Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098082.D
Acq On : 26 Oct 2018 10:34
Operator : SJ/JU
Sample : J5598-04
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 26 23:35:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\SOM-EPA-SIM-BE102518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 23:15:36 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	1099	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	5448	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	4053	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	9333m	0.40	ng/ul	0.00
16) Chrysene-d12	21.48	240	10716m	0.40	ng/ul	0.00
20) Perylene-d12	24.03	264	10604m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	2041	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	5911m	0.19	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	26225	2.011	ng/ul	96
5) 2-Methylnaphthalene	12.34	142	15978	1.621	ng/ul	100
7) Acenaphthylene	14.26	152	48026	3.003	ng/ul	98
8) Acenaphthene	14.60	153	2501	0.209	ng/ul#	93
9) Fluorene	15.59	166	3310	0.230	ng/ul#	95
12) Phenanthrene	17.33	178	211436m	9.816	ng/ul	
13) Anthracene	17.42	178	45304m	2.130	ng/ul	
15) Fluoranthene	19.36	202	1631929m	59.423	ng/ul	
17) Pyrene	19.72	202	1460505	58.371	ng/ul	98
18) Benzo(a)anthracene	21.46	228	1192037m	37.834	ng/ul	
19) Chrysene	21.52	228	1151274	47.236	ng/ul	98
21) Benzo(b)fluoranthene	23.26	252	1492359m	50.795	ng/ul	
22) Benzo(k)fluoranthene	23.30	252	522997m	18.186	ng/ul	
23) Benzo(a)pyrene	23.93	252	554830m	19.635	ng/ul	
24) Indeno(1,2,3-cd)pyrene	26.73	276	460010m	14.207	ng/ul	
25) Dibenzo(a,h)anthracene	26.75	278	128224m	4.751	ng/ul	
26) Benzo(g,h,i)perylene	27.56	276	379914m	13.937	ng/ul	

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

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Manual Integrations APPROVED
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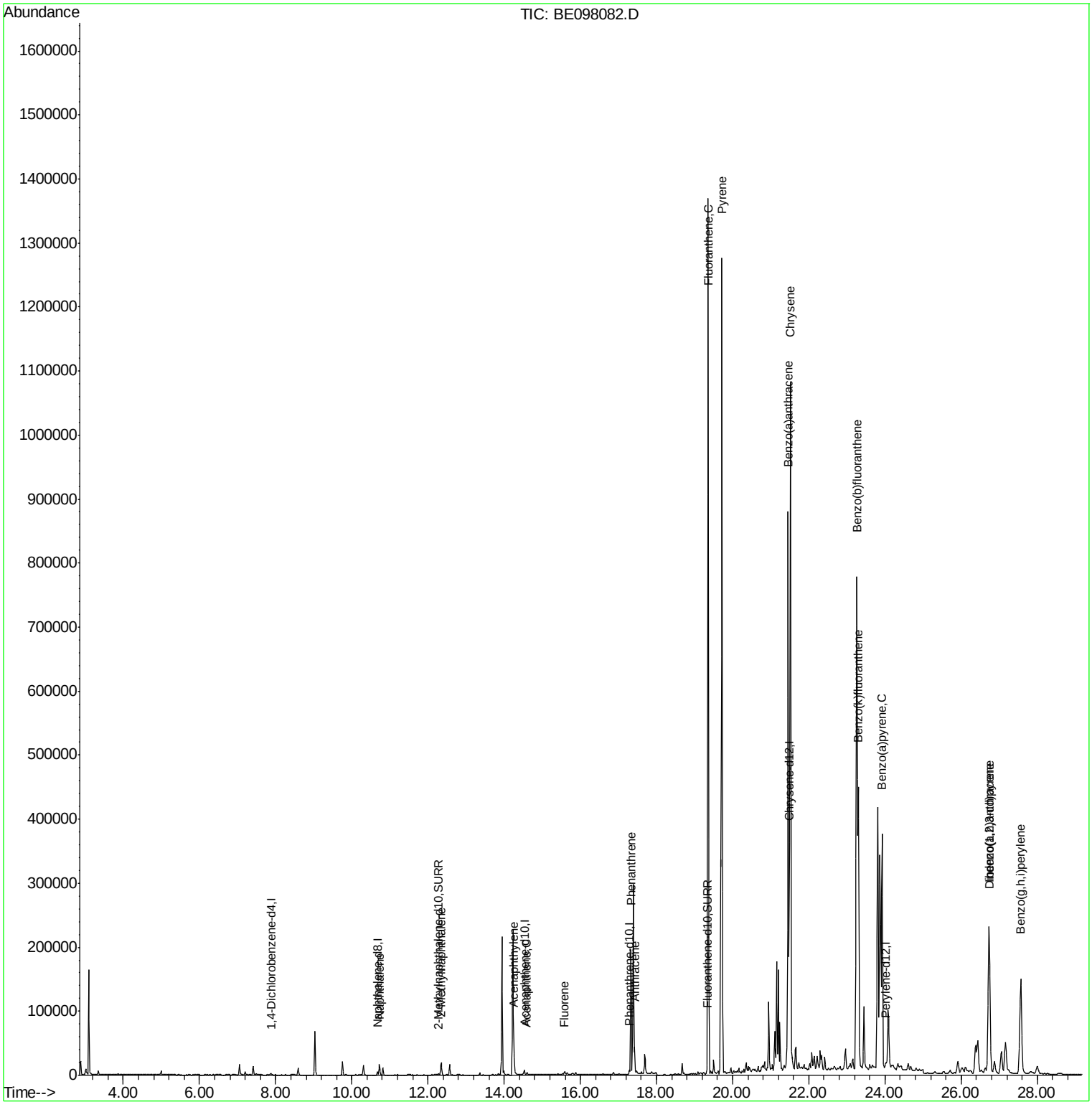
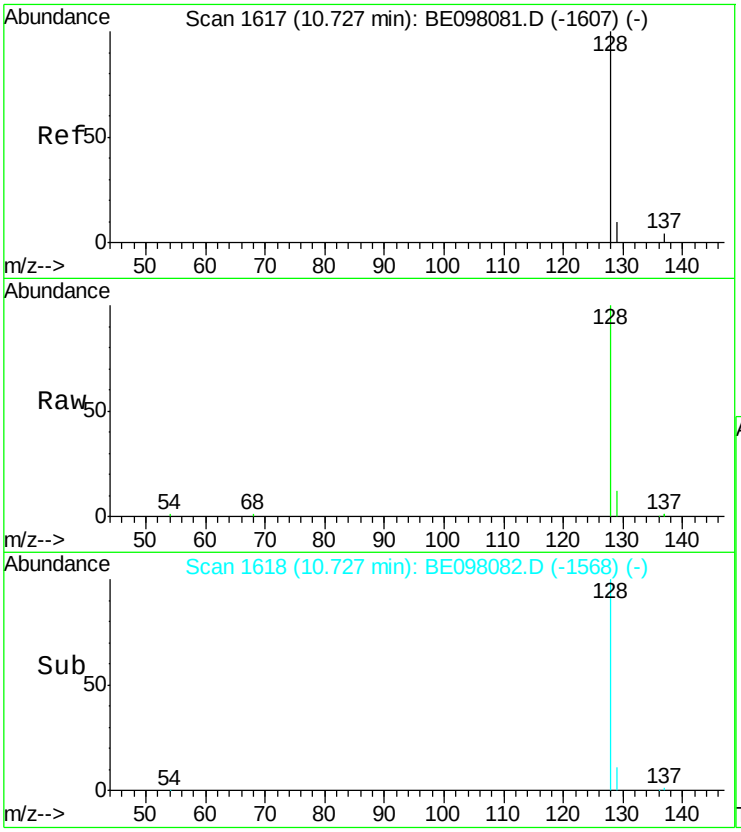
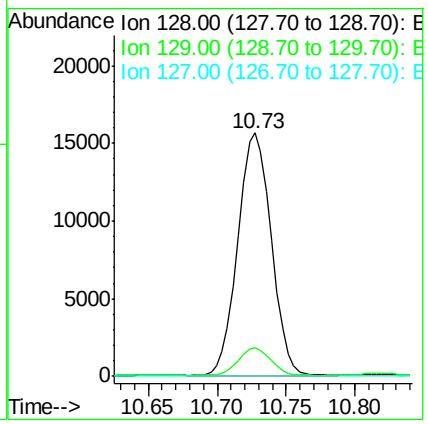




