Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097247.D
Acq On : 9 Aug 2018 12:42
Operator : SJ/JU
Sample : J4268-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Aug 09 16:04:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1271	0.40	ng/ul	0.00
2) Naphthalene-d8	10.13	136	6782	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.01	164	3863	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.77	188	9139	0.40	ng/ul	0.00
16) Chrysene-d12	20.97	240	9850	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	10430	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.72	152	438	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	1076	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.18	128	753	0.046	ng/ul#	86
5) 2-Methylnaphthalene	11.80	142	382	0.035	ng/ul	98
7) Acenaphthylene	13.73	152	1507	0.090	ng/ul	93
8) Acenaphthene	14.08	153	669	0.055	ng/ul#	90
9) Fluorene	15.08	166	940	0.068	ng/ul	93
12) Phenanthrene	16.81	178	30742	1.320	ng/ul#	89
13) Anthracene	16.90	178	4393	0.202	ng/ul#	94
15) Fluoranthene	18.84	202	103060	3.347	ng/ul	84
17) Pyrene	19.20	202	91634	3.472	ng/ul#	80
18) Benzo(a)anthracene	20.96	228	46127	1.639	ng/ul#	85
19) Chrysene	21.01	228	59408	2.048	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	110597	3.890	ng/ul	82
22) Benzo(k)fluoranthene	22.54	252	110597	3.608	ng/ul#	84
23) Benzo(a)pyrene	23.11	252	52670	1.852	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.50	276	43073	1.210	ng/ul#	71
25) Dibenzo(a,h)anthracene	25.52	278	9621	0.330	ng/ul	90
26) Benzo(g,h,i)perylene	26.20	276	41569	1.351	ng/ul#	91

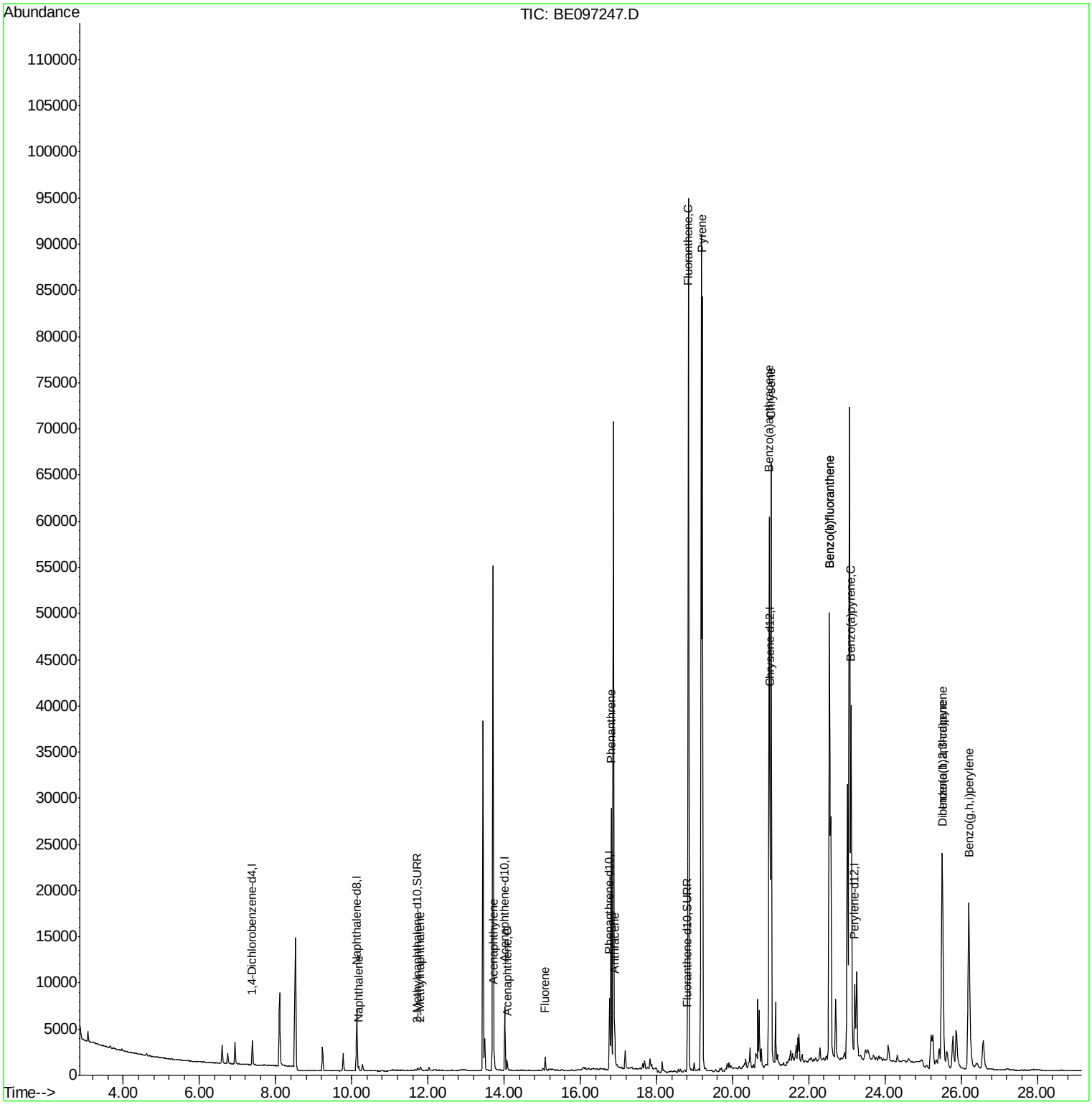
(#) = qualifier out of range (m) = manual integration (+) = signals summed

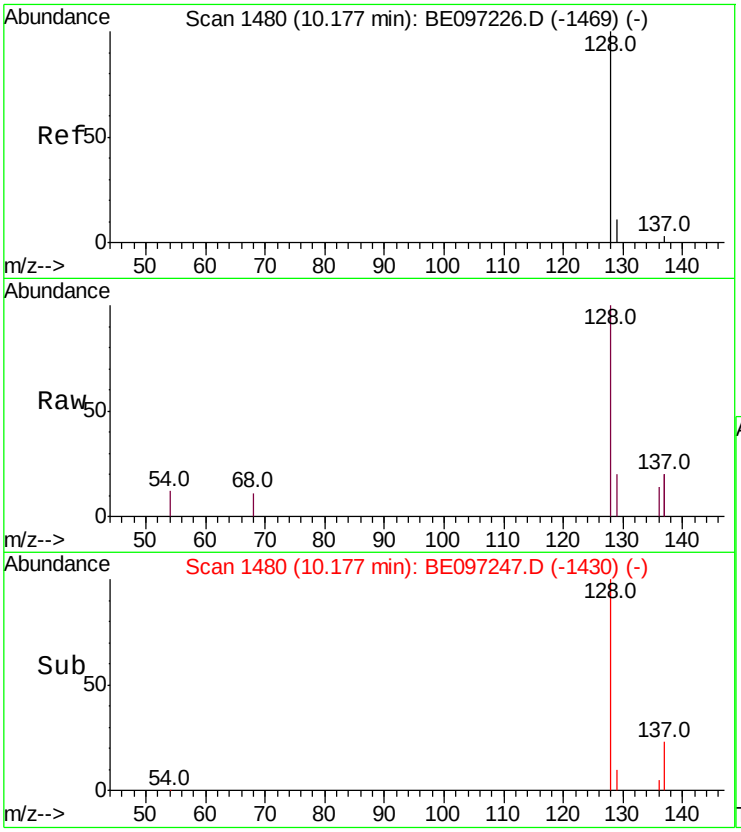
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE080918\
Data File : BE097247.D
Acq On : 9 Aug 2018 12:42
Operator : SJ/JU
Sample : J4268-13DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Aug 09 16:04:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE080118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 23:25:58 2018
Response via : Initial Calibration



