Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097476.D
Acq On : 13 Sep 2018 6:48
Operator : SJ/JU
Sample : J4792-15DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Sep 13 07:49:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1209	0.40	ng/ul	0.00
2) Naphthalene-d8	10.12	136	6825	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	4470	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.76	188	11279	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	12339	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	13538	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	580	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.80	212	1977	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.17	128	1202	0.072	ng/ul#	88
5) 2-Methylnaphthalene	11.80	142	600	0.057	ng/ul	98
7) Acenaphthylene	13.73	152	1263	0.078	ng/ul#	87
8) Acenaphthene	14.07	153	901	0.064	ng/ul#	94
9) Fluorene	15.07	166	916	0.057	ng/ul#	86
12) Phenanthrene	16.80	178	14347	0.494	ng/ul#	90
13) Anthracene	16.89	178	2721	0.111	ng/ul#	93
15) Fluoranthene	18.84	202	30582	0.820	ng/ul	84
17) Pyrene	19.20	202	31688	0.954	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	17613	0.556	ng/ul#	87
19) Chrysene	21.01	228	20699	0.567	ng/ul#	87
21) Benzo(b)fluoranthene	22.54	252	35139	0.969	ng/ul#	79
22) Benzo(k)fluoranthene	22.54	252	35139	0.869	ng/ul#	78
23) Benzo(a)pyrene	23.11	252	16679	0.497	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	14835	0.341	ng/ul#	74
25) Dibenzo(a,h)anthracene	25.51	278	4094	0.111	ng/ul#	12
26) Benzo(g,h,i)perylene	26.21	276	13608	0.367	ng/ul#	89

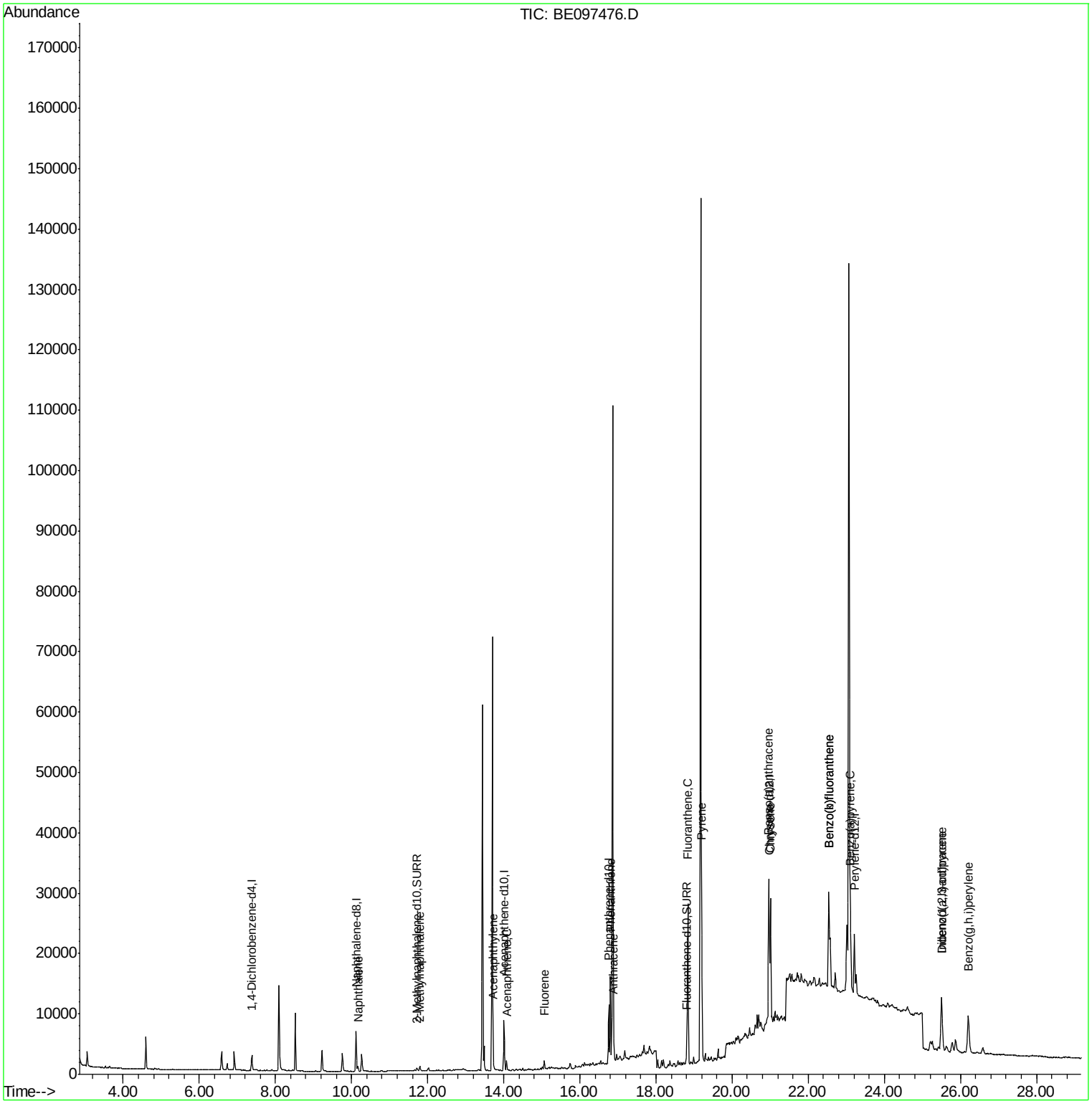
(#) = qualifier out of range (m) = manual integration (+) = signals summed

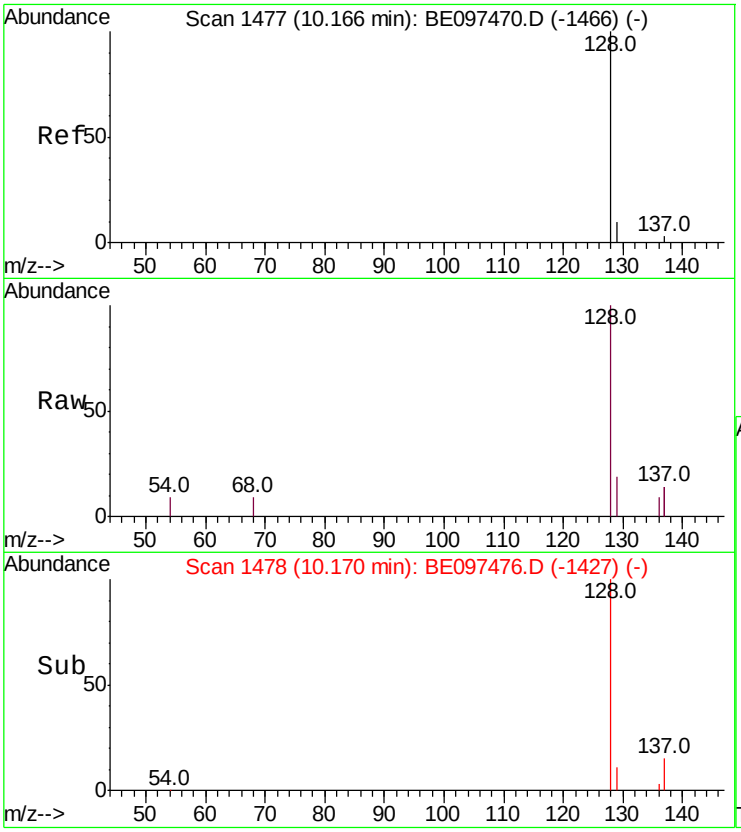
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE091218\
Data File : BE097476.D
Acq On : 13 Sep 2018 6:48
Operator : SJ/JU
Sample : J4792-15DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Sep 13 07:49:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE082918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 13 07:48:38 2018
Response via : Initial Calibration



