Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
Data File : BE097891.D
Acq On : 12 Oct 2018 22:30
Operator : SJ/JU
Sample : J5183-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Oct 13 03:01:07 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 : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	2042	0.40	ng/ul	0.00
2) Naphthalene-d8	10.70	136	10243	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.55	164	7072	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.42	188	189614	0.40	ng/ul	0.10
16) Chrysene-d12	21.63	240	154	0.40	ng/ul	0.13
20) Perylene-d12	24.23	264	1362	0.40	ng/ul	0.16
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.29	152	1149	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.45	212	378	0.00	ng/ul	0.10
Target Compounds						Qvalue
3) Naphthalene	10.75	128	7771	0.312	ng/ul	96
5) 2-Methylnaphthalene	12.37	142	4284	0.238	ng/ul	99
7) Acenaphthylene	14.28	152	11120	0.416	ng/ul	96
8) Acenaphthene	14.62	153	5252	0.253	ng/ul	98
9) Fluorene	15.61	166	7250	0.268	ng/ul	97
12) Phenanthrene	17.44	178	22535	0.050	ng/ul	95
17) Pyrene	19.74	202	300184	654.321	ng/ul	98
18) Benzo(a)anthracene	21.54	228	280023	601.387	ng/ul	95
19) Chrysene	21.54	228	280023	669.333	ng/ul	96
21) Benzo(b)fluoranthene	23.29	252	523074	143.697	ng/ul	97
22) Benzo(k)fluoranthene	23.48	252	33182	8.516	ng/ul#	51
23) Benzo(a)pyrene	24.13	252	49630	13.887	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	26.80	276	201185	49.589	ng/ul#	100
25) Dibenzo(a,h)anthracene	26.95	278	11424	3.407	ng/ul#	40
26) Benzo(g,h,i)perylene	27.64	276	198373	56.117	ng/ul	98

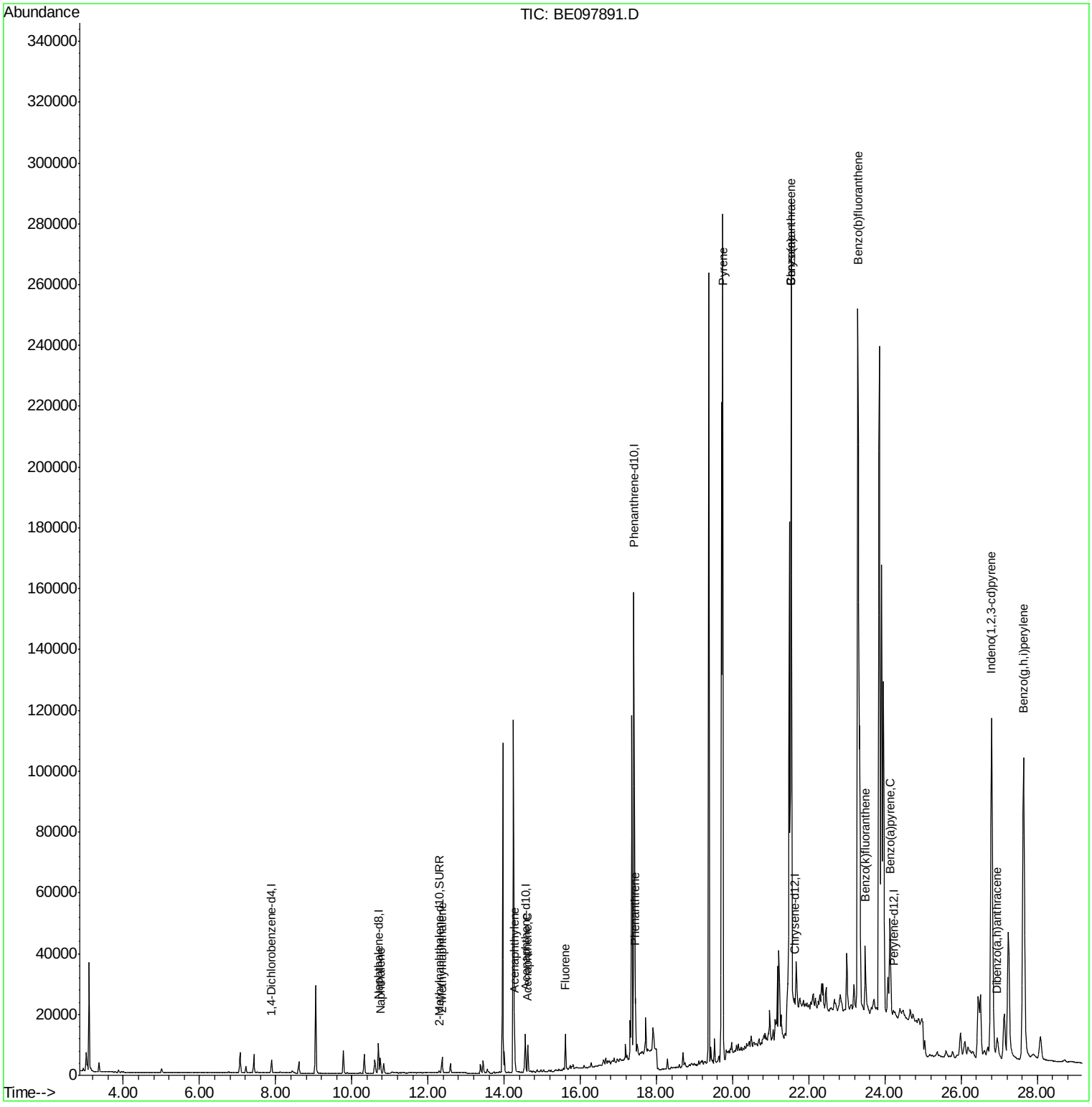
(#) = qualifier out of range (m) = manual integration (+) = signals summed

