Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071118\
Data File : BE096893.D
Acq On : 11 Jul 2018 17:07
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 11 18:10:55 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	2571	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14234	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	7962	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	18768	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	16339	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	17113	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	7977	0.34	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	15210	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	11533	0.335	ng/ul#	91
5) 2-Methylnaphthalene	11.81	142	8059	0.344	ng/ul	98
7) Acenaphthylene	13.74	152	11130	0.341	ng/ul	96
8) Acenaphthene	14.09	153	8655	0.321	ng/ul	95
9) Fluorene	15.08	166	8728	0.314	ng/ul	93
11) Pentachlorophenol	16.44	266	467	0.380	ng/ul	92
12) Phenanthrene	16.82	178	15490	0.320	ng/ul#	89
13) Anthracene	16.91	178	13713	0.334	ng/ul#	92
15) Fluoranthene	18.84	202	16704	0.324	ng/ul	85
17) Pyrene	19.21	202	16451	0.307	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	14062	0.365	ng/ul#	85
19) Chrysene	21.02	228	15798	0.316	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	14532	0.311	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	14711	0.288	ng/ul#	85
23) Benzo(a)pyrene	23.11	252	13099	0.332	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.51	276	14616	0.356	ng/ul#	80
25) Dibenzo(a,h)anthracene	25.53	278	12115	0.372	ng/ul#	88
26) Benzo(g,h,i)perylene	26.21	276	12871	0.323	ng/ul#	93

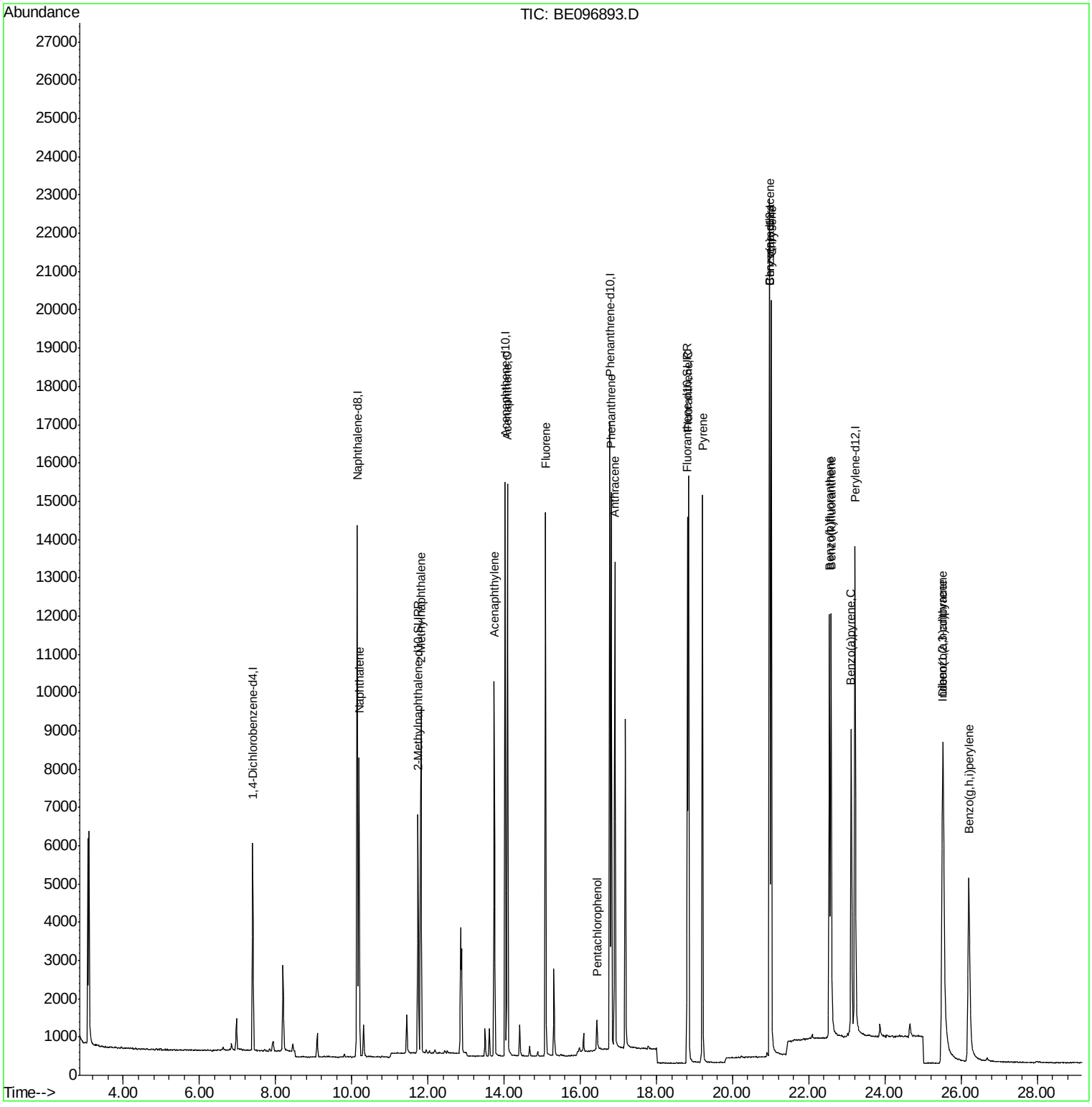
(#) = qualifier out of range (m) = manual integration (+) = signals summed

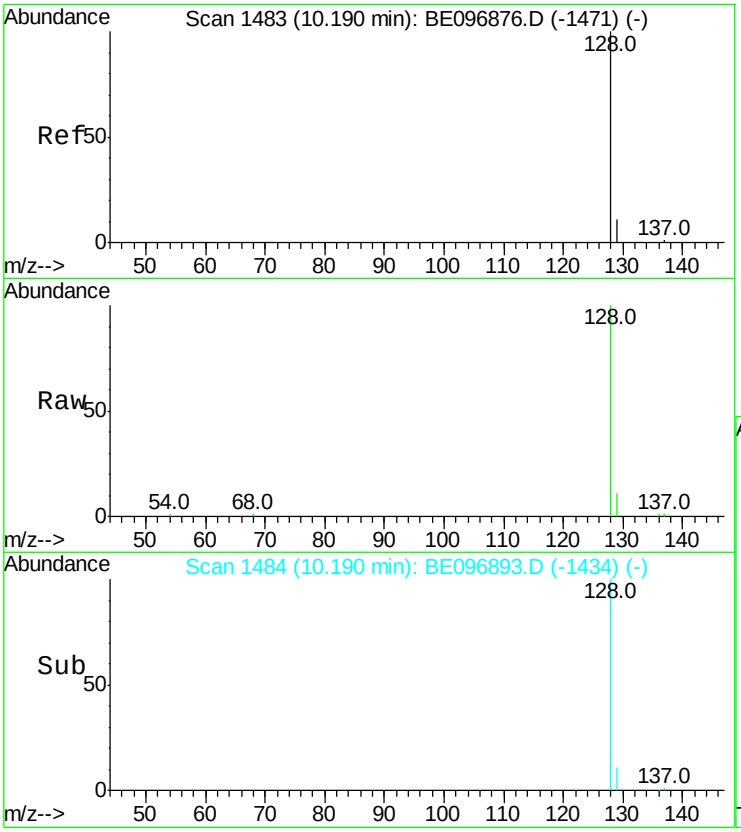
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE071118\
Data File : BE096893.D
Acq On : 11 Jul 2018 17:07
Operator : SJ/JU
Sample : SSTDCCC0.4EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 11 18:10:55 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