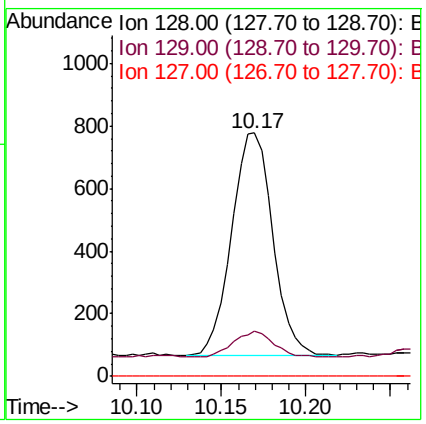


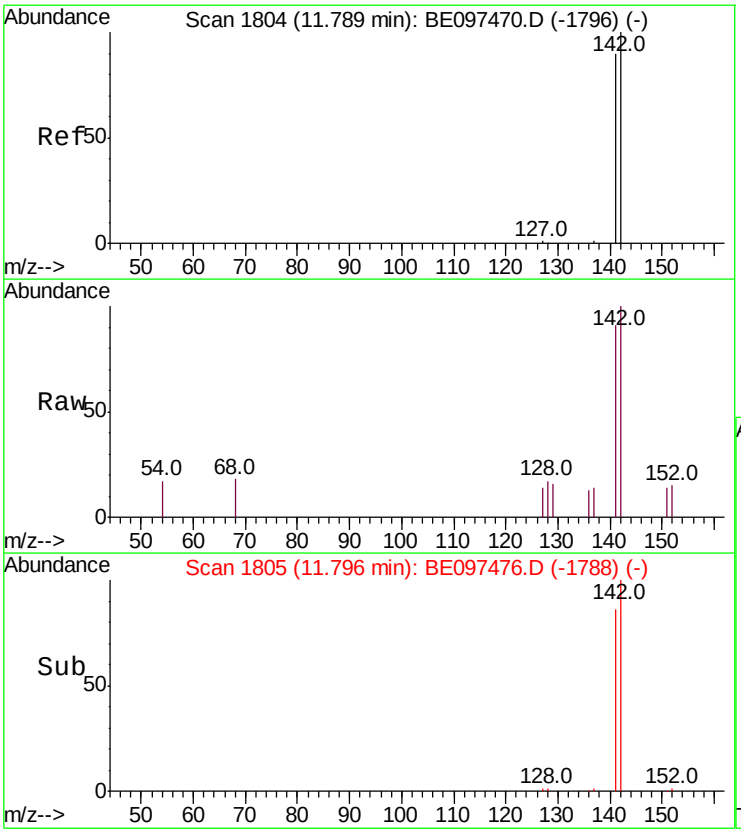
#3
Naphthalene
Concen: 0.072 ng/ul
RT: 10.17 min Scan# 1478
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 1202

Ion	Ratio	Lower	Upper
128	100		
129	18.6	11.3	16.9#
127	0.0	4.0	6.0#

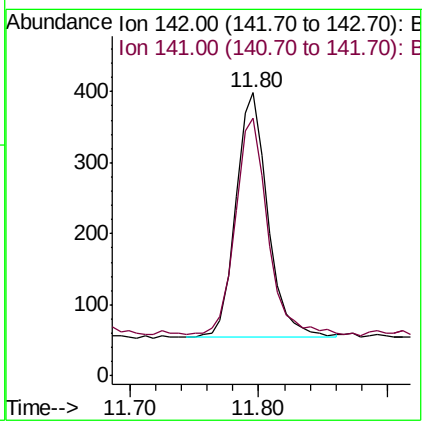


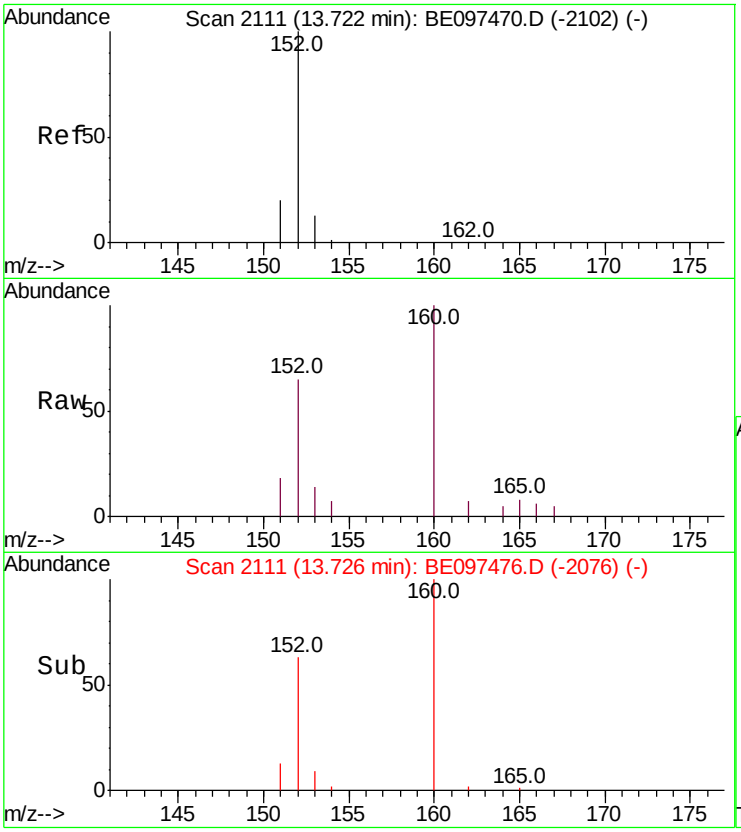


#5
2-Methylnaphthalene
Concen: 0.057 ng/ul
RT: 11.80 min Scan# 1805
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:142 Resp: 600