#3
Naphthalene
Concen: 2.011 ng/ul
RT: 10.73 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:128 Resp: 26225

Ion	Ratio	Lower	Upper
128	100		
129	11.7	10.5	15.7
127	0.0	0.0	0.0



Instrument :
BNA_E
ClientSampleId :
C0AE7

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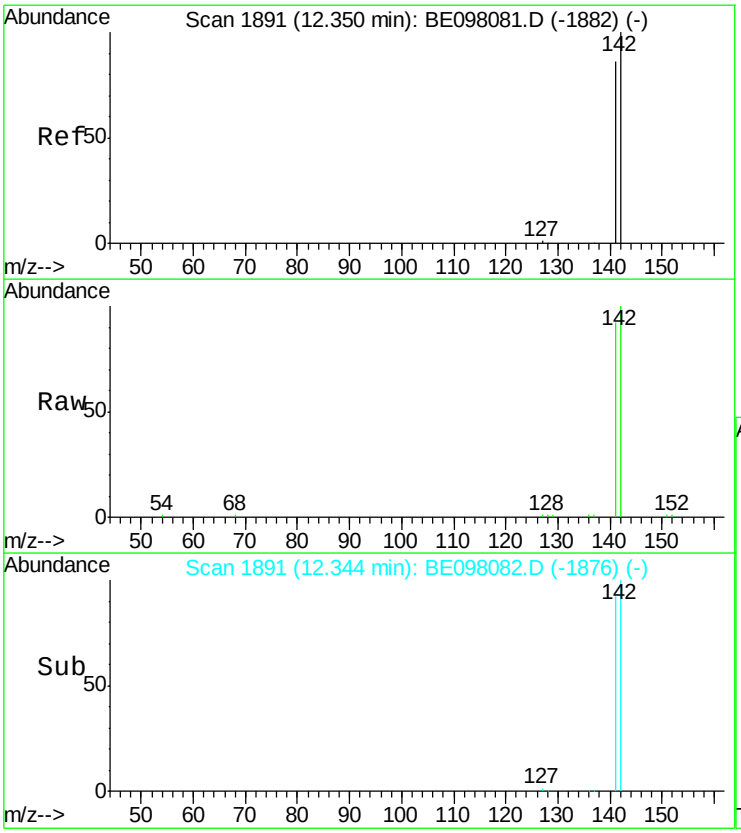
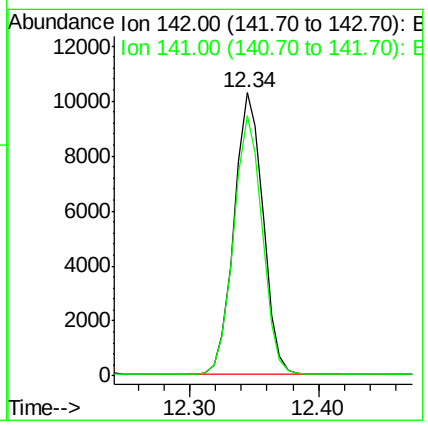
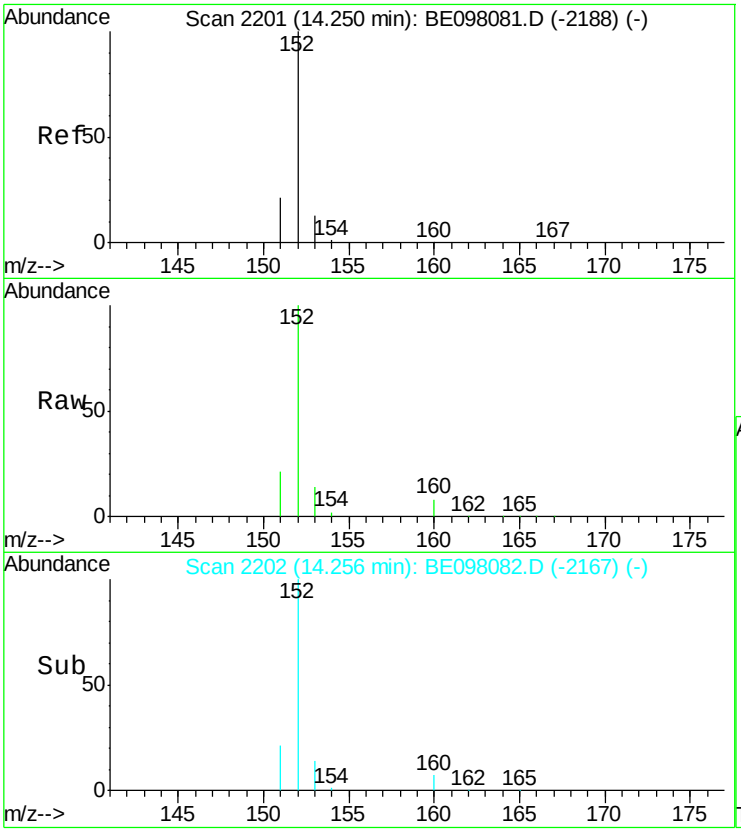


#5
2-Methylnaphthalene
Concen: 1.621 ng/ul
RT: 12.34 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:142 Resp: 15978

Ion	Ratio	Lower	Upper
142	100		
141	90.9	72.5	108.7





#7
Acenaphthylene
Concen: 3.003 ng/ul
RT: 14.26 min Scan# 2202
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:152 Resp: 48026

