Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098094.D
Acq On : 26 Oct 2018 18:30
Operator : SJ/JU
Sample : J5598-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:25 PM

Quant Time: Oct 27 00:39:45 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 : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	965	0.40	ng/ul	0.00
2) Naphthalene-d8	10.68	136	4776	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.53	164	3354	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.29	188	8029	0.40	ng/ul	0.00
16) Chrysene-d12	21.47	240	11504	0.40	ng/ul	0.00
20) Perylene-d12	24.02	264	9465	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.27	152	415	0.05	ng/ul	0.00
14) Fluoranthene-d10	19.32	212	1240	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.73	128	5335	0.467	ng/ul	99
5) 2-Methylnaphthalene	12.34	142	3221	0.373	ng/ul	100
7) Acenaphthylene	14.26	152	9357	0.707	ng/ul	99
8) Acenaphthene	14.60	153	504	0.051	ng/ul#	83
9) Fluorene	15.59	166	704	0.059	ng/ul#	94
12) Phenanthrene	17.33	178	42837	2.312	ng/ul	99
13) Anthracene	17.42	178	9941	0.543	ng/ul	99
15) Fluoranthene	19.35	202	323360	13.687	ng/ul	99
17) Pyrene	19.71	202	292094	10.874	ng/ul	98
18) Benzo(a)anthracene	21.45	228	186474	5.513	ng/ul	99
19) Chrysene	21.51	228	231331	8.841	ng/ul	99
21) Benzo(b)fluoranthene	23.25	252	321022m	12.242	ng/ul	
22) Benzo(k)fluoranthene	23.29	252	76640m	2.986	ng/ul	
23) Benzo(a)pyrene	23.91	252	109586	4.345	ng/ul#	95
24) Indeno(1,2,3-cd)pyrene	26.71	276	90844	3.143	ng/ul#	93
25) Dibenzo(a,h)anthracene	26.73	278	24472	1.016	ng/ul	98
26) Benzo(g,h,i)perylene	27.54	276	76138	3.129	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE102618\
Data File : BE098094.D
Acq On : 26 Oct 2018 18:30
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Sample : J5598-04DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 27 00:39:45 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 : Sat Oct 27 00:33:42 2018
Response via : Initial Calibration

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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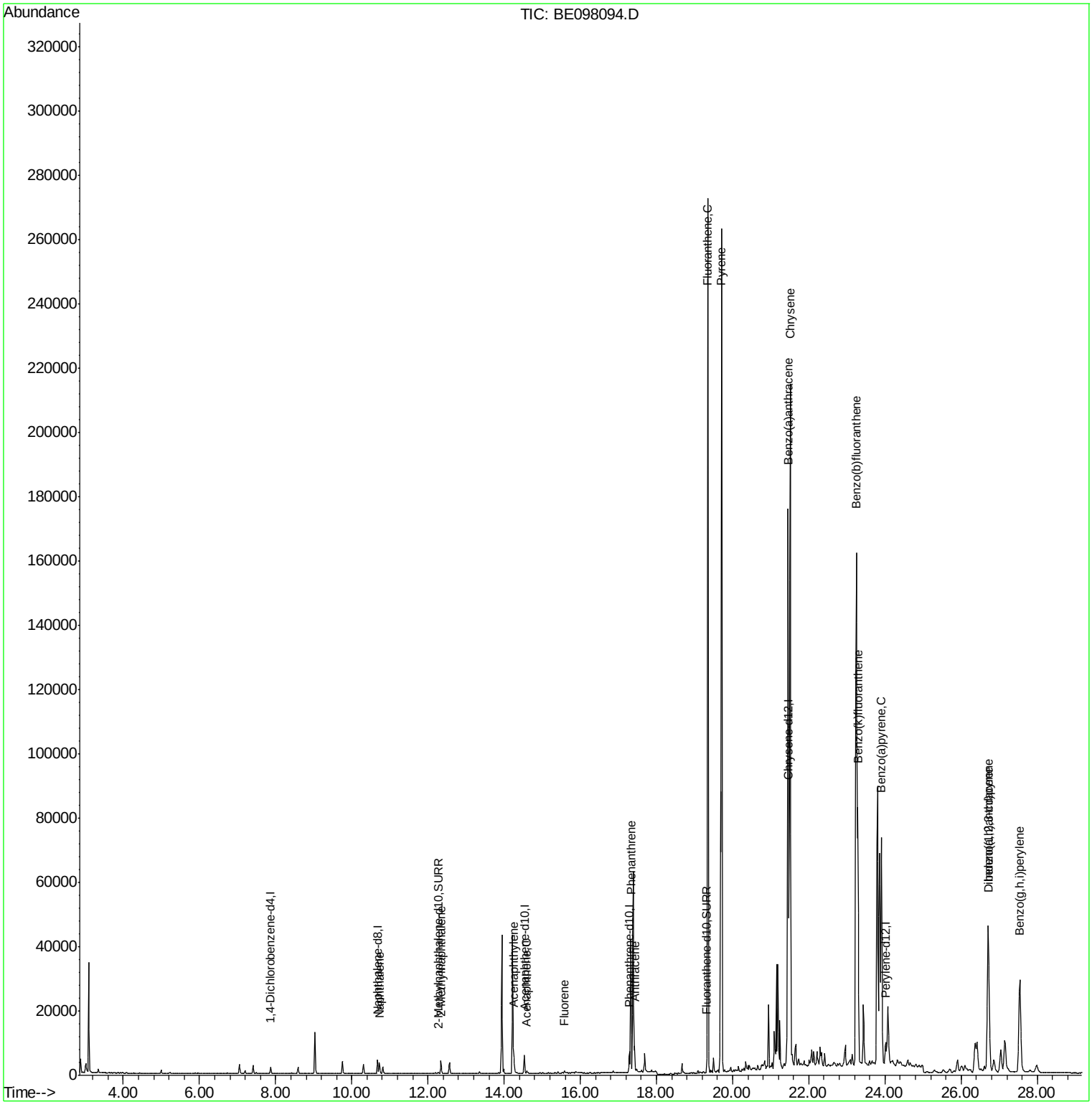