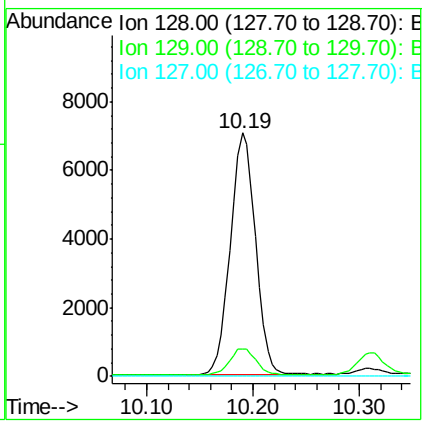


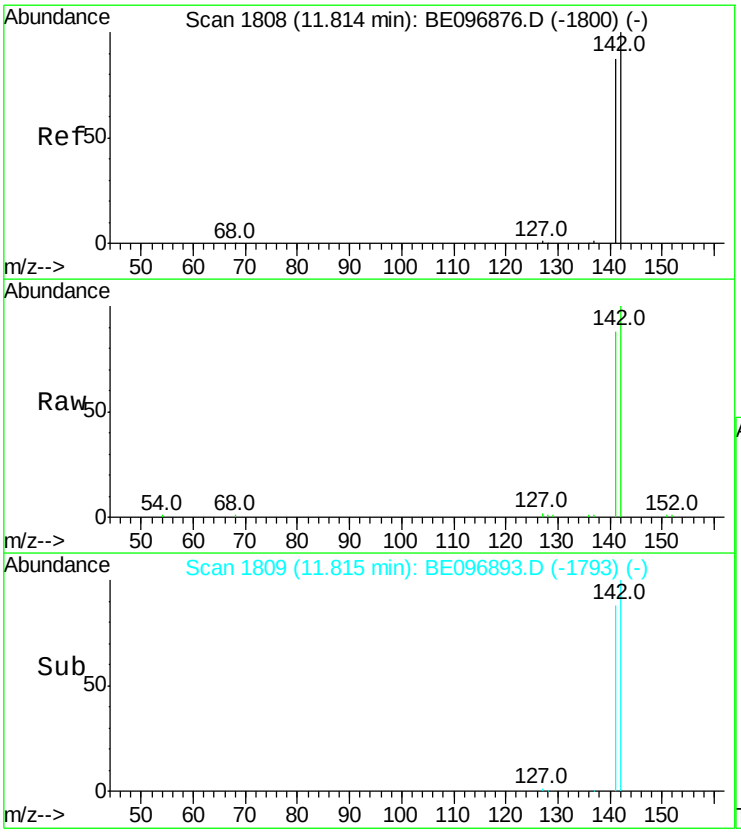
#3
Naphthalene
Concen: 0.335 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 11533

Ion	Ratio	Lower	Upper
128	100		
129	11.4	11.3	16.9
127	0.0	4.0	6.0#

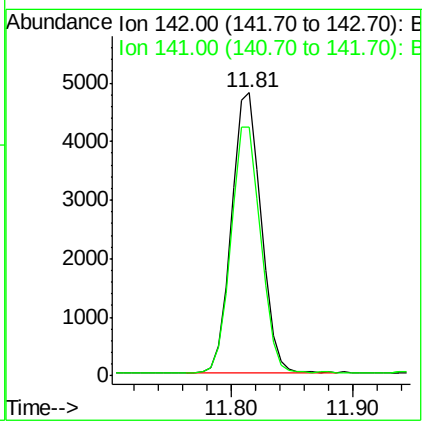


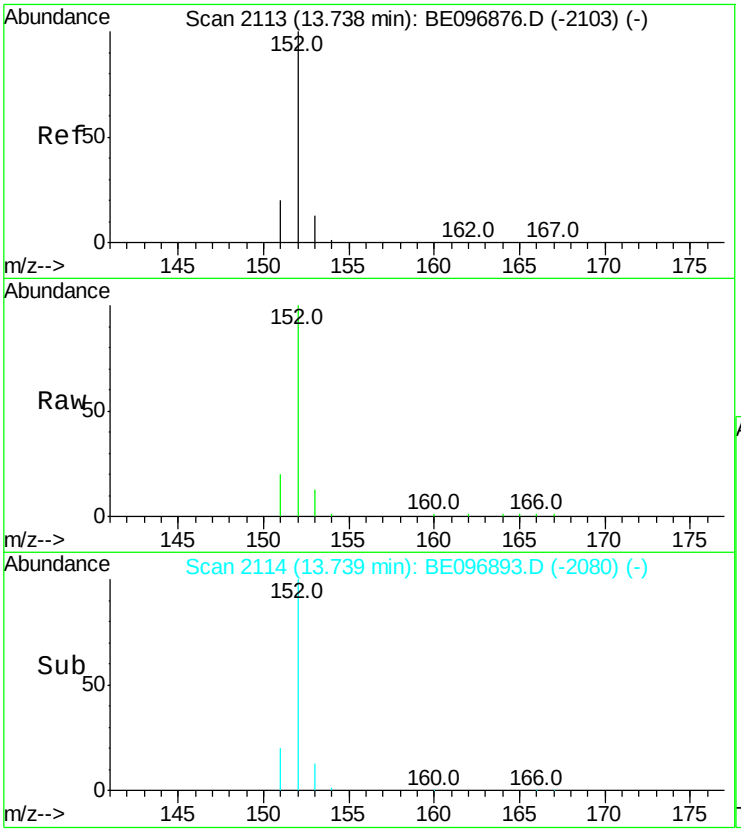


#5
2-Methylnaphthalene
Concen: 0.344 ng/ul
RT: 11.81 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:142 Resp: 8059

Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.6	108.8



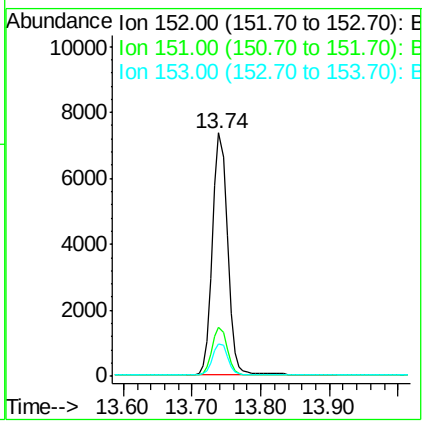


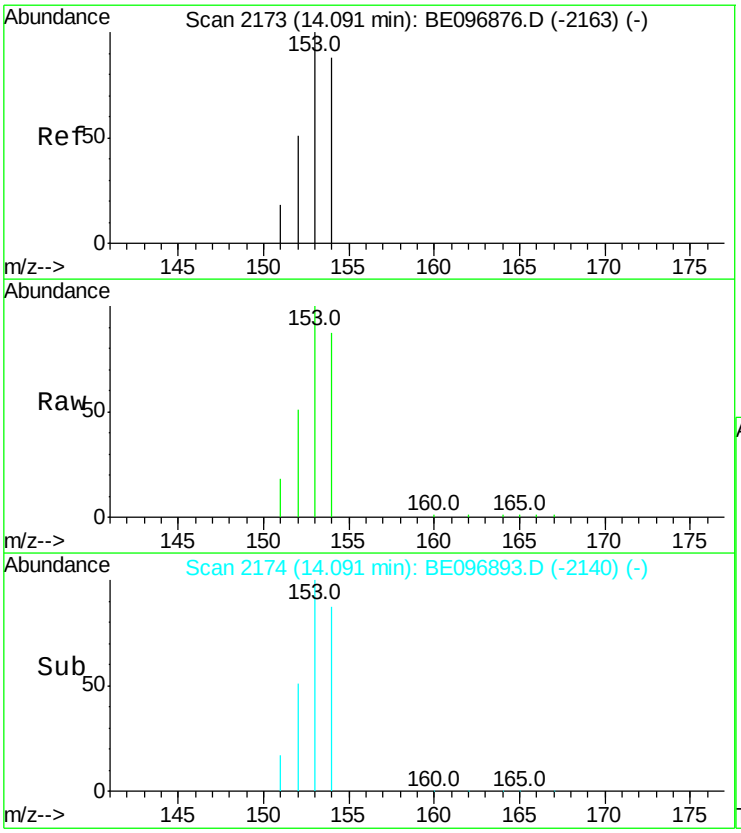
#7
Acenaphthylene
Concen: 0.341 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 11130

Ion	Ratio	Lower	Upper
152	100		
151	20.4	17.1	25.7
153	13.5	12.8	19.2

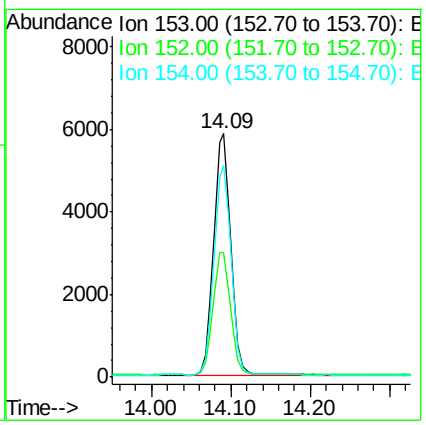


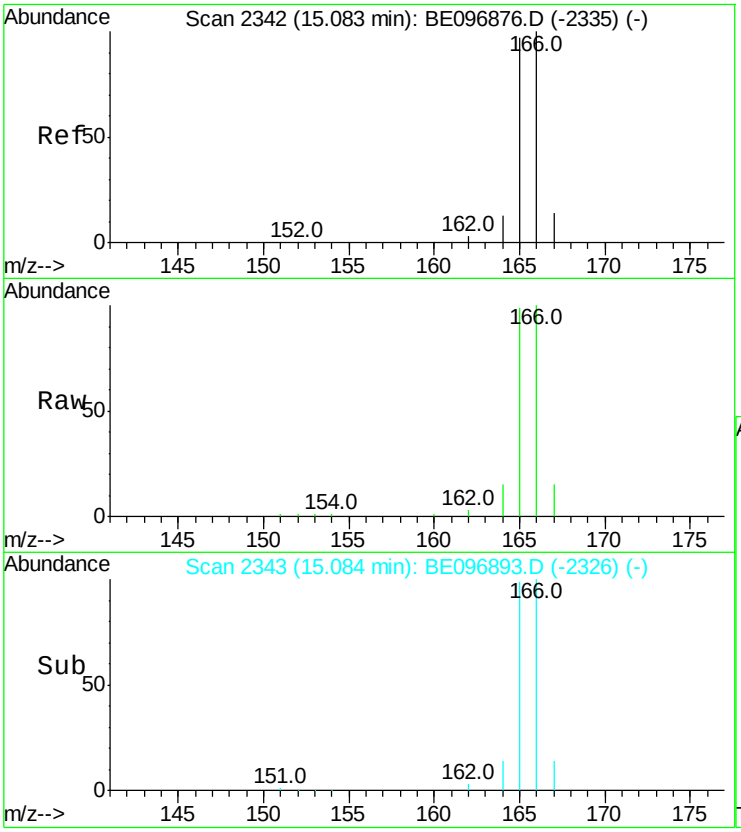


#8
Acenaphthene
Concen: 0.321 ng/ul
RT: 14.09 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:153 Resp: 8655

Ion	Ratio	Lower	Upper
153	100		
152	51.2	36.0	54.0
154	87.1	72.0	108.0



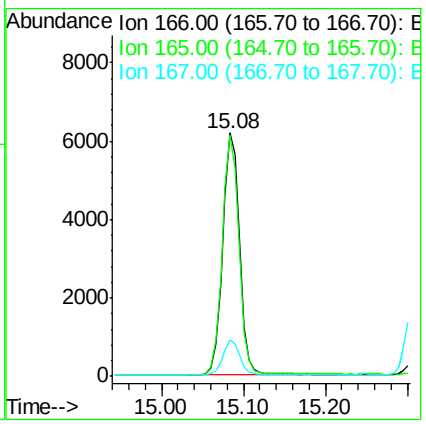


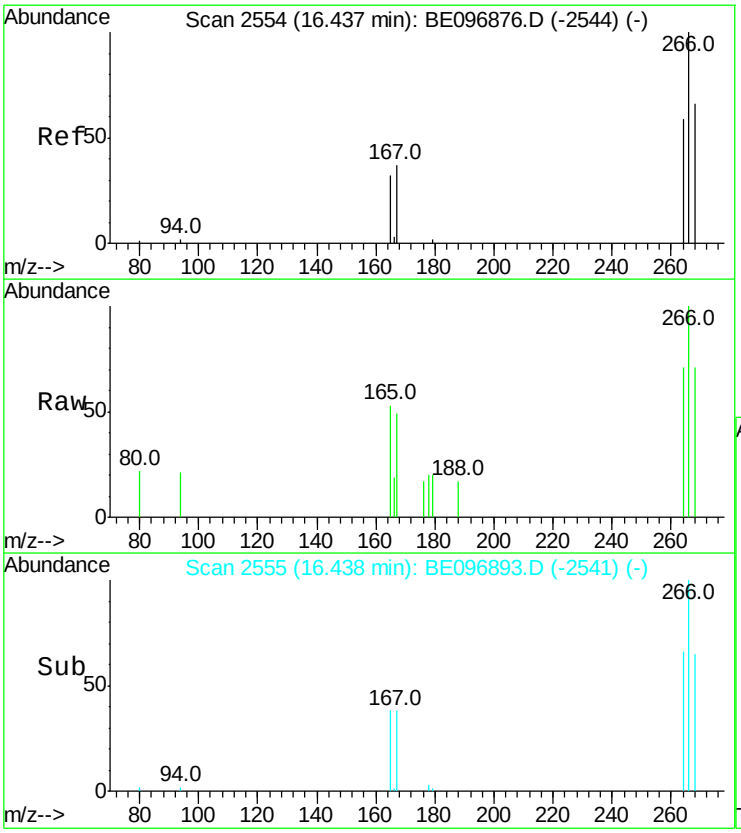
#9
Fluorene
Concen: 0.314 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 8728