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.3	25.9
153	14.0	11.9	17.9

Instrument :
BNA_E
ClientSampleId :
C0AE7

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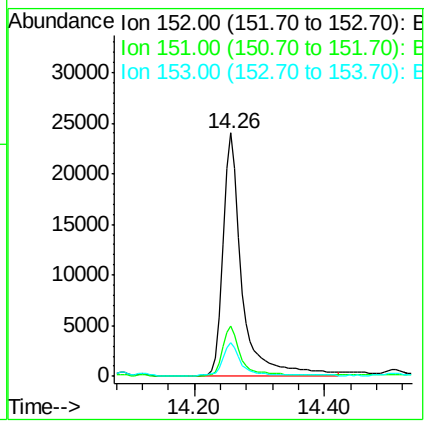
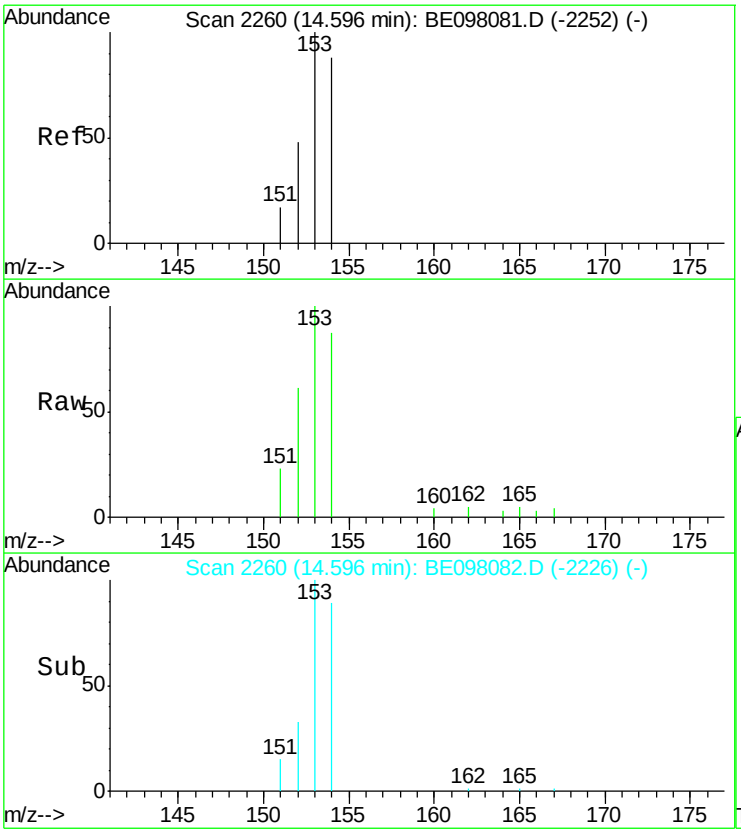
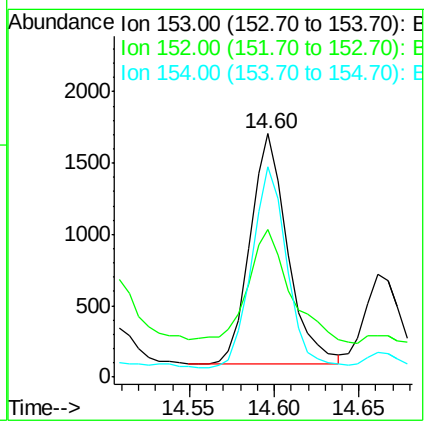


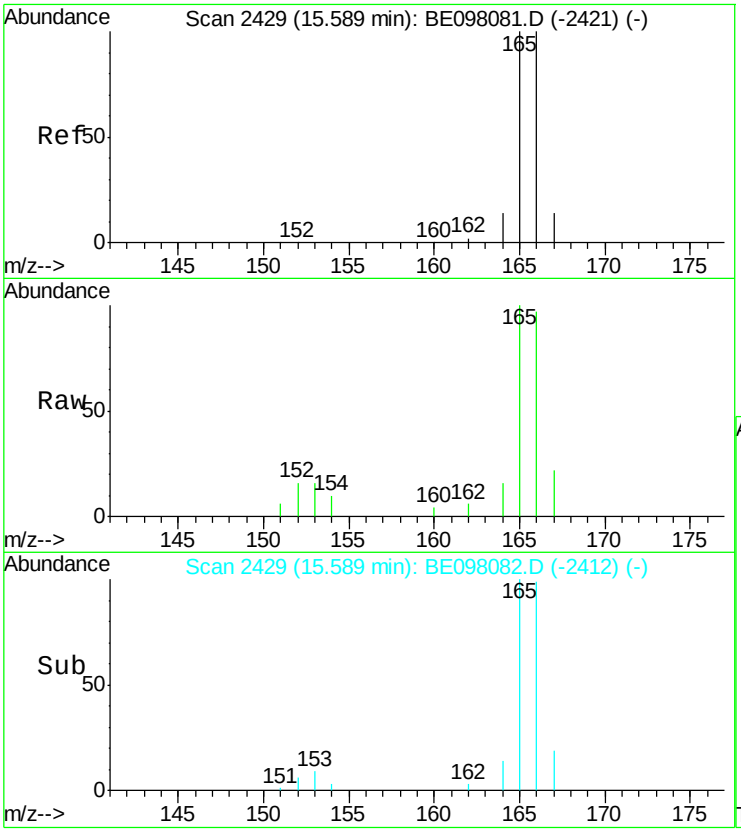


#8
Acenaphthene
Concen: 0.209 ng/ul
RT: 14.60 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:153 Resp: 2501

Ion	Ratio	Lower	Upper
153	100		
152	60.6	39.4	59.0#
154	86.5	70.5	105.7





#9
Fluorene
Concen: 0.230 ng/ul
RT: 15.59 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:166 Resp: 3310

Ion	Ratio	Lower	Upper
166	100		
165	103.4	80.2	120.4
167	23.2	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
C0AE7

