Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070918\
Data File : BE096889.D
Acq On : 9 Jul 2018 20:02
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 10 03:14:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 10 02:37:30 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2774	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	15423	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	9136	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	21759	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	21324	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	22769	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	8795	0.35	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	19842	0.37	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	12501	0.335	ng/ul#	91
5) 2-Methylnaphthalene	11.82	142	8837	0.348	ng/ul	97
7) Acenaphthylene	13.74	152	12987	0.347	ng/ul	96
8) Acenaphthene	14.09	153	9787	0.317	ng/ul	94
9) Fluorene	15.08	166	10276	0.322	ng/ul	91
11) Pentachlorophenol	16.43	266	954	0.670	ng/ul	96
12) Phenanthrene	16.82	178	17786	0.317	ng/ul#	89
13) Anthracene	16.91	178	17002	0.357	ng/ul#	92
15) Fluoranthene	18.85	202	20895	0.350	ng/ul	84
17) Pyrene	19.21	202	21795	0.311	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	20262	0.403	ng/ul#	84
19) Chrysene	21.02	228	19946	0.306	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	21774	0.350	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	20505	0.302	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	20139	0.383	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	22620	0.415	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	18435	0.425	ng/ul#	89
26) Benzo(g,h,i)perylene	26.20	276	18918	0.357	ng/ul#	93

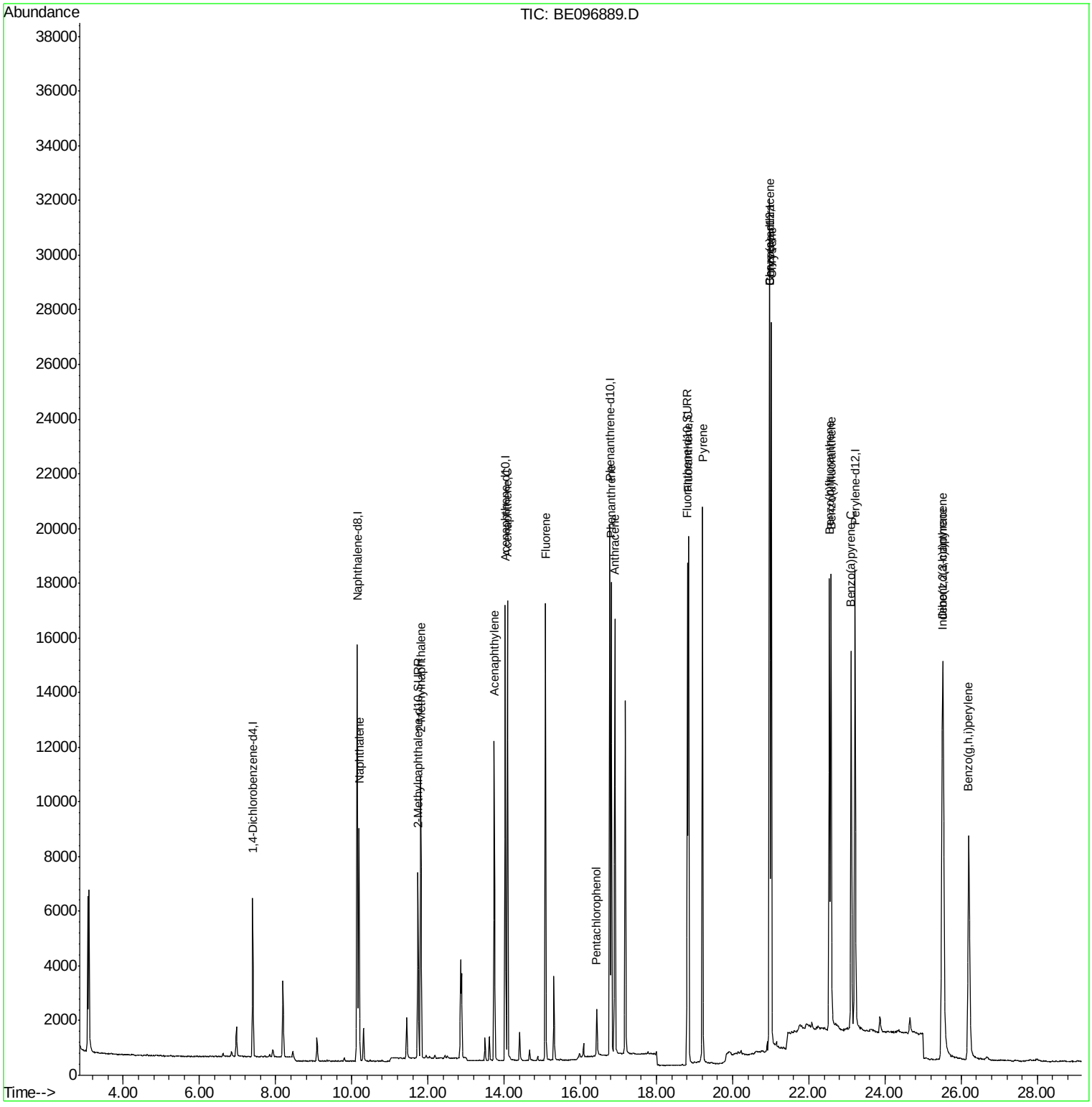
(#) = qualifier out of range (m) = manual integration (+) = signals summed

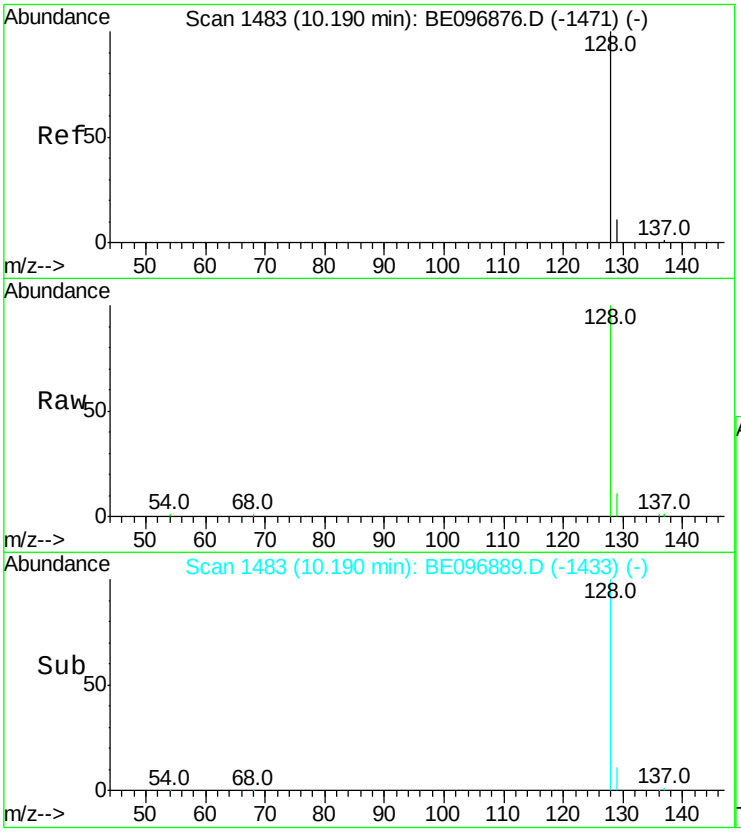
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070918\
Data File : BE096889.D
Acq On : 9 Jul 2018 20:02
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 10 03:14:53 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\SOM-EPA-SIM-BE070618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 10 02:37:30 2018
Response via : Initial Calibration