Ion	Ratio	Lower	Upper
166	100		
165	98.9	73.4	110.2
167	15.1	14.6	22.0

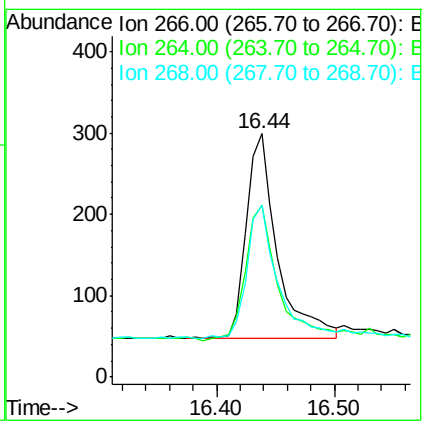


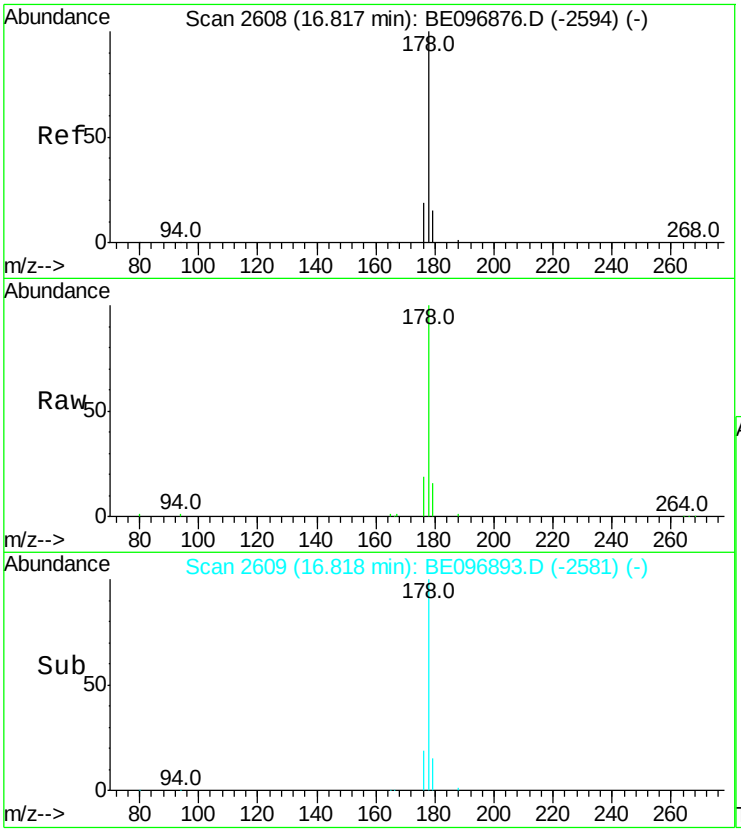


#11
Pentachlorophenol
Concen: 0.380 ng/ul
RT: 16.44 min Scan# 2555
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:266 Resp: 467

Ion	Ratio	Lower	Upper
266	100		
264	69.8	47.9	71.9
268	65.3	49.8	74.8



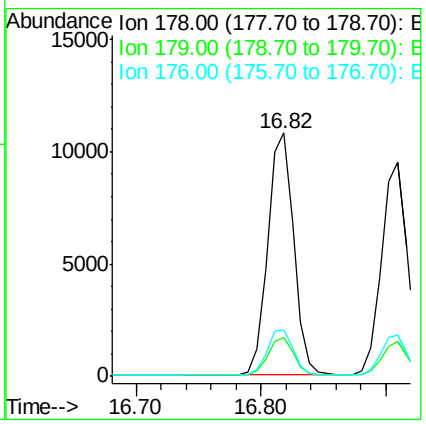


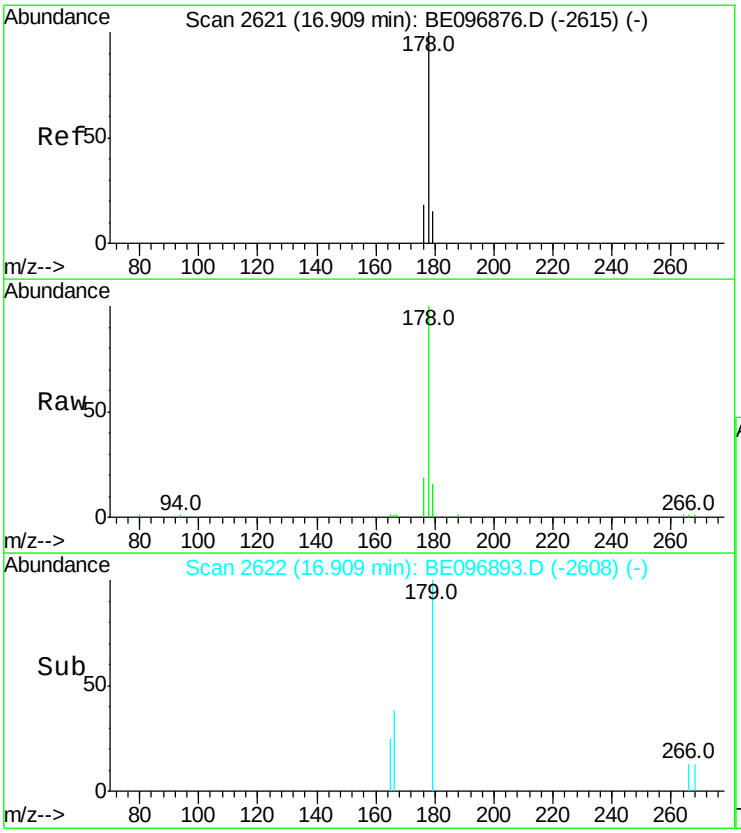
#12
Phenanthrene
Concen: 0.320 ng/ul
RT: 16.82 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 15490

