Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096851.D
Acq On : 6 Jul 2018 12:58
Operator : SJ/JU
Sample : SSTD0.245
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 06 14:58:41 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	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	12982	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.03	164	6895	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.78	188	19955	0.40	ng/ul	0.00
16) Chrysene-d12	20.98	240	15330	0.40	ng/ul	0.00
20) Perylene-d12	23.22	264	13440	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.74	152	4159	0.19	ng/ul	0.00
14) Fluoranthene-d10	18.81	212	9648	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.19	128	6299	0.190	ng/ul#	92
5) 2-Methylnaphthalene	11.81	142	4091	0.190	ng/ul	98
7) Acenaphthylene	13.74	152	5490	0.183	ng/ul	98
8) Acenaphthene	14.09	153	4639	0.187	ng/ul#	91
9) Fluorene	15.08	166	4692	0.177	ng/ul	95
11) Pentachlorophenol	16.43	266	196	0.253	ng/ul#	90
12) Phenanthrene	16.82	178	10262	0.183	ng/ul#	90
13) Anthracene	16.91	178	8266	0.178	ng/ul#	92
15) Fluoranthene	18.84	202	10554	0.170	ng/ul	84
17) Pyrene	19.21	202	10367	0.193	ng/ul#	81
18) Benzo(a)anthracene	20.96	228	6815	0.185	ng/ul#	85
19) Chrysene	21.02	228	9601	0.187	ng/ul	97
21) Benzo(b)fluoranthene	22.54	252	6936	0.175	ng/ul	83
22) Benzo(k)fluoranthene	22.58	252	7442	0.180	ng/ul#	88
23) Benzo(a)pyrene	23.11	252	5859	0.165	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.51	276	5782	0.162	ng/ul#	79
25) Dibenzo(a,h)anthracene	25.53	278	4572	0.165	ng/ul	93
26) Benzo(g,h,i)perylene	26.20	276	5995	0.169	ng/ul	96

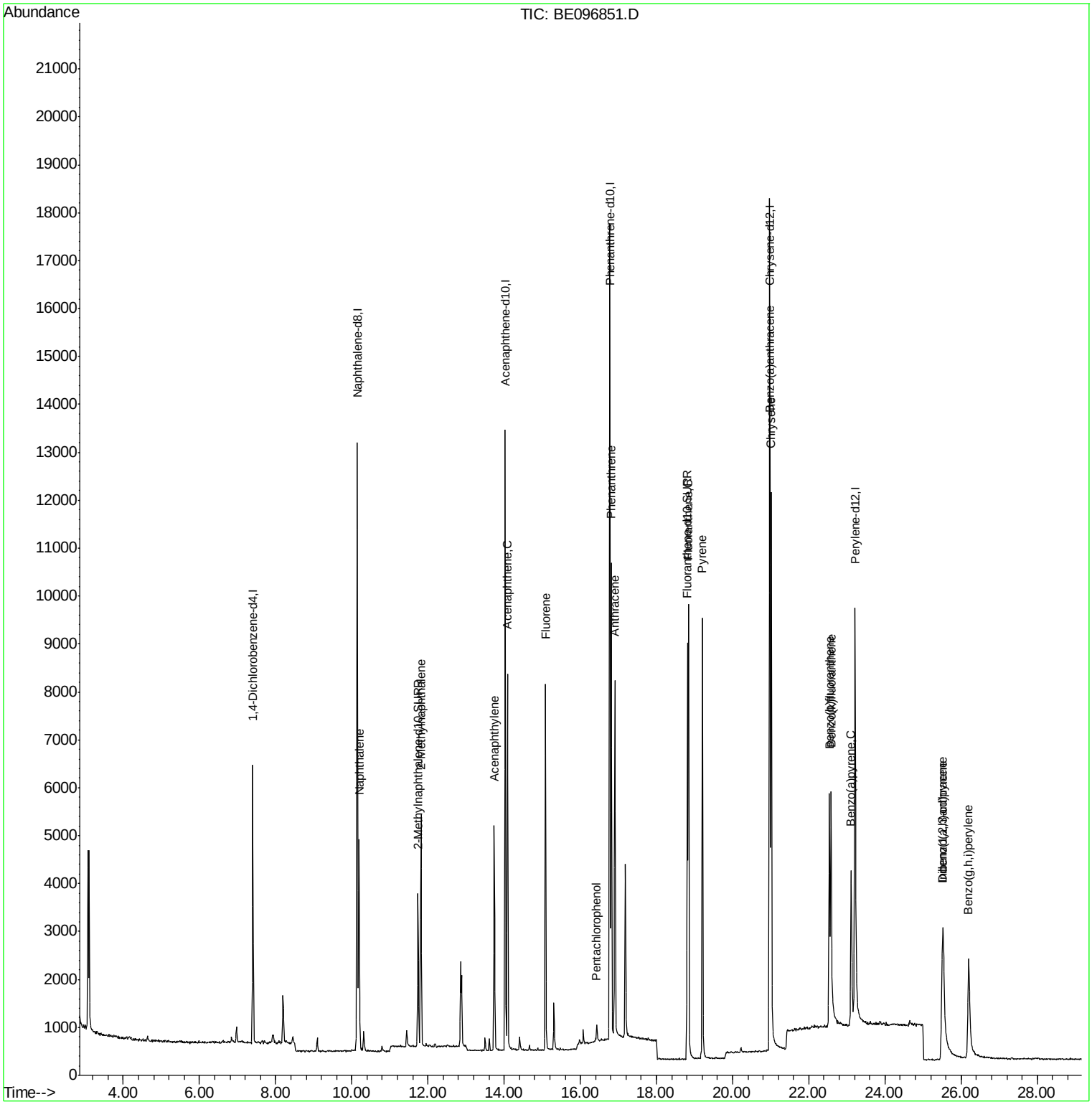
(#) = qualifier out of range (m) = manual integration (+) = signals summed