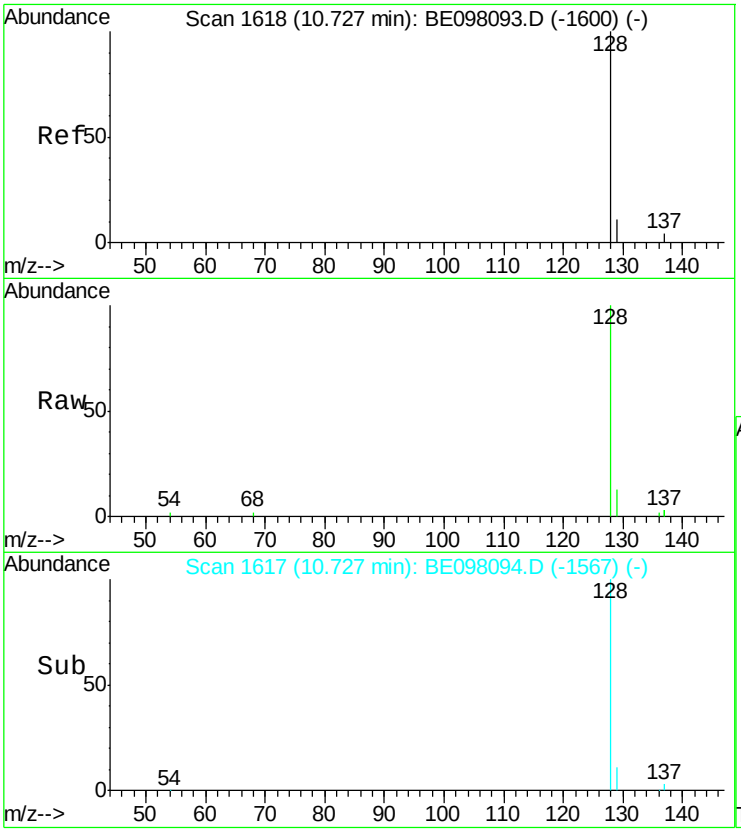

#3
Naphthalene
Concen: 0.467 ng/ul
RT: 10.73 min Scan# 1617
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:128 Resp: 5335

Ion	Ratio	Lower	Upper
128	100		
129	12.7	10.5	15.7
127	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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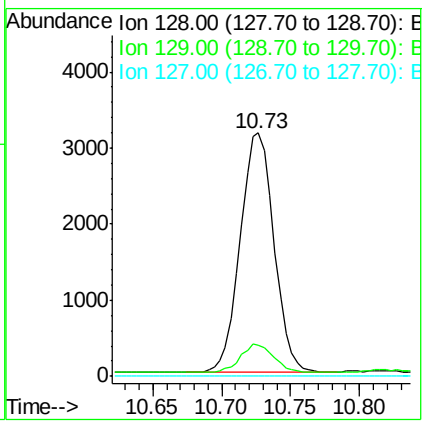
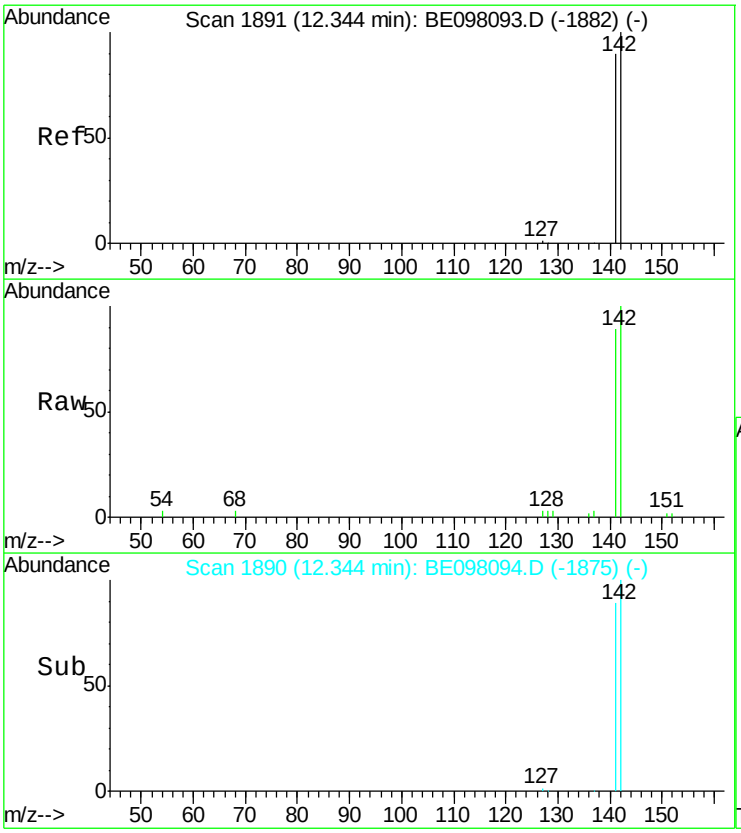
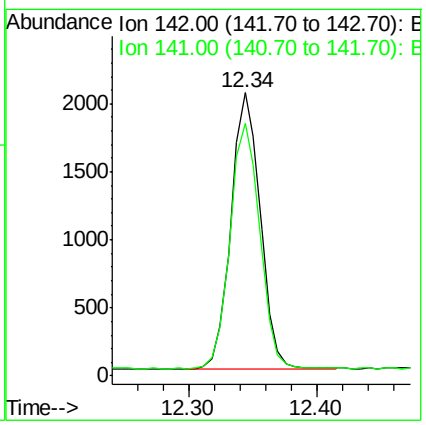


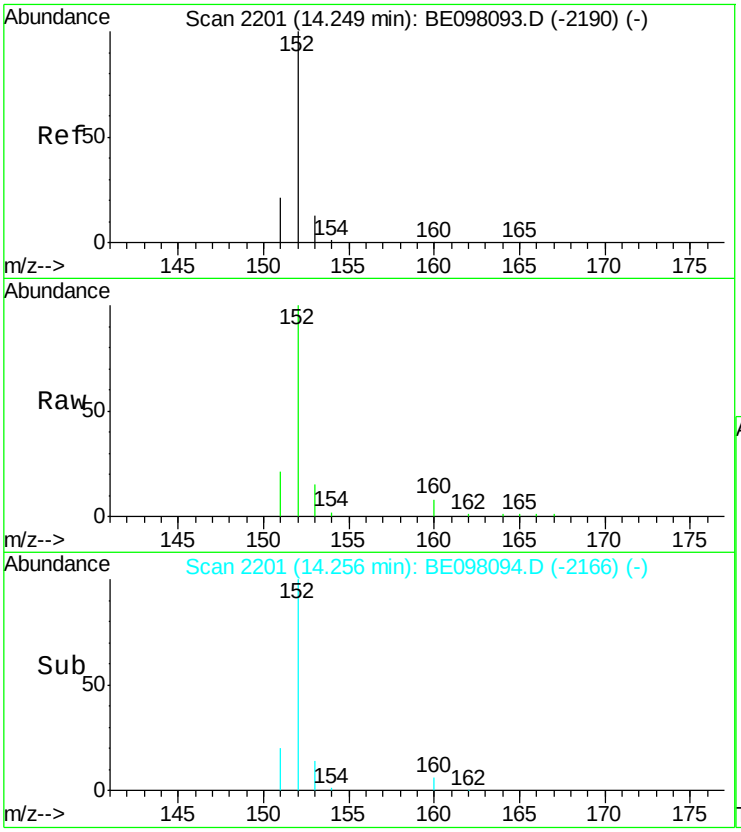


#5
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.34 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:142 Resp: 3221