Ion	Ratio	Lower	Upper
178	100		
179	15.8	18.4	27.6#
176	19.4	13.6	20.4

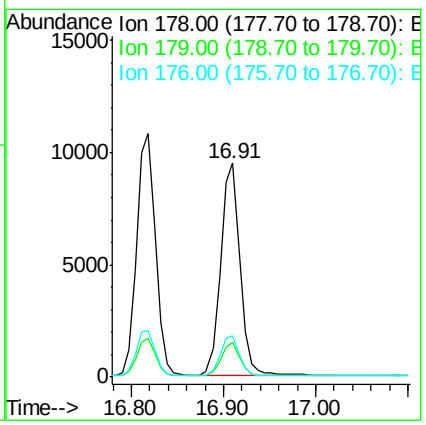


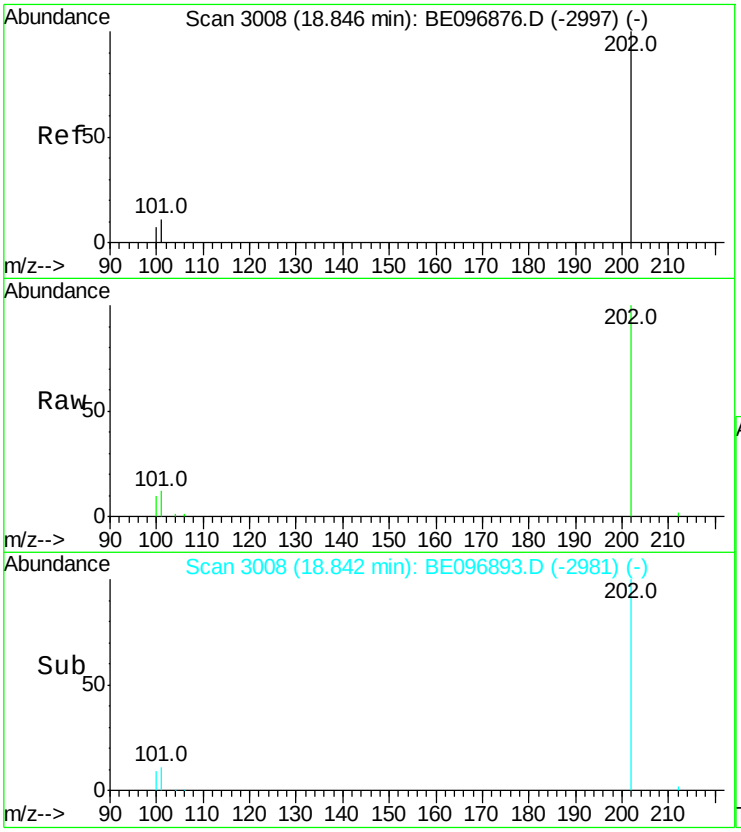


#13
Anthracene
Concen: 0.334 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:178 Resp: 13713

Ion	Ratio	Lower	Upper
178	100		
179	16.3	18.1	27.1#
176	19.1	14.7	22.1



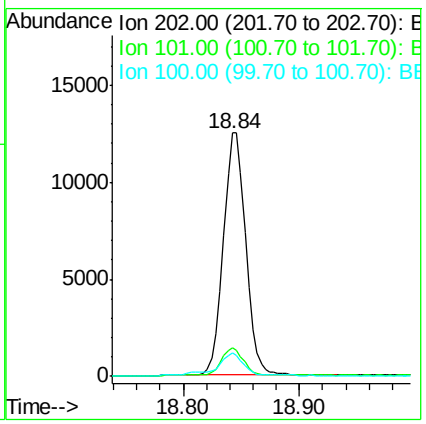


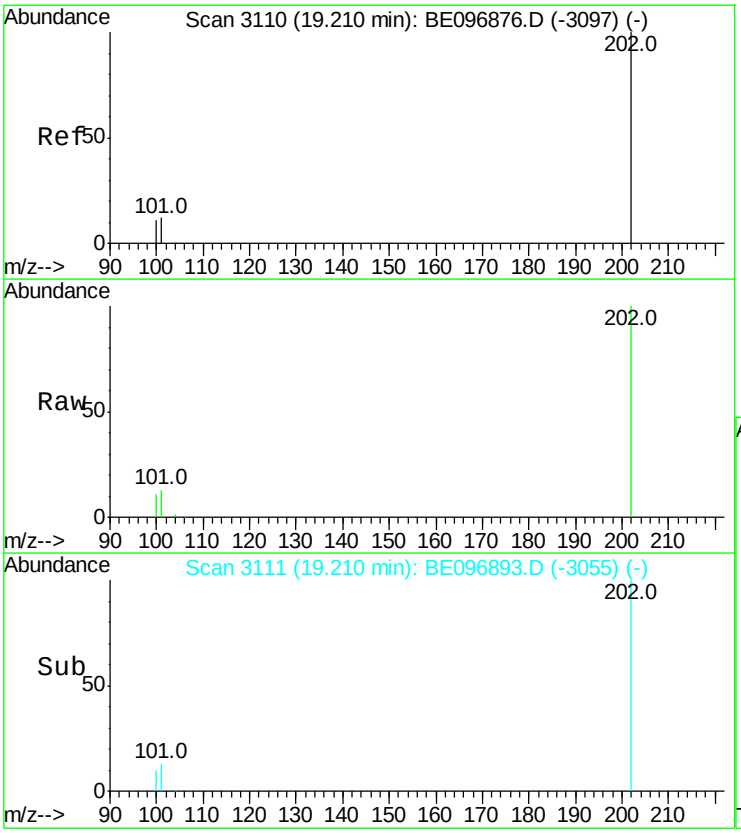
#15
Fluoranthene
Concen: 0.324 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 16704

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
100	9.6	0.0	39.5

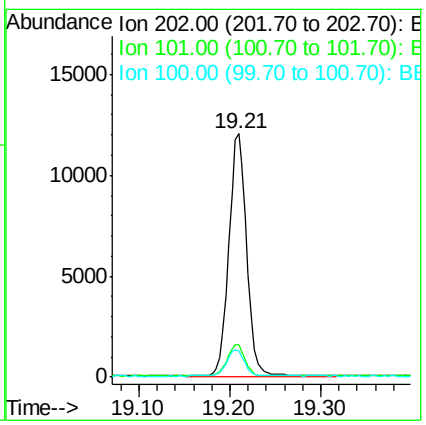


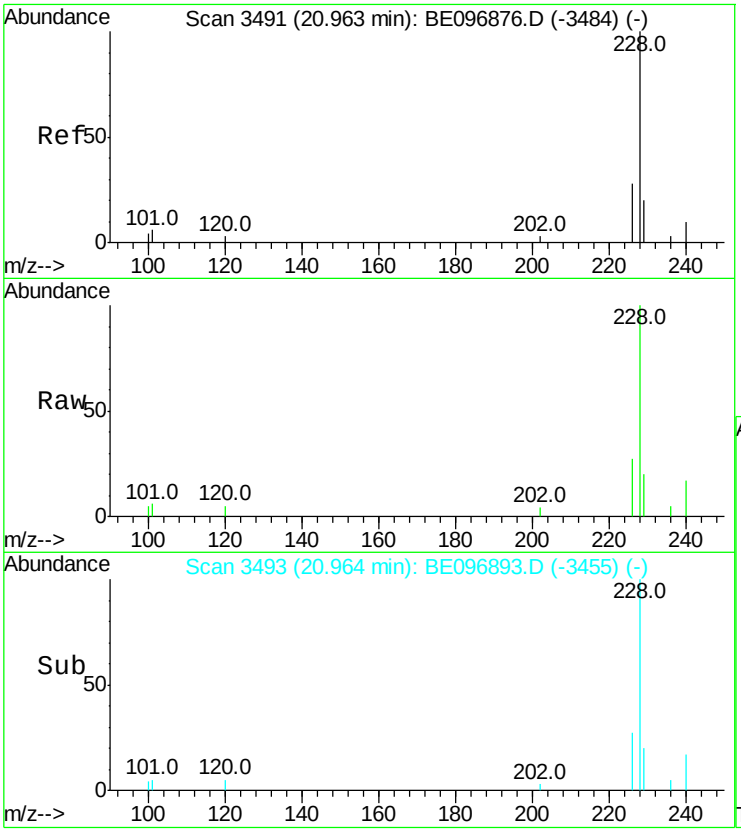


#17
Pyrene
Concen: 0.307 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. -0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:202 Resp: 16451