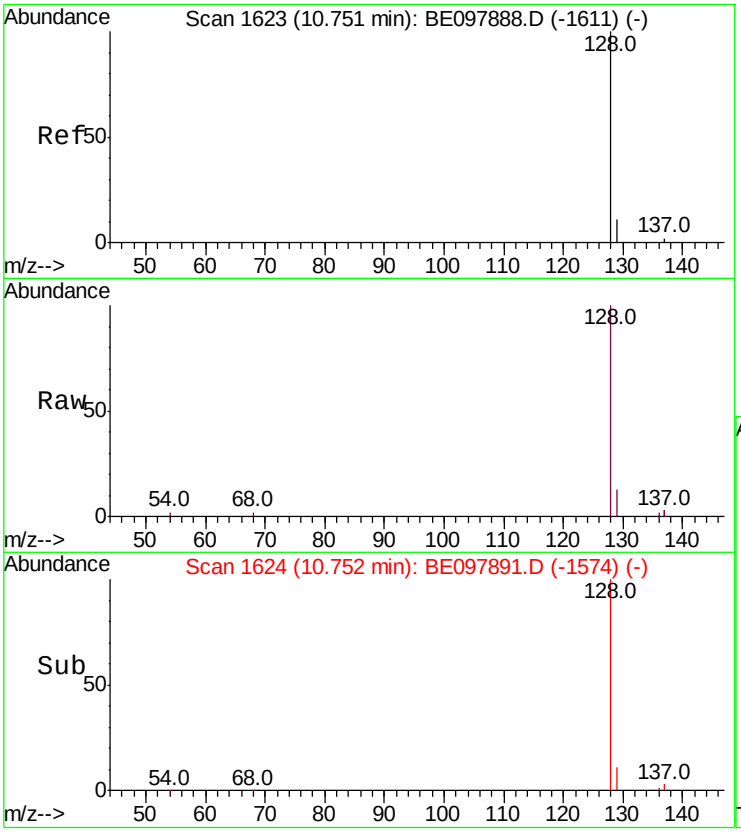
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE101218\
Data File : BE097891.D
Acq On : 12 Oct 2018 22:30
Operator : SJ/JU
Sample : J5183-19DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Oct 13 03:01:07 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 : Sat Oct 13 02:57:21 2018
Response via : Initial Calibration



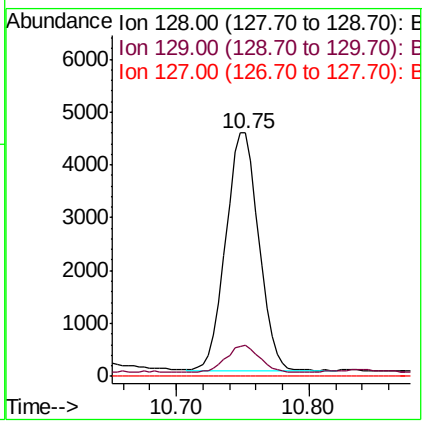


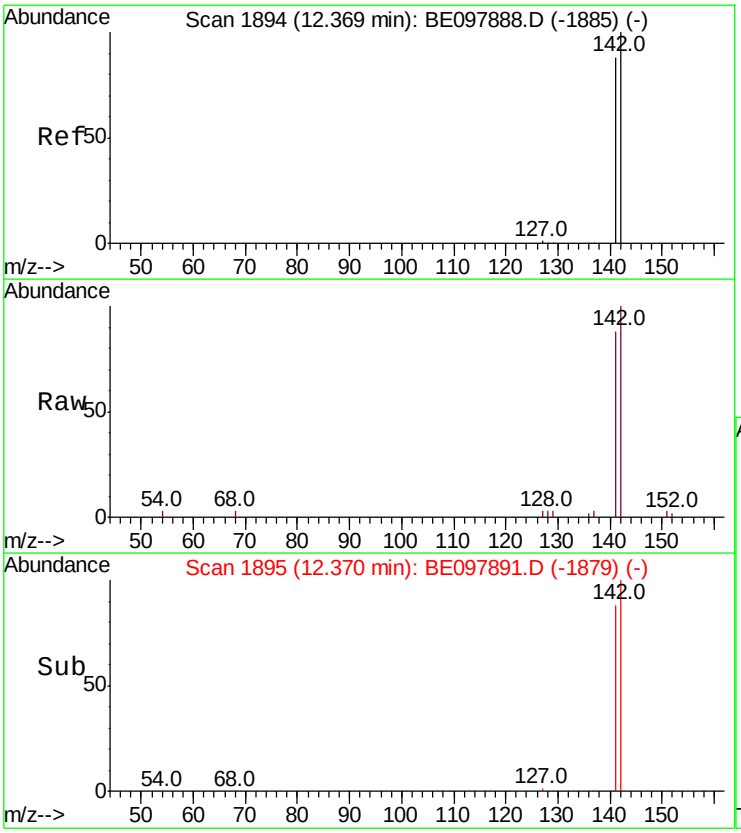
#3
Naphthalene
Concen: 0.312 ng/ul
RT: 10.75 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 7771