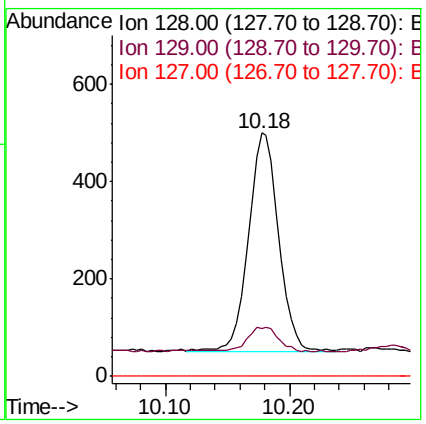


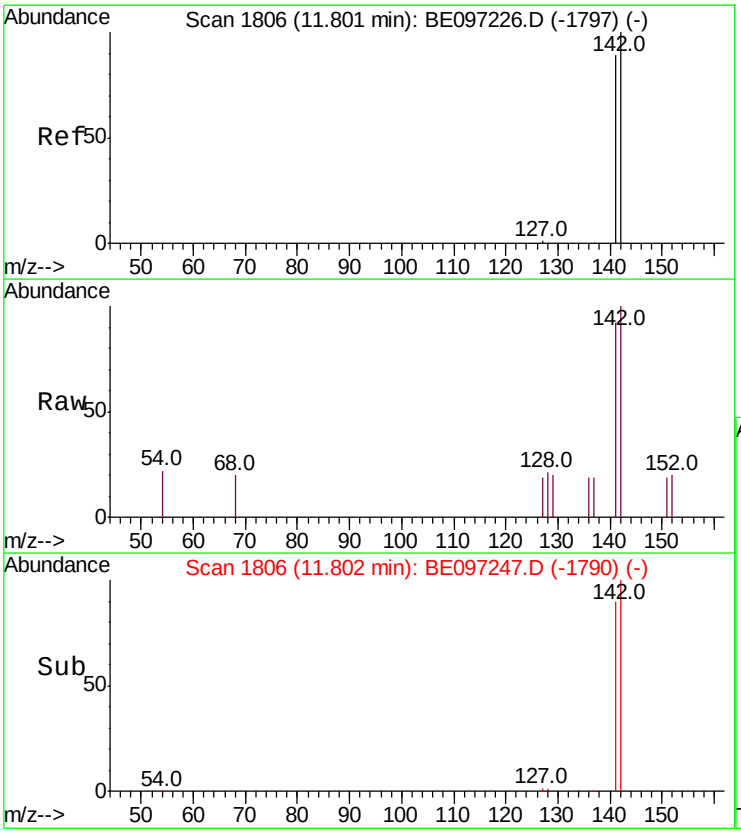
#3
Naphthalene
Concen: 0.046 ng/ul
RT: 10.18 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 753

Ion	Ratio	Lower	Upper
128	100		
129	19.8	11.3	16.9#
127	0.0	4.0	6.0#

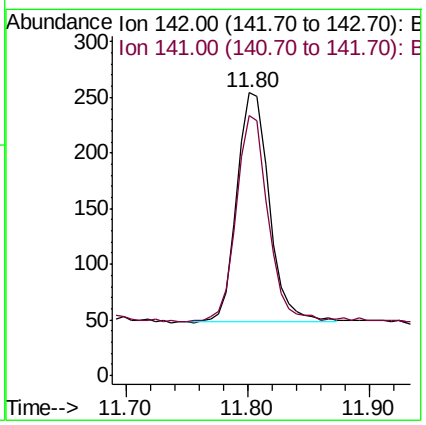


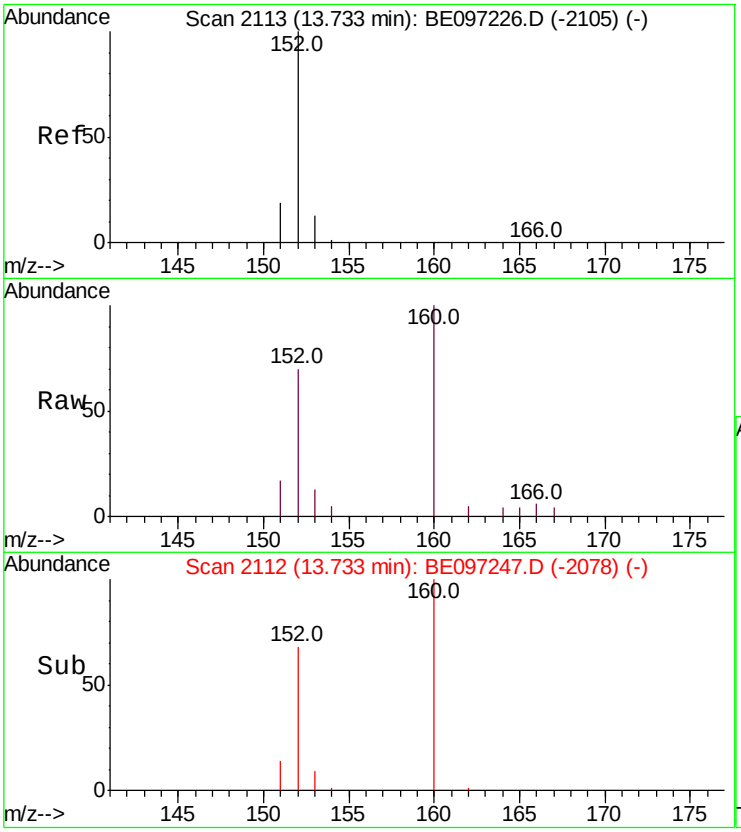


#5
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 11.80 min Scan# 1806
Delta R.T. 0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:142 Resp: 382