Ion	Ratio	Lower	Upper
202	100		
101	13.2	18.2	27.4#
100	10.8	15.6	23.4#



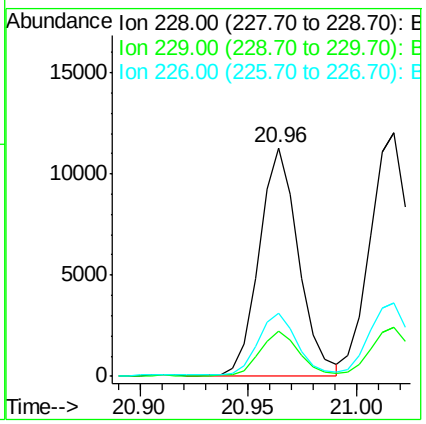


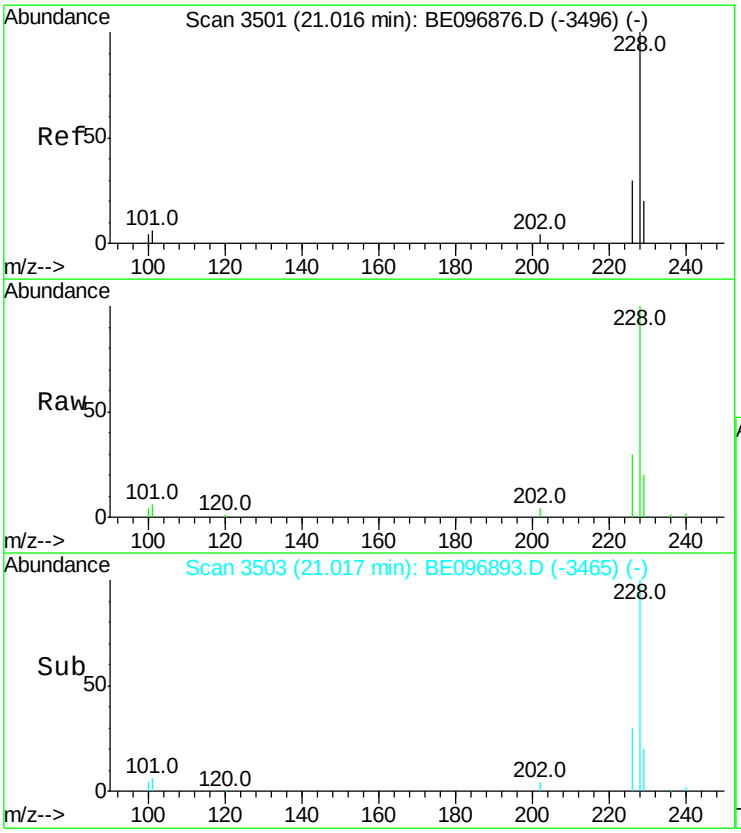
#18
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 14062

Ion	Ratio	Lower	Upper
228	100		
229	20.0	22.8	34.2#
226	27.4	17.0	25.6#

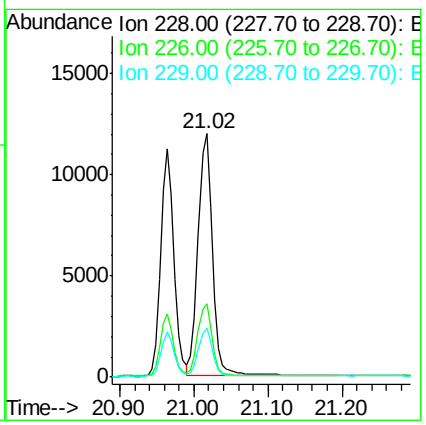


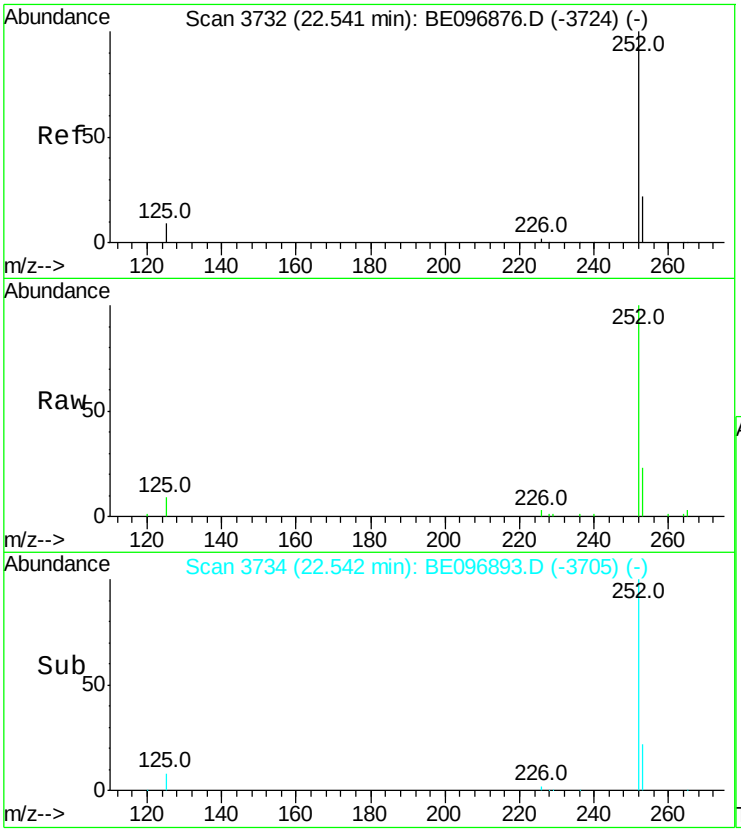


#19
Chrysene
Concen: 0.316 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:228 Resp: 15798