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	0.0	0.0	0.0

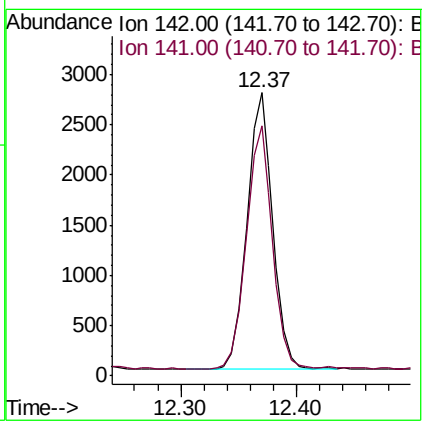


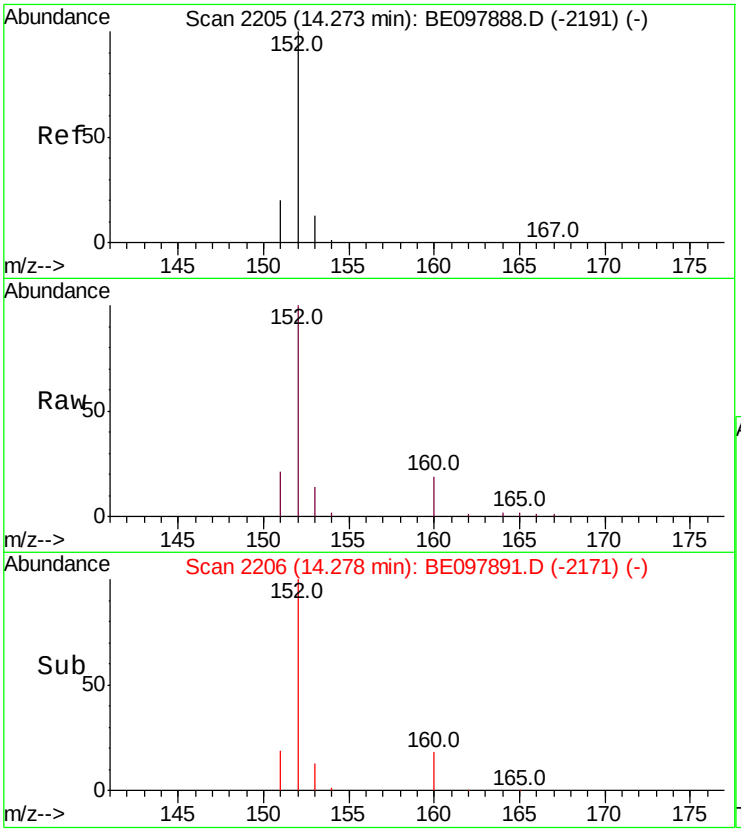


#5
2-Methylnaphthalene
Concen: 0.238 ng/ul
RT: 12.37 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:142 Resp: 4284

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.6	107.4



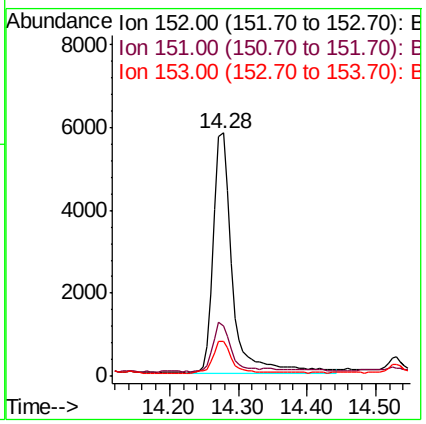


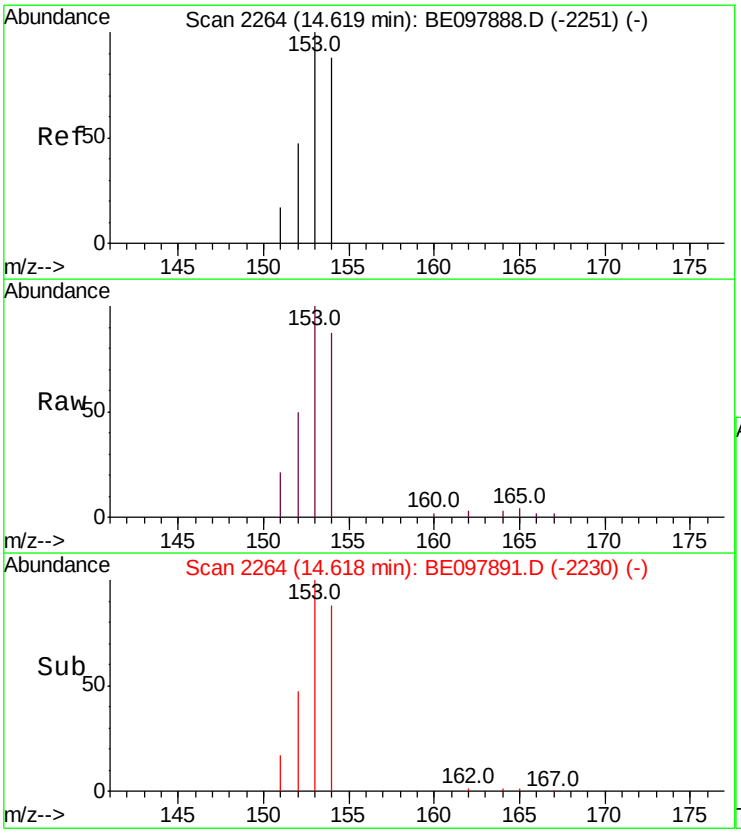
#7
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.28 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11120

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.0	22.6
153	14.2	10.5	15.7

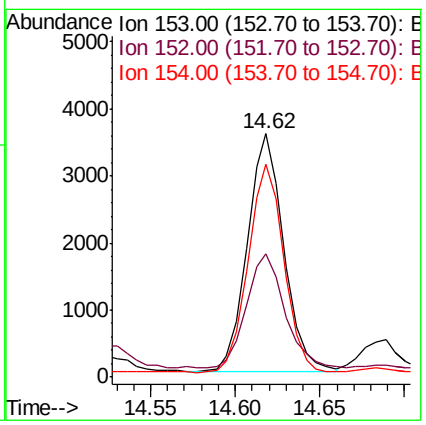


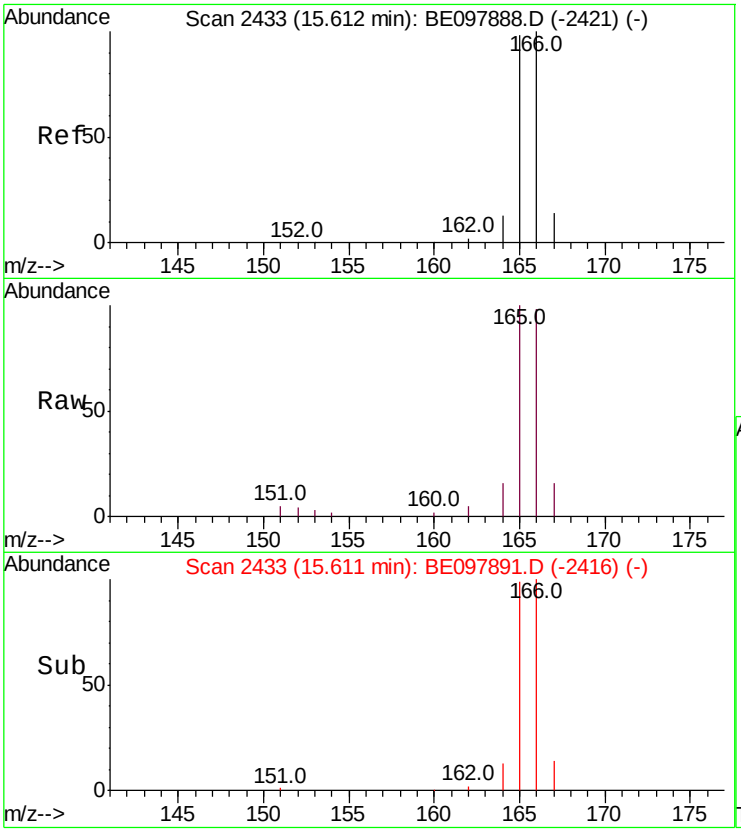


#8
Acenaphthene
Concen: 0.253 ng/ul
RT: 14.62 min Scan# 2264
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:153 Resp: 5252

