Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096853.D
Acq On : 6 Jul 2018 14:12
Operator : SJ/JU
Sample : SSTD0.847
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 06 14:58:54 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 : Fri Jul 06 14:58:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	2915	0.40	ng/ul	0.00
2) Naphthalene-d8	10.14	136	14945	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	8169	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	21776	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	18547	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	14776	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	19351	0.75	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	43574	0.68	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	28378	0.744	ng/ul#	90
5) 2-Methylnaphthalene	11.81	142	19821	0.801	ng/ul	97
7) Acenaphthylene	13.74	152	26890	0.758	ng/ul	96
8) Acenaphthene	14.09	153	22024	0.751	ng/ul	94
9) Fluorene	15.08	166	23168	0.738	ng/ul#	92
11) Pentachlorophenol	16.43	266	1063	1.255	ng/ul	97
12) Phenanthrene	16.82	178	44341	0.726	ng/ul#	89
13) Anthracene	16.91	178	38691	0.762	ng/ul#	92
15) Fluoranthene	18.85	202	48749	0.721	ng/ul	84
17) Pyrene	19.21	202	45518	0.701	ng/ul#	79
18) Benzo(a)anthracene	20.96	228	35413	0.796	ng/ul#	85
19) Chrysene	21.02	228	43963	0.707	ng/ul	98
21) Benzo(b)fluoranthene	22.54	252	34067	0.781	ng/ul	82
22) Benzo(k)fluoranthene	22.58	252	37679	0.830	ng/ul#	84
23) Benzo(a)pyrene	23.12	252	29011	0.741	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	25.51	276	30607	0.778	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.54	278	24964	0.821	ng/ul#	87
26) Benzo(g,h,i)perylene	26.20	276	29112	0.746	ng/ul#	92

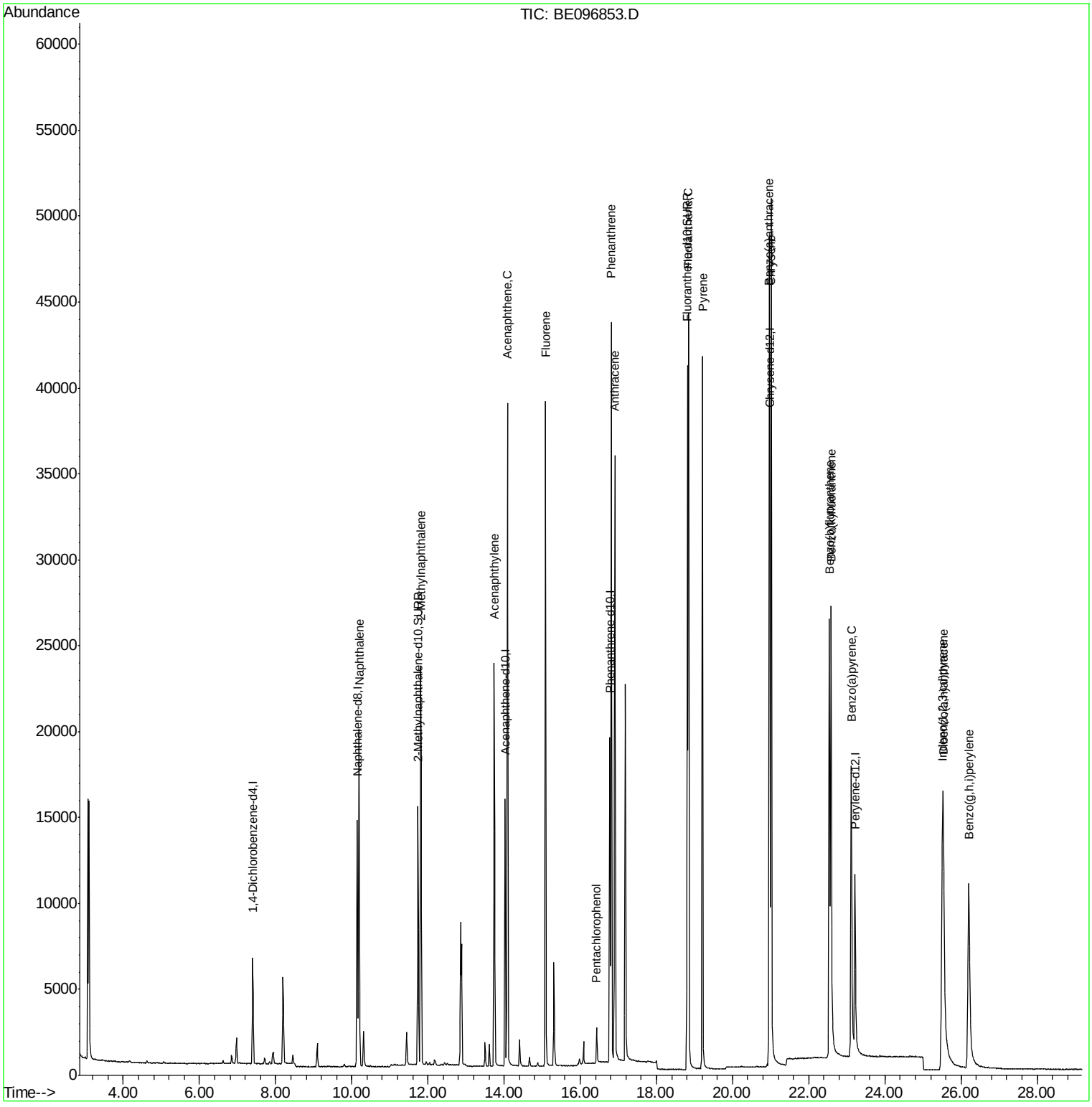
(#) = qualifier out of range (m) = manual integration (+) = signals summed

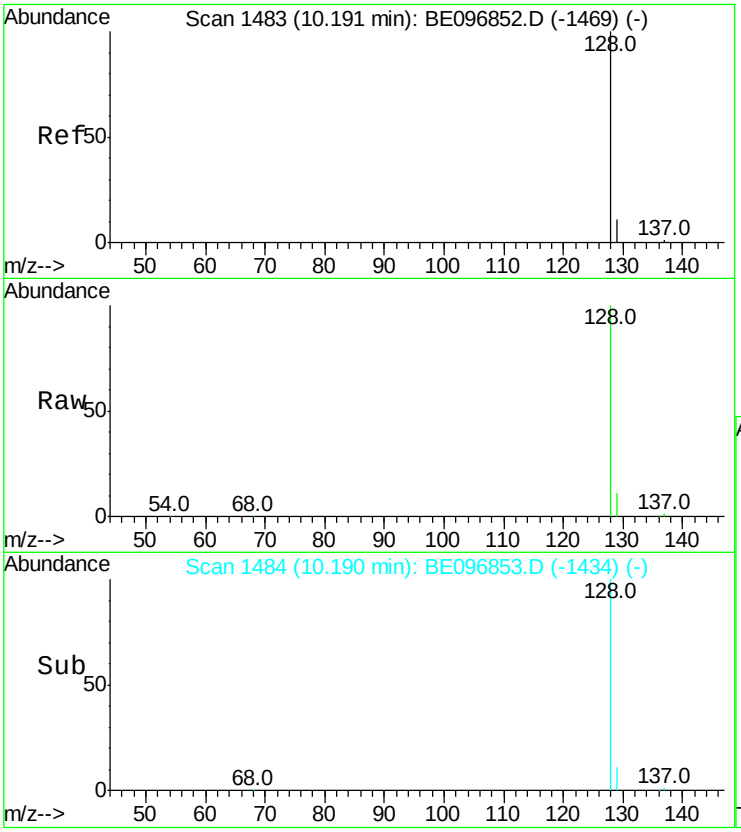
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096853.D
Acq On : 6 Jul 2018 14:12
Operator : SJ/JU
Sample : SSTD0.847
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 06 14:58:54 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 : Fri Jul 06 14:58:27 2018
Response via : Initial Calibration