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	20.1	17.7	26.5



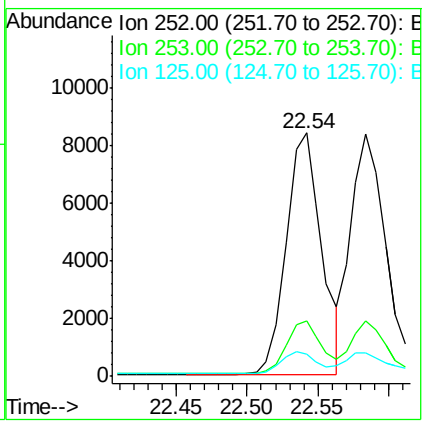


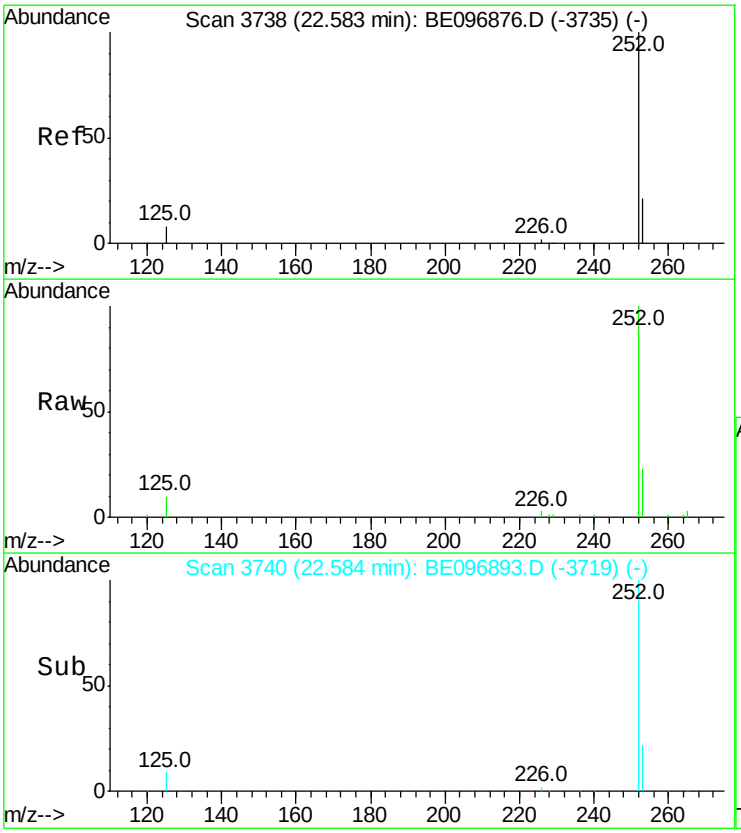
#21
Benzo(b)fluoranthene
Concen: 0.311 ng/ul
RT: 22.54 min Scan# 3734
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14532

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	64.2
125	9.0	0.0	35.0

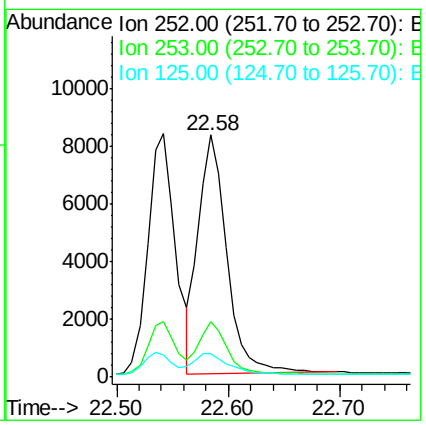


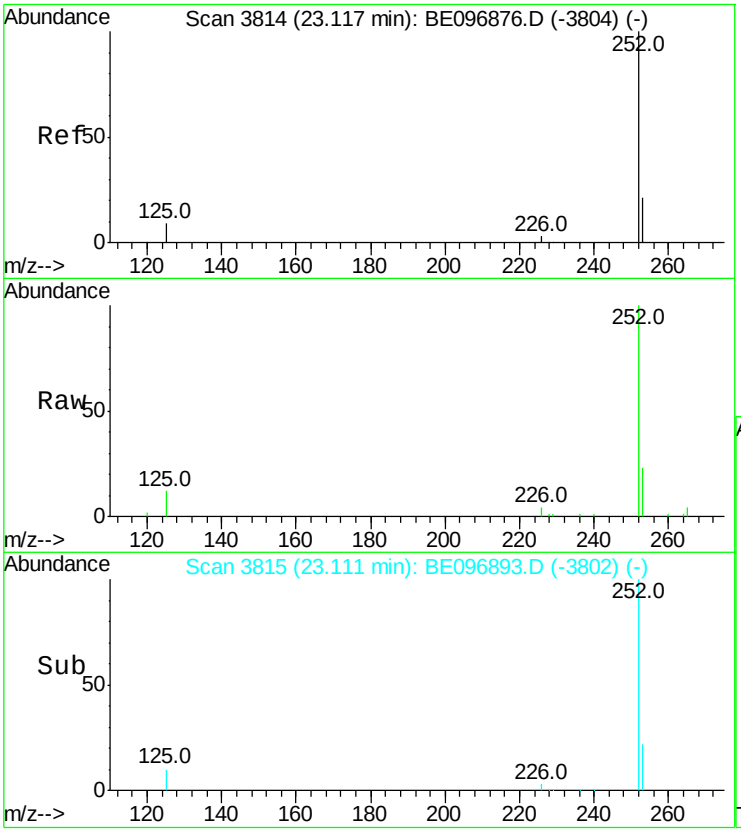


#22
Benzo(k)fluoranthene
Concen: 0.288 ng/ul
RT: 22.58 min Scan# 3740
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:252 Resp: 14711

Ion	Ratio	Lower	Upper
252	100		
253	22.9	24.5	36.7#
125	10.0	13.7	20.5#



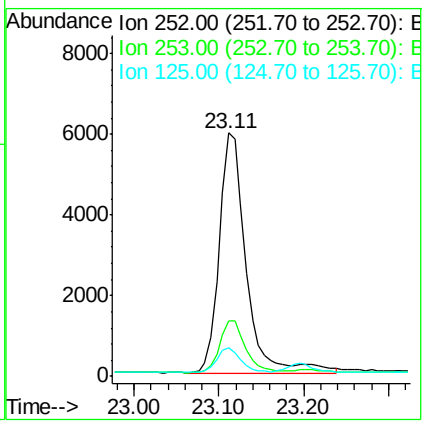


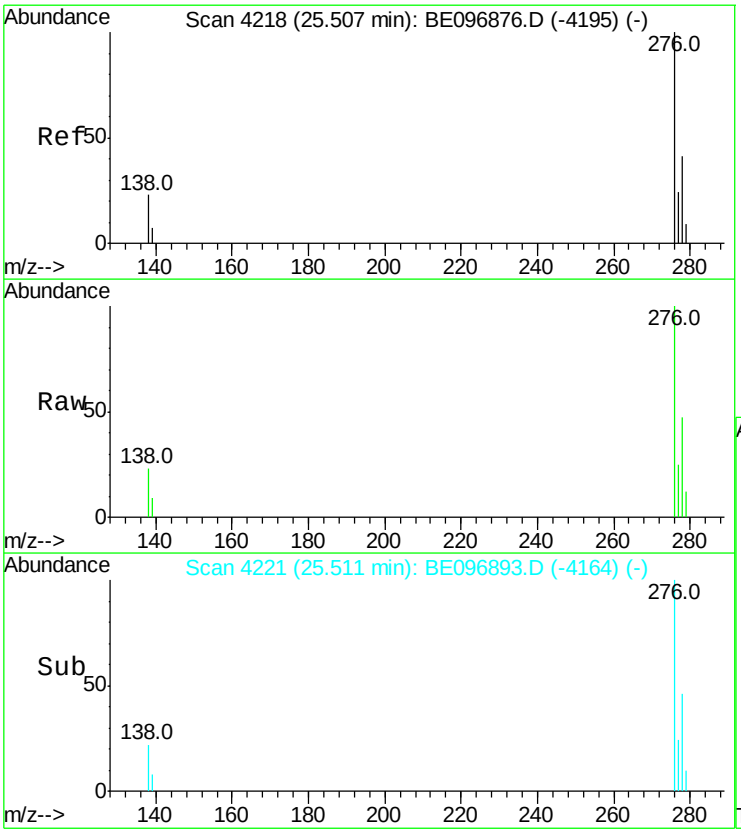
#23
Benzo(a)pyrene
Concen: 0.332 ng/ul
RT: 23.11 min Scan# 3815
Delta R.T. -0.01 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 13099