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.2	61.8
154	87.4	68.6	103.0



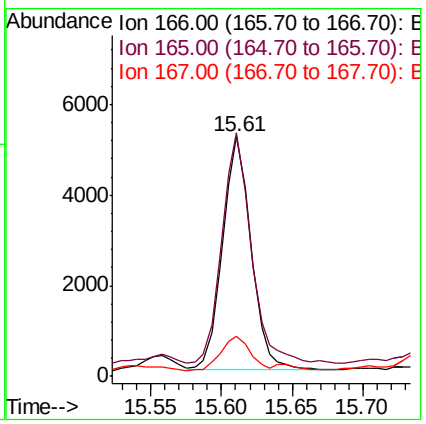


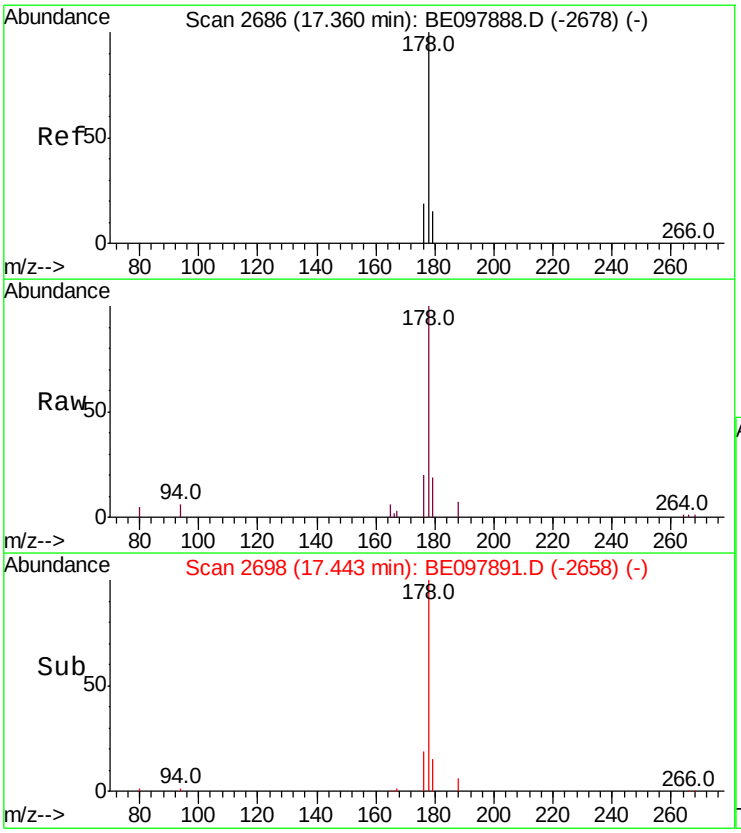
#9
Fluorene
Concen: 0.268 ng/ul
RT: 15.61 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 7250

Ion	Ratio	Lower	Upper
166	100		
165	101.7	79.2	118.8
167	16.5	11.3	16.9

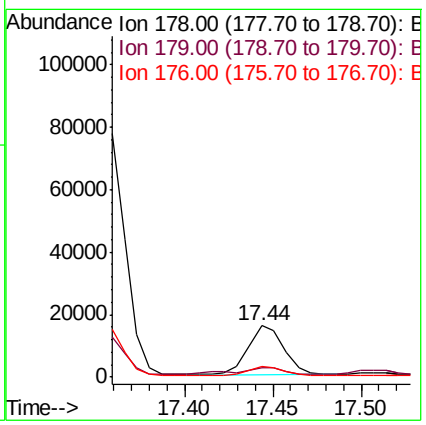


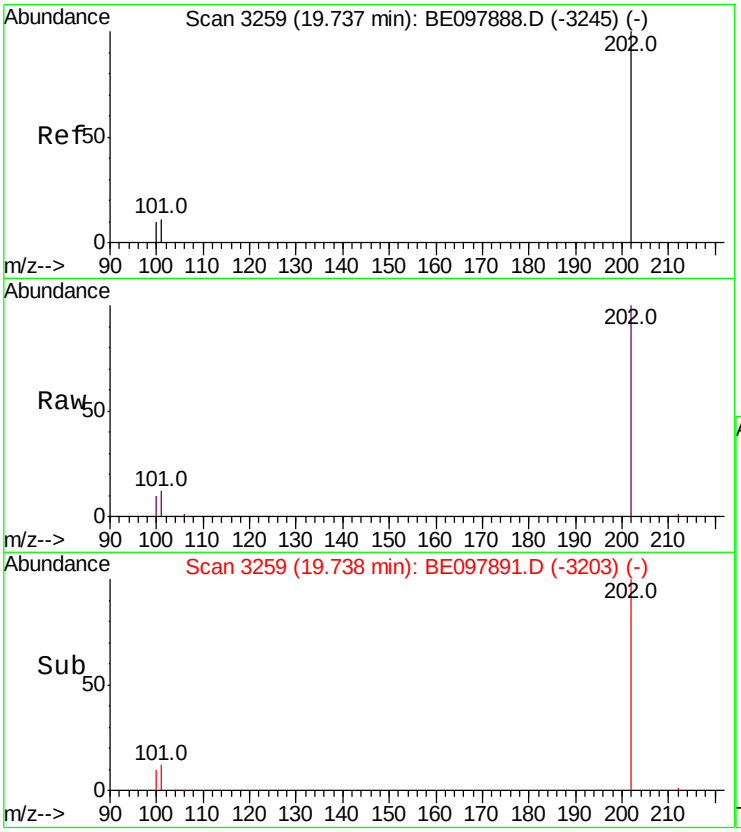


#12
Phenanthrene
Concen: 0.050 ng/ul
RT: 17.44 min Scan# 2698
Delta R.T. 0.08 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:178 Resp: 22535