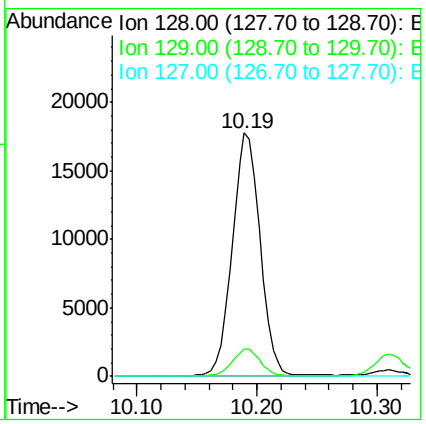


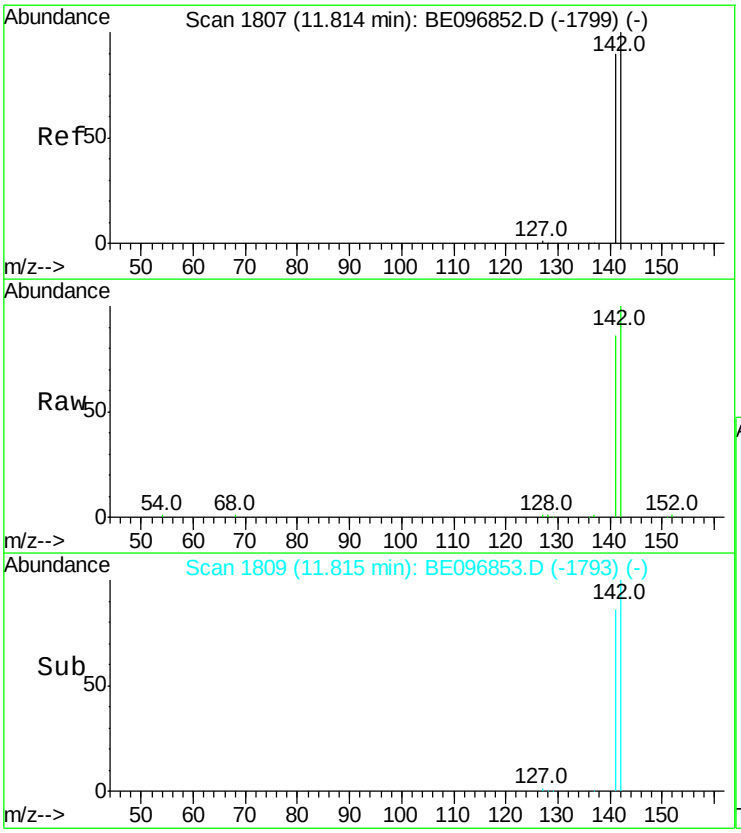
#3
Naphthalene
Concen: 0.744 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. -0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 28378

Ion	Ratio	Lower	Upper
128	100		
129	11.0	11.3	16.9#
127	0.0	4.0	6.0#

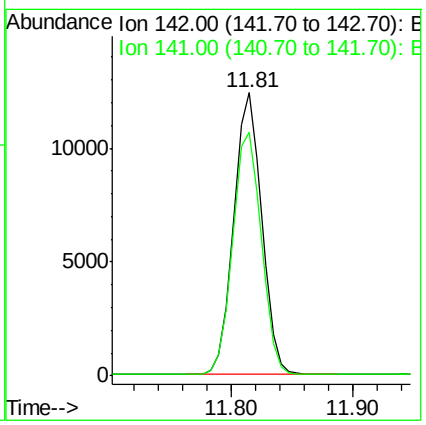


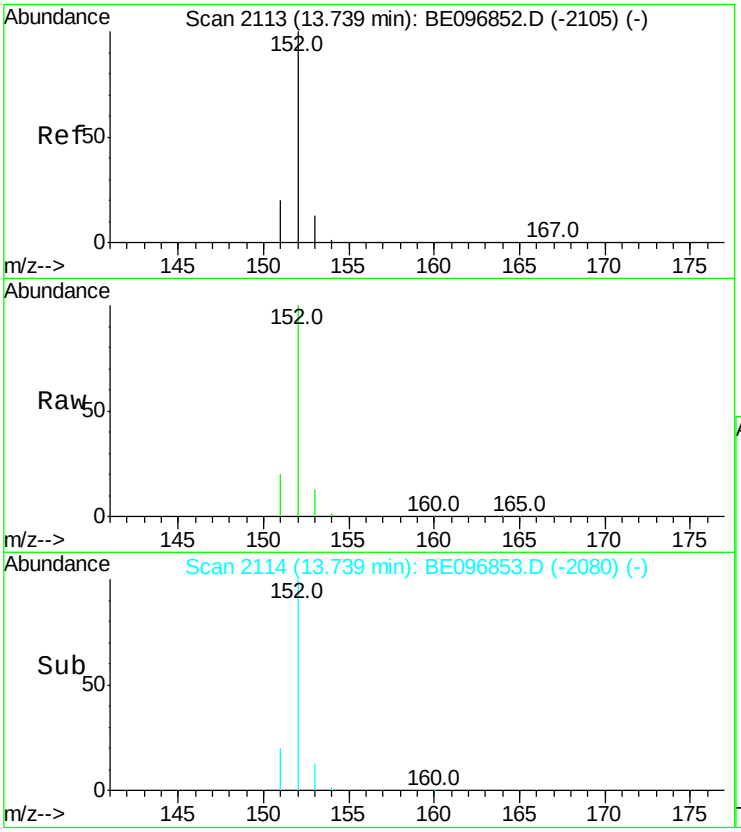


#5
2-Methylnaphthalene
Concen: 0.801 ng/ul
RT: 11.81 min Scan# 1809
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:142 Resp: 19821