Ion	Ratio	Lower	Upper
142	100		
141	88.7	72.6	108.8



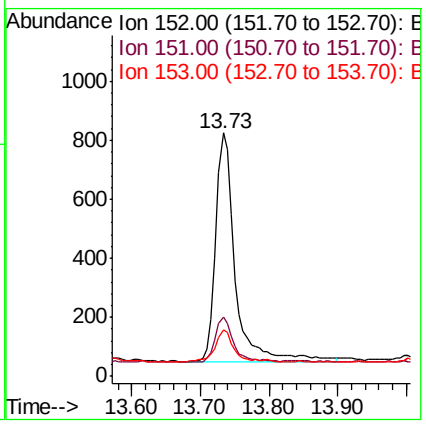


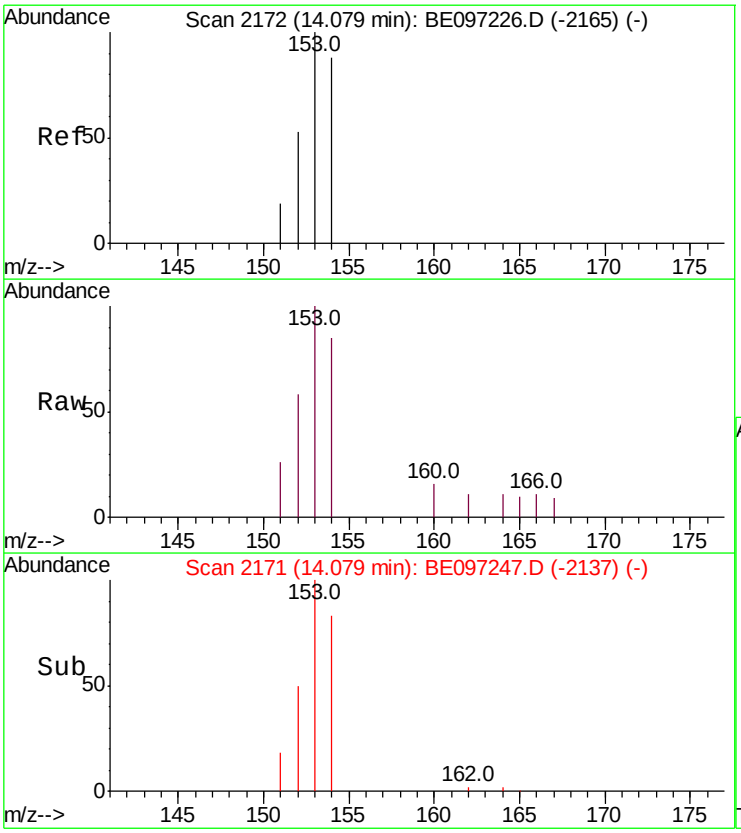
#7
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.73 min Scan# 2112
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 1507

Ion	Ratio	Lower	Upper
152	100		
151	24.5	17.1	25.7
153	19.2	12.8	19.2

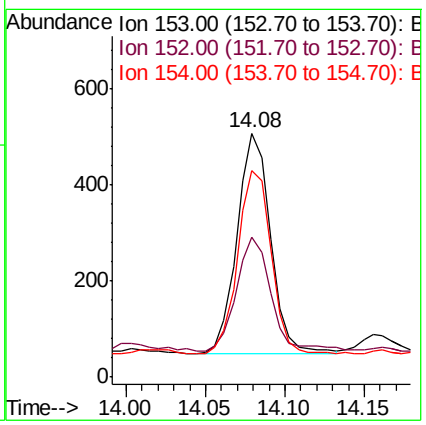


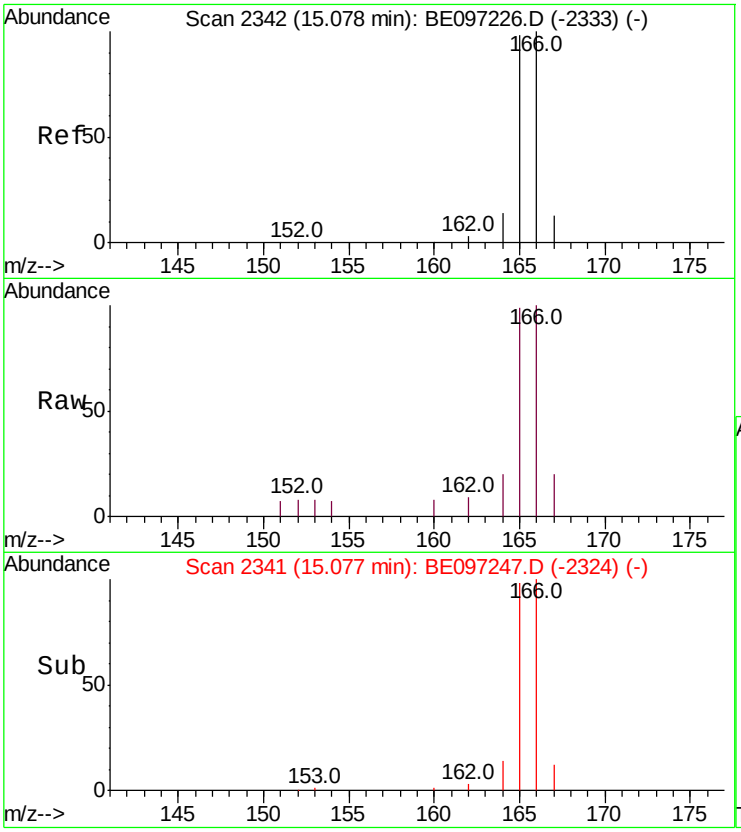


#8
Acenaphthene
Concen: 0.055 ng/ul
RT: 14.08 min Scan# 2171
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:153 Resp: 669