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8



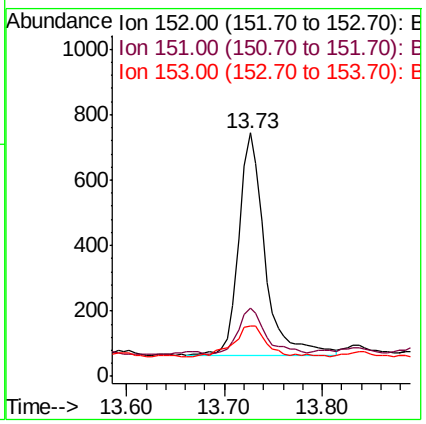


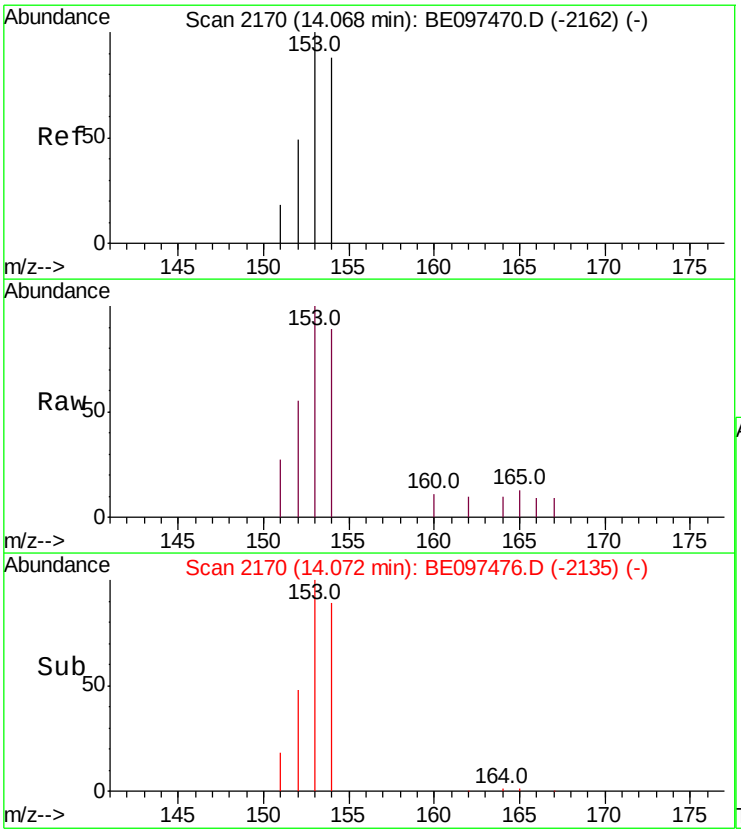
#7
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.73 min Scan# 2111
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1263

Ion	Ratio	Lower	Upper
152	100		
151	27.8	17.1	25.7#
153	21.0	12.8	19.2#

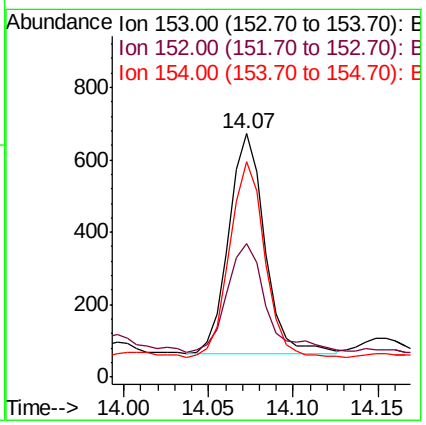


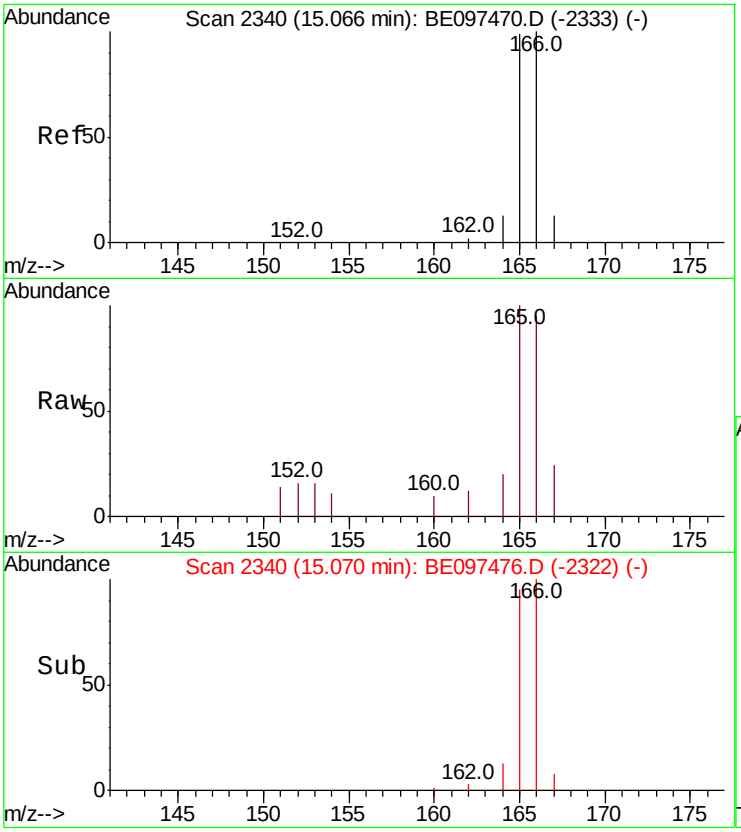


#8
Acenaphthene
Concen: 0.064 ng/ul
RT: 14.07 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:153 Resp: 901