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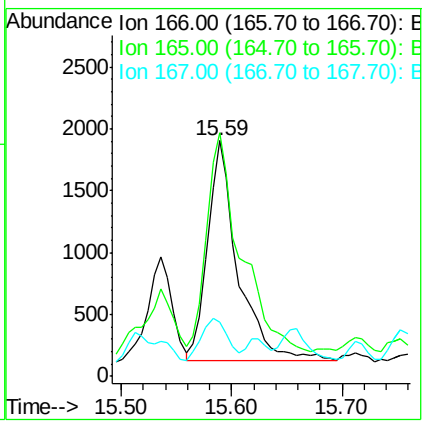
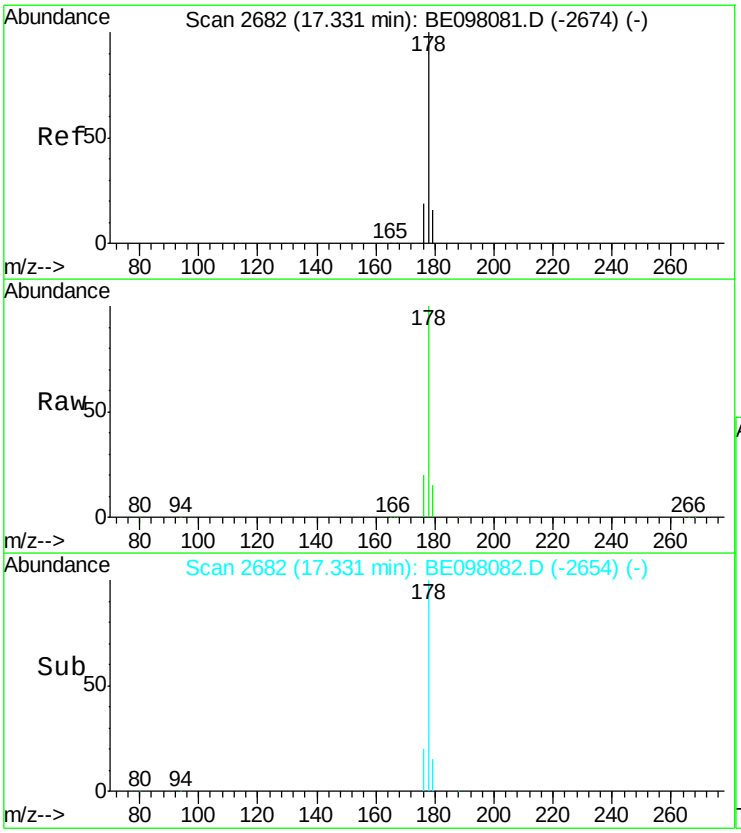
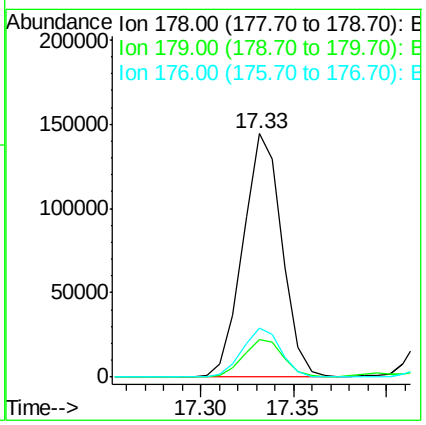


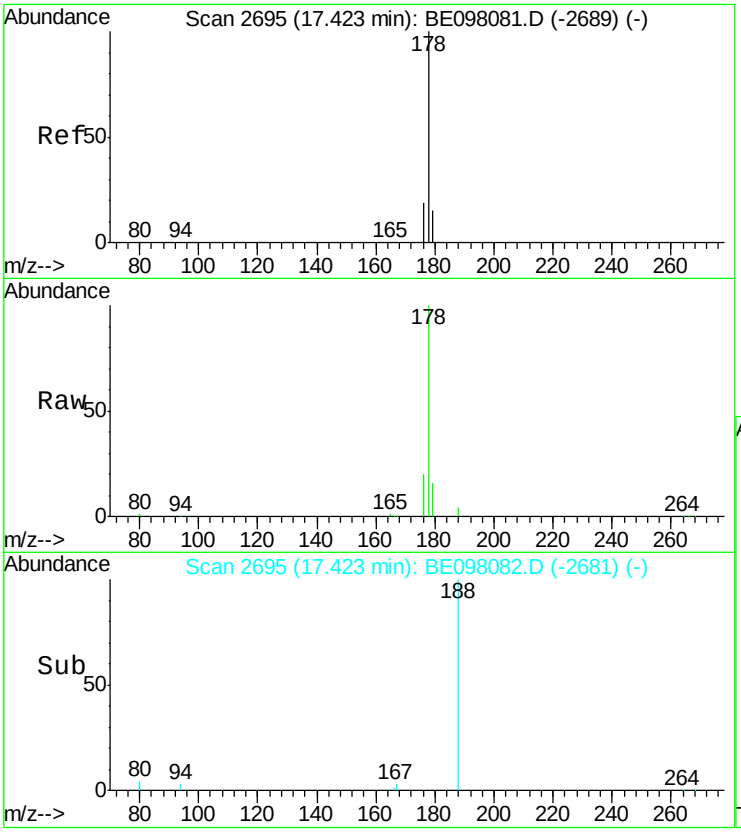


#12
Phenanthrene
Concen: 9.816 ng/ul m
RT: 17.33 min Scan# 2682
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:178 Resp: 211436

Ion	Ratio	Lower	Upper
178	100		
179	15.4	13.0	19.4
176	20.2	15.7	23.5

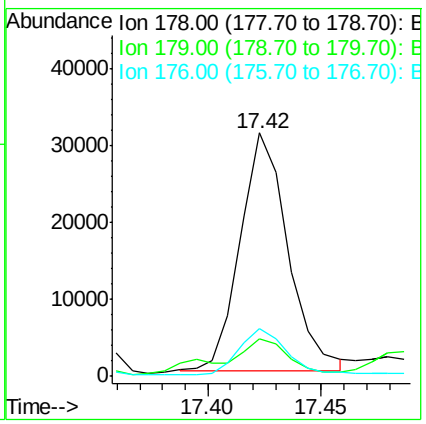




#13
Anthracene
Concen: 2.130 ng/ul m
RT: 17.42 min Scan# 2695
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:178 Resp: 45304

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.7	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0AE7