Ion	Ratio	Lower	Upper
153	100		
152	57.5	36.0	54.0#
154	84.6	72.0	108.0



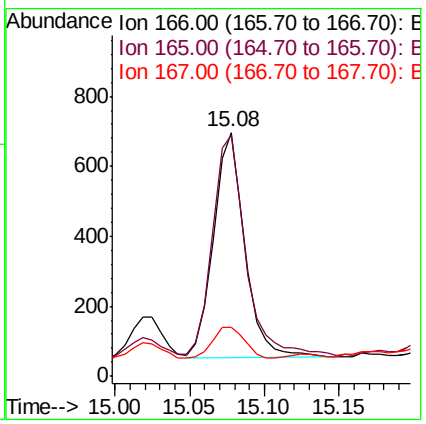


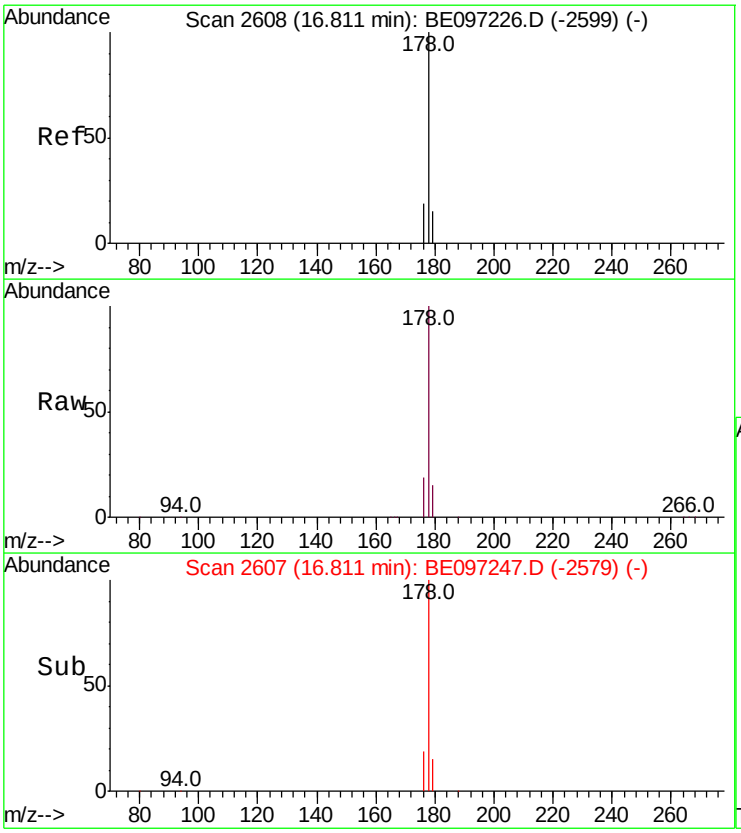
#9
Fluorene
Concen: 0.068 ng/ul
RT: 15.08 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 940

Ion	Ratio	Lower	Upper
166	100		
165	98.7	73.4	110.2
167	20.3	14.6	22.0

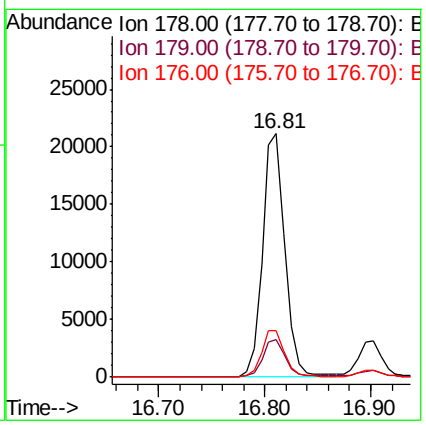


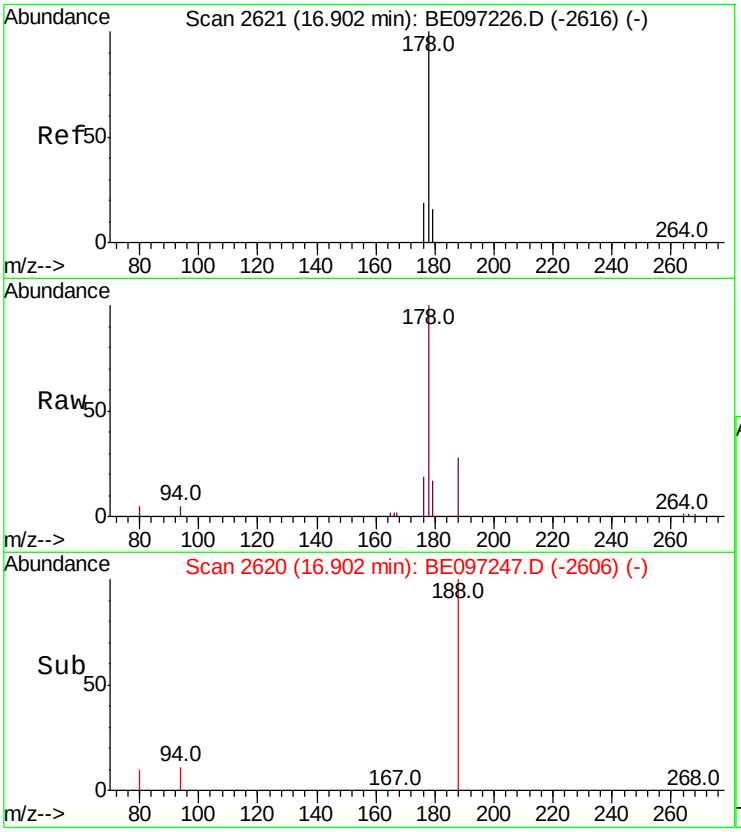


#12
Phenanthrene
Concen: 1.320 ng/ul
RT: 16.81 min Scan# 2607
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:178 Resp: 30742

Ion	Ratio	Lower	Upper
178	100		
179	15.4	18.4	27.6#
176	18.9	13.6	20.4



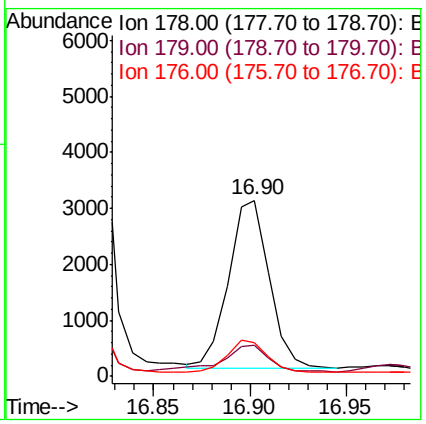


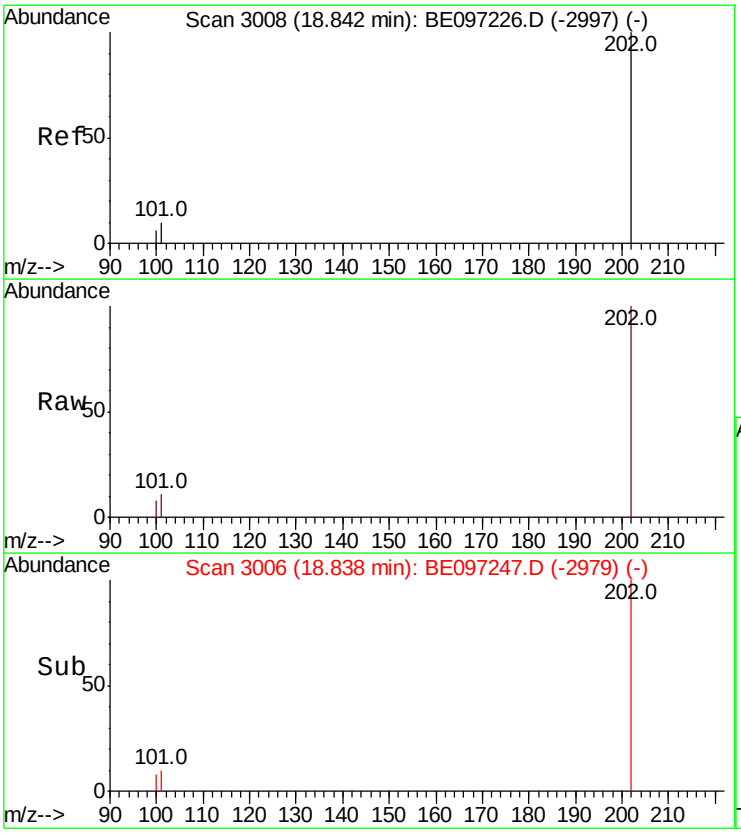
#13
Anthracene
Concen: 0.202 ng/ul
RT: 16.90 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 4393