Ion	Ratio	Lower	Upper
153	100		
152	54.8	36.0	54.0#
154	88.7	72.0	108.0



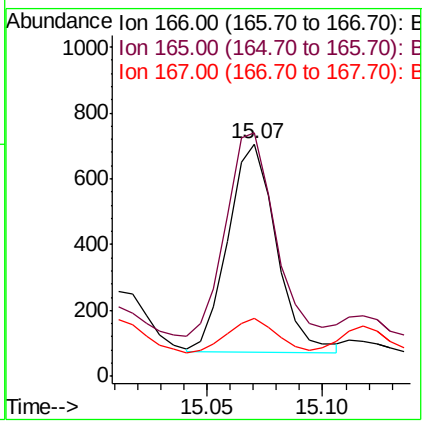


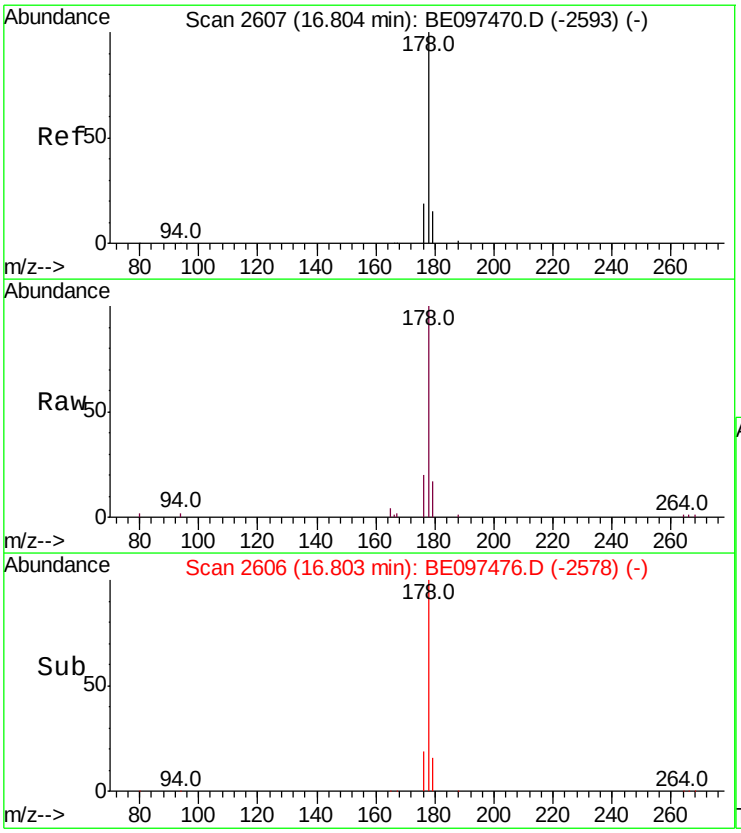
#9
Fluorene
Concen: 0.057 ng/ul
RT: 15.07 min Scan# 2340
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 916

Ion	Ratio	Lower	Upper
166	100		
165	104.8	73.4	110.2
167	25.2	14.6	22.0#

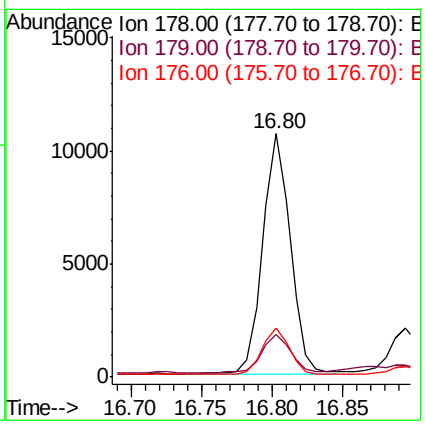


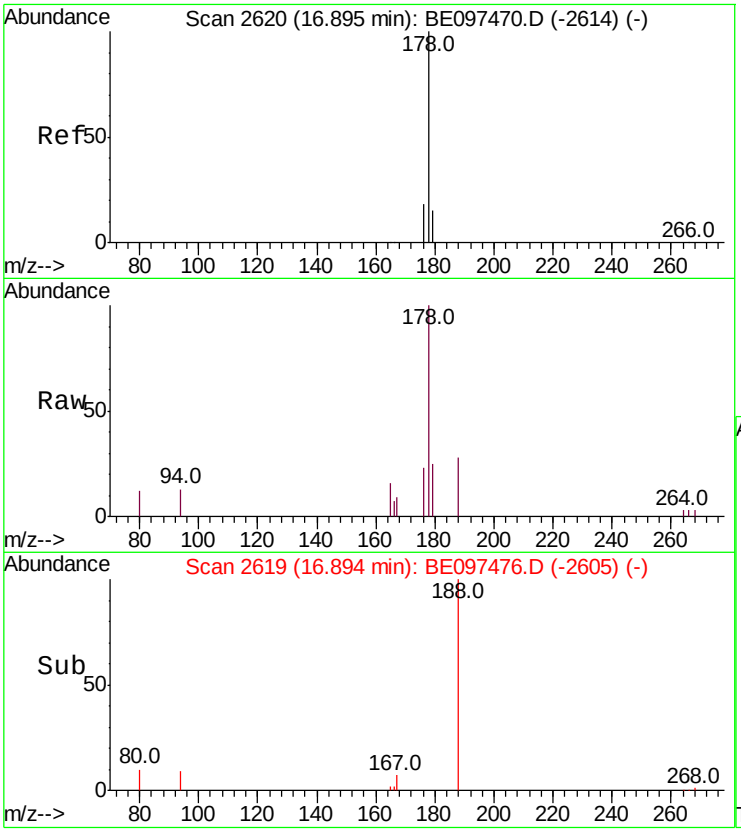


#12
Phenanthrene
Concen: 0.494 ng/ul
RT: 16.80 min Scan# 2606
Delta R.T. -0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:178 Resp: 14347

Ion	Ratio	Lower	Upper
178	100		
179	17.3	18.4	27.6#
176	20.1	13.6	20.4



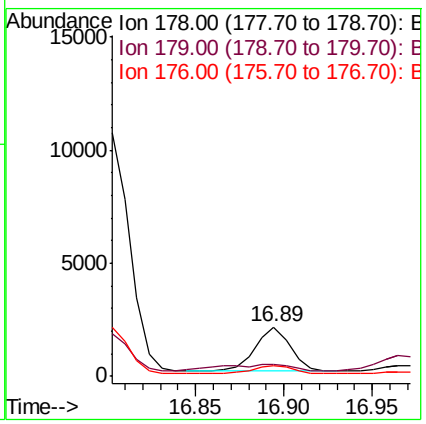


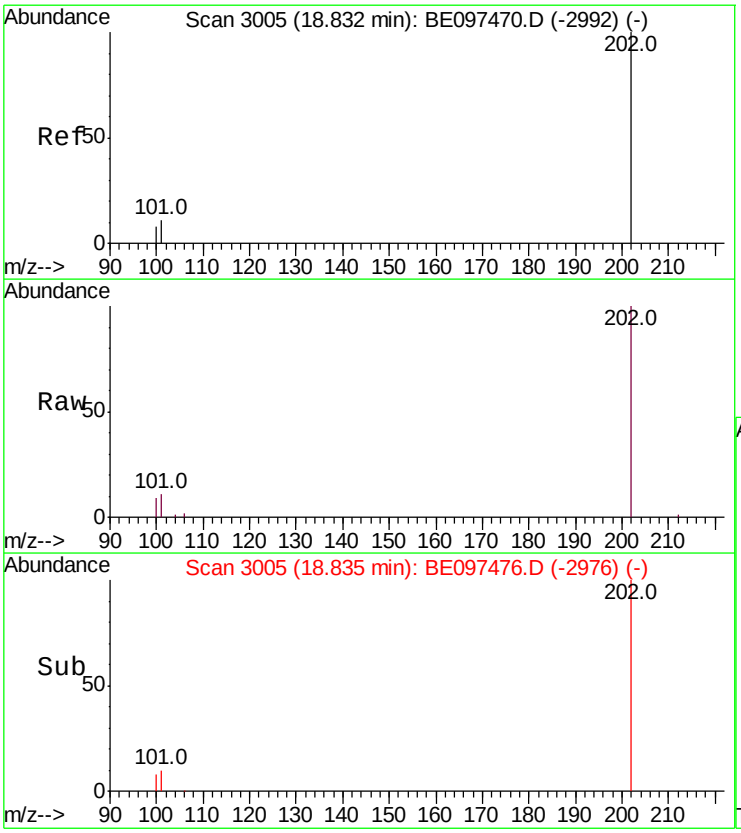
#13
Anthracene
Concen: 0.111 ng/ul
RT: 16.89 min Scan# 2619
Delta R.T. -0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 2721