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.5	108.7

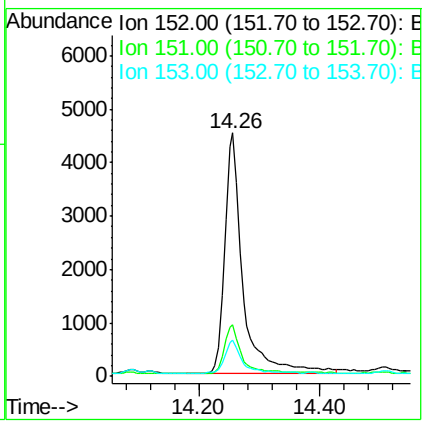




#7
Acenaphthylene
Concen: 0.707 ng/ul
RT: 14.26 min Scan# 2201
Delta R.T. 0.01 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:152 Resp: 9357

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.3	25.9
153	14.7	11.9	17.9



Instrument :
BNA_E
ClientSampleId :
C0AE7DL

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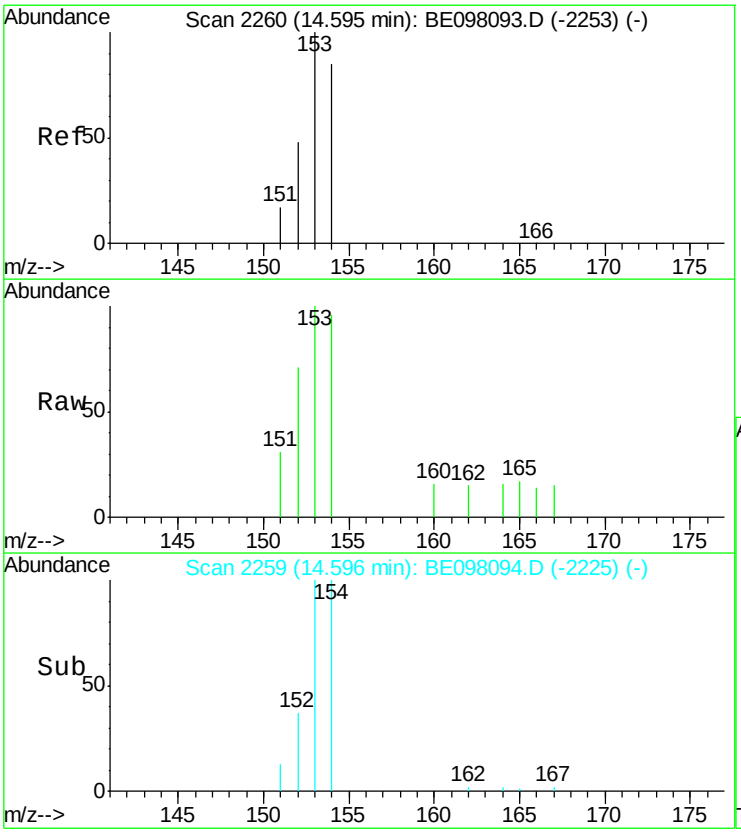
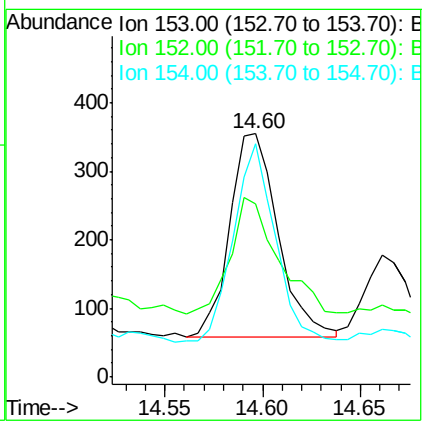
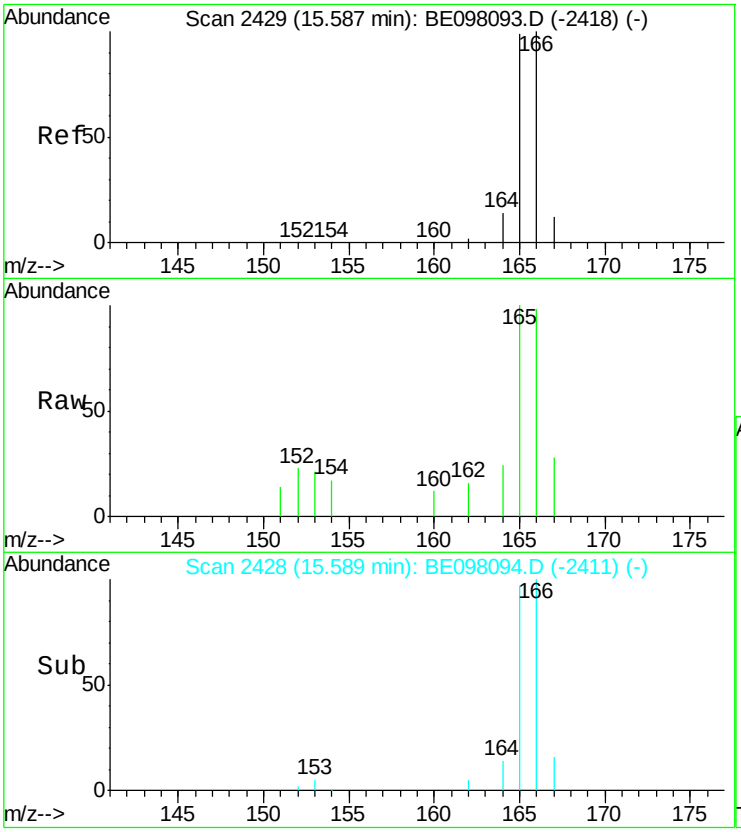


#8
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.60 min Scan# 2259
Delta R.T. 0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:153 Resp: 504

Ion	Ratio	Lower	Upper
153	100		
152	71.0	39.4	59.0#
154	95.8	70.5	105.7





#9
Fluorene
Concen: 0.059 ng/ul
RT: 15.59 min Scan# 2428
Delta R.T. 0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:166 Resp: 704