Ion	Ratio	Lower	Upper
178	100		
179	17.5	18.1	27.1#
176	19.0	14.7	22.1

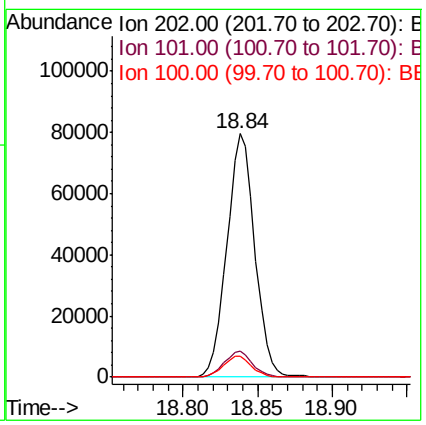


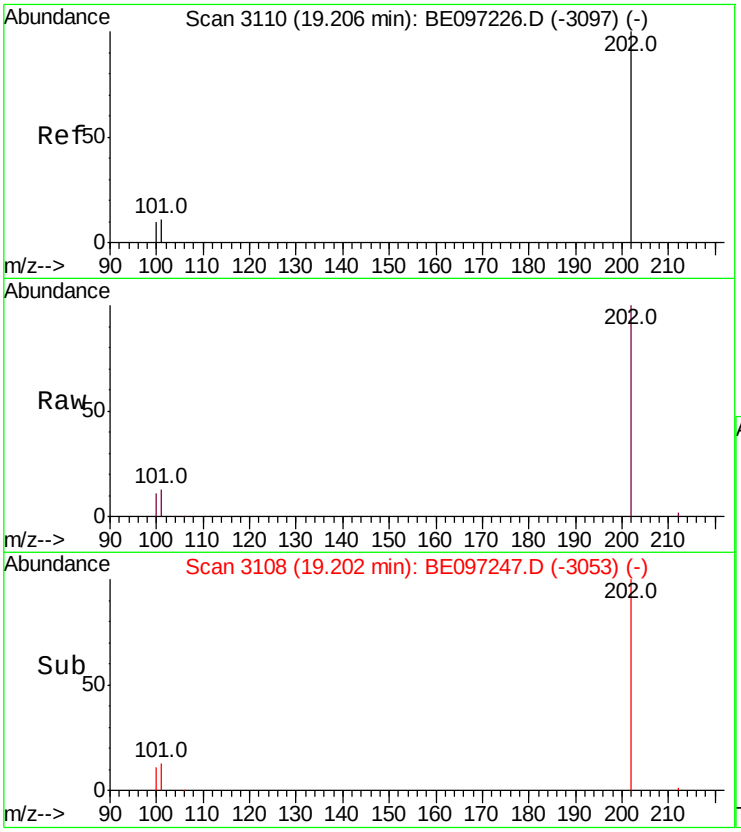


#15
Fluoranthene
Concen: 3.347 ng/ul
RT: 18.84 min Scan# 3006
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:202 Resp: 103060

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.3
100	8.4	0.0	39.5



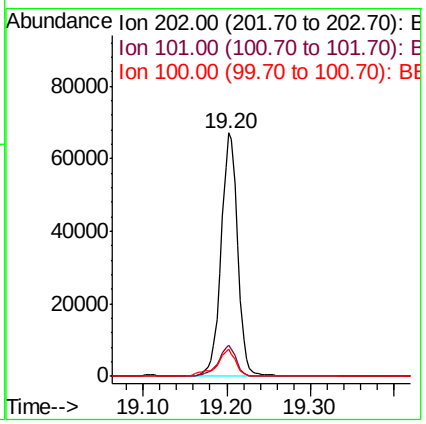


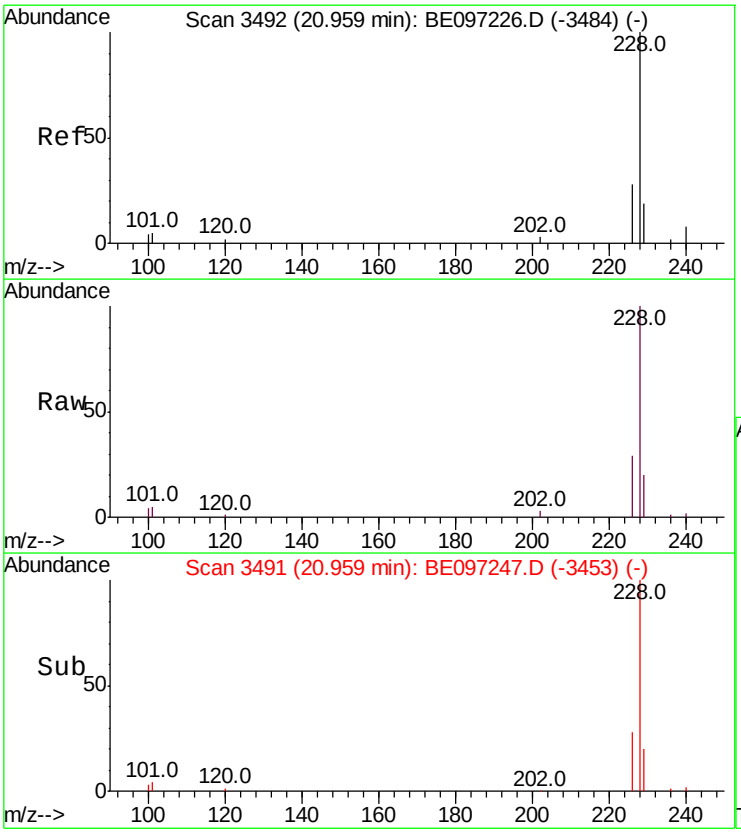
#17
Pyrene
Concen: 3.472 ng/ul
RT: 19.20 min Scan# 3108
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 91634