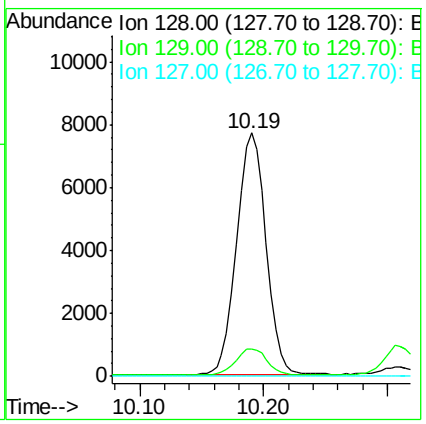


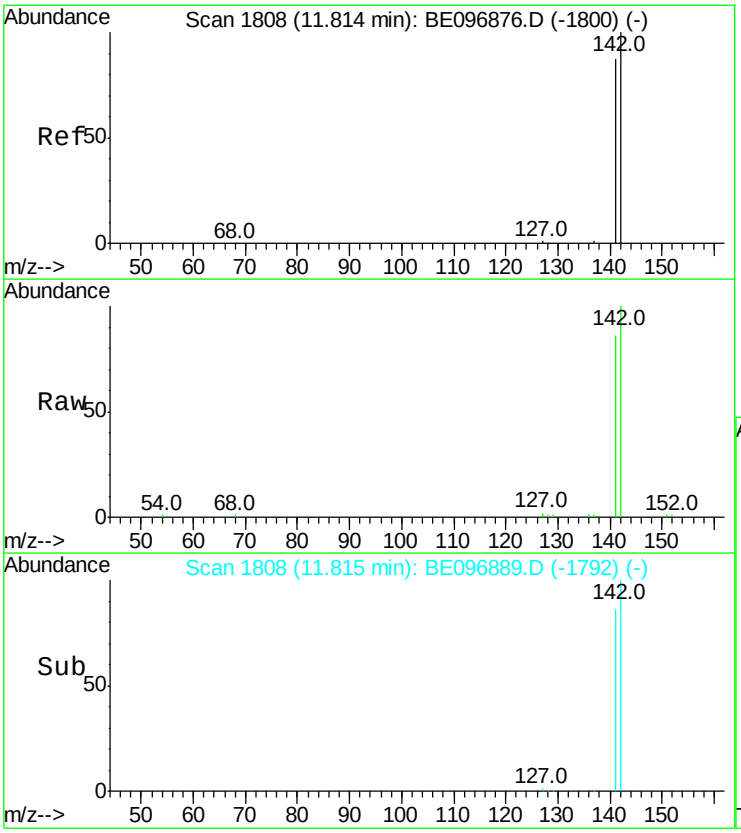
#3
Naphthalene
Concen: 0.335 ng/ul
RT: 10.19 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 12501

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

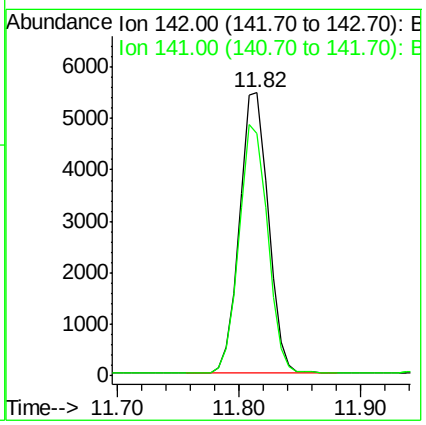


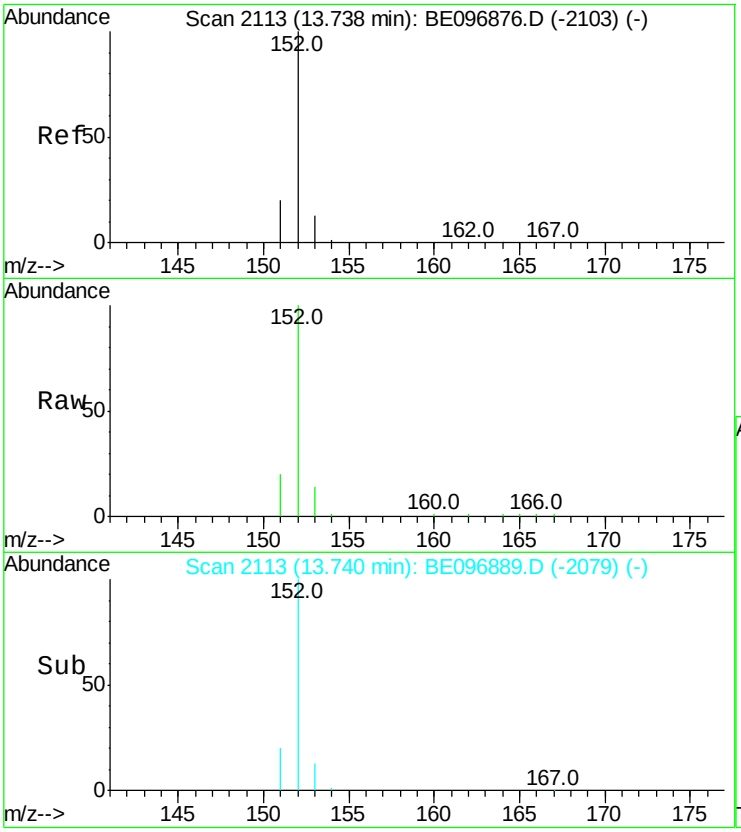


#5
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 11.82 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:142 Resp: 8837