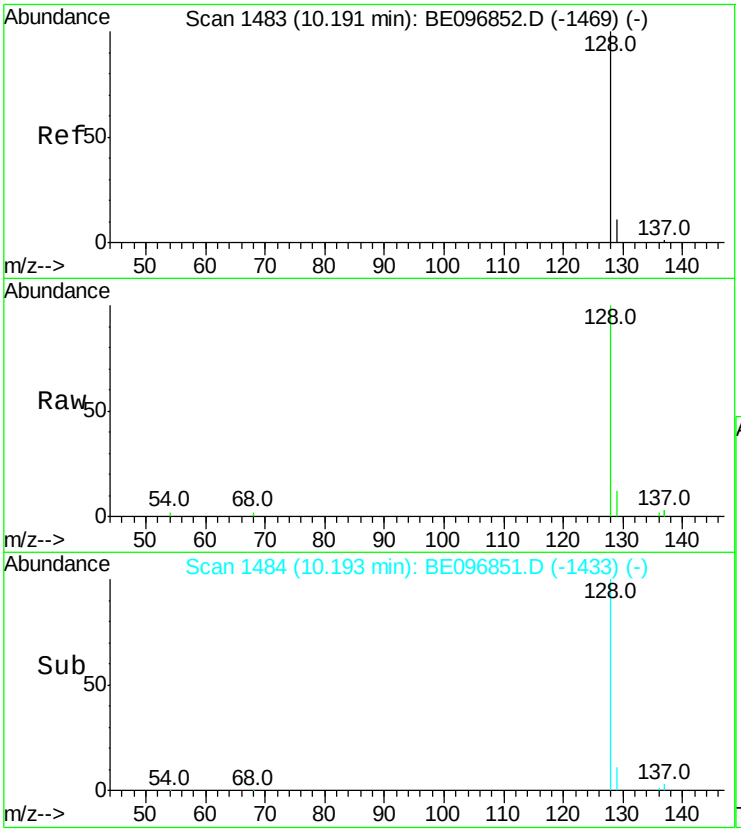
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070618\
Data File : BE096851.D
Acq On : 6 Jul 2018 12:58
Operator : SJ/JU
Sample : SSTD0.245
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 06 14:58:41 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