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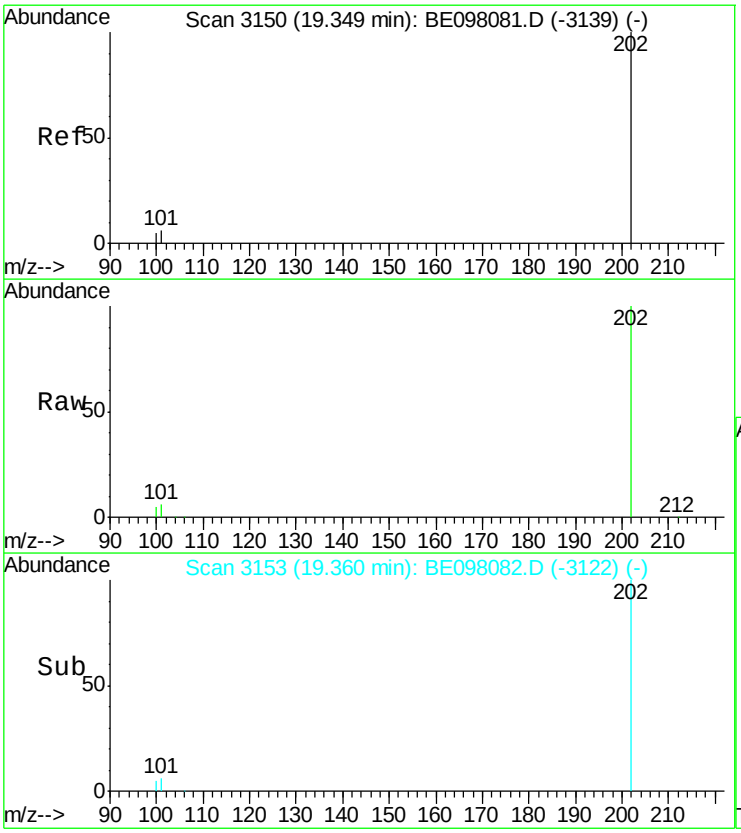
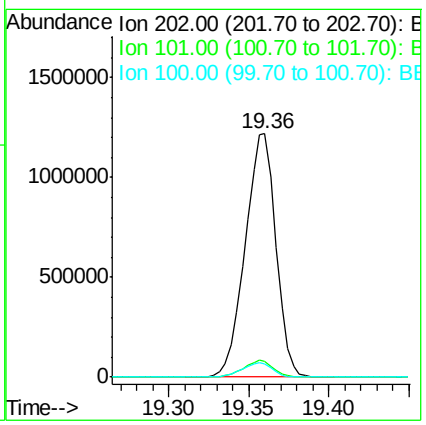
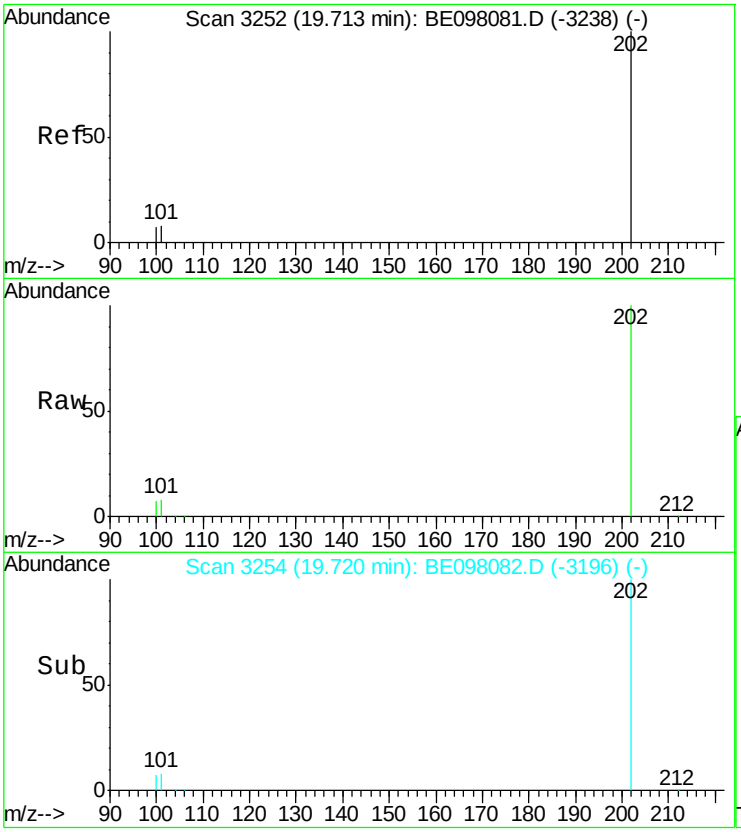


#15
Fluoranthene
Concen: 59.423 ng/ul m
RT: 19.36 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:202 Resp: 1631929

Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	27.5
100	5.3	0.0	26.0

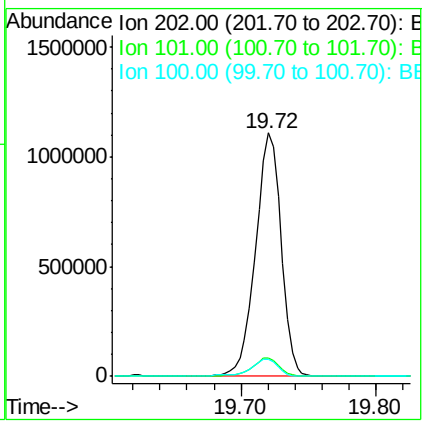




#17
Pyrene
Concen: 58.371 ng/ul
RT: 19.72 min Scan# 3254
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:202 Resp: 1460505

Ion	Ratio	Lower	Upper
202	100		
101	7.6	6.9	10.3
100	7.2	6.0	9.0



Instrument :
BNA_E
ClientSampleId :
C0AE7

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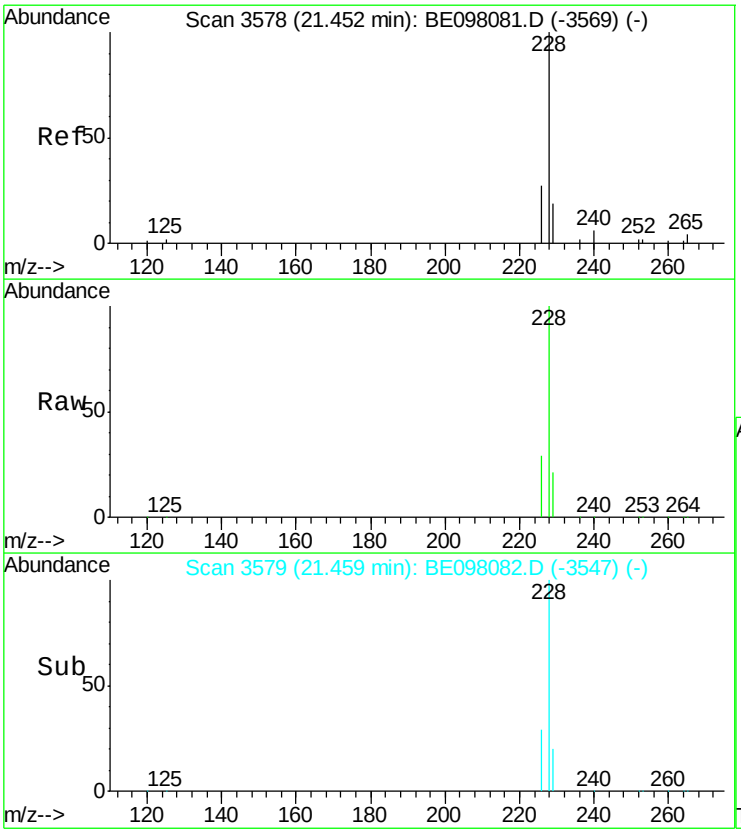
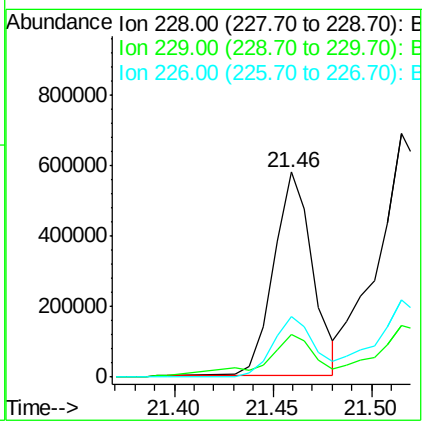
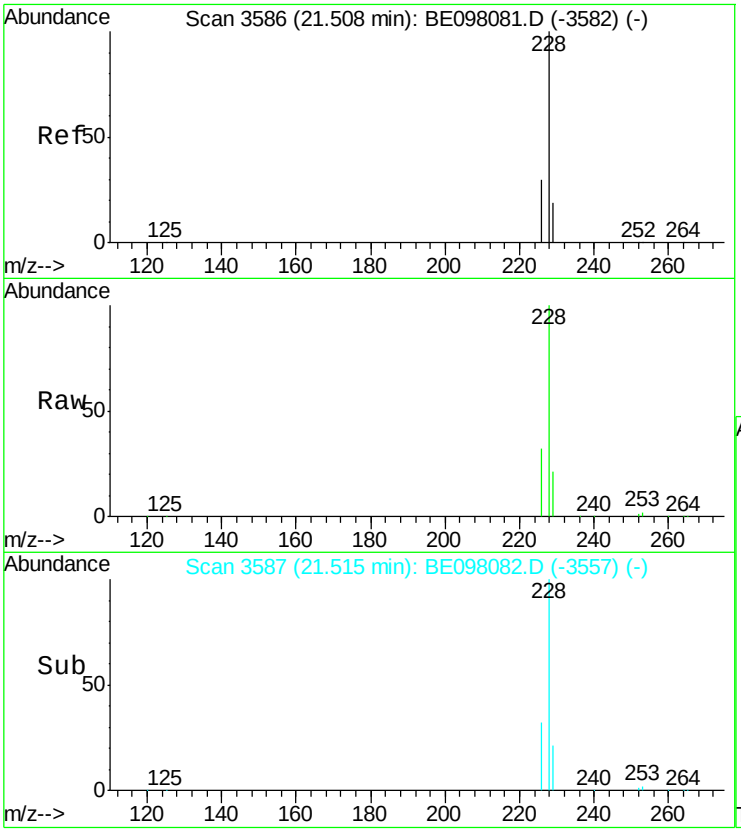