Ion	Ratio	Lower	Upper
142	100		
141	88.2	72.6	108.8



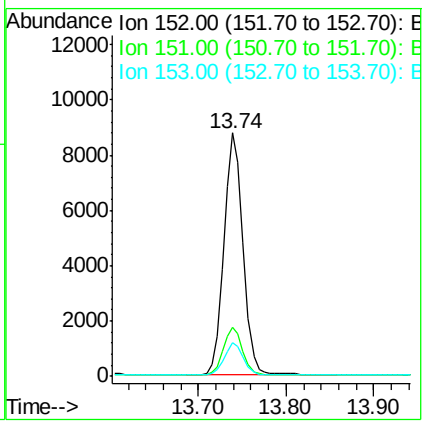


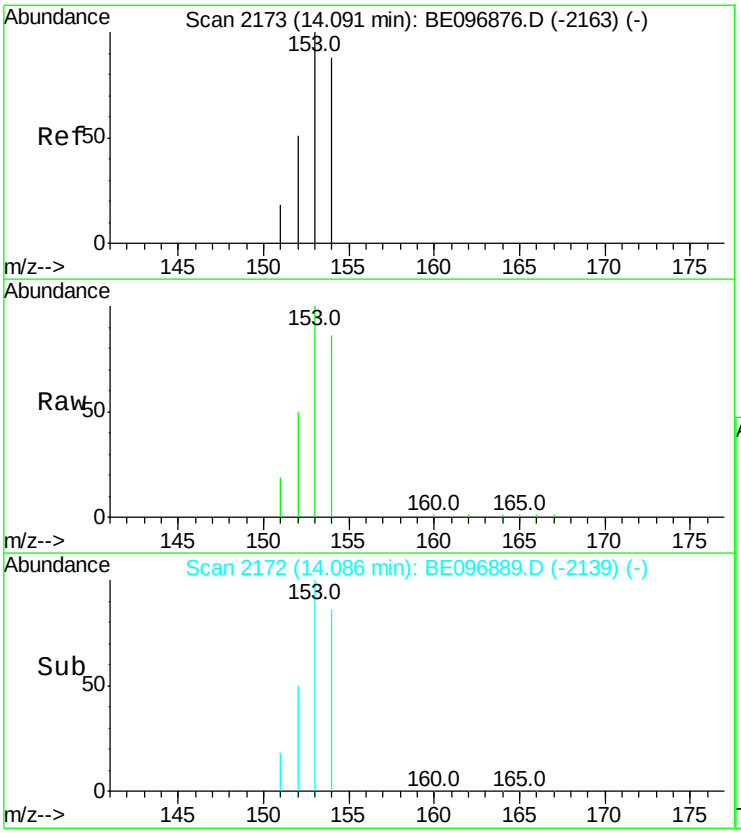
#7
Acenaphthylene
Concen: 0.347 ng/ul
RT: 13.74 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 12987

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.9	12.8	19.2

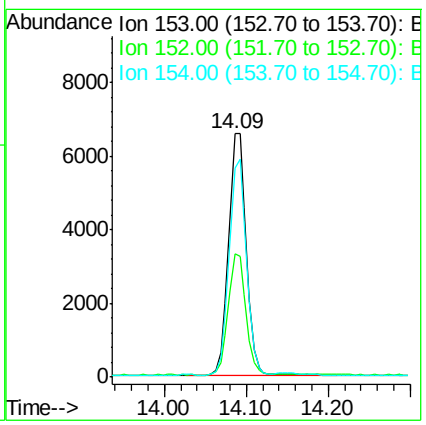


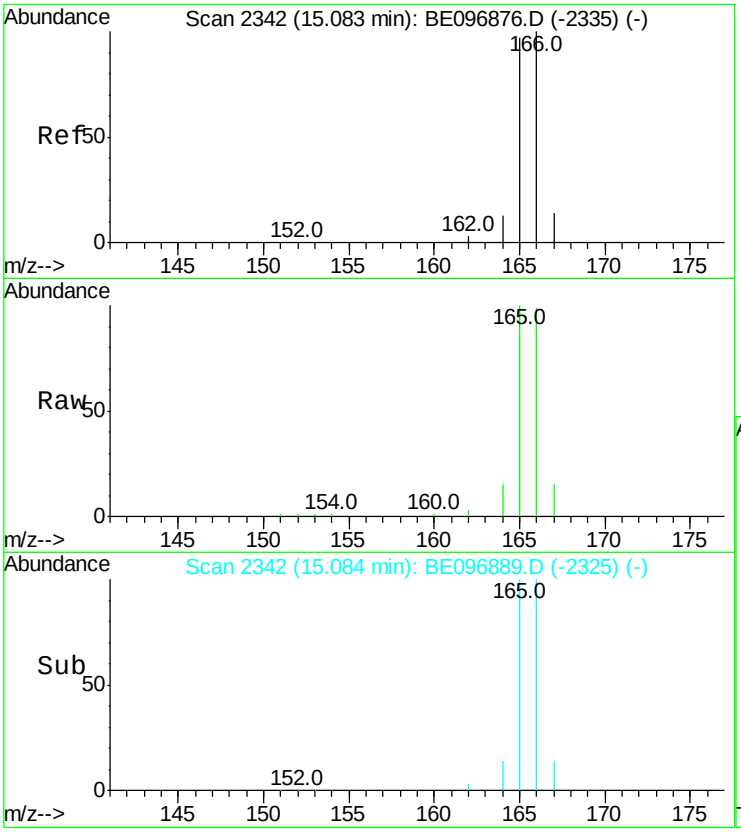


#8
Acenaphthene
Concen: 0.317 ng/ul
RT: 14.09 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:153 Resp: 9787

Ion	Ratio	Lower	Upper
153	100		
152	50.5	36.0	54.0
154	85.7	72.0	108.0



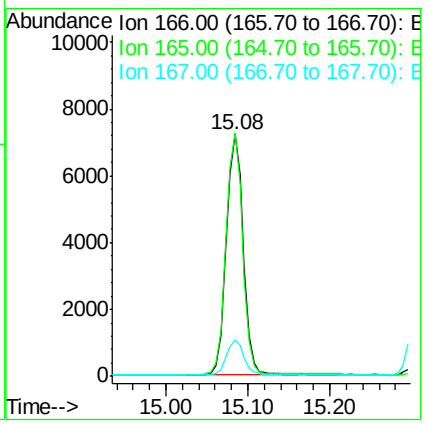


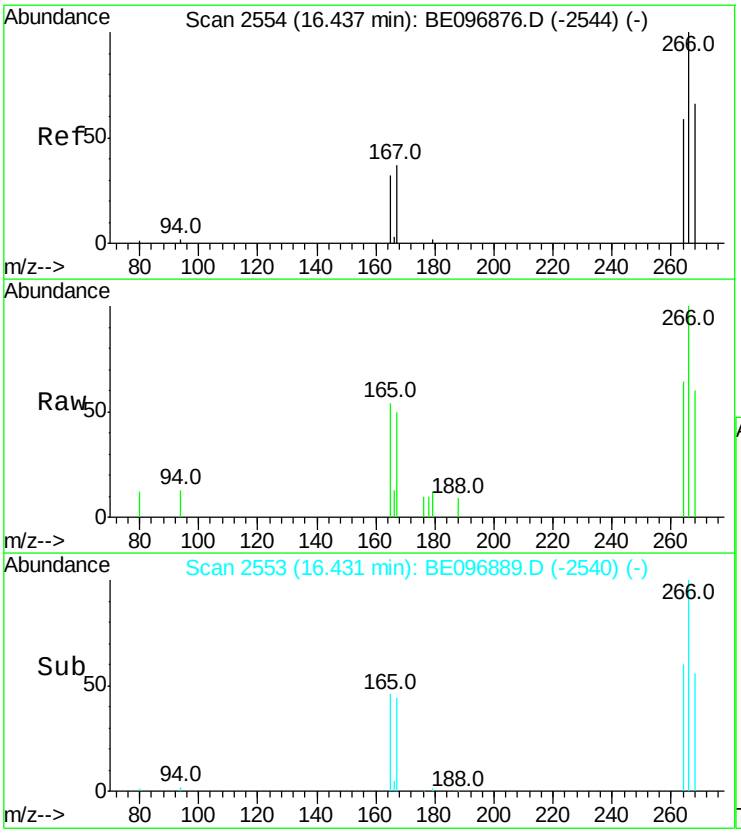
#9
Fluorene
Concen: 0.322 ng/ul
RT: 15.08 min Scan# 2342
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 10276