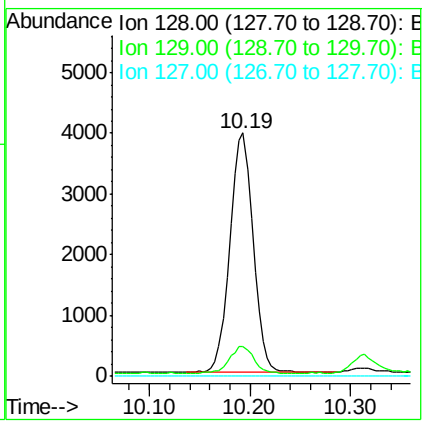


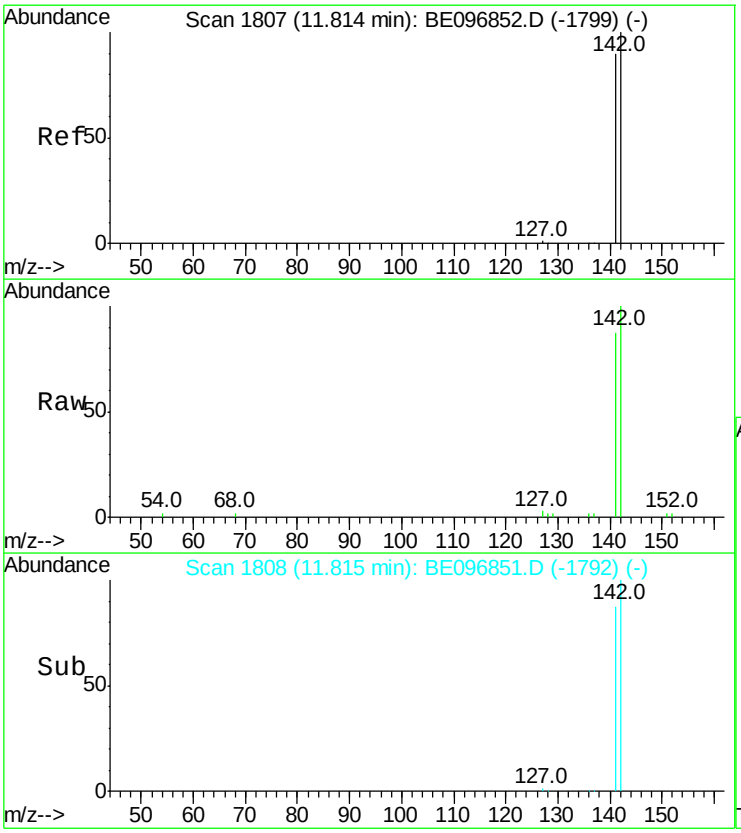
#3
Naphthalene
Concen: 0.190 ng/ul
RT: 10.19 min Scan# 1484
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:128 Resp: 6299