Ion	Ratio	Lower	Upper
202	100		
101	12.6	18.2	27.4#
100	11.0	15.6	23.4#

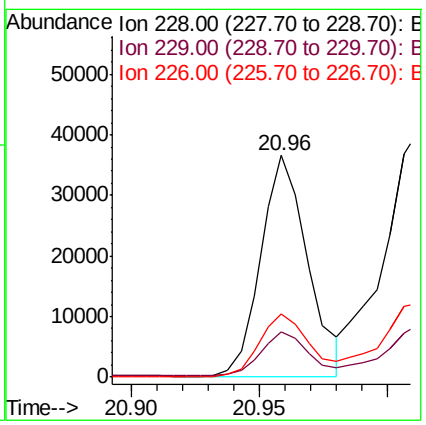


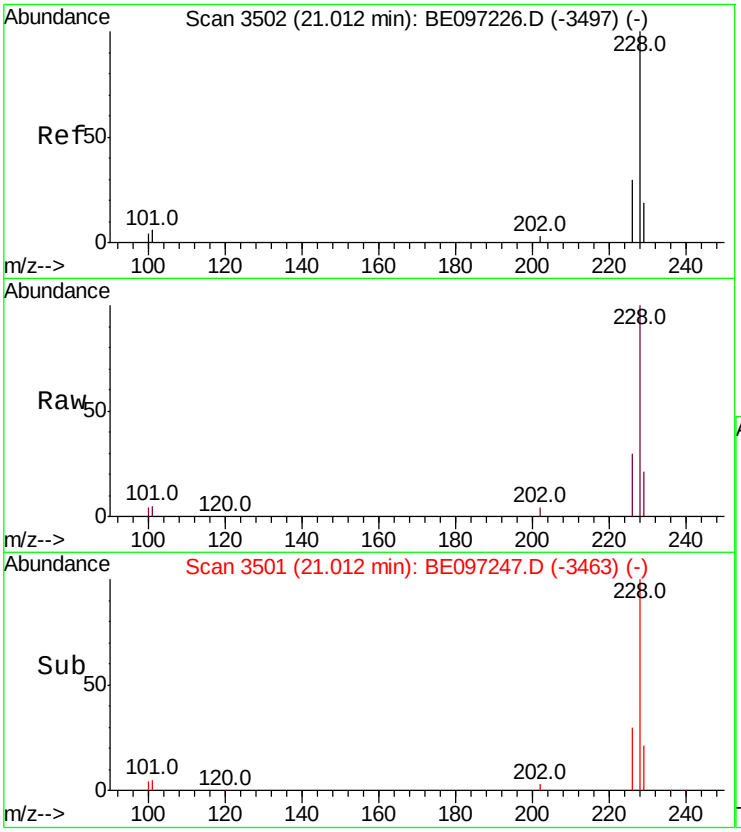


#18
Benzo(a)anthracene
Concen: 1.639 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:228 Resp: 46127

Ion	Ratio	Lower	Upper
228	100		
229	20.4	22.8	34.2#
226	28.6	17.0	25.6#



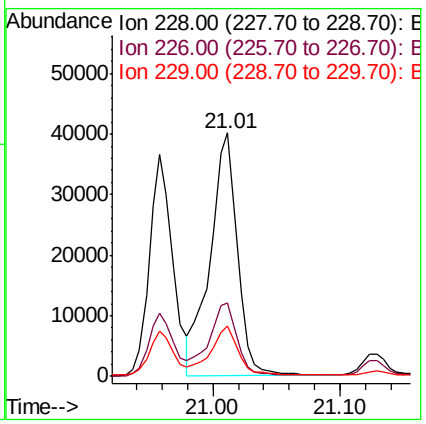


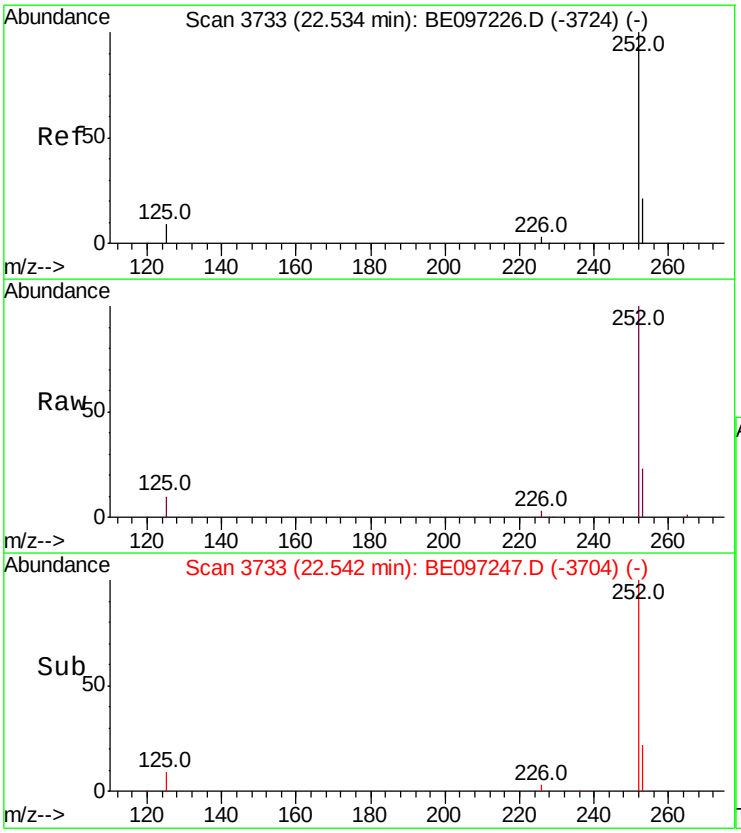
#19
Chrysene
Concen: 2.048 ng/ul
RT: 21.01 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 59408