Ion	Ratio	Lower	Upper
166	100		
165	100.6	73.4	110.2
167	15.1	14.6	22.0

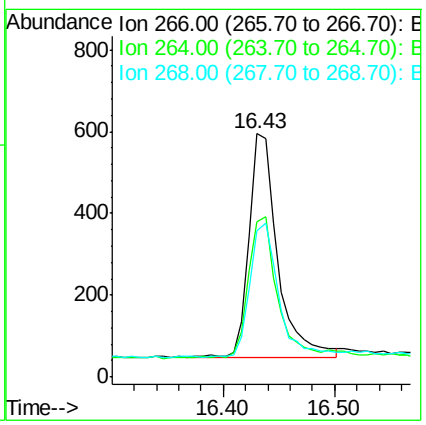


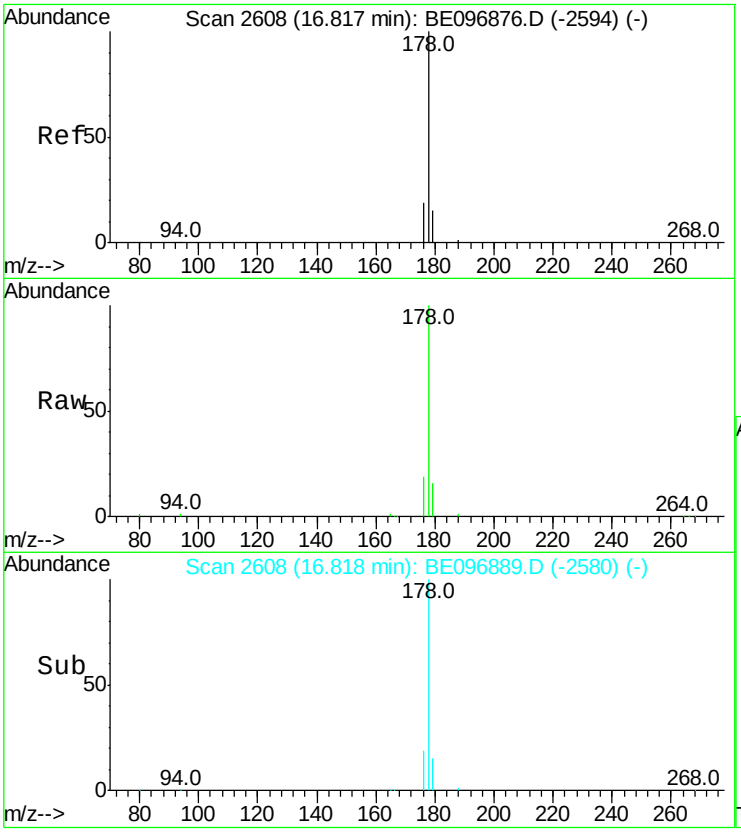


#11
Pentachlorophenol
Concen: 0.670 ng/ul
RT: 16.43 min Scan# 2553
Delta R.T. -0.01 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:266 Resp: 954

Ion	Ratio	Lower	Upper
266	100		
264	64.9	47.9	71.9
268	61.2	49.8	74.8



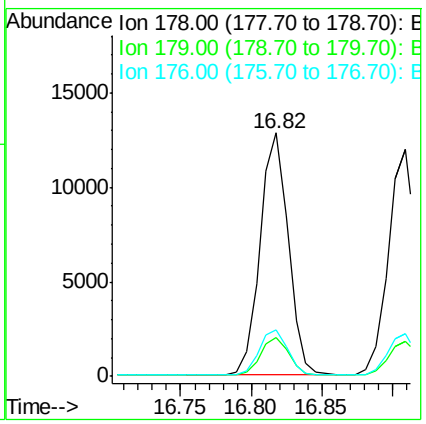


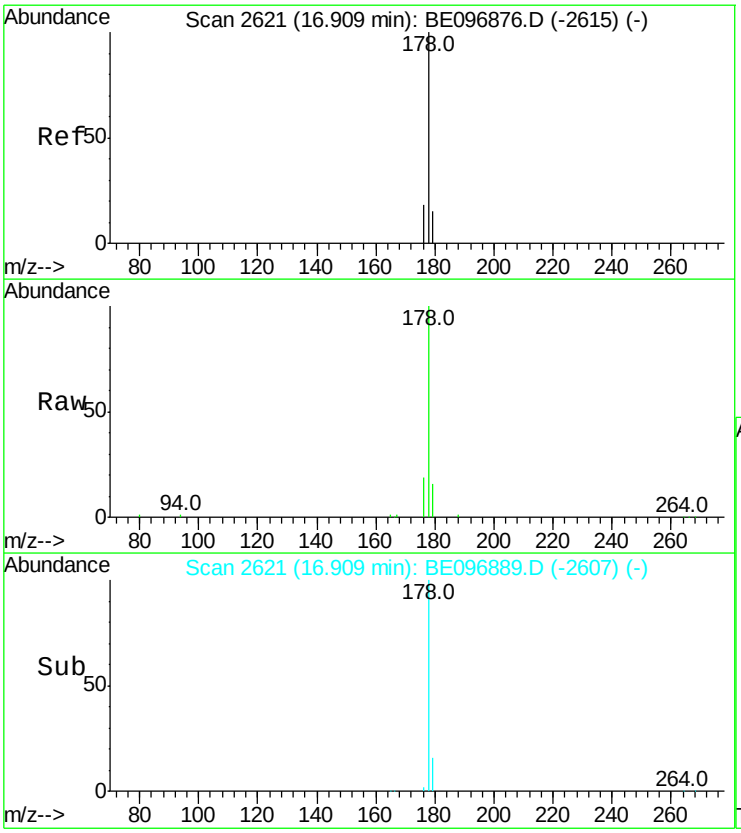
#12
Phenanthrene
Concen: 0.317 ng/ul
RT: 16.82 min Scan# 2608
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 17786