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.6	108.8



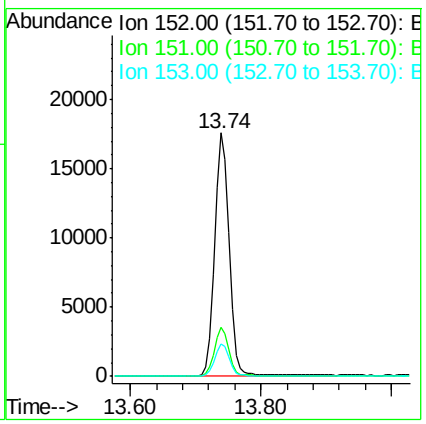


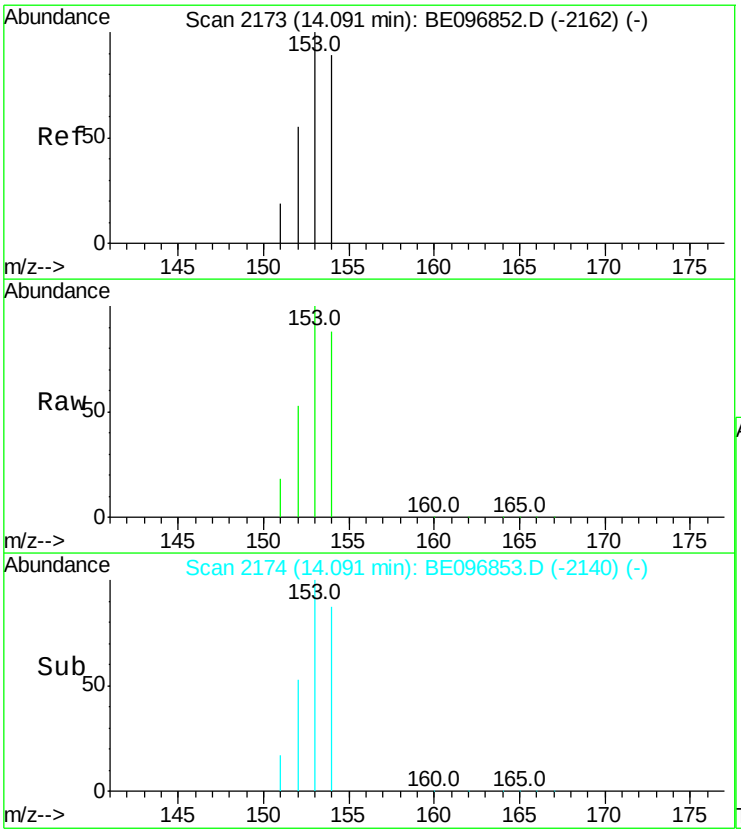
#7
Acenaphthylene
Concen: 0.758 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 26890

Ion	Ratio	Lower	Upper
152	100		
151	20.2	17.1	25.7
153	13.2	12.8	19.2

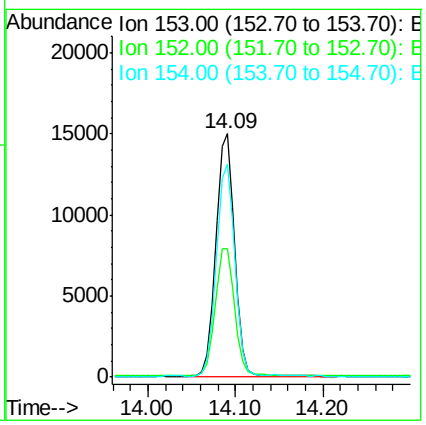


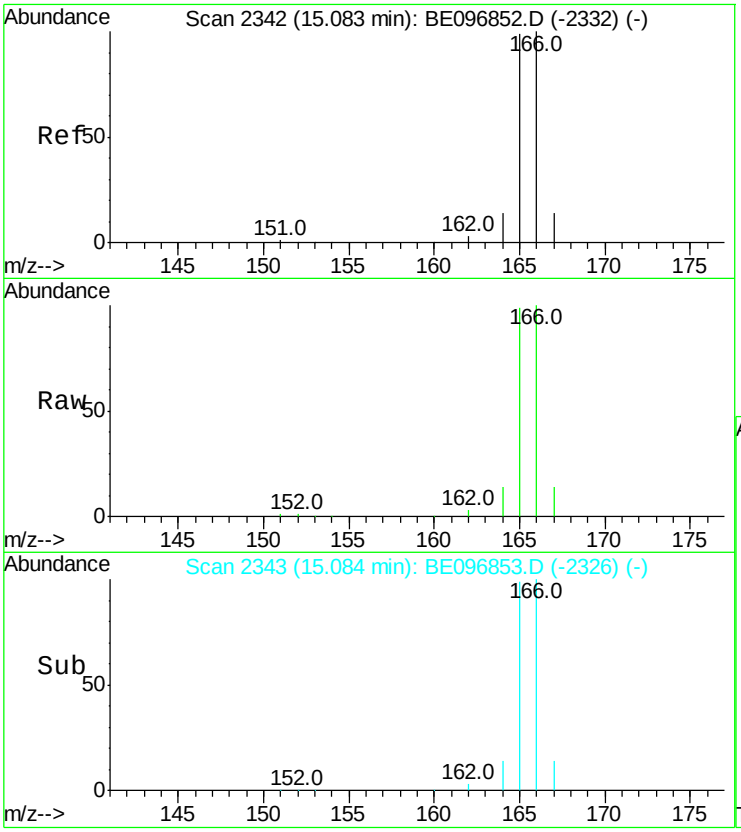


#8
Acenaphthene
Concen: 0.751 ng/ul
RT: 14.09 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:153 Resp: 22024

Ion	Ratio	Lower	Upper
153	100		
152	52.9	36.0	54.0
154	87.5	72.0	108.0



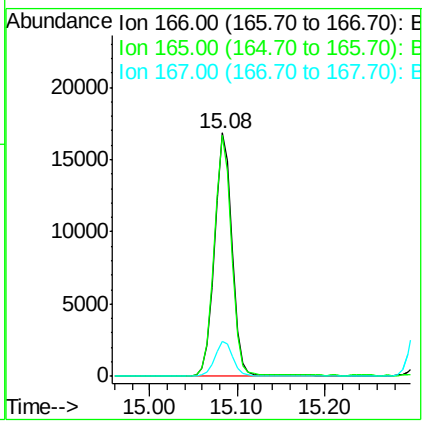


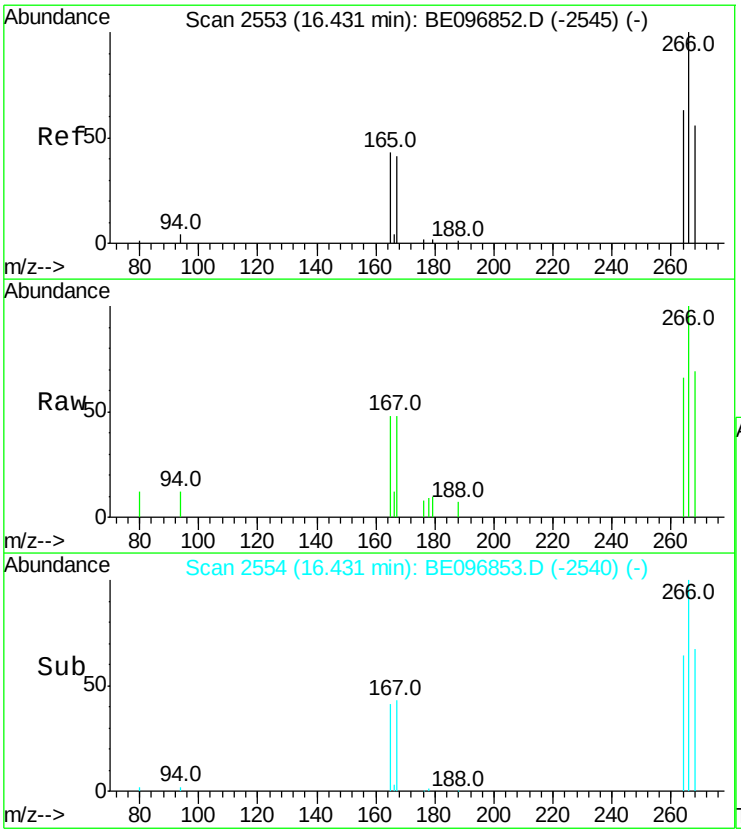
#9
Fluorene
Concen: 0.738 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 23168