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	11.7	18.1	27.1#

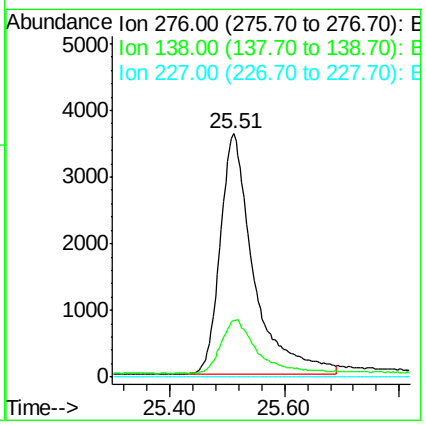


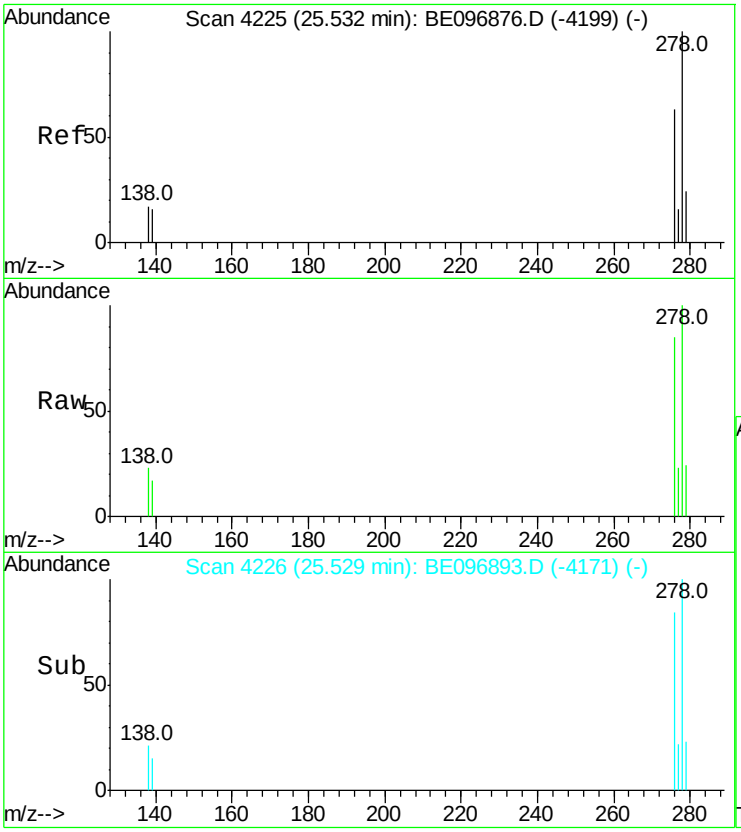


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.356 ng/ul
RT: 25.51 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:276 Resp: 14616

Ion	Ratio	Lower	Upper
276	100		
138	24.4	28.0	42.0#
227	0.0	8.0	12.0#



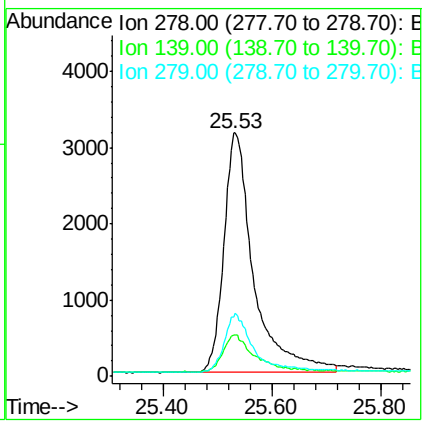


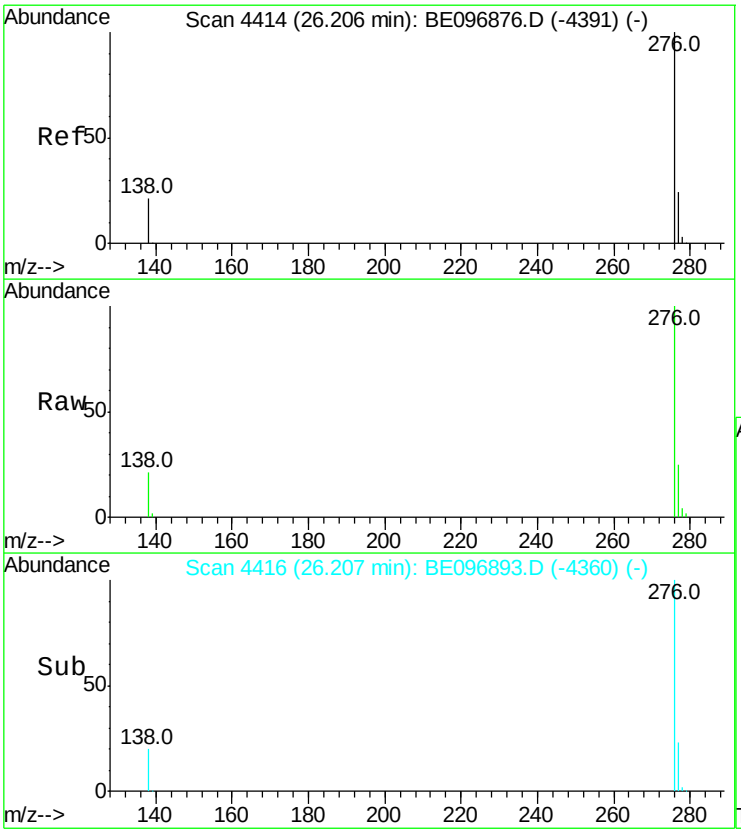
#25
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 12115

Ion	Ratio	Lower	Upper
278	100		
139	17.0	17.4	26.0#
279	24.5	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.21 min Scan# 4416
Delta R.T. 0.00 min
Lab File: BE096893.D
Acq: 11 Jul 2018 17:07

Tgt Ion:276 Resp: 12871

Ion	Ratio	Lower	Upper
276	100		
138	21.0	21.8	32.8#
277	24.7	20.5	30.7