Ion	Ratio	Lower	Upper
166	100		
165	101.9	80.2	120.4
167	28.2	12.0	18.0#

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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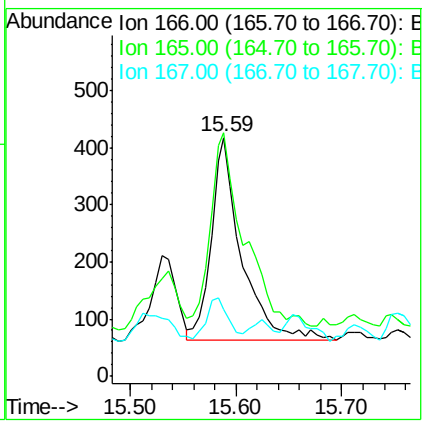
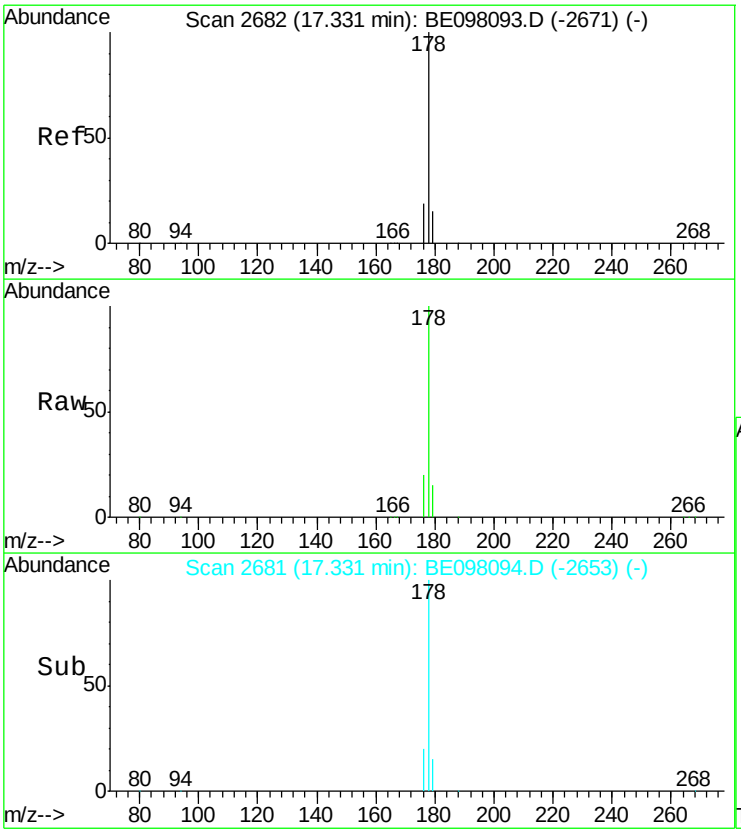
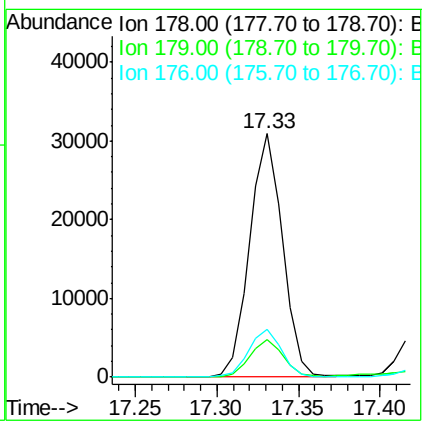


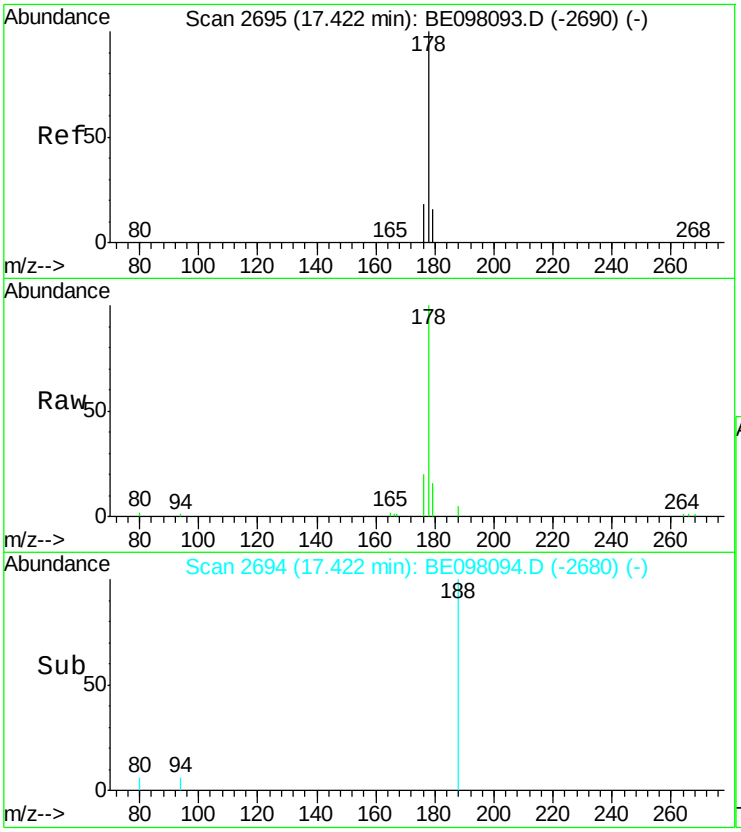


#12
Phenanthrene
Concen: 2.312 ng/ul
RT: 17.33 min Scan# 2681
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:178 Resp: 42837

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	19.7	15.7	23.5

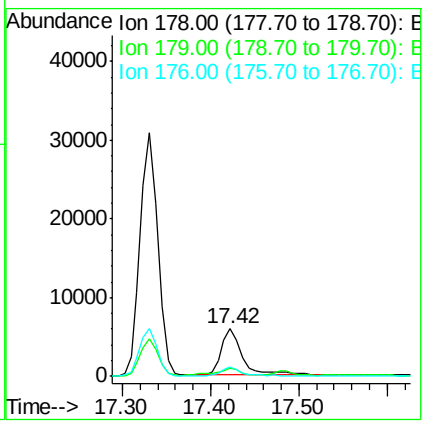




#13
Anthracene
Concen: 0.543 ng/ul
RT: 17.42 min Scan# 2694
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:178 Resp: 9941