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.8	19.2
176	20.2	14.9	22.3



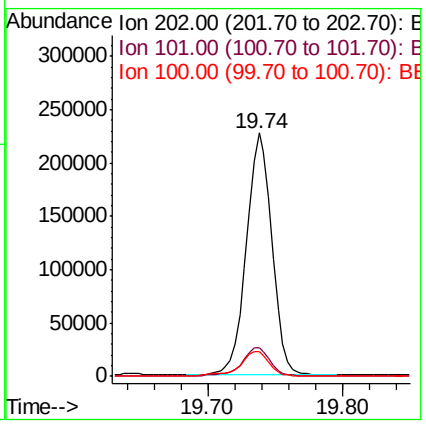


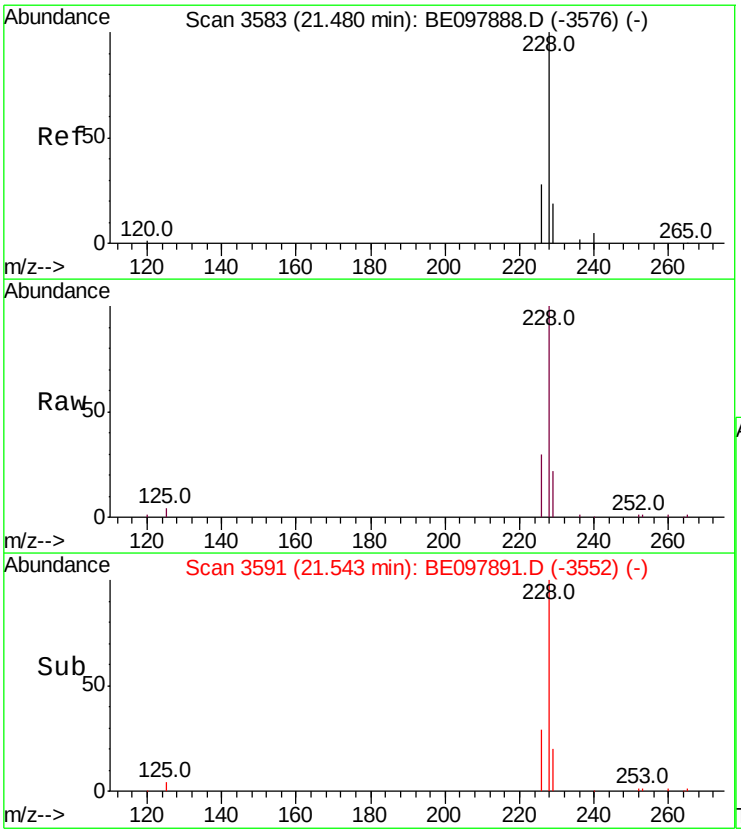
#17
Pyrene
Concen: 654.321 ng/ul
RT: 19.74 min Scan# 3259
Delta R.T. 0.00 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 300184

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.8	13.2
100	10.3	7.9	11.9

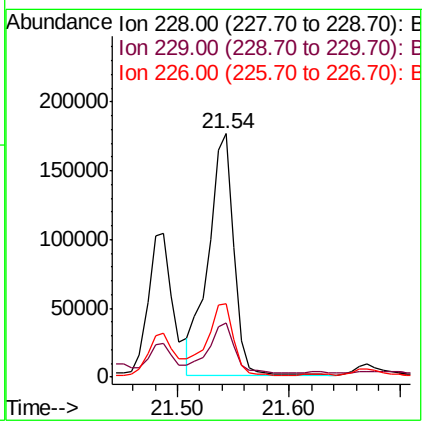


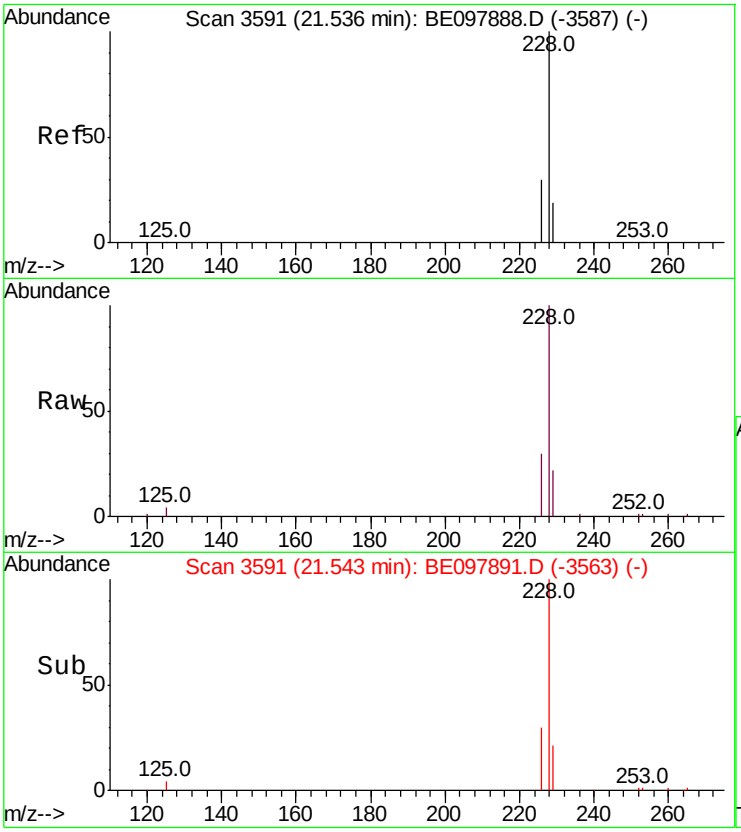


#18
Benzo(a)anthracene
Concen: 601.387 ng/ul
RT: 21.54 min Scan# 3591
Delta R.T. 0.06 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:228 Resp: 280023