Ion	Ratio	Lower	Upper
178	100		
179	15.9	18.4	27.6#
176	19.1	13.6	20.4

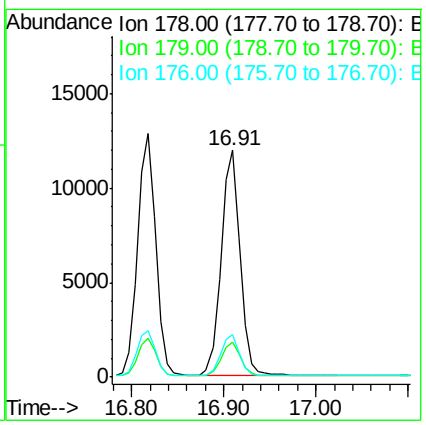


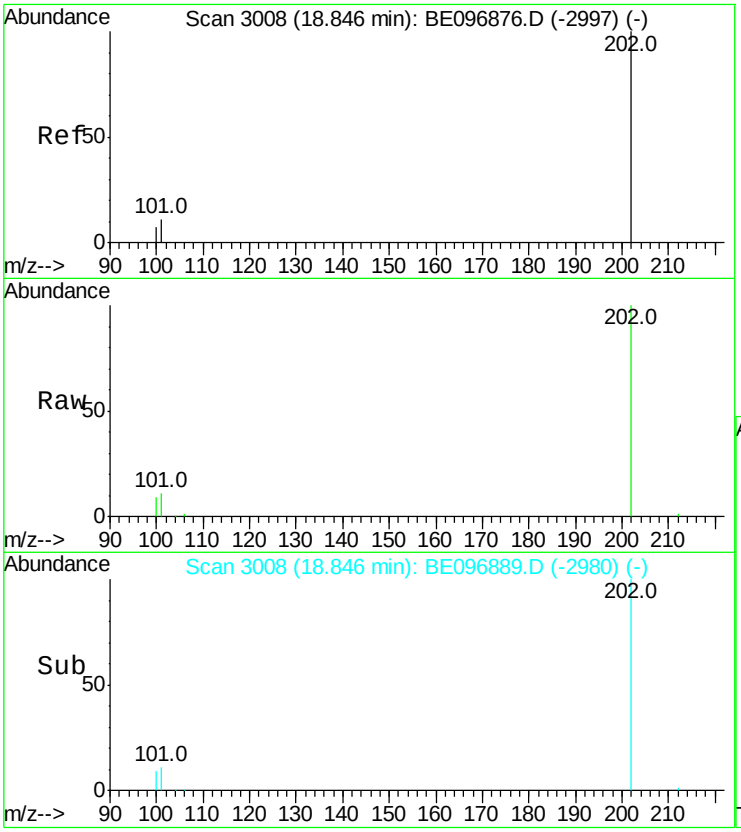


#13
Anthracene
Concen: 0.357 ng/ul
RT: 16.91 min Scan# 2621
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:178 Resp: 17002

Ion	Ratio	Lower	Upper
178	100		
179	15.6	18.1	27.1#
176	18.6	14.7	22.1



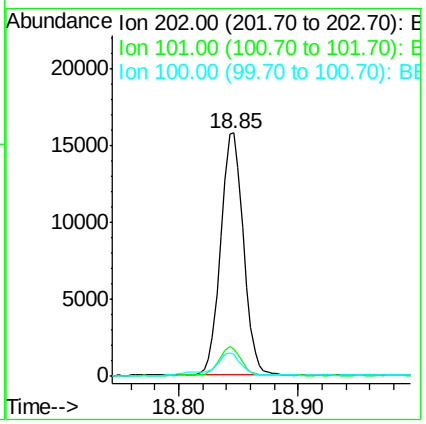


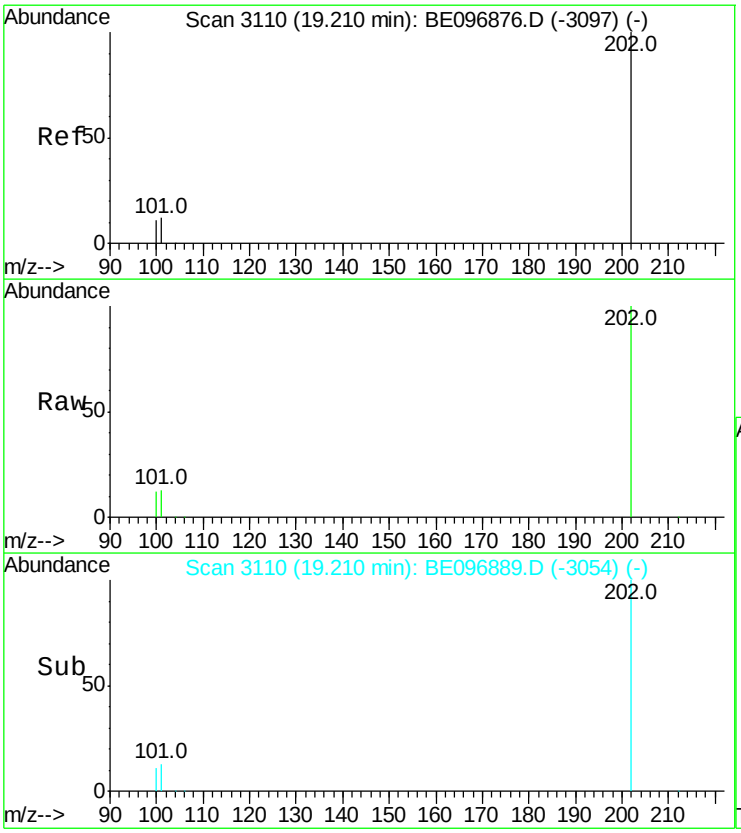
#15
Fluoranthene
Concen: 0.350 ng/ul
RT: 18.85 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 20895

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

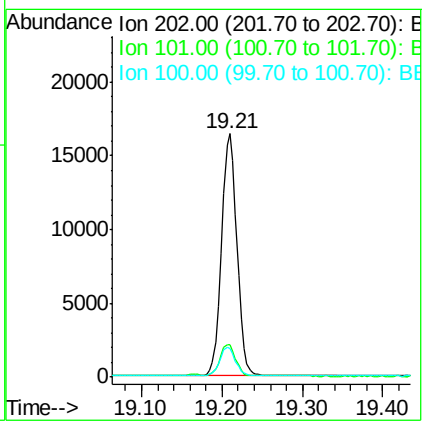


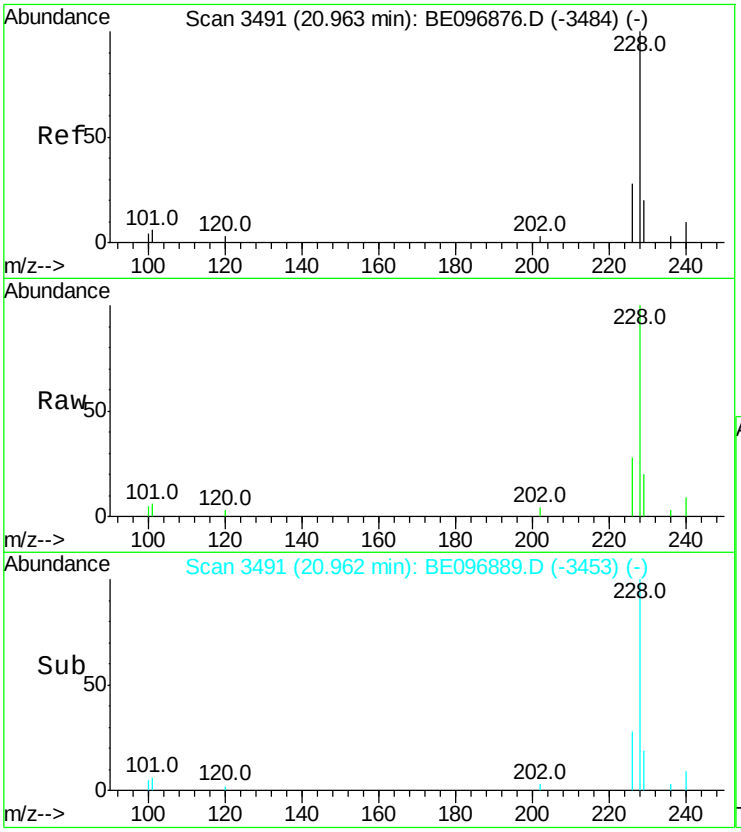


#17
Pyrene
Concen: 0.311 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:202 Resp: 21795