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.9	17.7	26.5

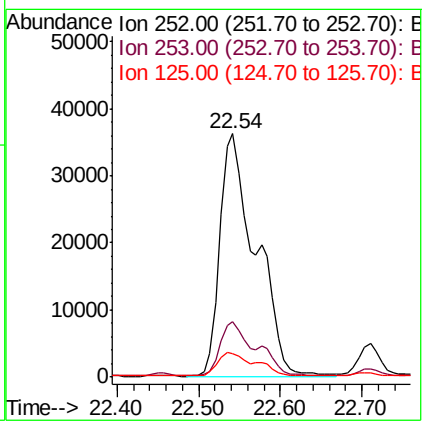


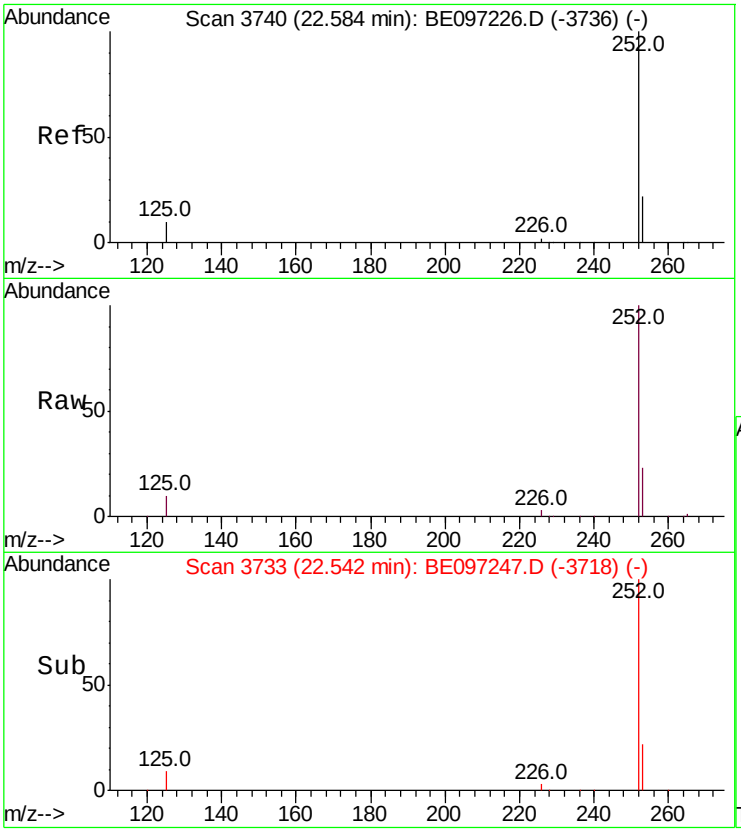


#21
Benzo(b)fluoranthene
Concen: 3.890 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:252 Resp: 110597

Ion	Ratio	Lower	Upper
252	100		
253	22.5	0.0	64.2
125	9.5	0.0	35.0



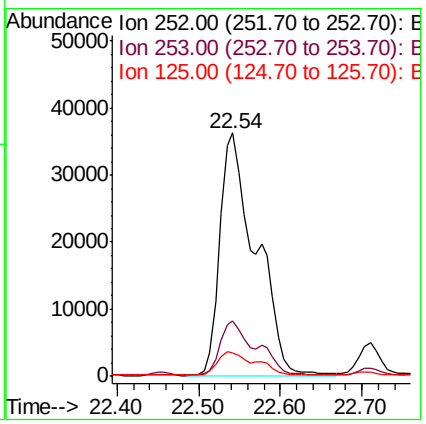


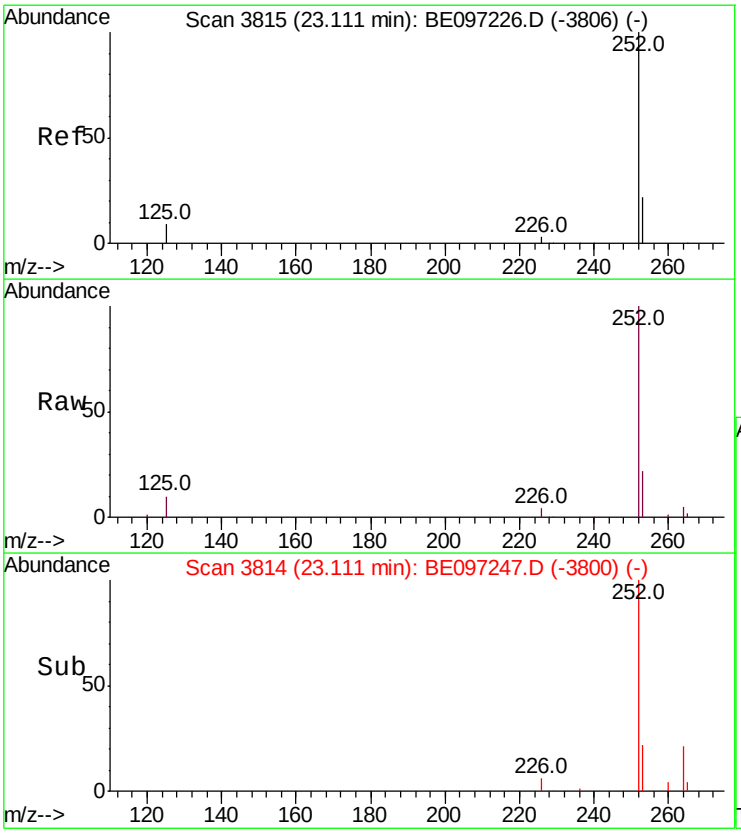
#22
Benzo(k)fluoranthene
Concen: 3.608 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. -0.04 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 110597

Ion	Ratio	Lower	Upper
252	100		
253	22.5	24.5	36.7#
125	9.5	13.7	20.5#

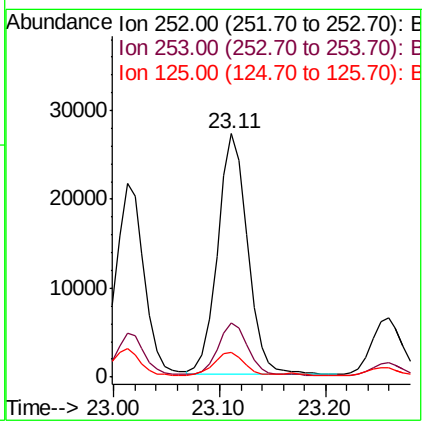


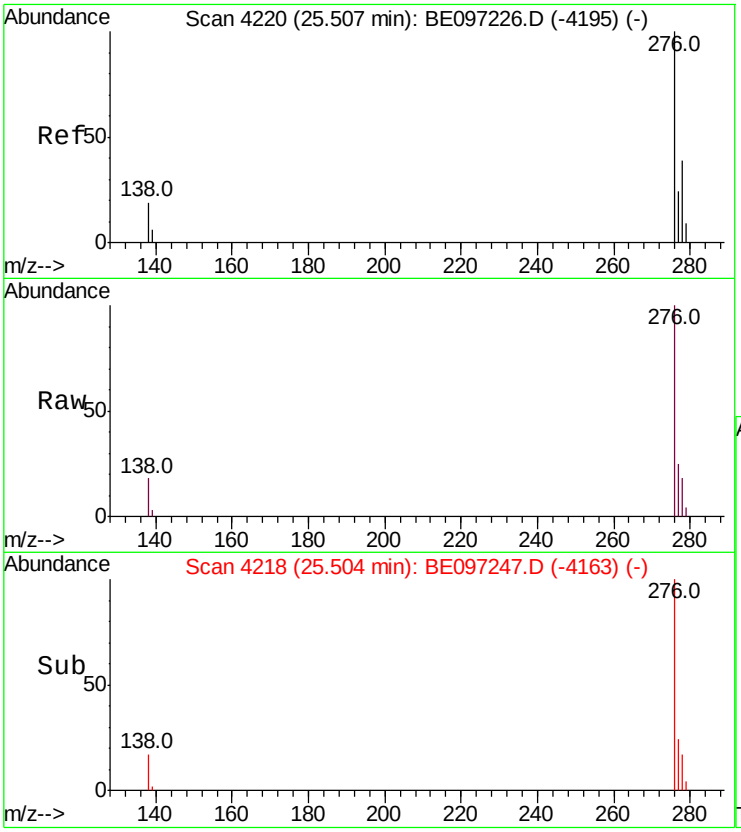


#23
Benzo(a)pyrene
Concen: 1.852 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. 0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:252 Resp: 52670