Ion	Ratio	Lower	Upper
228	100		
229	22.1	16.4	24.6
226	30.0	21.5	32.3



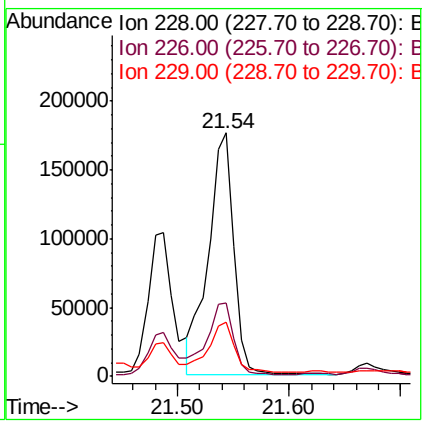


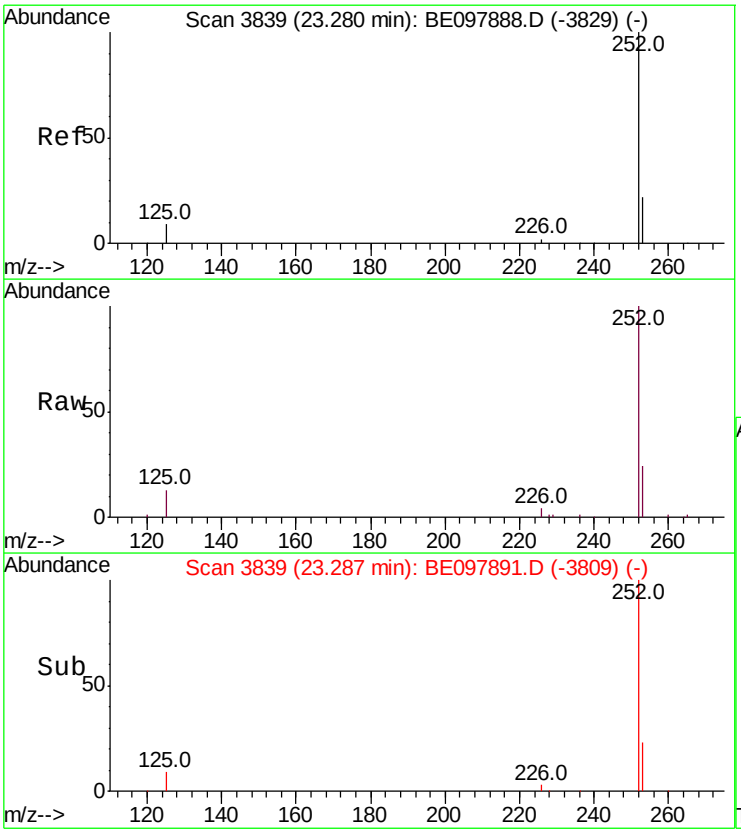
#19
Chrysene
Concen: 669.333 ng/ul
RT: 21.54 min Scan# 3591
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 280023

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.0	34.4
229	22.1	15.5	23.3

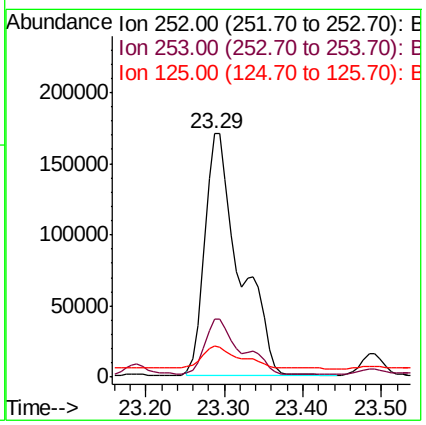


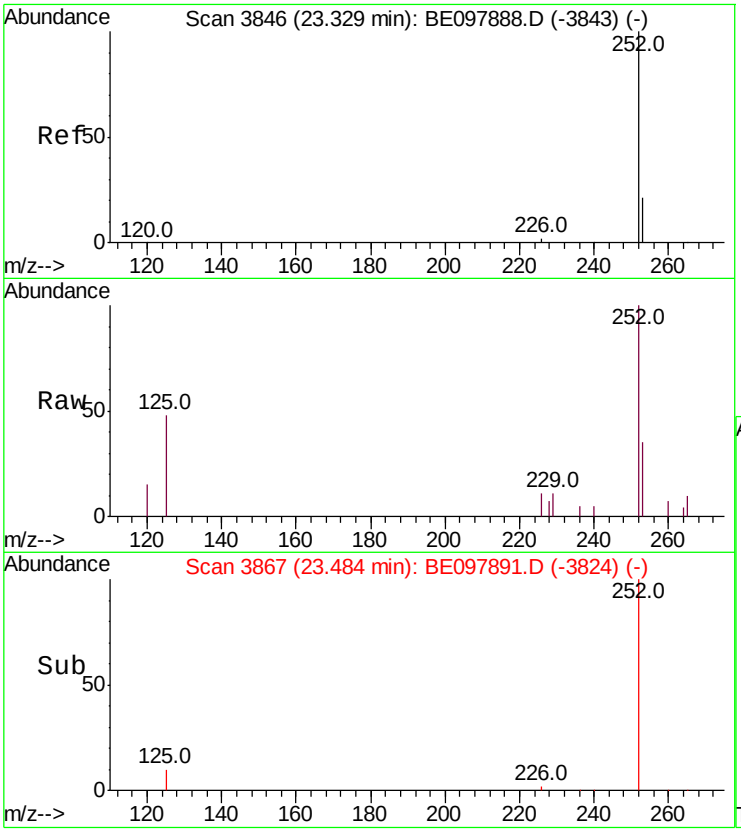


#21
Benzo(b)fluoranthene
Concen: 143.697 ng/ul
RT: 23.29 min Scan# 3839
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:252 Resp: 523074