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	11.5	15.6	23.4#



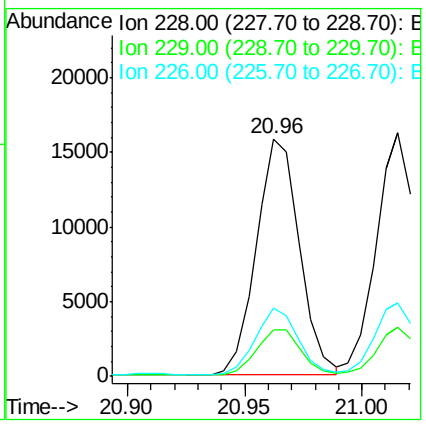


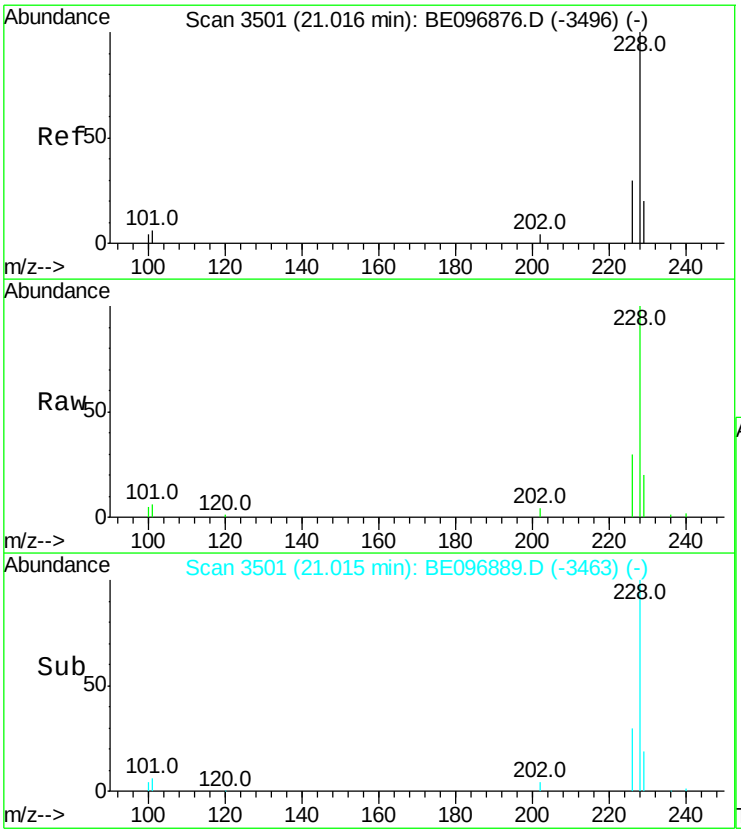
#18
Benzo(a)anthracene
Concen: 0.403 ng/ul
RT: 20.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 20262

Ion	Ratio	Lower	Upper
228	100		
229	19.8	22.8	34.2#
226	28.5	17.0	25.6#

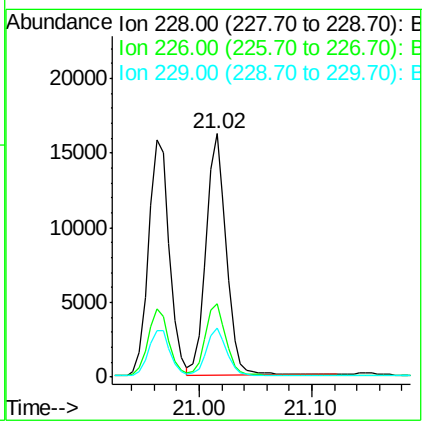


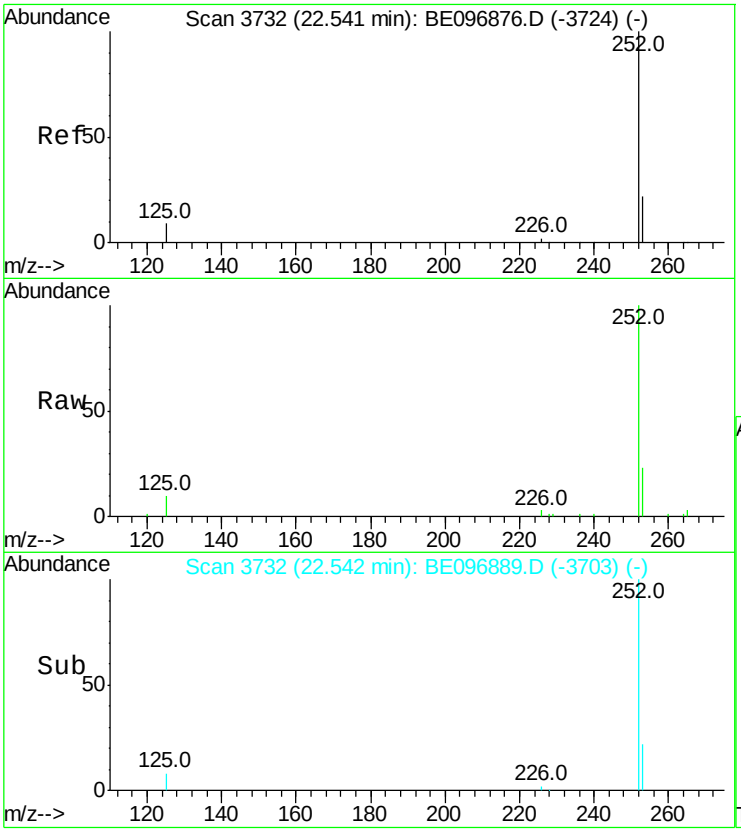


#19
Chrysene
Concen: 0.306 ng/ul
RT: 21.02 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:228 Resp: 19946