Ion	Ratio	Lower	Upper
166	100		
165	99.0	73.4	110.2
167	14.5	14.6	22.0#

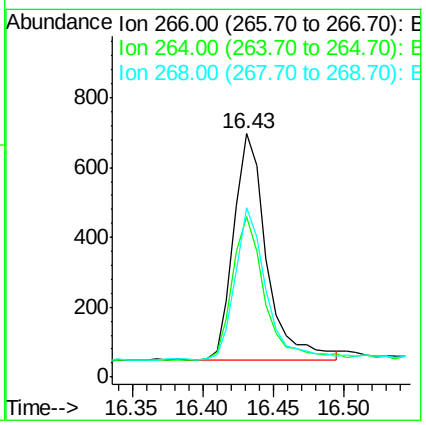


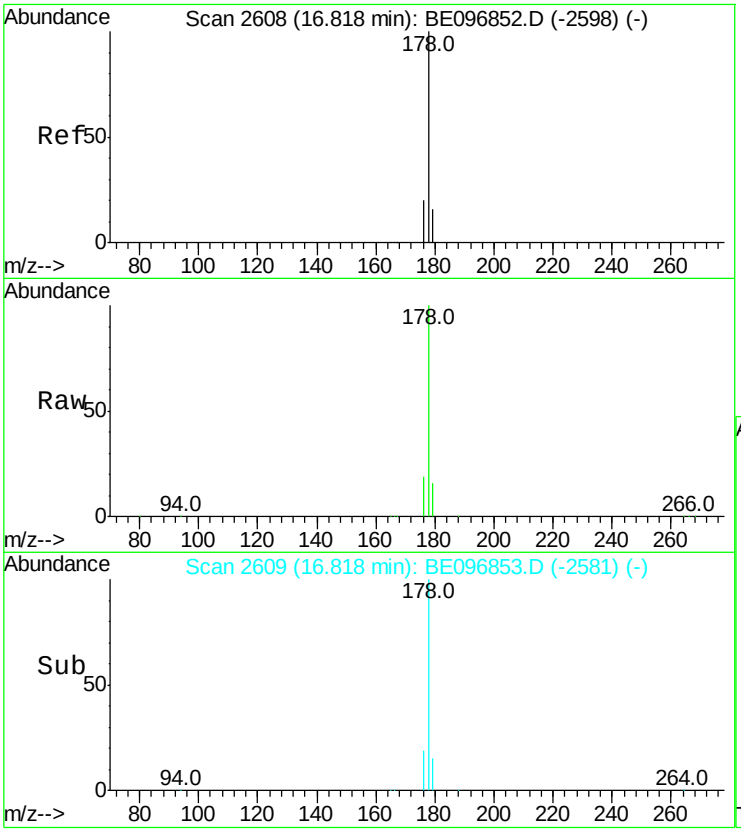


#11
Pentachlorophenol
Concen: 1.255 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. -0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:266 Resp: 1063

Ion	Ratio	Lower	Upper
266	100		
264	62.8	47.9	71.9
268	63.5	49.8	74.8



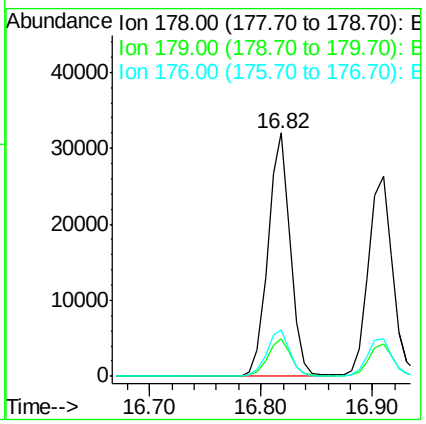


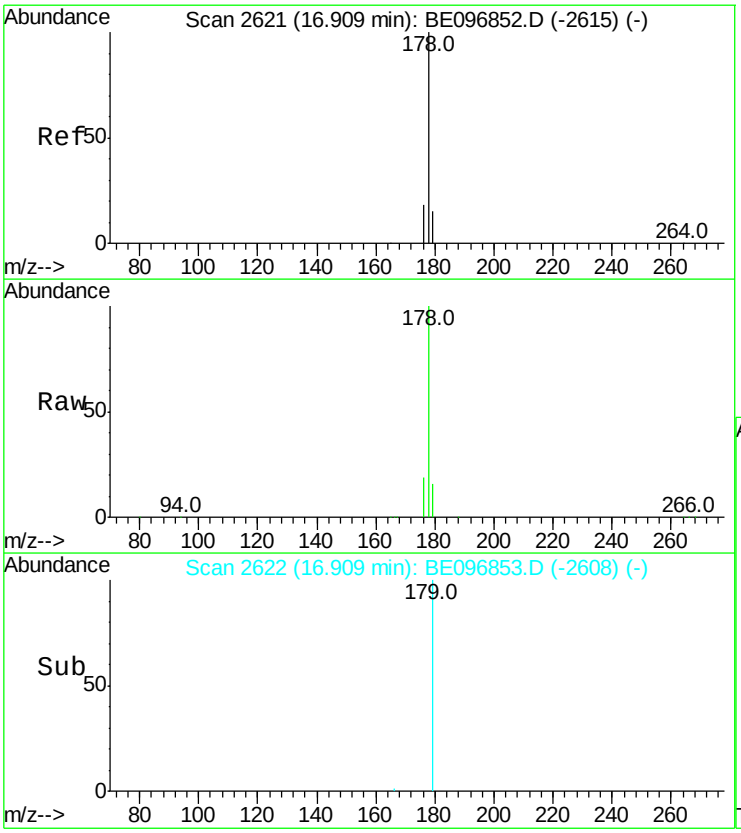
#12
Phenanthrene
Concen: 0.726 ng/ul
RT: 16.82 min Scan# 2609
Delta R.T. -0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 44341