Ion	Ratio	Lower	Upper
252	100		
253	22.3	28.5	42.7#
125	10.1	18.1	27.1#



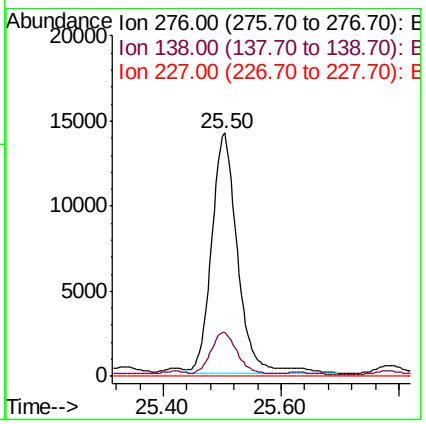


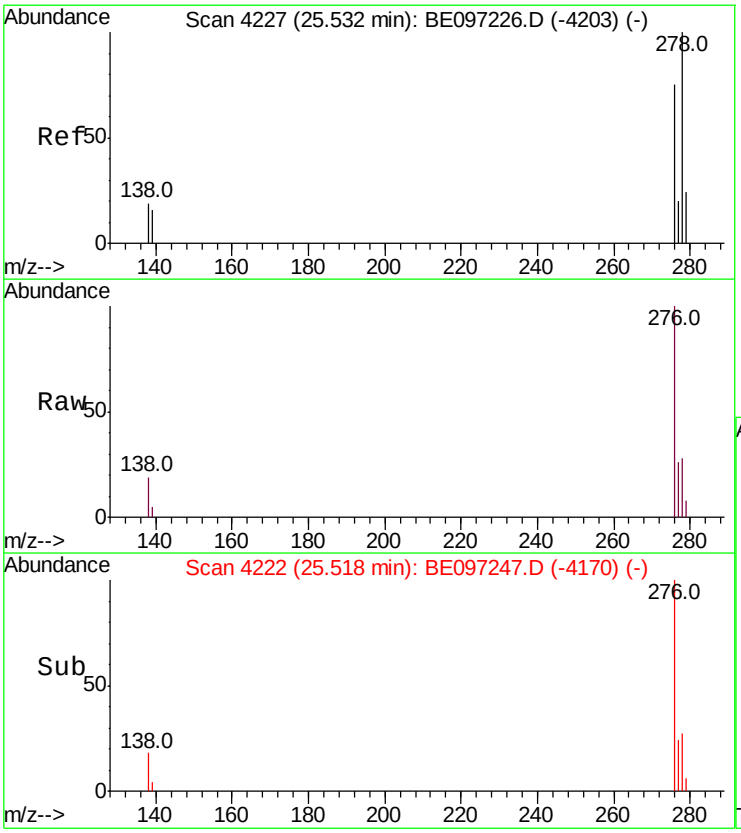
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.210 ng/ul
RT: 25.50 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 43073

Ion	Ratio	Lower	Upper
276	100		
138	17.5	28.0	42.0#
227	0.0	8.0	12.0#

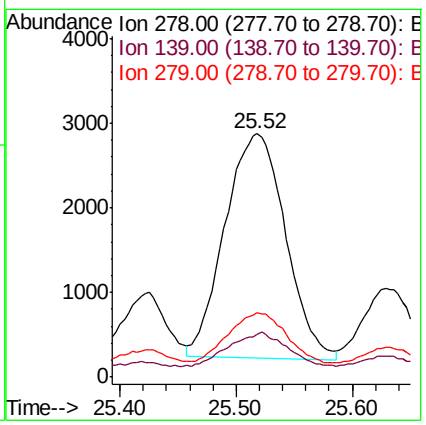


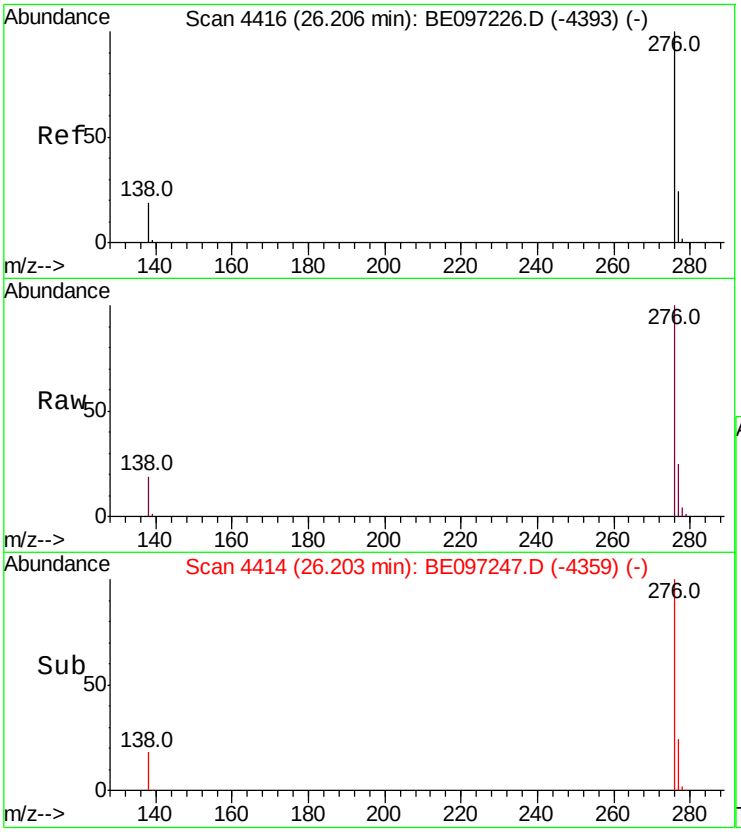


#25
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.52 min Scan# 4222
Delta R.T. -0.01 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Tgt Ion:278 Resp: 9621

Ion	Ratio	Lower	Upper
278	100		
139	17.4	17.4	26.0
279	26.7	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 1.351 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE097247.D
Acq: 9 Aug 2018 12:42

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 41569

Ion	Ratio	Lower	Upper
276	100		
138	19.2	21.8	32.8#
277	24.9	20.5	30.7