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	47.0
125	12.7	0.0	18.2



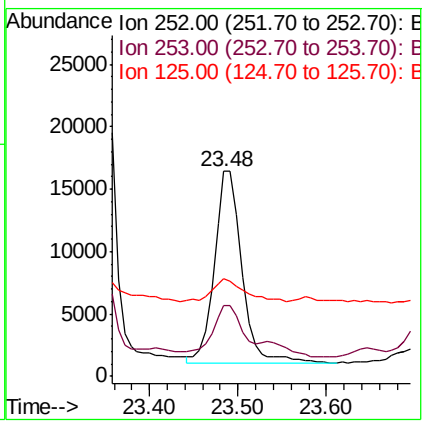


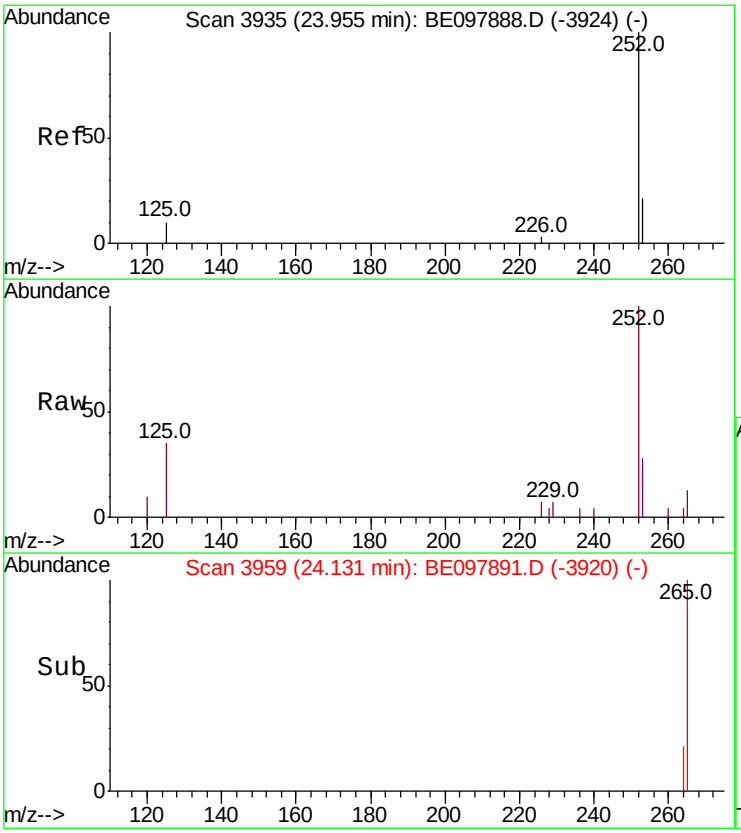
#22
Benzo(k)fluoranthene
Concen: 8.516 ng/ul
RT: 23.48 min Scan# 3867
Delta R.T. 0.16 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 33182

Ion	Ratio	Lower	Upper
252	100		
253	34.7	17.8	26.6#
125	47.9	9.4	14.0#

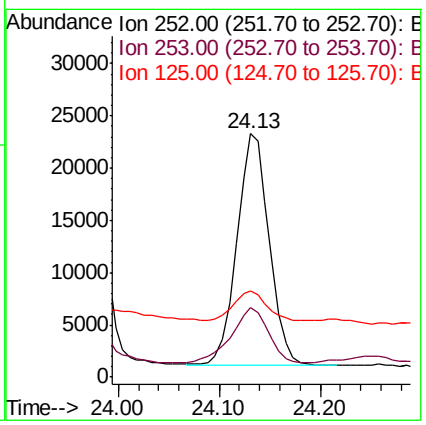


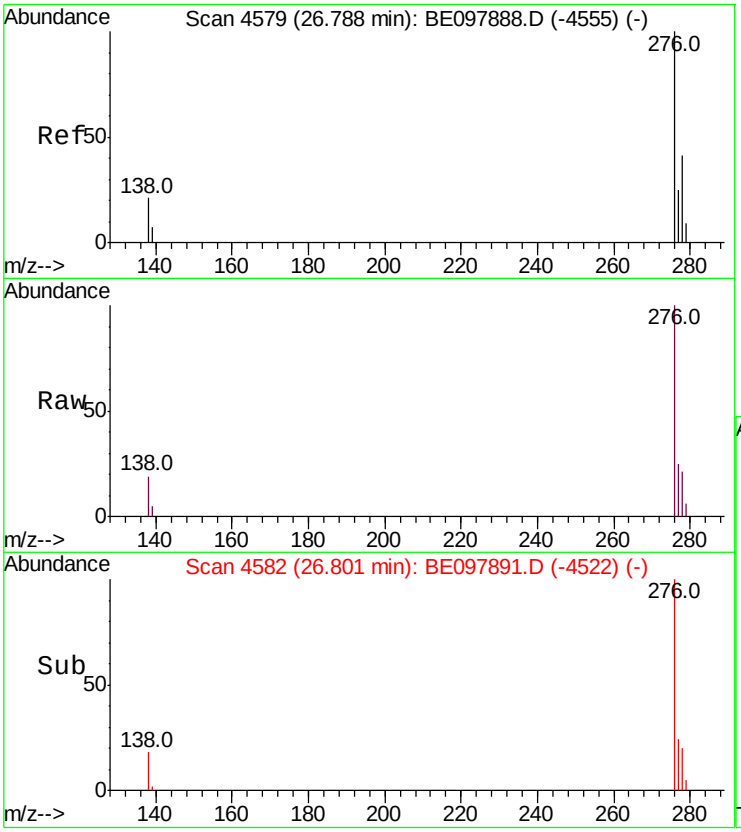


#23
Benzo(a)pyrene
Concen: 13.887 ng/ul
RT: 24.13 min Scan# 3959
Delta R.T. 0.18 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:252 Resp: 49630