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.9	15.6	23.4



Instrument :
BNA_E
ClientSampleId :
C0AE7DL

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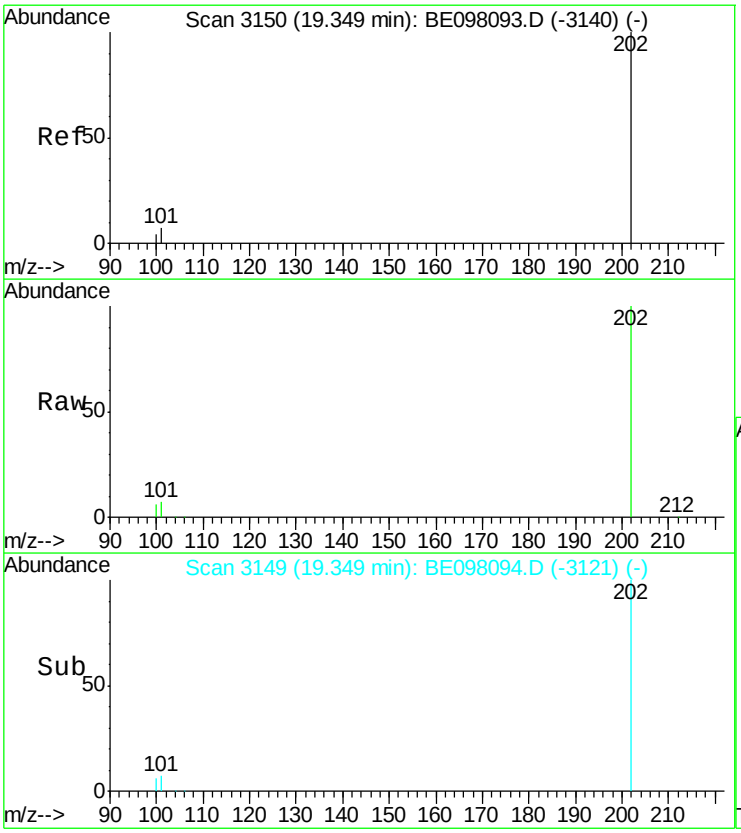
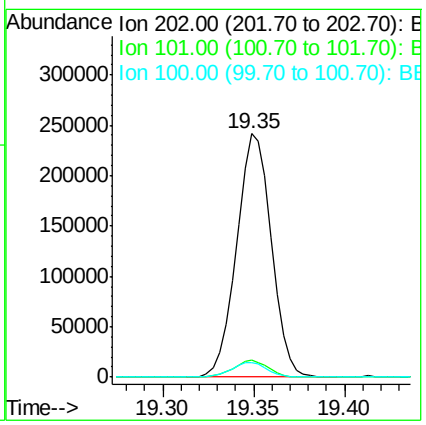
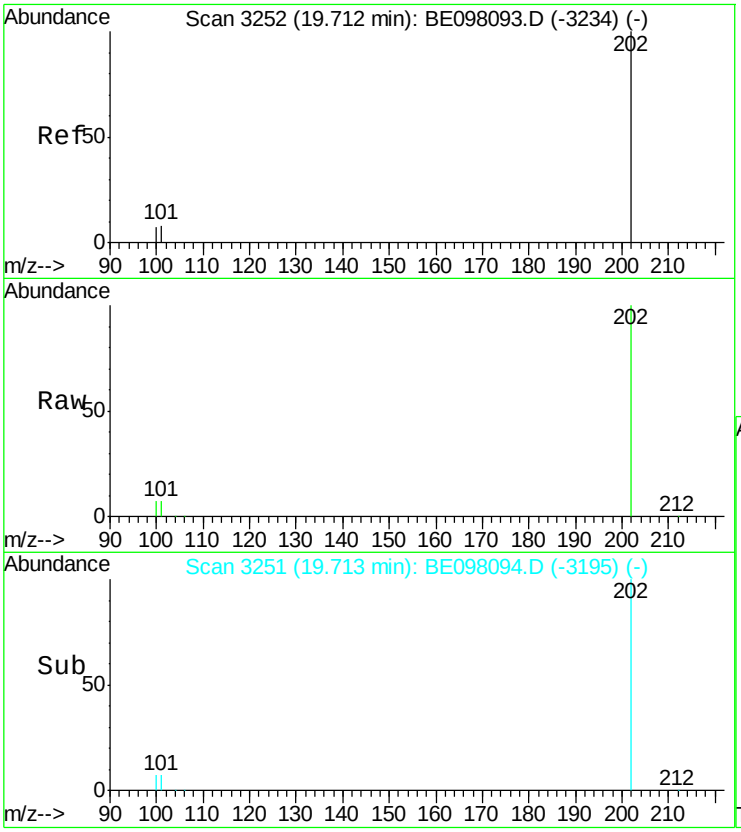


#15
Fluoranthene
Concen: 13.687 ng/ul
RT: 19.35 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:202 Resp: 323360

Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	27.5
100	5.9	0.0	26.0

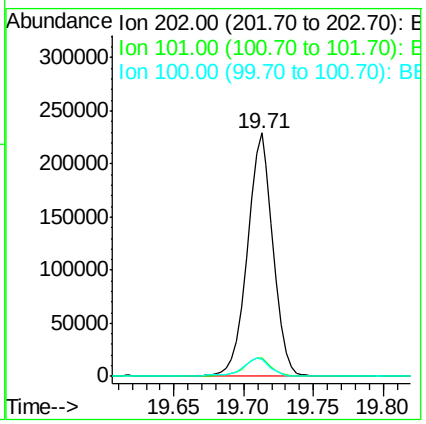




#17
Pyrene
Concen: 10.874 ng/ul
RT: 19.71 min Scan# 3251
Delta R.T. 0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:202 Resp: 292094

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.9	10.3
100	7.0	6.0	9.0



Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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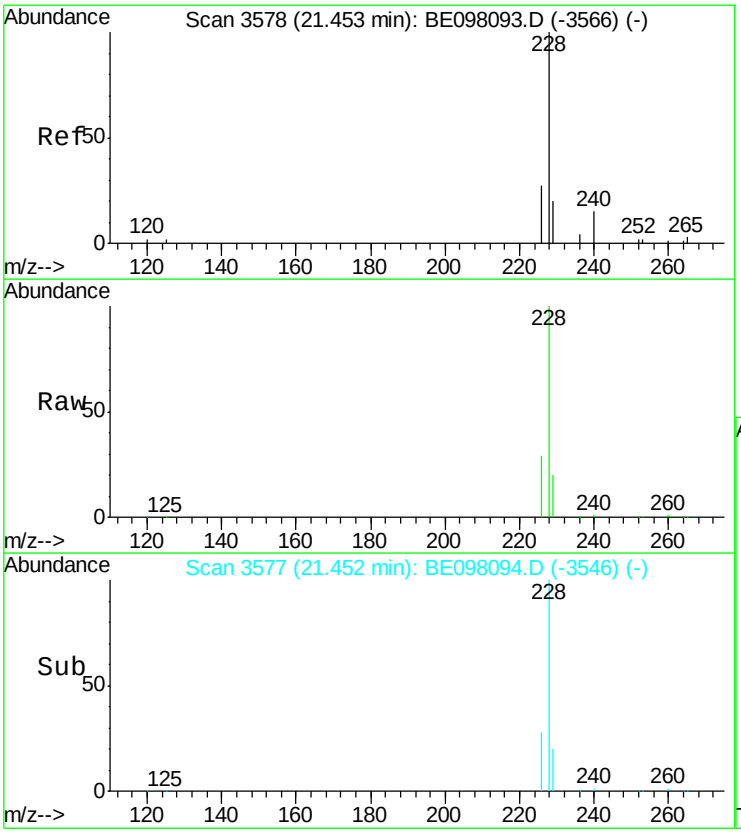
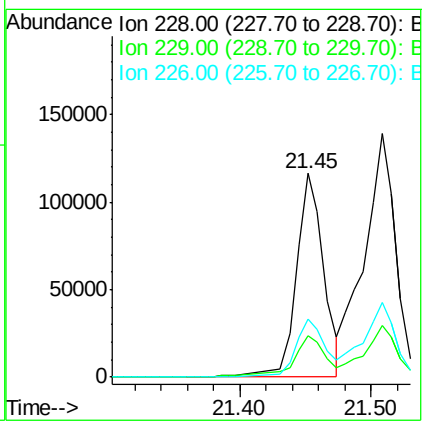
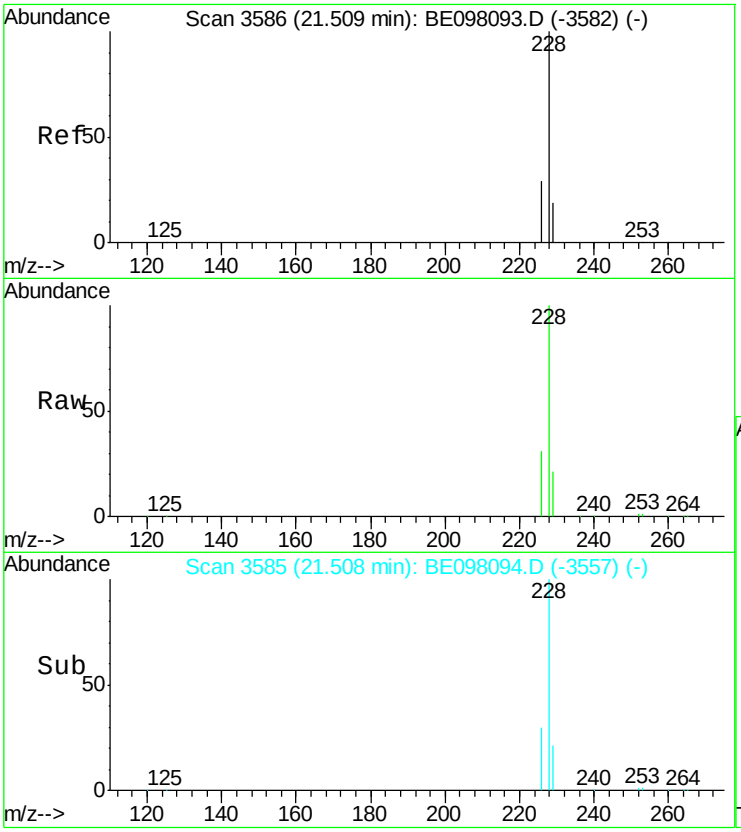