#18
Benzo(a)anthracene
Concen: 37.834 ng/ul m
RT: 21.46 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:228 Resp: 1192037

Ion	Ratio	Lower	Upper
228	100		
229	20.5	16.1	24.1
226	29.3	22.2	33.4

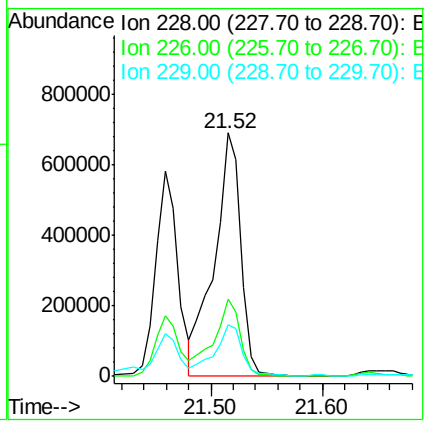




#19
Chrysene
Concen: 47.236 ng/ul
RT: 21.52 min Scan# 3587
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:228 Resp: 1151274

Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.6	37.0
229	21.2	16.4	24.6



Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
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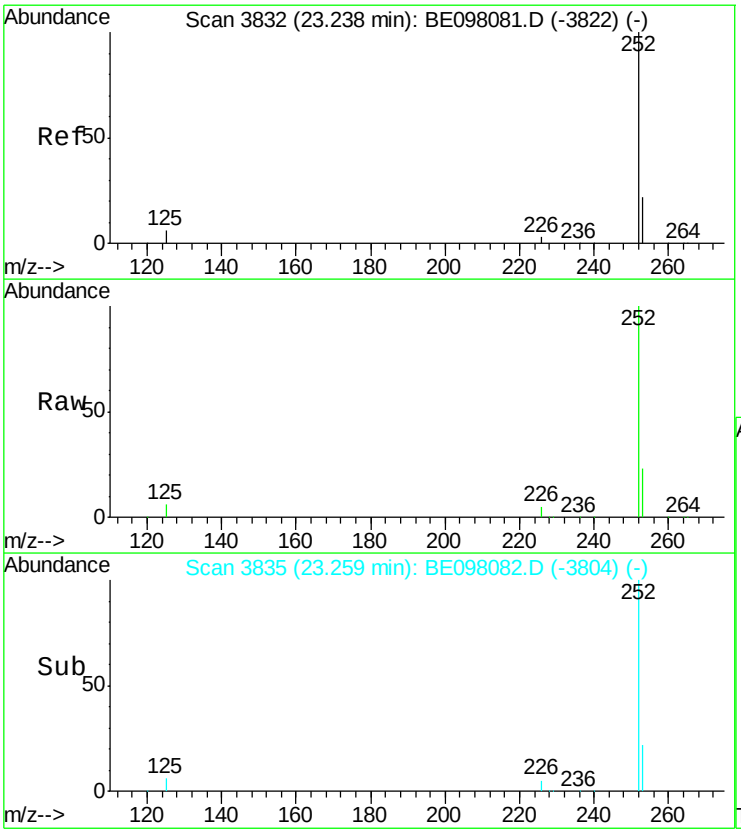
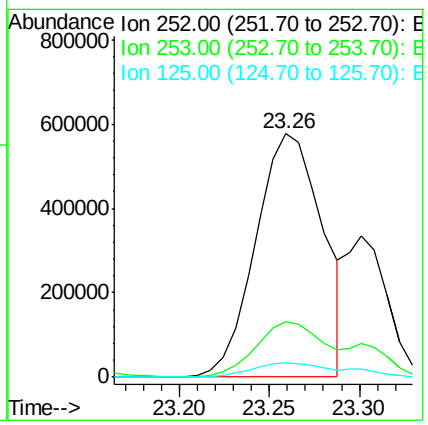
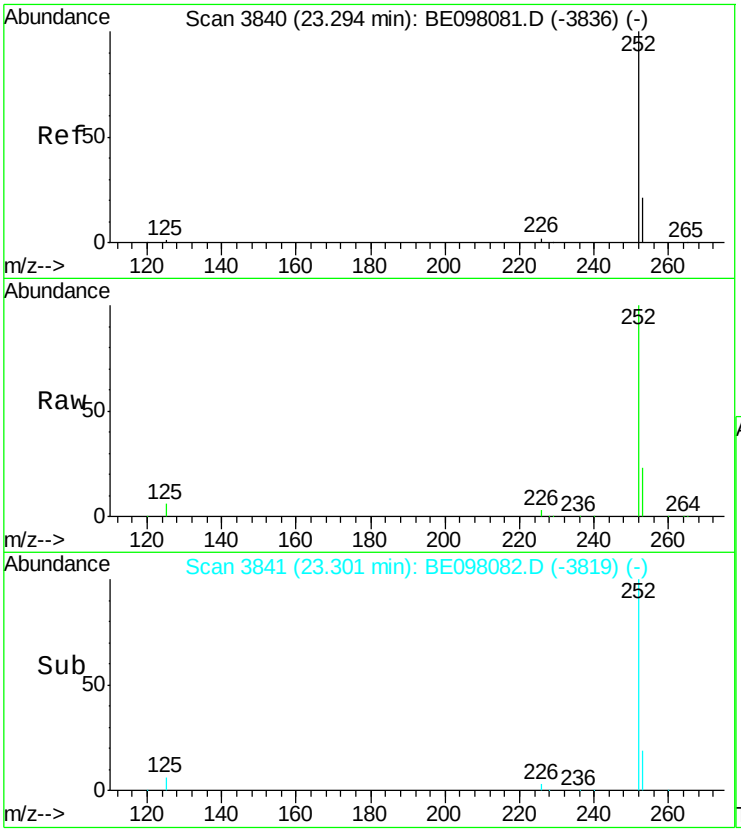