Ion	Ratio	Lower	Upper
178	100		
179	15.5	18.4	27.6#
176	19.1	13.6	20.4

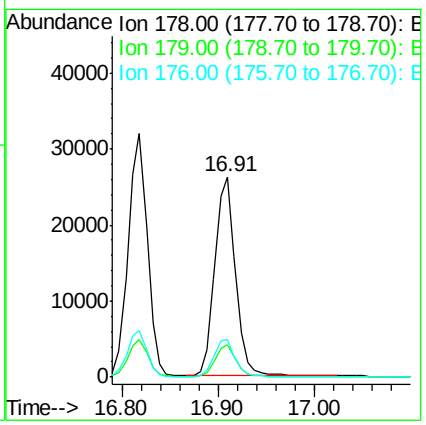


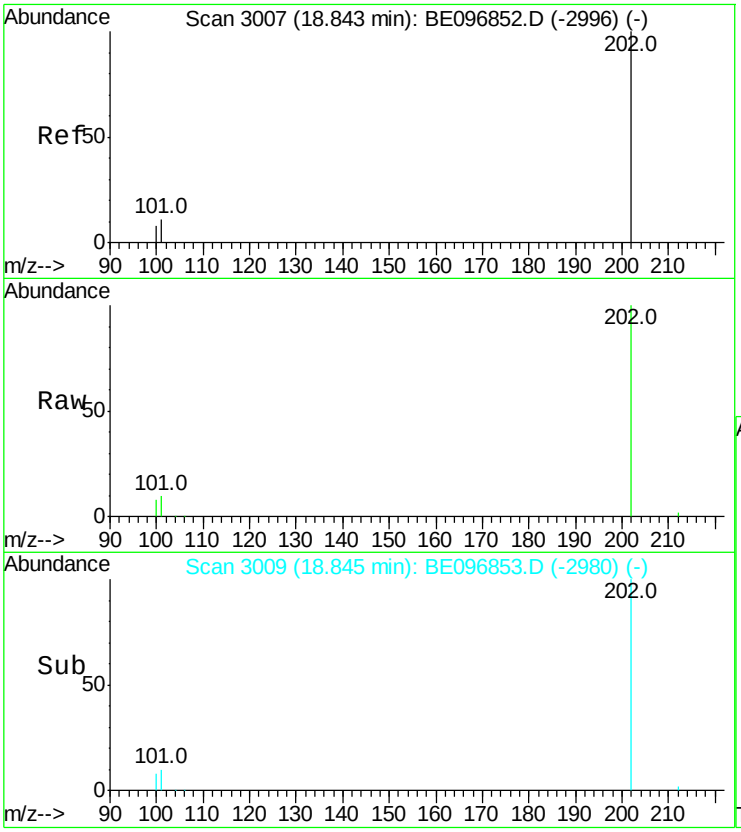


#13
Anthracene
Concen: 0.762 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. -0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:178 Resp: 38691

Ion	Ratio	Lower	Upper
178	100		
179	16.0	18.1	27.1#
176	18.7	14.7	22.1



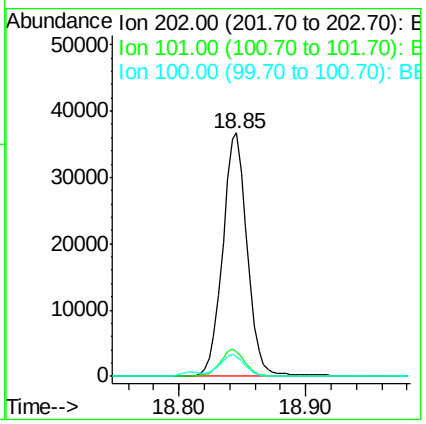


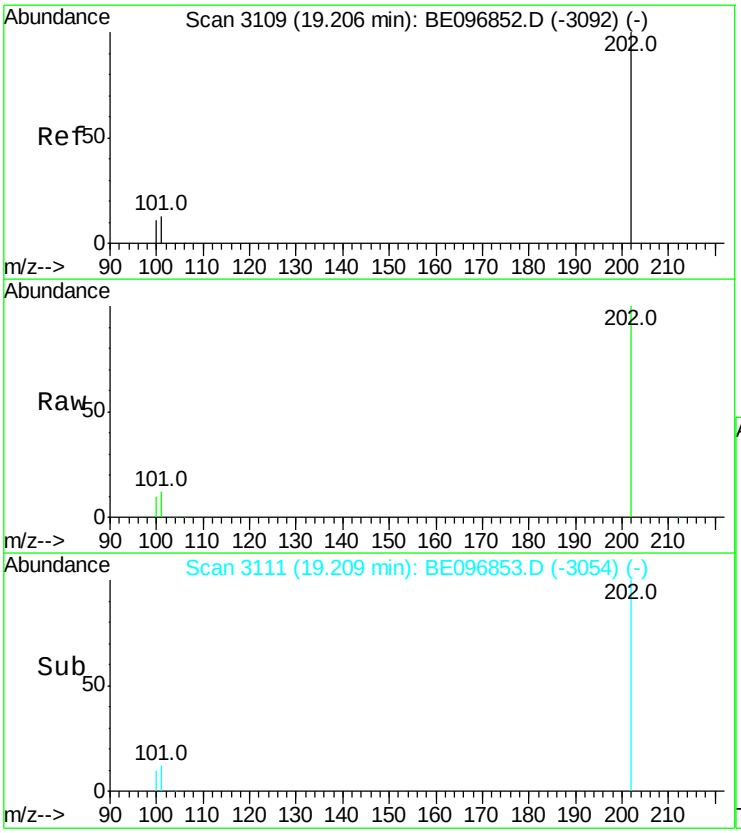
#15
Fluoranthene
Concen: 0.721 ng/ul
RT: 18.85 min Scan# 3009
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 48749

Ion	Ratio	Lower	Upper
202	100		
101	10.2	0.0	30.3
100	8.2	0.0	39.5

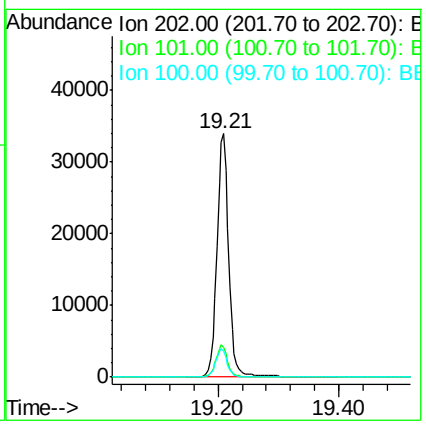


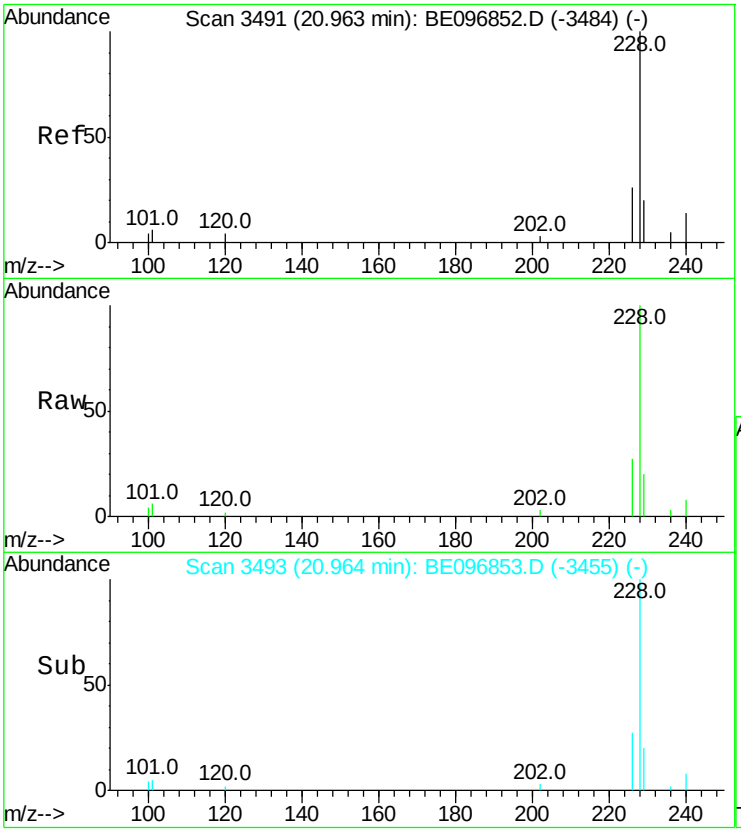


#17
Pyrene
Concen: 0.701 ng/ul
RT: 19.21 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:202 Resp: 45518