#18
Benzo(a)anthracene
Concen: 5.513 ng/ul
RT: 21.45 min Scan# 3577
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:228 Resp: 186474

Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.1	24.1
226	28.6	22.2	33.4

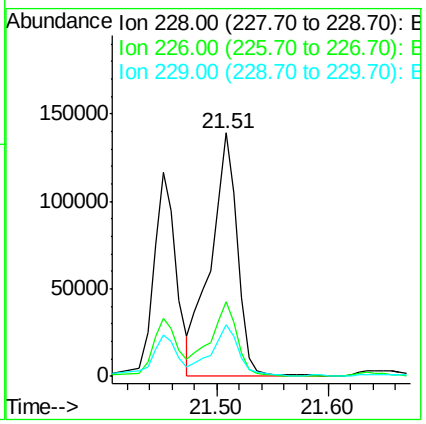




#19
Chrysene
Concen: 8.841 ng/ul
RT: 21.51 min Scan# 3585
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:228 Resp: 231331

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.6	37.0
229	21.1	16.4	24.6



Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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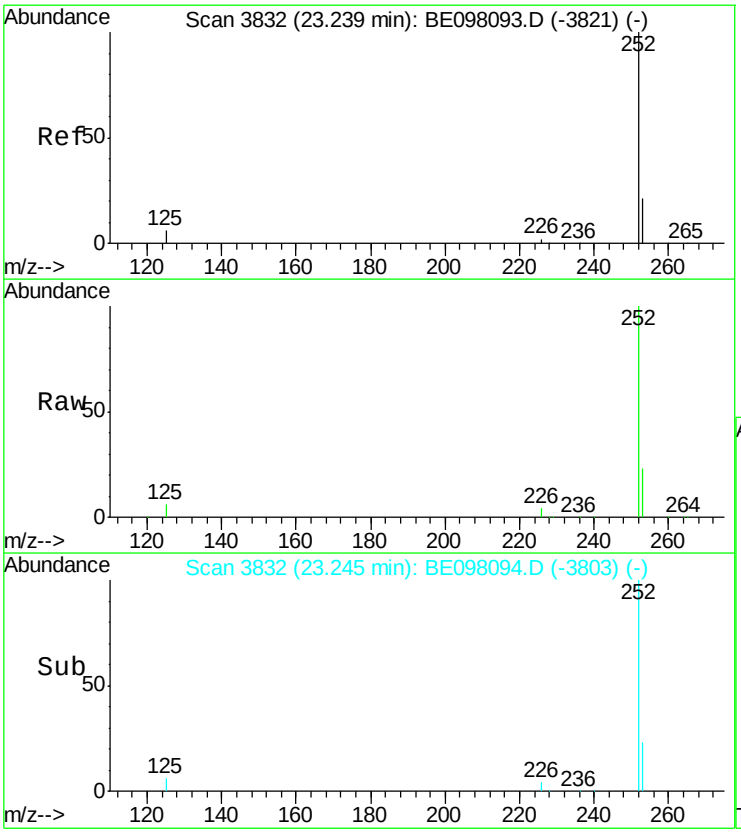
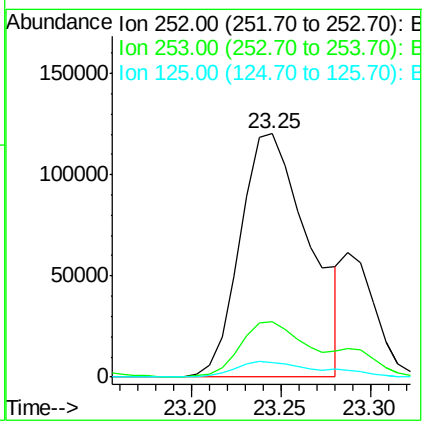
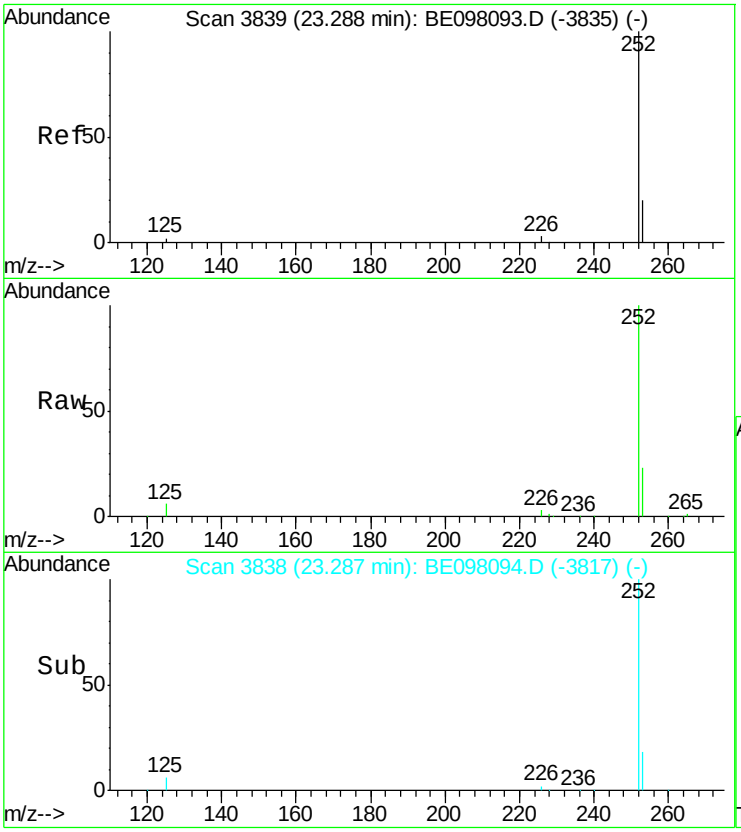