#21
Benzo(b)fluoranthene
Concen: 50.795 ng/ul m
RT: 23.26 min Scan# 3835
Delta R.T. 0.02 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:252 Resp: 1492359

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	47.8
125	5.9	0.0	16.8





#22
Benzo(k)fluoranthene
Concen: 18.186 ng/ul m
RT: 23.30 min Scan# 3841
Delta R.T. 0.01 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:252 Resp: 522997

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.3	28.9
125	5.7	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
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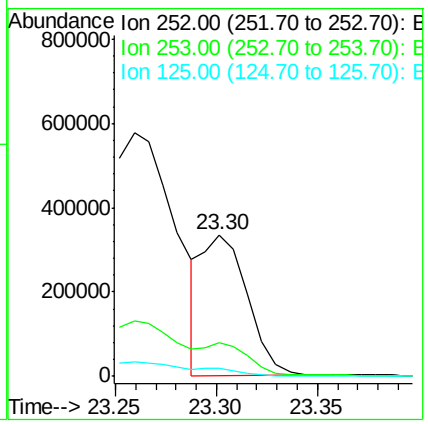
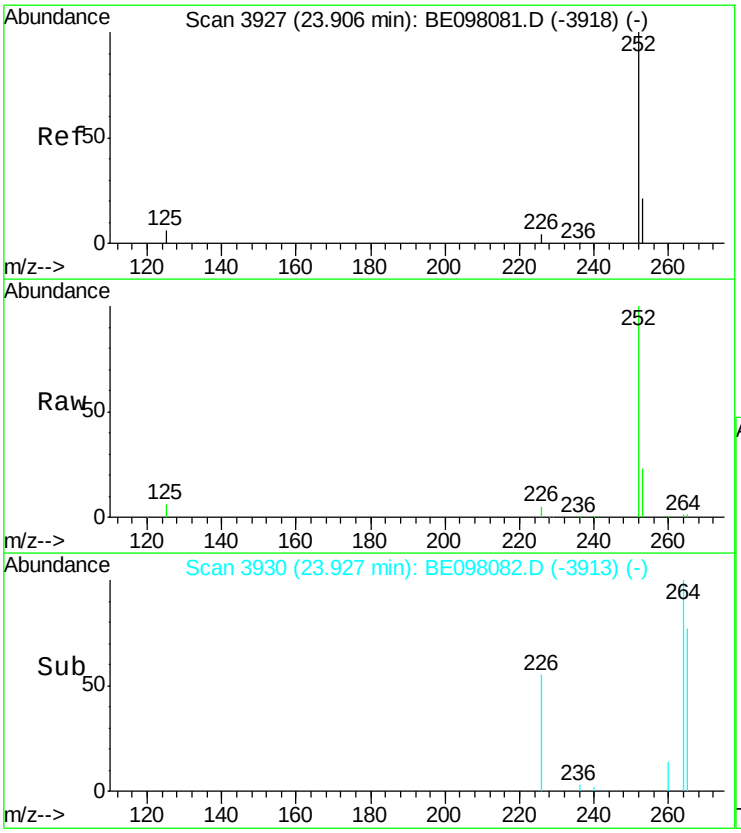
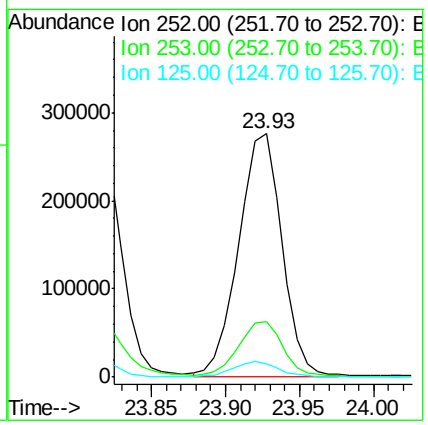


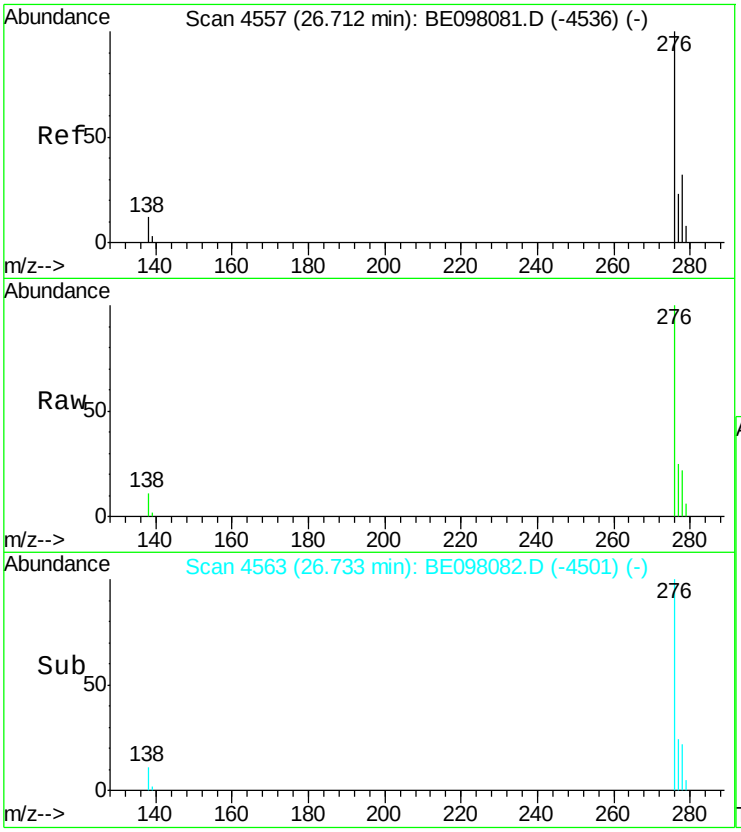


#23
Benzo(a)pyrene
Concen: 19.635 ng/ul m
RT: 23.93 min Scan# 3930
Delta R.T. 0.02 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:252 Resp: 554830

Ion	Ratio	Lower	Upper
252	100		
253	22.6	19.4	29.2
125	5.6	7.8	11.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 14.207 ng/ul m
RT: 26.73 min Scan# 4563
Delta R.T. 0.02 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:276 Resp: 460010