Ion	Ratio	Lower	Upper
178	100		
179	24.8	18.1	27.1
176	22.8	14.7	22.1#

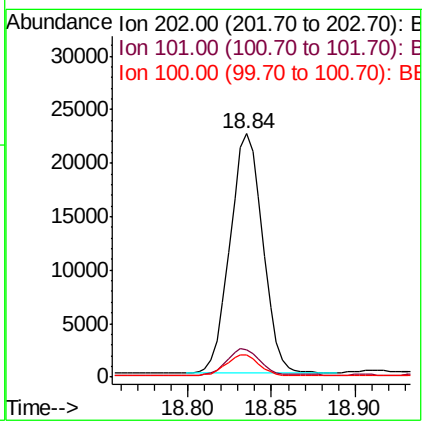


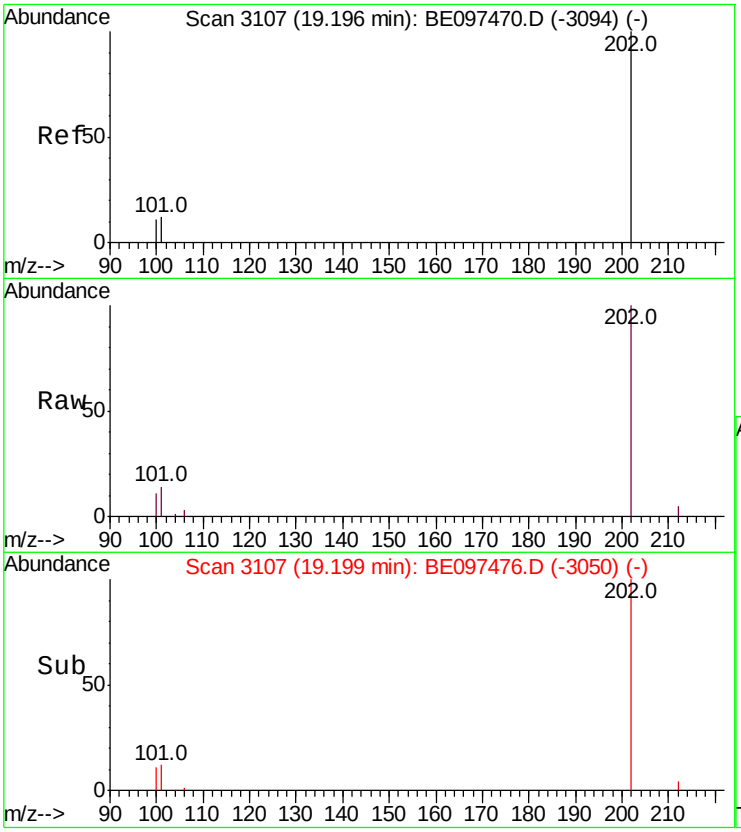


#15
Fluoranthene
Concen: 0.820 ng/ul
RT: 18.84 min Scan# 3005
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:202 Resp: 30582

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	30.3
100	8.9	0.0	39.5



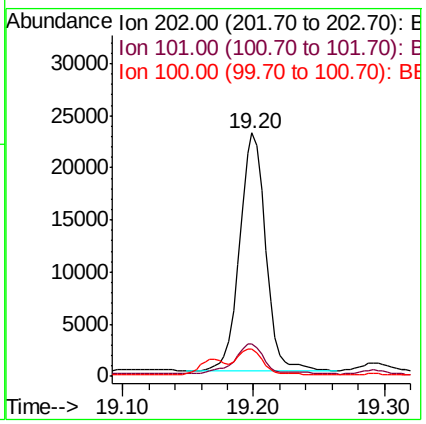


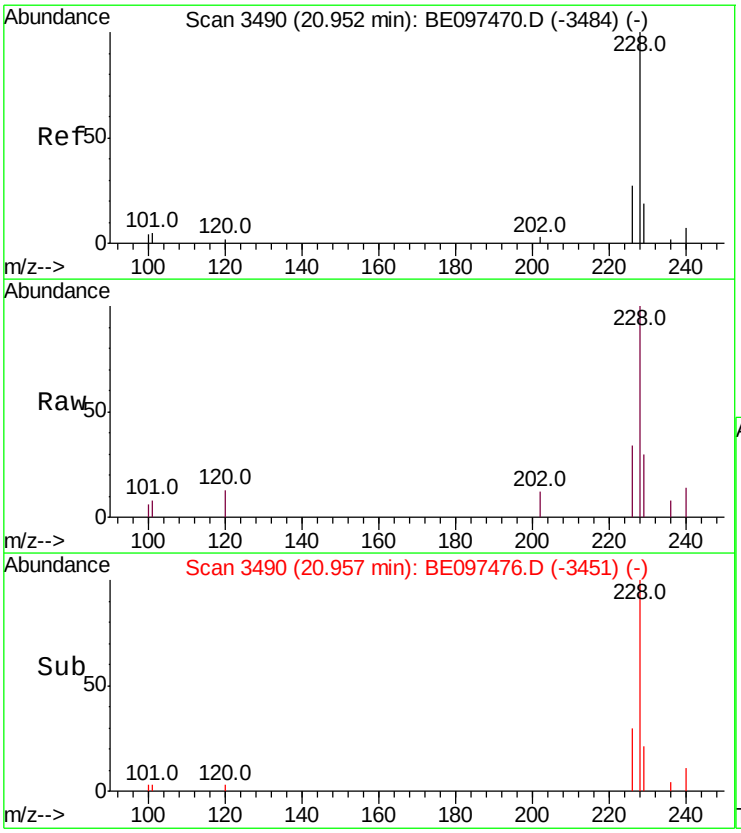
#17
Pyrene
Concen: 0.954 ng/ul
RT: 19.20 min Scan# 3107
Delta R.T. 0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 31688