Ion	Ratio	Lower	Upper
202	100		
101	12.1	18.2	27.4#
100	10.4	15.6	23.4#



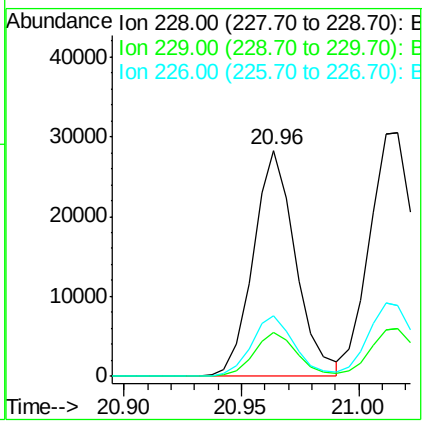


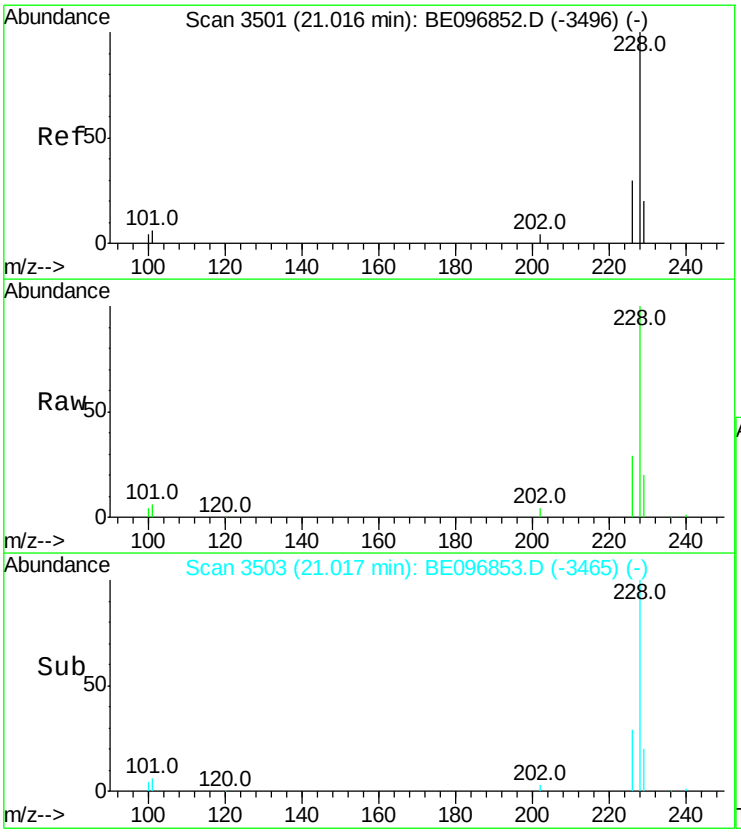
#18
Benzo(a)anthracene
Concen: 0.796 ng/ul
RT: 20.96 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 35413

Ion	Ratio	Lower	Upper
228	100		
229	19.7	22.8	34.2#
226	27.1	17.0	25.6#

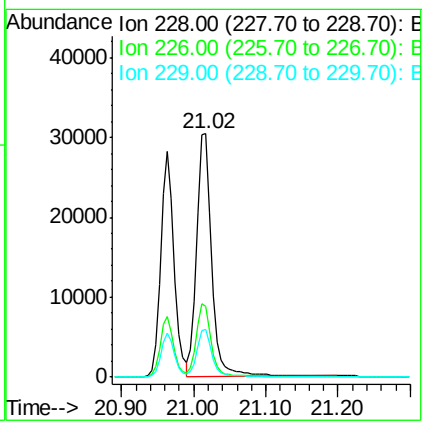


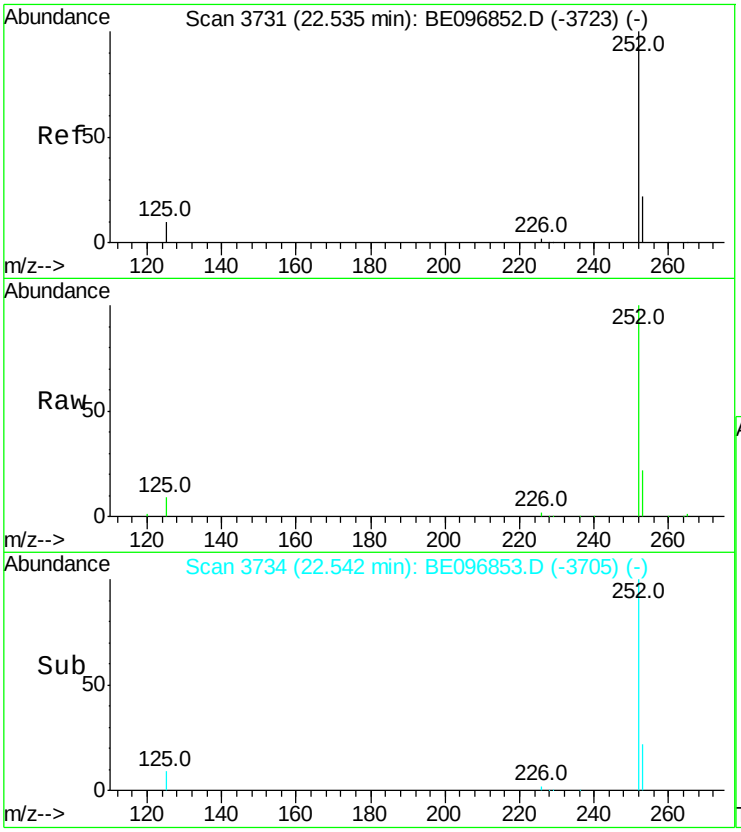


#19
Chrysene
Concen: 0.707 ng/ul
RT: 21.02 min Scan# 3503
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:228 Resp: 43963