Ion	Ratio	Lower	Upper
276	100		
138	11.4	11.8	17.8#
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
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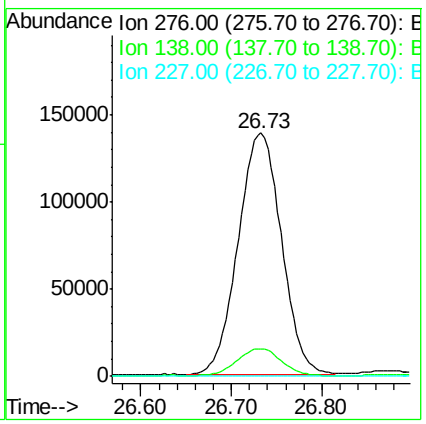
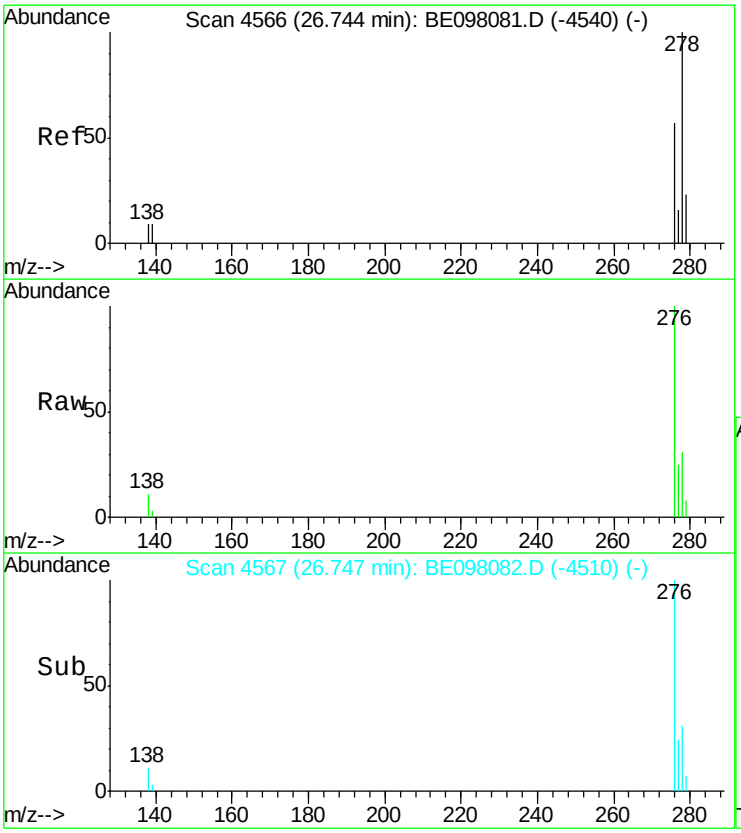
10/29/2018 3:09:13 PM

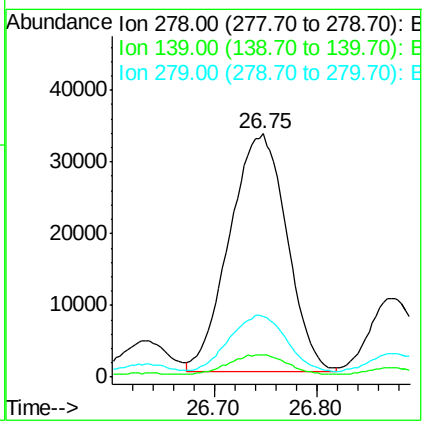


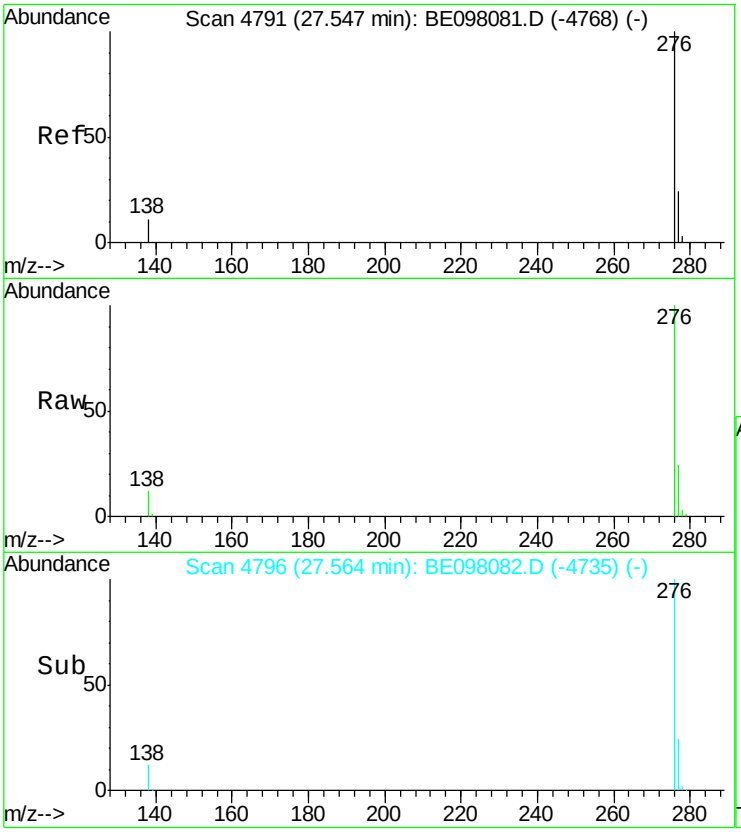


#25
Dibenzo(a,h)anthracene
Concen: 4.751 ng/ul m
RT: 26.75 min Scan# 4567
Delta R.T. 0.00 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:278 Resp: 128224

Ion	Ratio	Lower	Upper
278	100		
139	9.2	10.0	15.0#
279	24.9	20.3	30.5

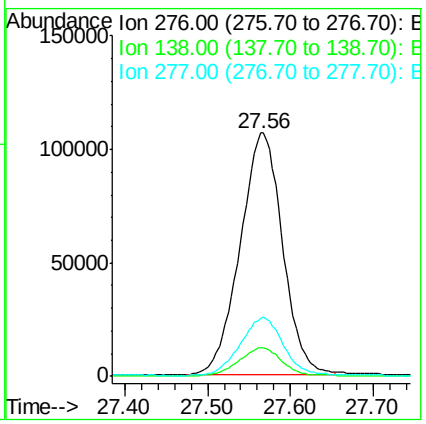




#26
Benzo(g,h,i)perylene
Concen: 13.937 ng/ul m
RT: 27.56 min Scan# 4796
Delta R.T. 0.02 min
Lab File: BE098082.D
Acq: 26 Oct 2018 10:34

Tgt Ion:276 Resp: 379914

Ion	Ratio	Lower	Upper
276	100		
138	11.8	11.6	17.4
277	24.1	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
C0AE7

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:13 PM