#21
Benzo(b)fluoranthene
Concen: 12.242 ng/ul m
RT: 23.25 min Scan# 3832
Delta R.T. 0.01 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:252 Resp: 321022

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	47.8
125	6.1	0.0	16.8





#22
Benzo(k)fluoranthene
Concen: 2.986 ng/ul m
RT: 23.29 min Scan# 3838
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:252 Resp: 76640

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.3	28.9
125	5.9	6.2	9.2#

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
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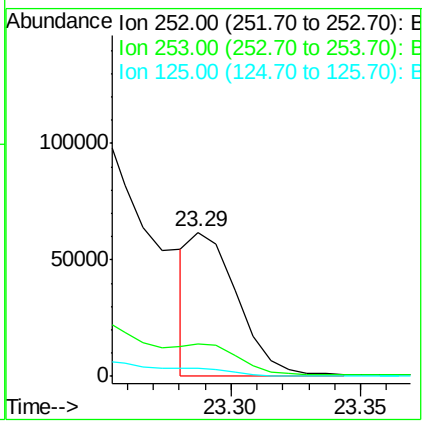
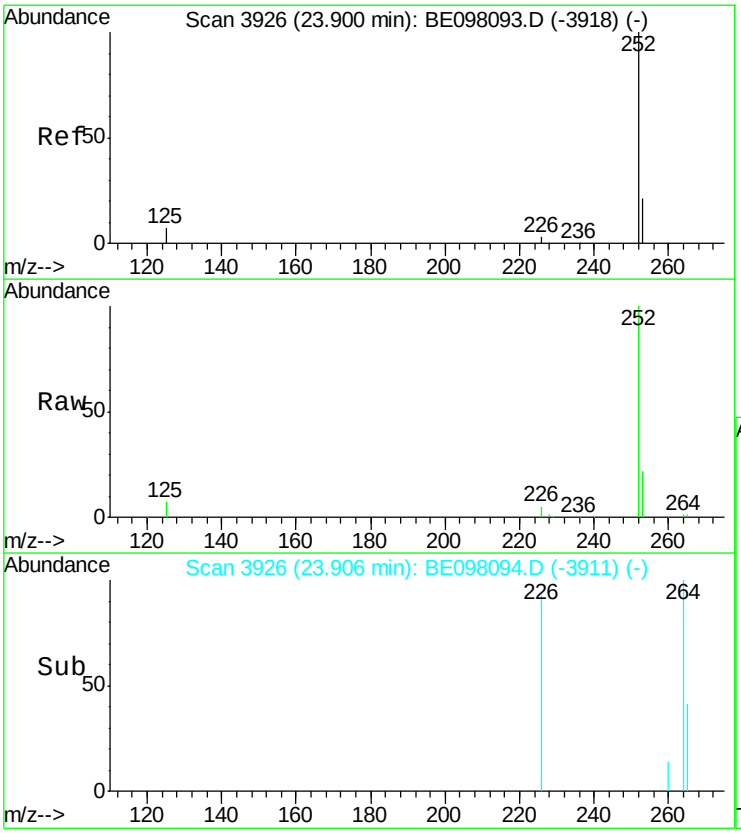
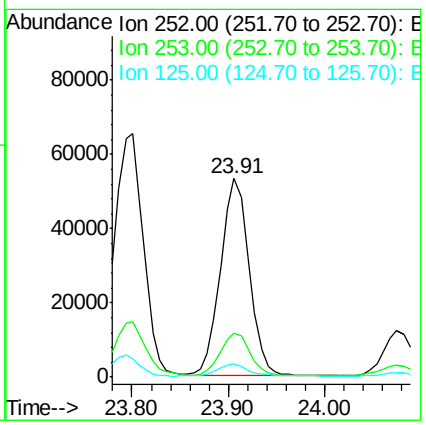


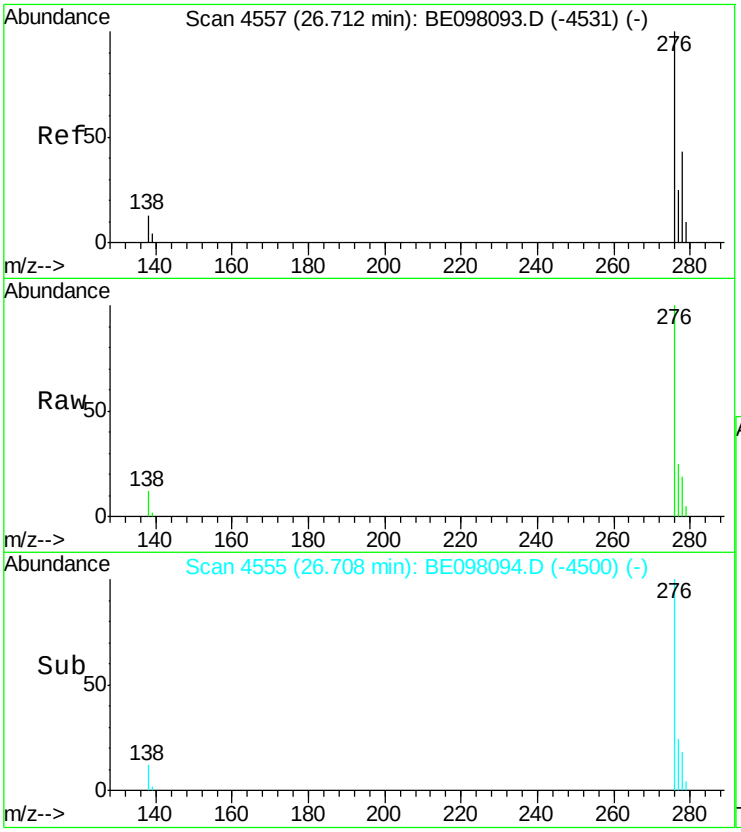


#23
Benzo(a)pyrene
Concen: 4.345 ng/ul
RT: 23.91 min Scan# 3926
Delta R.T. 0.01 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:252 Resp: 109586