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.4	35.0
229	19.8	17.7	26.5



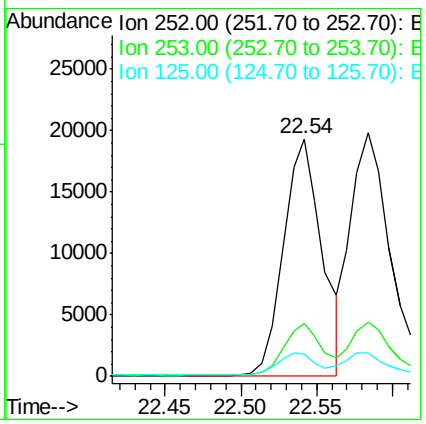


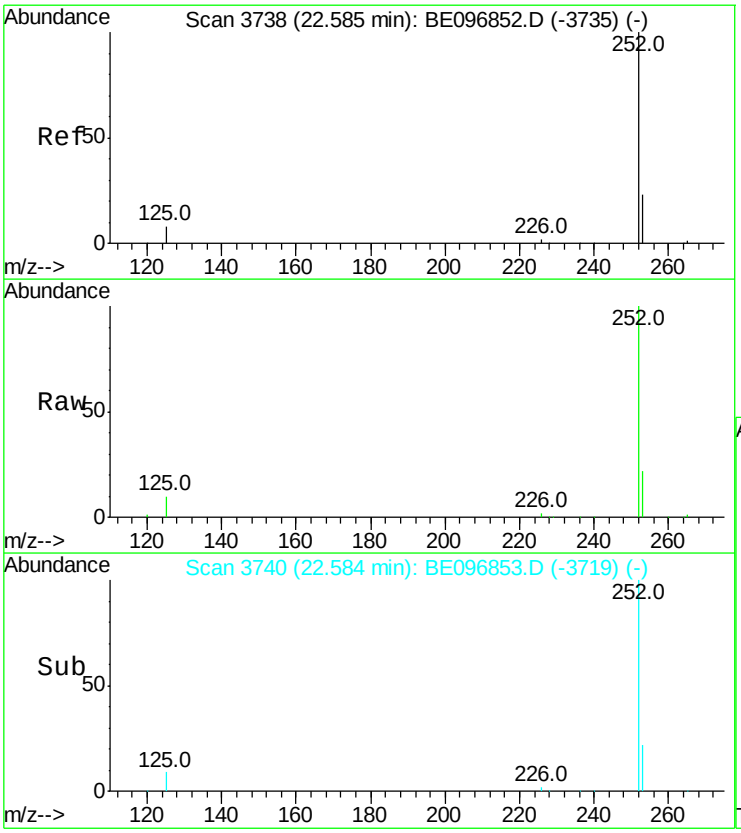
#21
Benzo(b)fluoranthene
Concen: 0.781 ng/ul
RT: 22.54 min Scan# 3734
Delta R.T. 0.01 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 34067

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	64.2
125	9.1	0.0	35.0

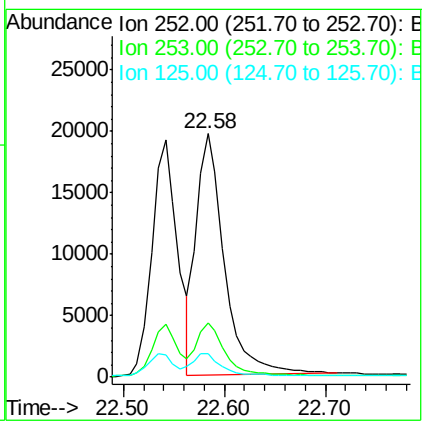


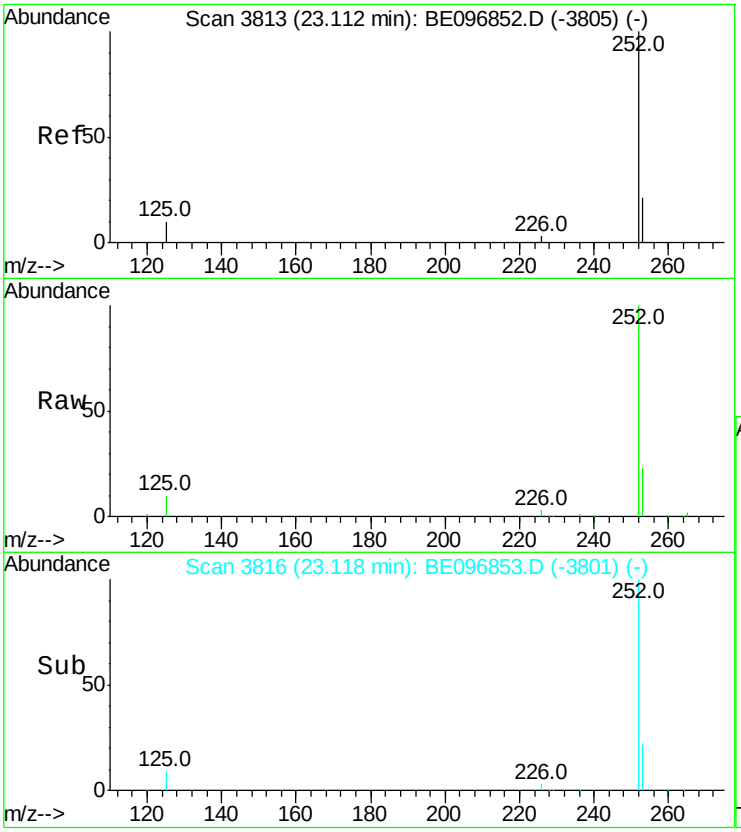


#22
Benzo(k)fluoranthene
Concen: 0.830 ng/ul
RT: 22.58 min Scan# 3740
Delta R.T. -0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:252 Resp: 37679

Ion	Ratio	Lower	Upper
252	100		
253	22.1	24.5	36.7#
125	9.5	13.7	20.5#



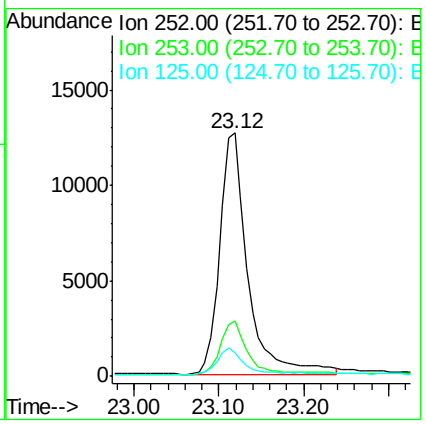


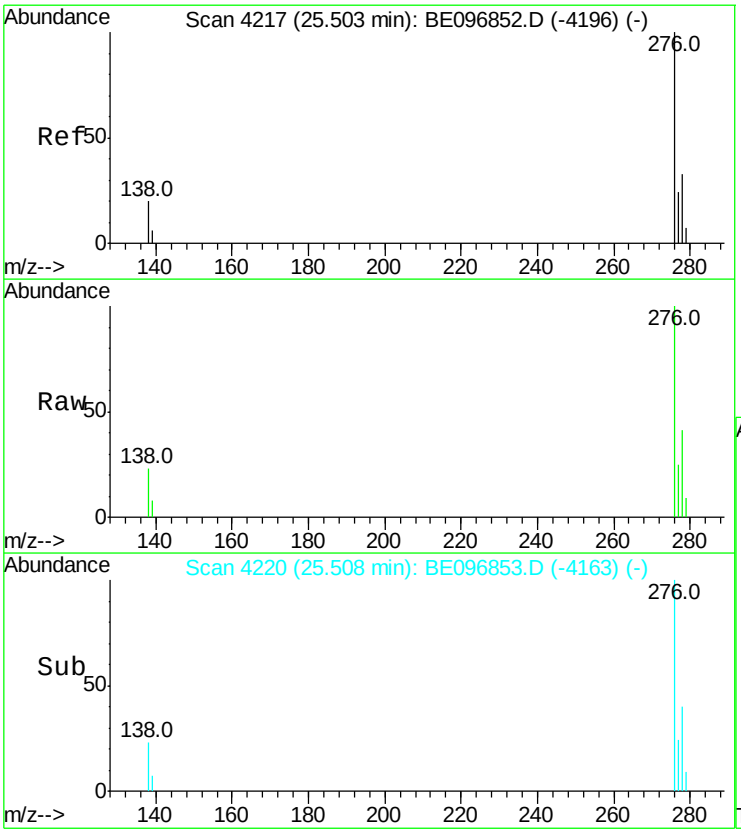
#23
Benzo(a)pyrene
Concen: 0.741 ng/ul
RT: 23.12 min Scan# 3816
Delta R.T. 0.01 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 29011

