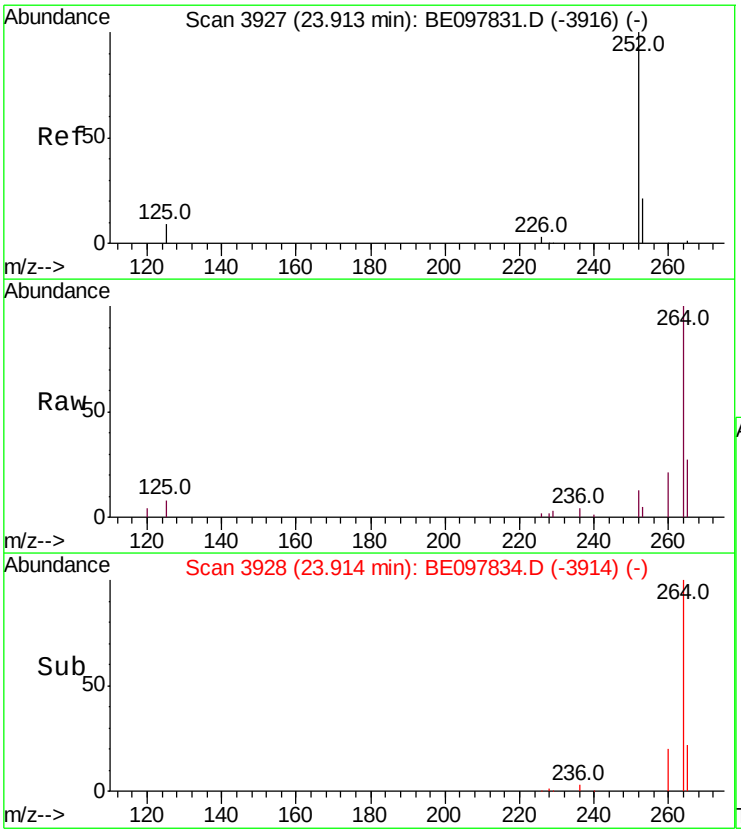
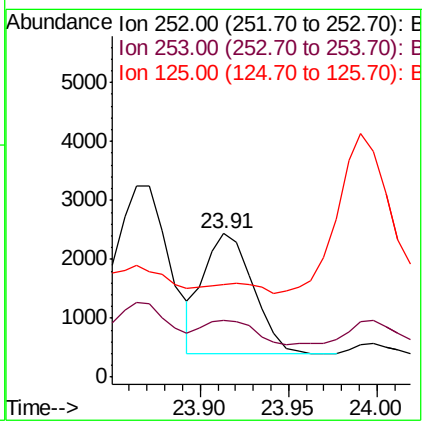