Ion	Ratio	Lower	Upper
202	100		
101	13.5	18.2	27.4#
100	11.3	15.6	23.4#

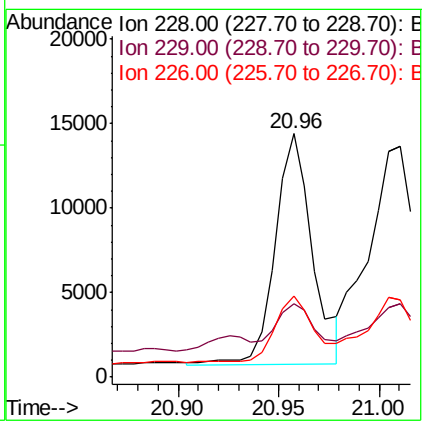


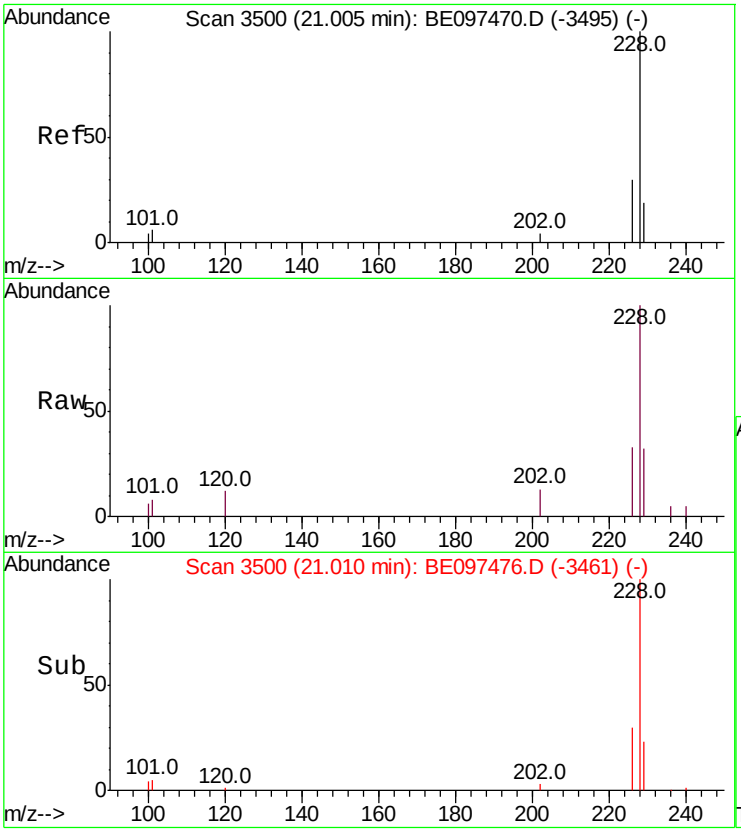


#18
Benzo(a)anthracene
Concen: 0.556 ng/ul
RT: 20.96 min Scan# 3490
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:228 Resp: 17613

Ion	Ratio	Lower	Upper
228	100		
229	30.3	22.8	34.2
226	33.5	17.0	25.6#



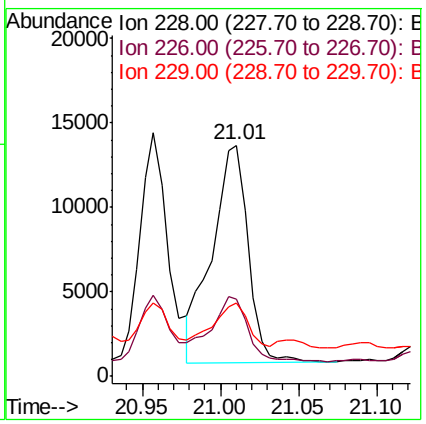


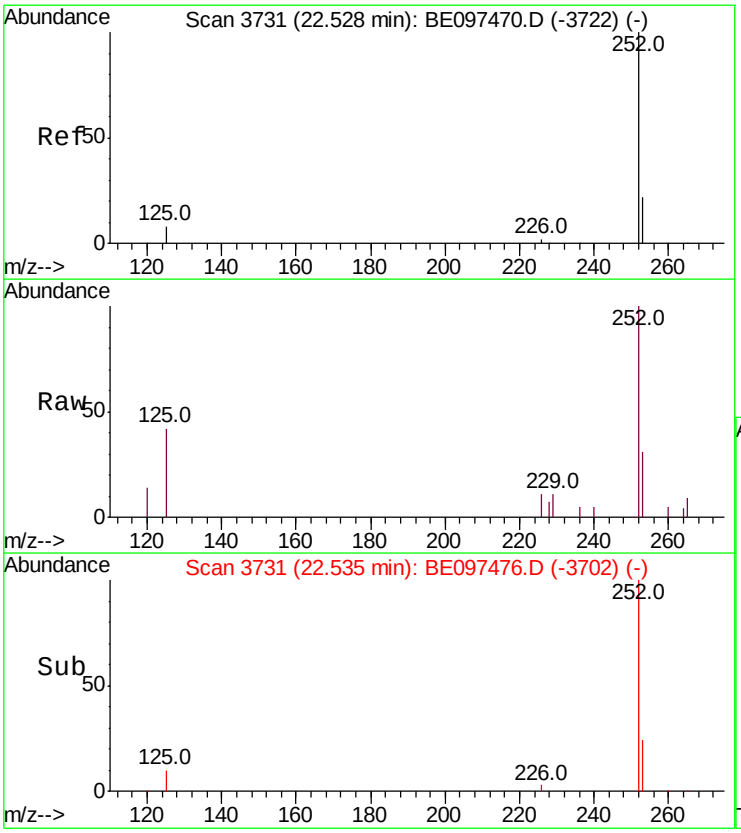
#19
Chrysene
Concen: 0.567 ng/ul
RT: 21.01 min Scan# 3500
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20699