Ion	Ratio	Lower	Upper
252	100		
253	22.4	19.4	29.2
125	6.5	7.8	11.8#





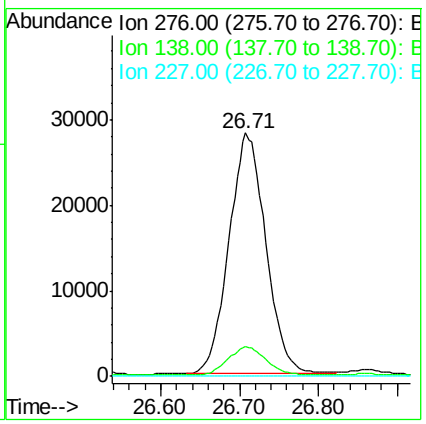
#24
Indeno(1,2,3-cd)pyrene
Concen: 3.143 ng/ul
RT: 26.71 min Scan# 4555
Delta R.T. -0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

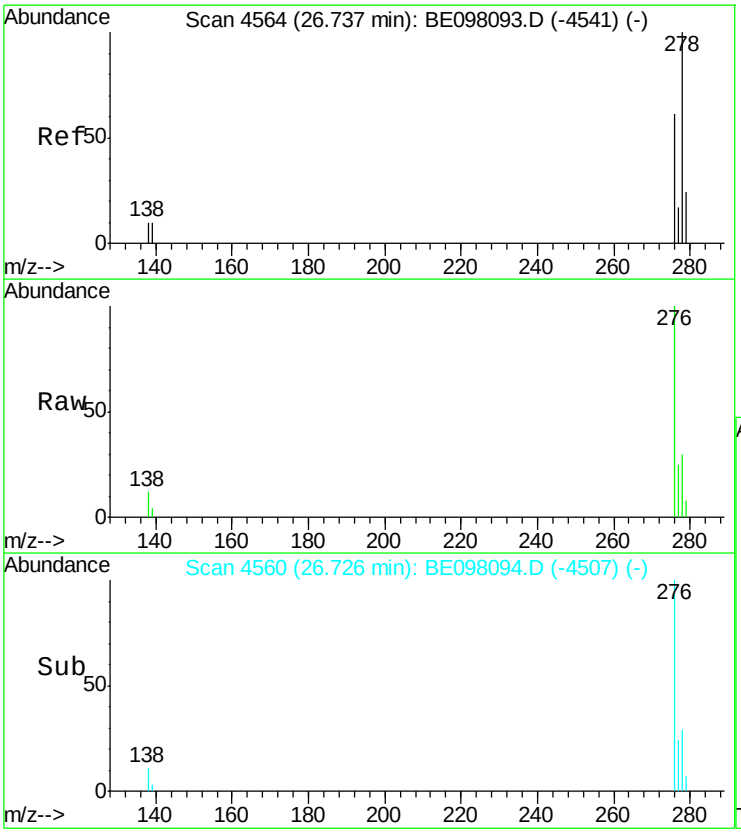
Tgt Ion:276 Resp: 90844

Ion	Ratio	Lower	Upper
276	100		
138	12.1	11.8	17.8
227	0.0	0.0	0.0

Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:25 PM

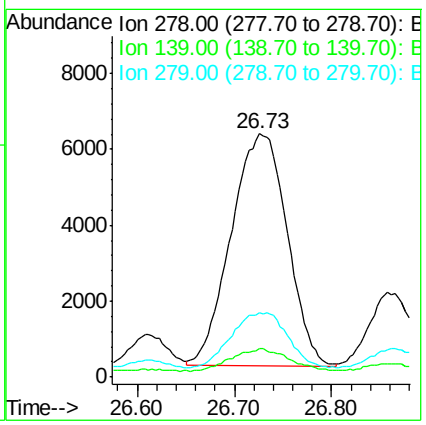


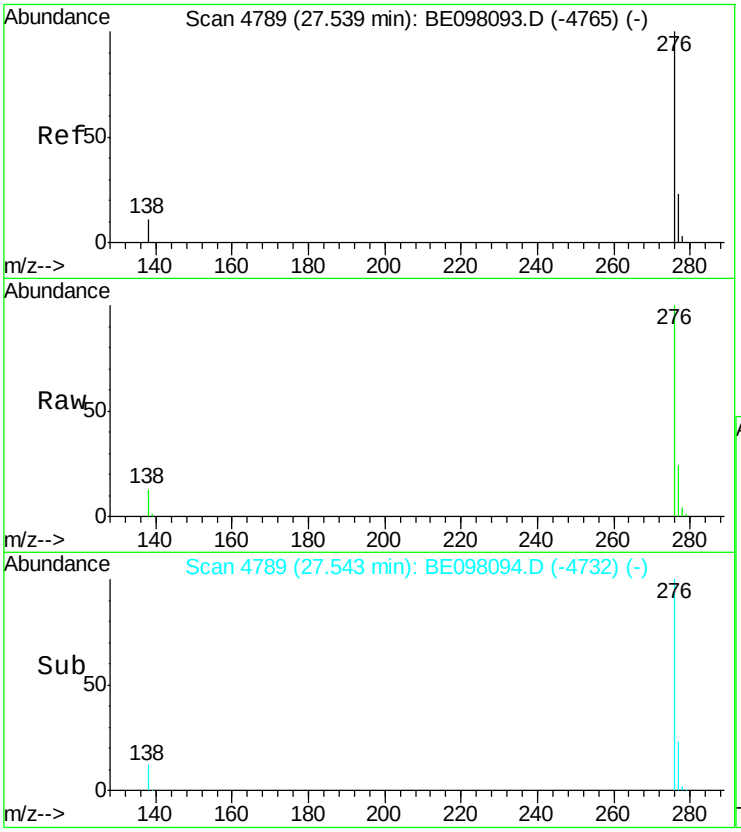


#25
Dibenzo(a,h)anthracene
Concen: 1.016 ng/ul
RT: 26.73 min Scan# 4560
Delta R.T. -0.01 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:278 Resp: 24472

Ion	Ratio	Lower	Upper
278	100		
139	11.6	10.0	15.0
279	26.2	20.3	30.5

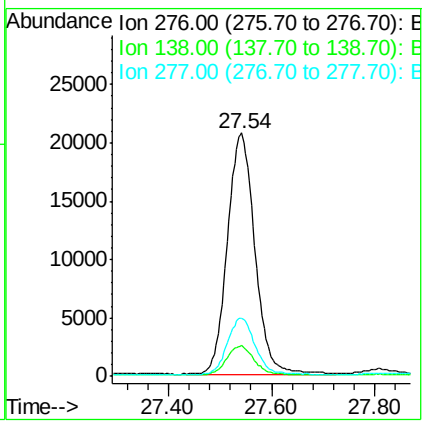




#26
Benzo(g,h,i)perylene
Concen: 3.129 ng/ul
RT: 27.54 min Scan# 4789
Delta R.T. 0.00 min
Lab File: BE098094.D
Acq: 26 Oct 2018 18:30

Tgt Ion:276 Resp: 76138

Ion	Ratio	Lower	Upper
276	100		
138	12.6	11.6	17.4
277	24.0	20.8	31.2



Instrument :
BNA_E
ClientSampleId :
C0AE7DL

Manual Integrations APPROVED
Sohil
10/29/2018 3:09:25 PM