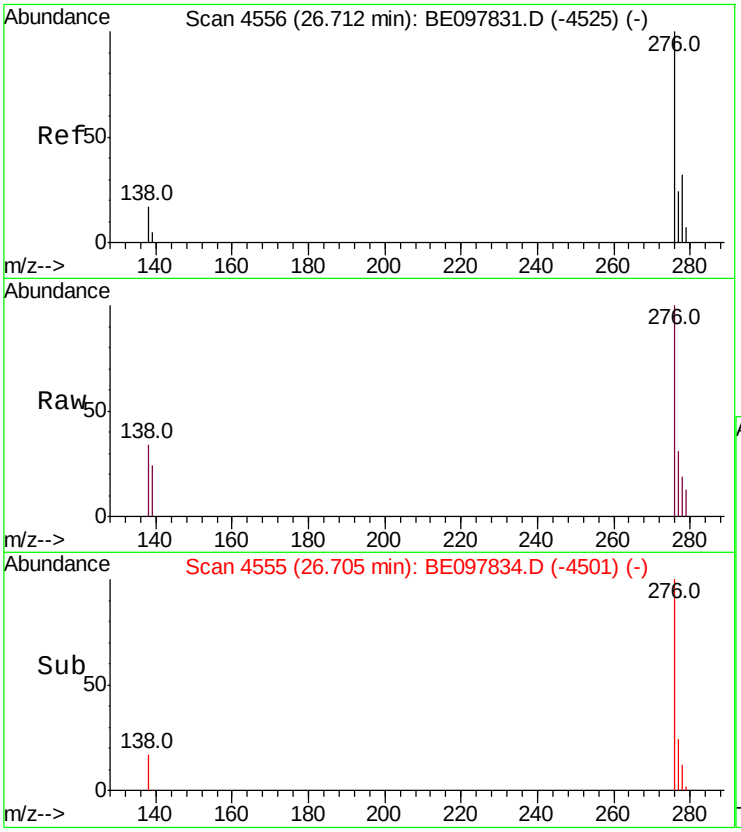


#23
Benzo(a)pyrene
Concen: 0.048 ng/ul
RT: 23.91 min Scan# 3928
Delta R.T. 0.00 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:252 Resp: 3925

Ion	Ratio	Lower	Upper
252	100		
253	40.0	18.2	27.4#
125	64.2	8.3	12.5#





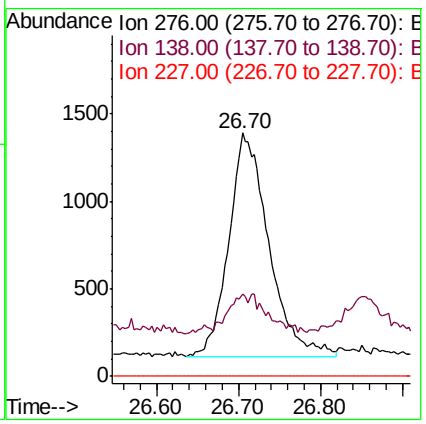
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.046 ng/ul
RT: 26.70 min Scan# 4555
Delta R.T. -0.01 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

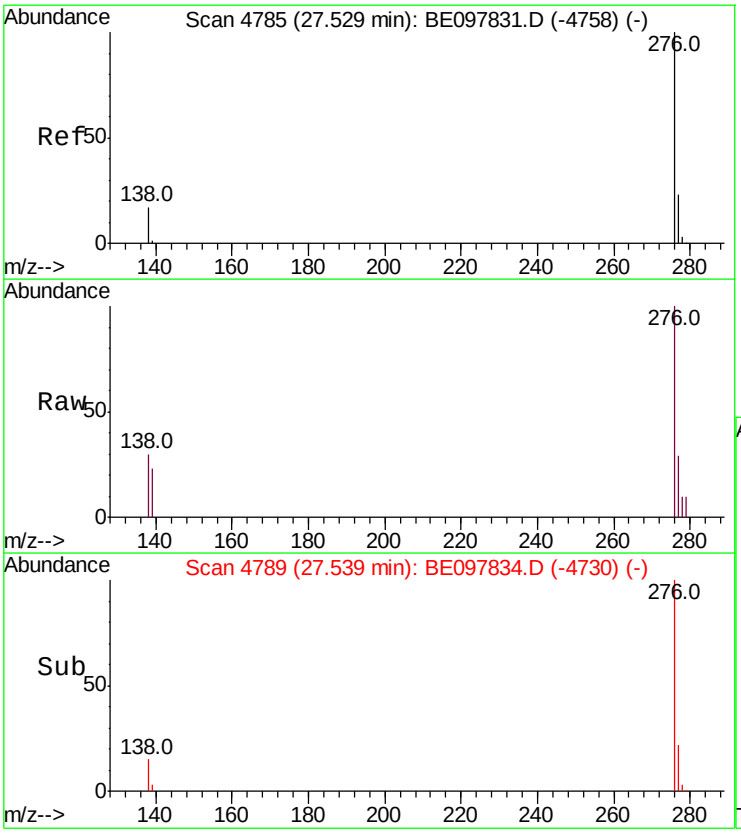
Tgt Ion:276 Resp: 4299

Ion	Ratio	Lower	Upper
276	100		
138	14.0	0.0	0.0#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
JLC35

Manual Integrations APPROVED
Sohil
10/11/2018 5:33:32 PM





#26
Benzo(g,h,i)perylene
Concen: 0.057 ng/ul
RT: 27.54 min Scan# 4789
Delta R.T. 0.01 min
Lab File: BE097834.D
Acq: 10 Oct 2018 19:00

Tgt Ion:276 Resp: 5041

Ion	Ratio	Lower	Upper
276	100		
138	29.7	14.3	21.5#
277	28.7	19.5	29.3