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.0
229	20.0	17.7	26.5



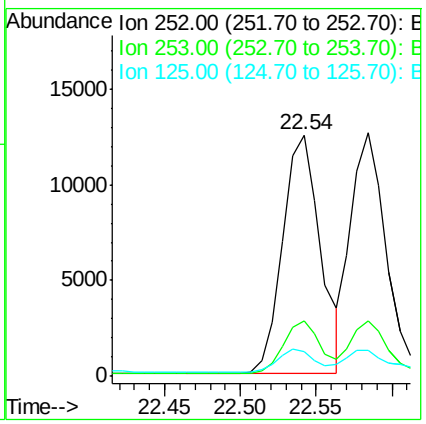


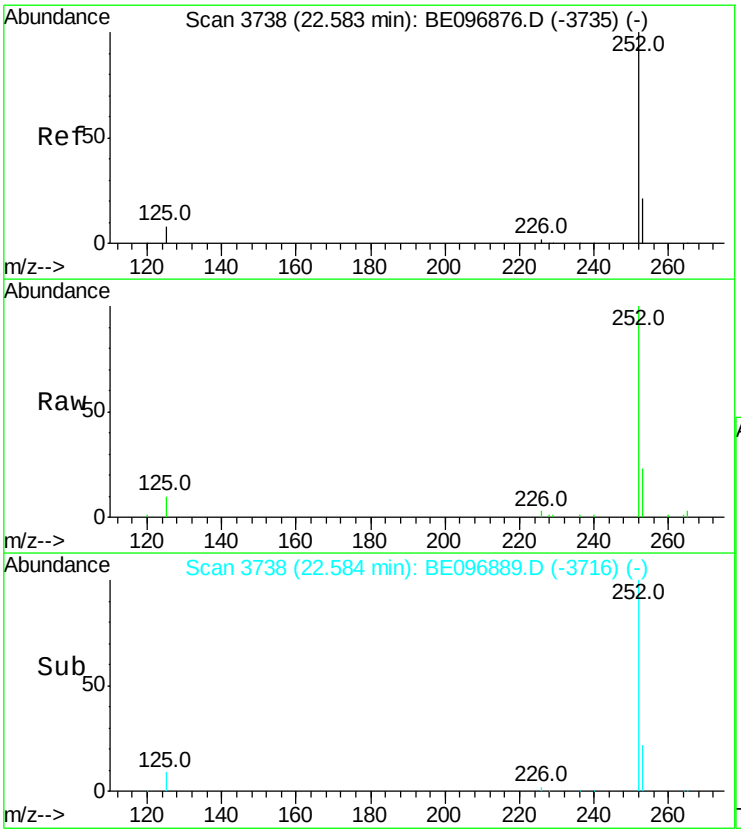
#21
Benzo(b)fluoranthene
Concen: 0.350 ng/ul
RT: 22.54 min Scan# 3732
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 21774

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	10.1	0.0	35.0

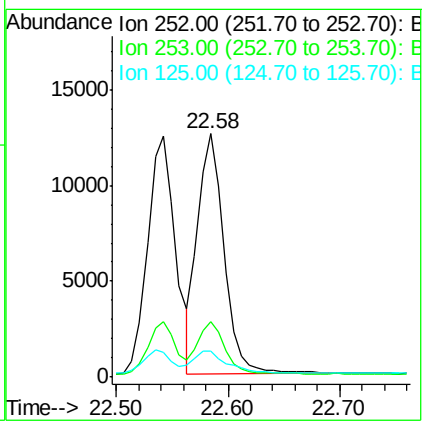


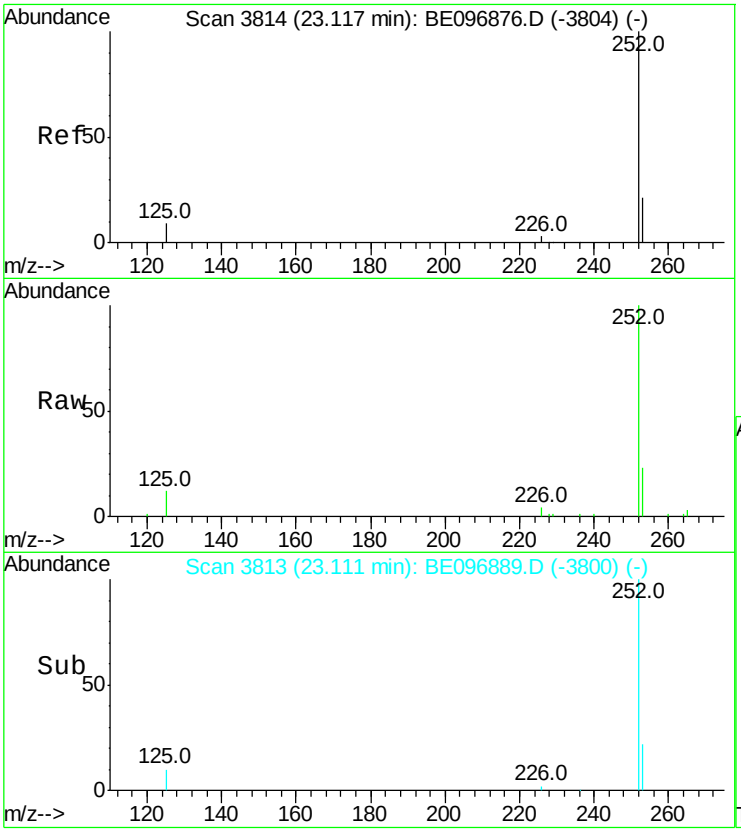


#22
Benzo(k)fluoranthene
Concen: 0.302 ng/ul
RT: 22.58 min Scan# 3738
Delta R.T. 0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:252 Resp: 20505

Ion	Ratio	Lower	Upper
252	100		
253	22.6	24.5	36.7#
125	10.4	13.7	20.5#



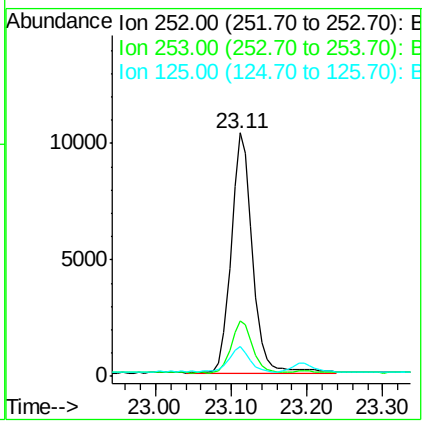


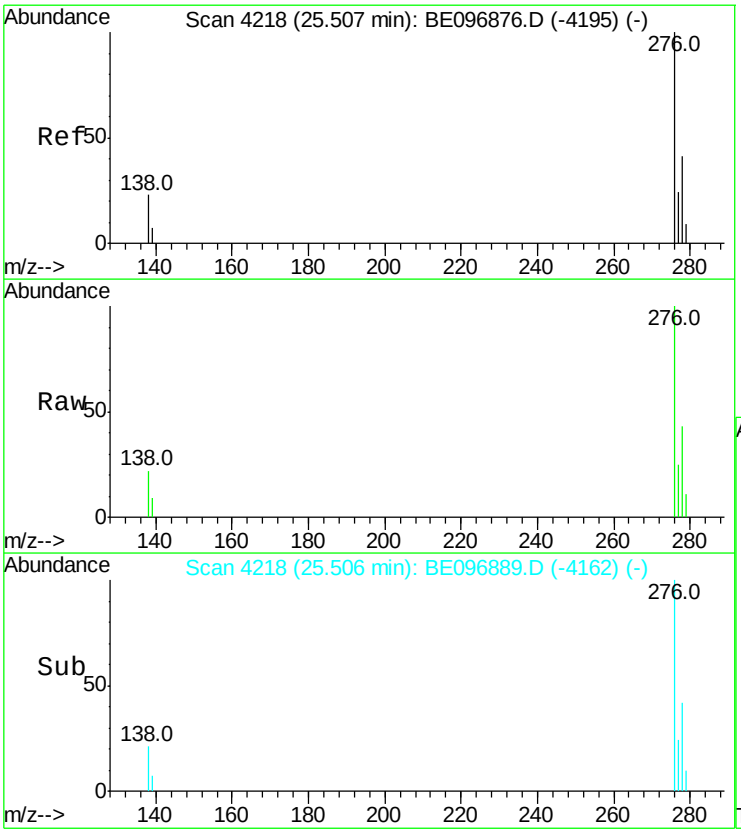
#23
Benzo(a)pyrene
Concen: 0.383 ng/ul
RT: 23.11 min Scan# 3813
Delta R.T. -0.01 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 20139