Ion	Ratio	Lower	Upper
252	100		
253	22.8	28.5	42.7#
125	9.7	18.1	27.1#

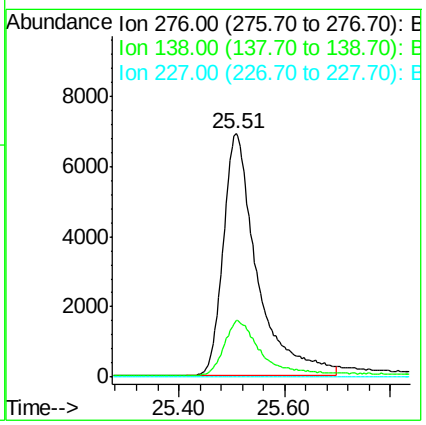


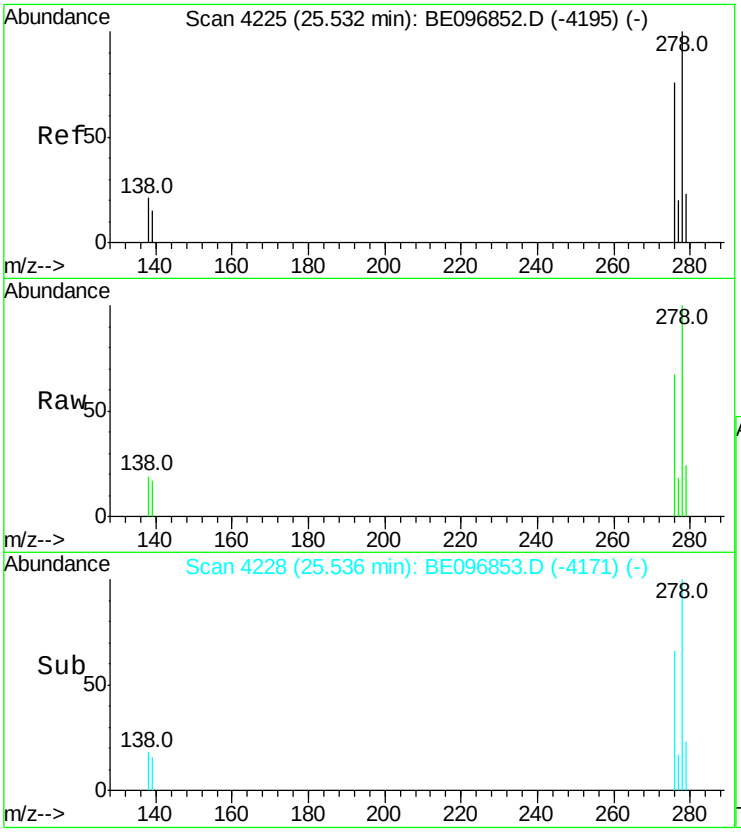


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.778 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:276 Resp: 30607

Ion	Ratio	Lower	Upper
276	100		
138	24.1	28.0	42.0#
227	0.0	8.0	12.0#



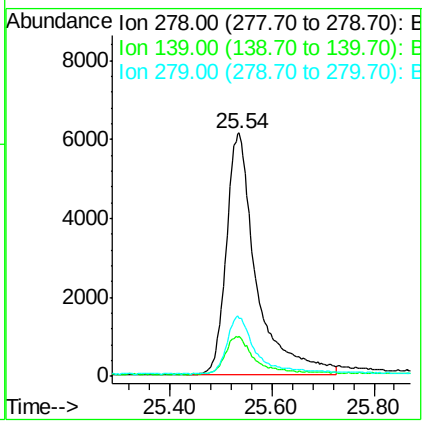


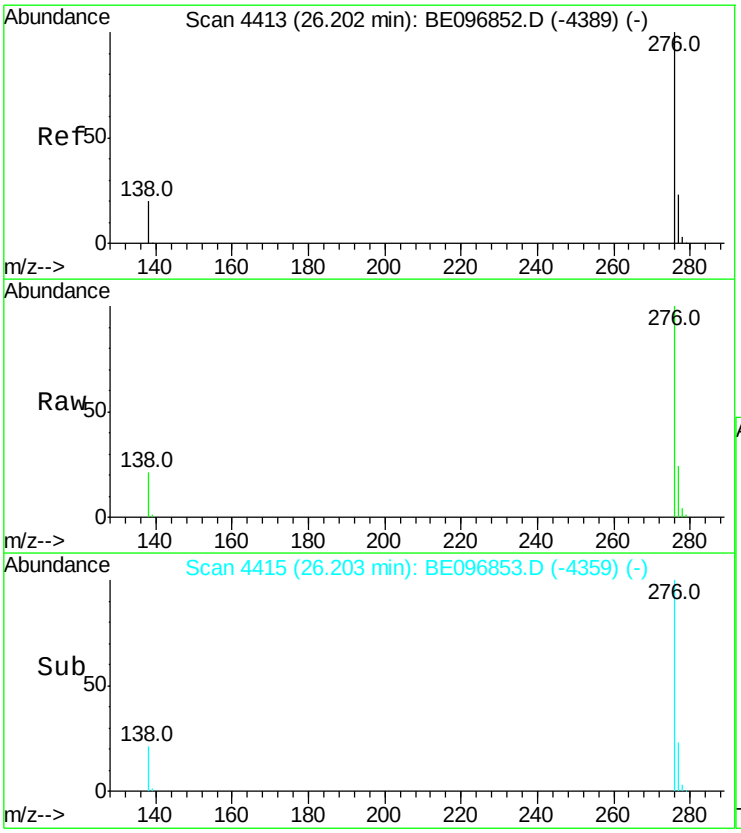
#25
Dibenzo(a,h)anthracene
Concen: 0.821 ng/ul
RT: 25.54 min Scan# 4228
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 24964

Ion	Ratio	Lower	Upper
278	100		
139	16.6	17.4	26.0#
279	24.0	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 0.746 ng/ul
RT: 26.20 min Scan# 4415
Delta R.T. 0.00 min
Lab File: BE096853.D
Acq: 6 Jul 2018 14:12

Tgt Ion:276 Resp: 29112

Ion	Ratio	Lower	Upper
276	100		
138	21.4	21.8	32.8#
277	23.6	20.5	30.7