Ion	Ratio	Lower	Upper
252	100		
253	28.4	18.2	27.4#
125	35.3	8.3	12.5#



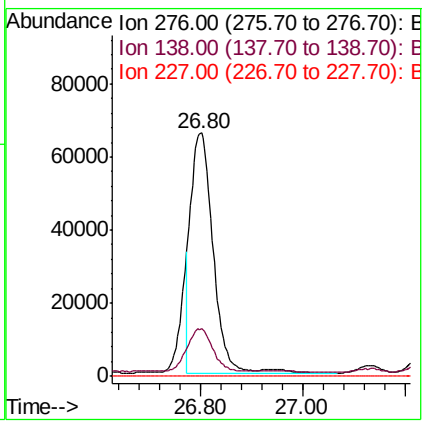


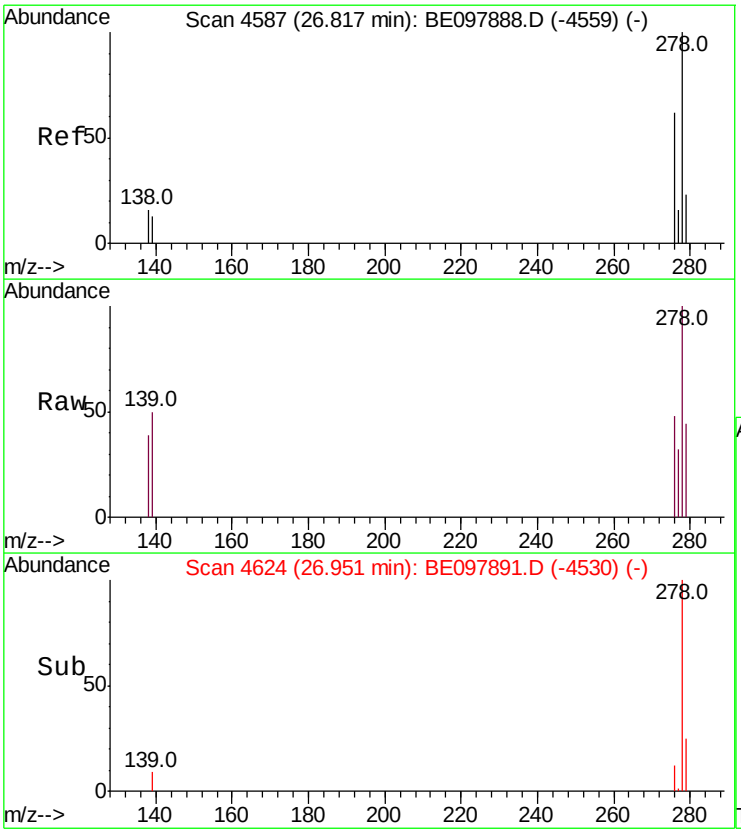
#24
Indeno(1,2,3-cd)pyrene
Concen: 49.589 ng/ul
RT: 26.80 min Scan# 4582
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 201185

Ion	Ratio	Lower	Upper
276	100		
138	17.3	0.0	0.0#
227	0.0	0.0	0.0

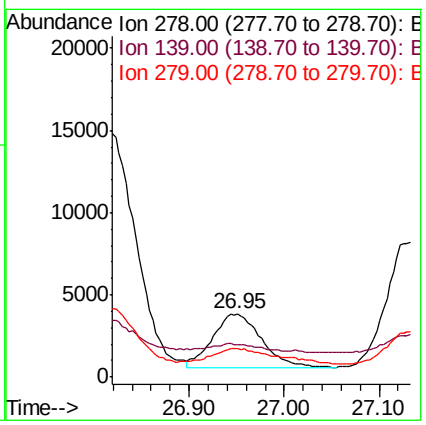


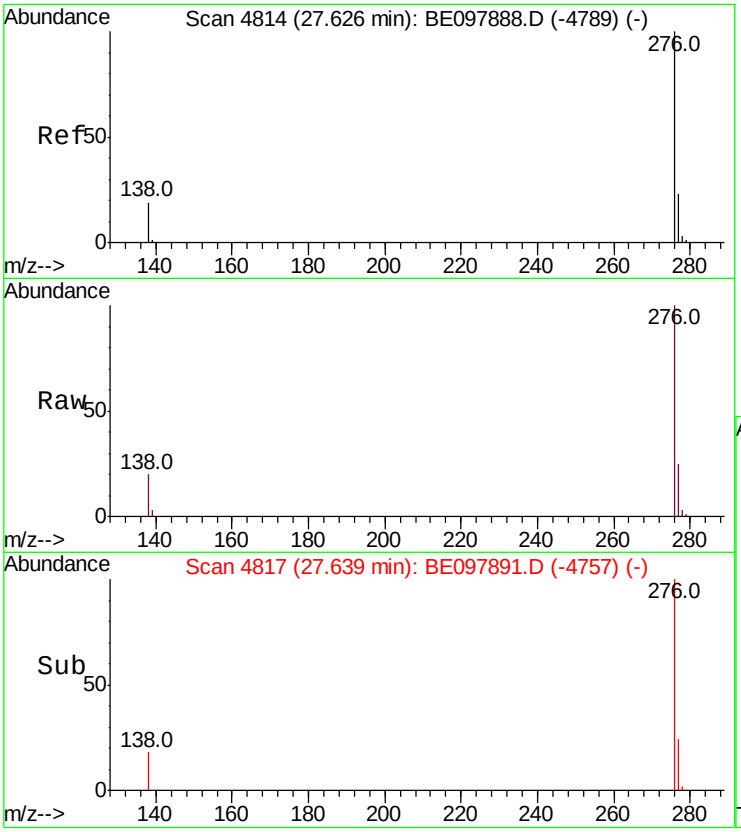


#25
Dibenzo(a,h)anthracene
Concen: 3.407 ng/ul
RT: 26.95 min Scan# 4624
Delta R.T. 0.13 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Tgt Ion:278 Resp: 11424

Ion	Ratio	Lower	Upper
278	100		
139	50.3	10.9	16.3#
279	44.1	18.8	28.2#





#26
Benzo(g,h,i)perylene
Concen: 56.117 ng/ul
RT: 27.64 min Scan# 4817
Delta R.T. 0.01 min
Lab File: BE097891.D
Acq: 12 Oct 2018 22:30

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 198373

Ion	Ratio	Lower	Upper
276	100		
138	20.0	14.3	21.5
277	24.5	19.5	29.3