Ion	Ratio	Lower	Upper
228	100		
226	33.5	23.4	35.0
229	31.7	17.7	26.5#

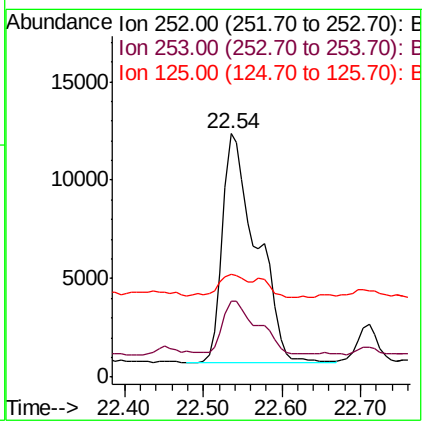


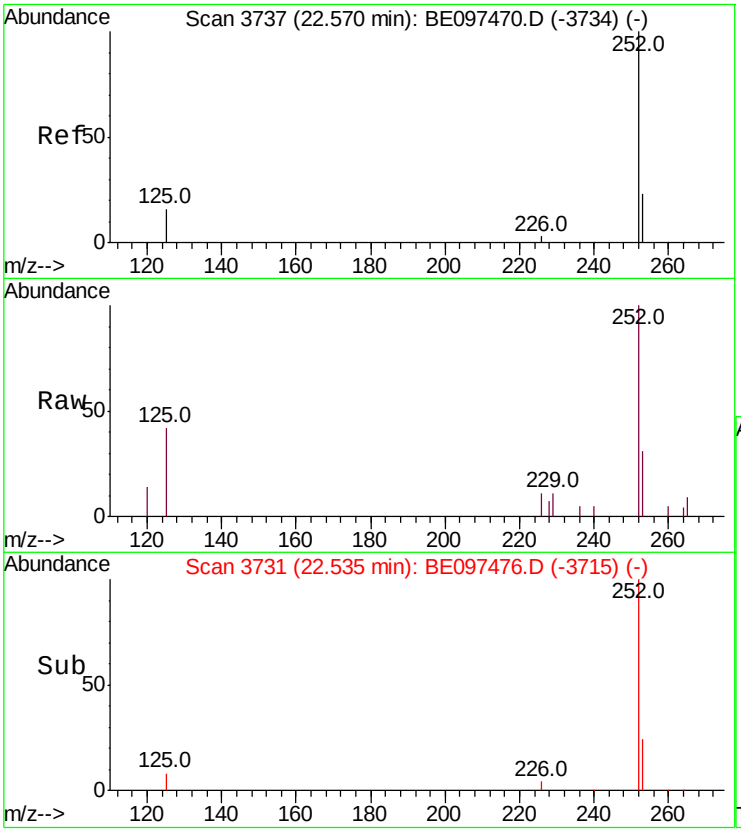


#21
Benzo(b)fluoranthene
Concen: 0.969 ng/ul
RT: 22.54 min Scan# 3731
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:252 Resp: 35139

Ion	Ratio	Lower	Upper
252	100		
253	31.4	0.0	64.2
125	42.2	0.0	35.0#



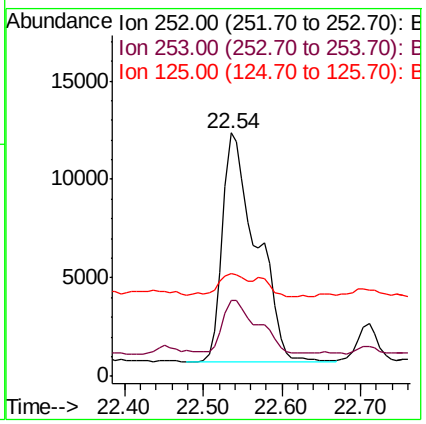


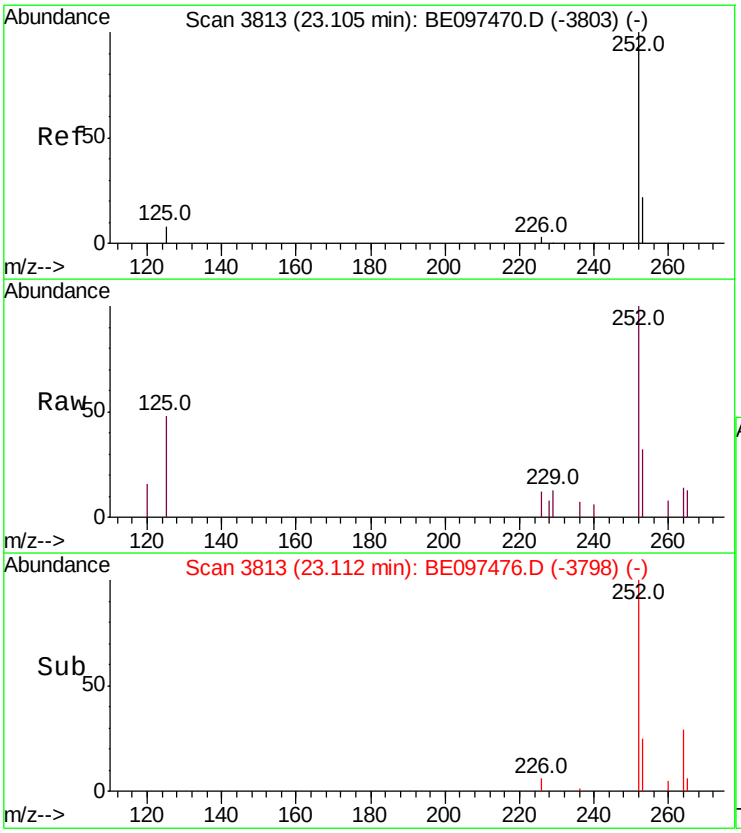
#22
Benzo(k)fluoranthene
Concen: 0.869 ng/ul
RT: 22.54 min Scan# 3731
Delta R.T. -0.04 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 35139

Ion	Ratio	Lower	Upper
252	100		
253	31.4	24.5	36.7
125	42.2	13.7	20.5#

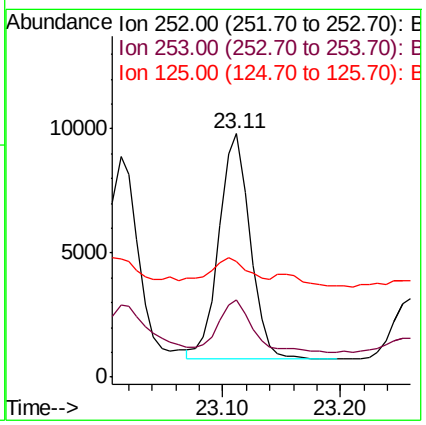


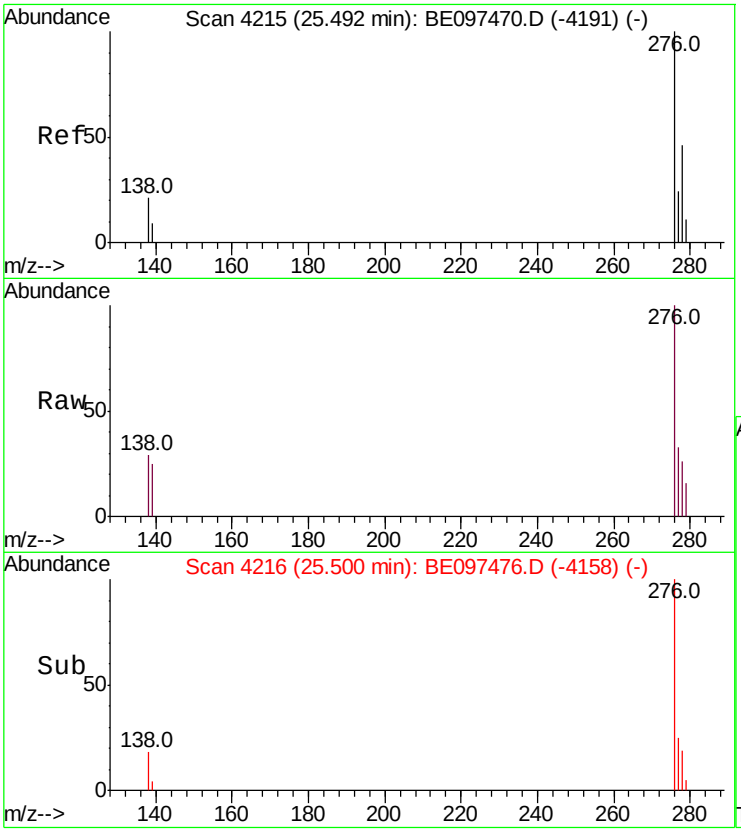


#23
Benzo(a)pyrene
Concen: 0.497 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:252 Resp: 16679