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	12.2	18.1	27.1#

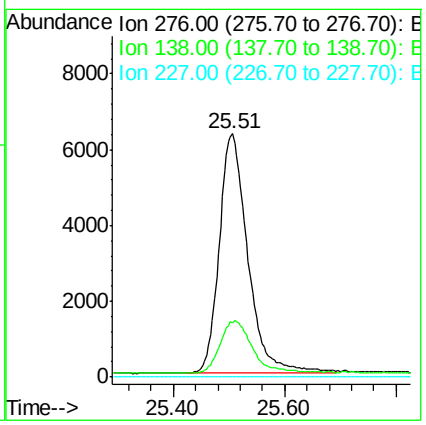


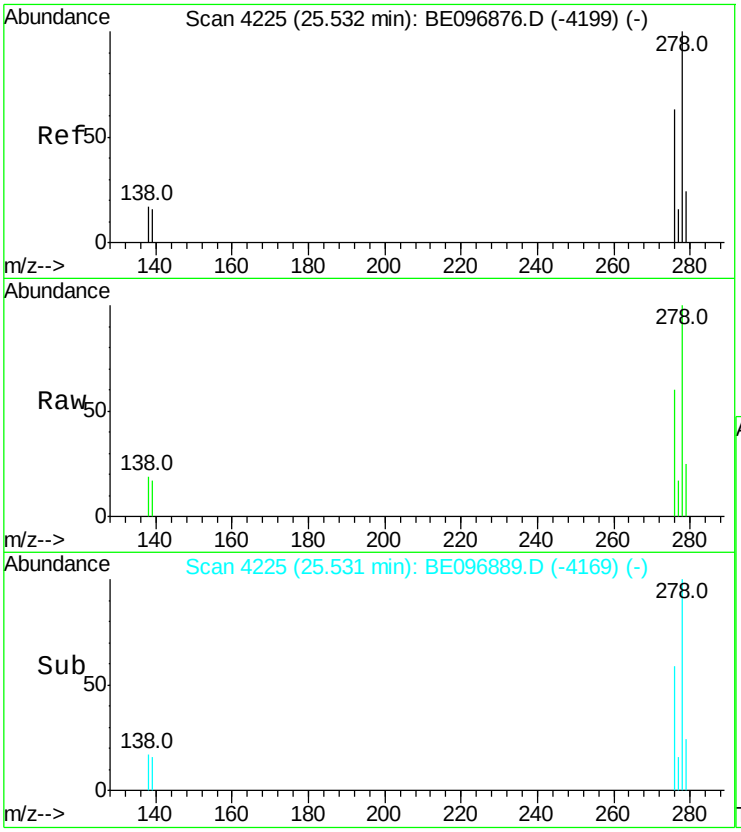


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.415 ng/ul
RT: 25.51 min Scan# 4218
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:276 Resp: 22620

Ion	Ratio	Lower	Upper
276	100		
138	24.7	28.0	42.0#
227	0.0	8.0	12.0#



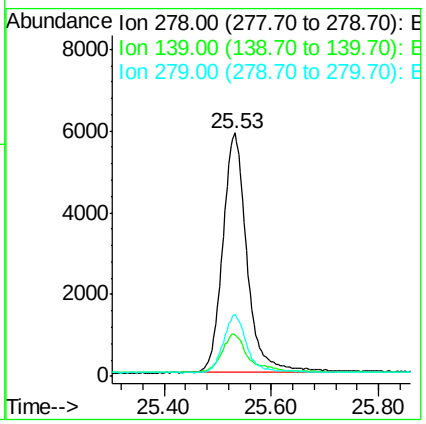


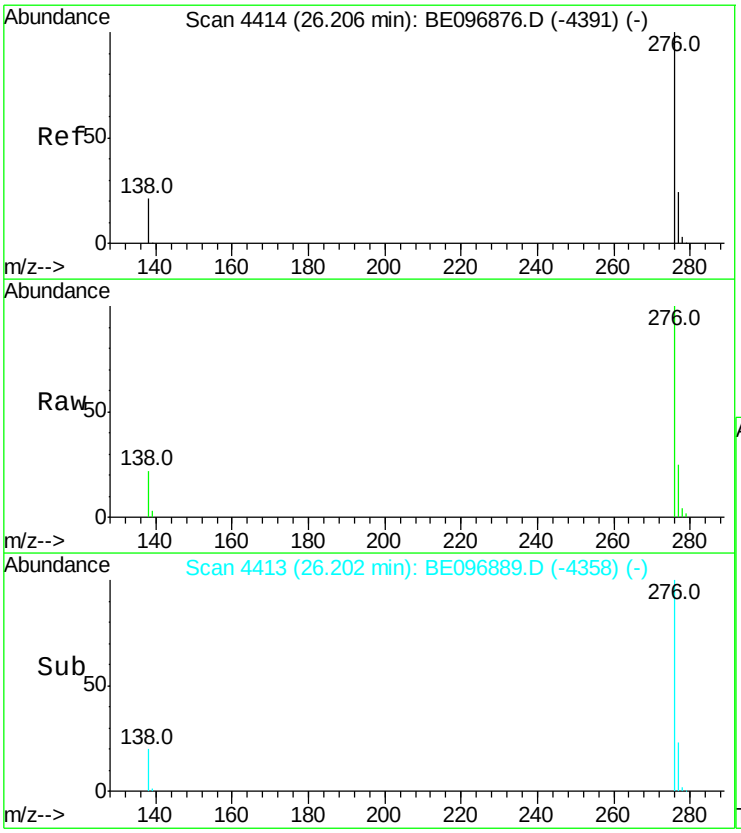
#25
Dibenzo(a,h)anthracene
Concen: 0.425 ng/ul
RT: 25.53 min Scan# 4225
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 18435

Ion	Ratio	Lower	Upper
278	100		
139	17.2	17.4	26.0#
279	25.3	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.20 min Scan# 4413
Delta R.T. -0.00 min
Lab File: BE096889.D
Acq: 9 Jul 2018 20:02

Tgt Ion:276 Resp: 18918

Ion	Ratio	Lower	Upper
276	100		
138	21.5	21.8	32.8#
277	24.5	20.5	30.7