Ion	Ratio	Lower	Upper
252	100		
253	31.8	28.5	42.7
125	47.6	18.1	27.1#



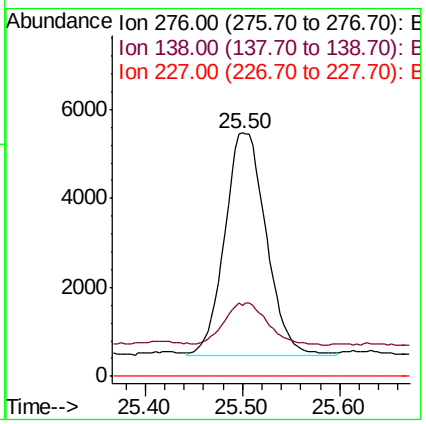


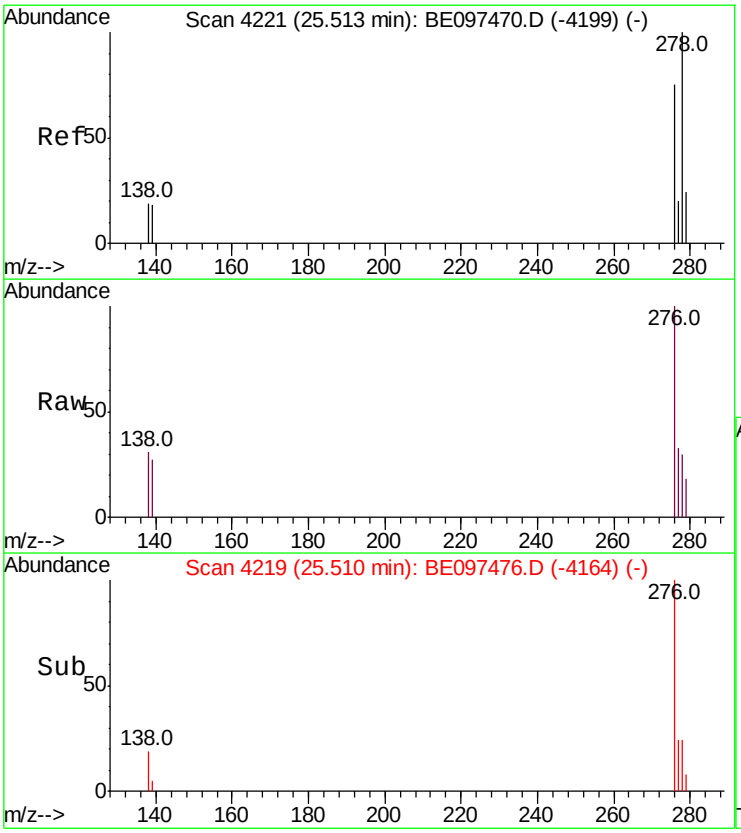
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.341 ng/ul
RT: 25.50 min Scan# 4216
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 14835

Ion	Ratio	Lower	Upper
276	100		
138	20.3	28.0	42.0#
227	0.0	8.0	12.0#

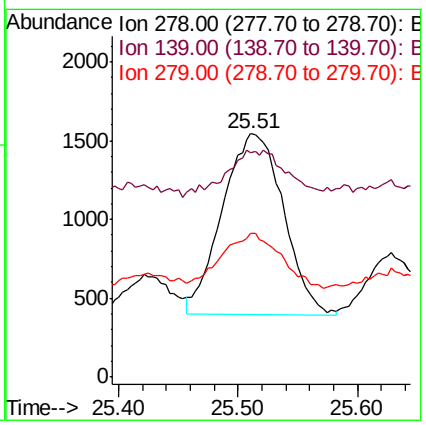


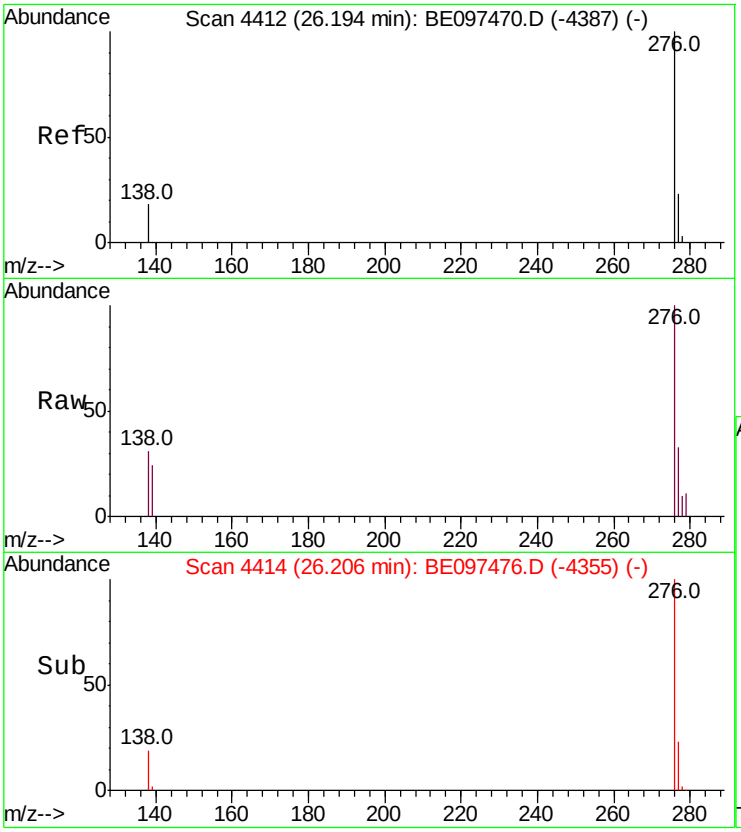


#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.51 min Scan# 4219
Delta R.T. -0.00 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Tgt Ion:278 Resp: 4094

Ion	Ratio	Lower	Upper
278	100		
139	92.0	17.4	26.0#
279	59.1	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.367 ng/ul
RT: 26.21 min Scan# 4414
Delta R.T. 0.01 min
Lab File: BE097476.D
Acq: 13 Sep 2018 6:48

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 13608

Ion	Ratio	Lower	Upper
276	100		
138	31.3	21.8	32.8
277	33.0	20.5	30.7#