Ion	Ratio	Lower	Upper
128	100		
129	12.1	11.3	16.9
127	0.0	4.0	6.0#

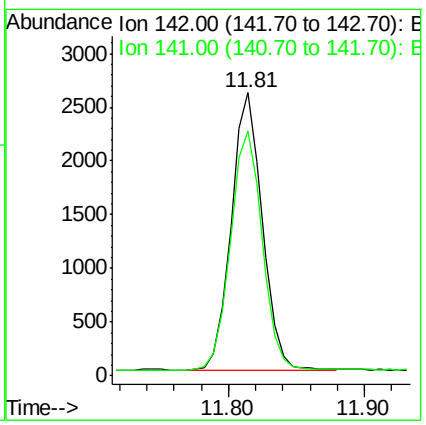


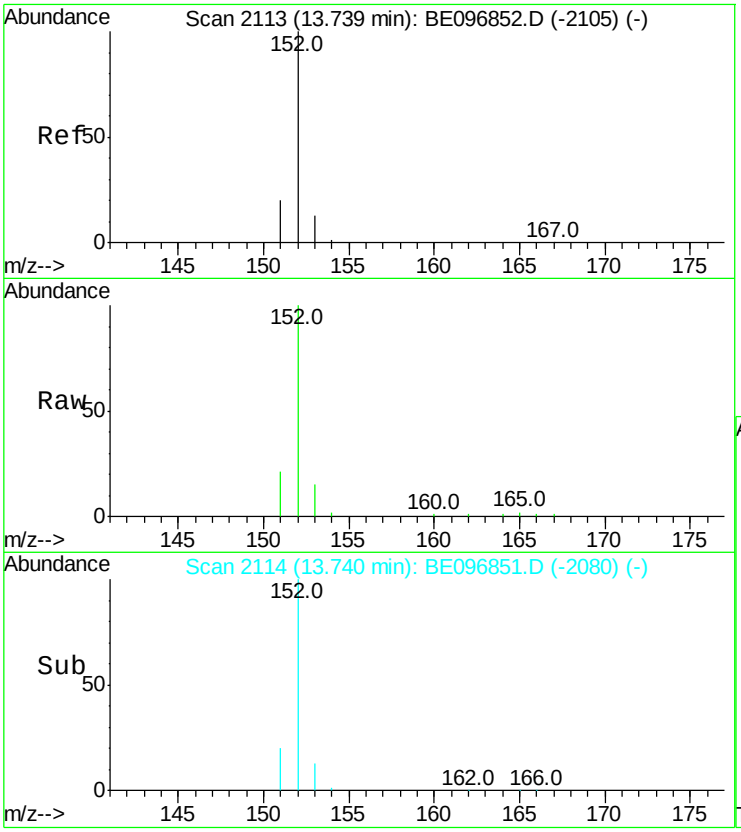


#5
2-Methylnaphthalene
Concen: 0.190 ng/ul
RT: 11.81 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:142 Resp: 4091

Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.6	108.8



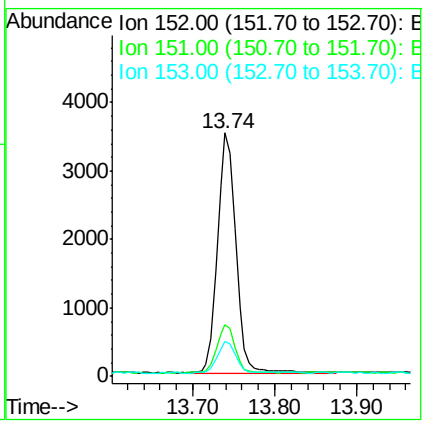


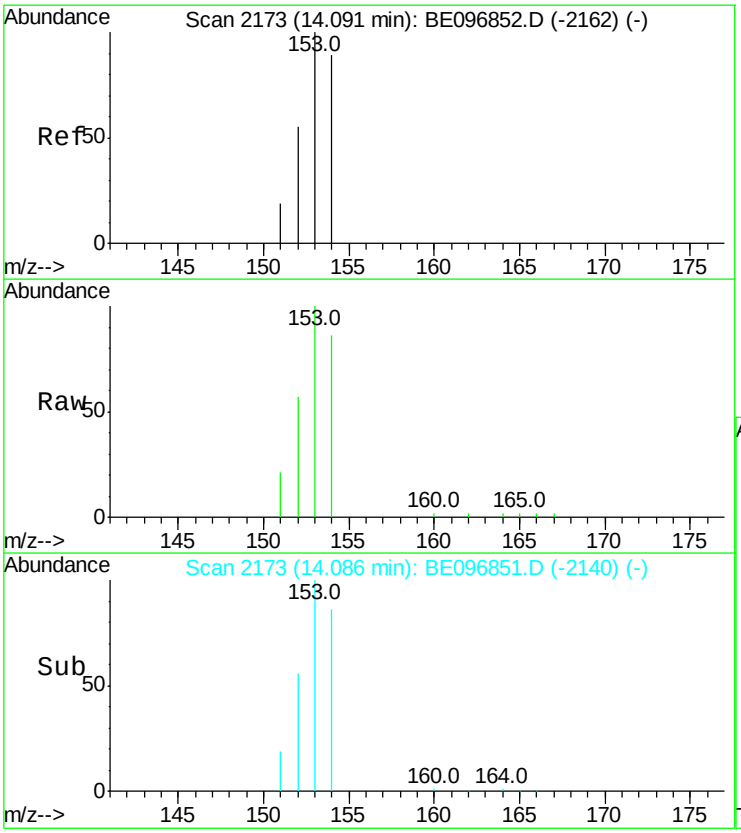
#7
Acenaphthylene
Concen: 0.183 ng/ul
RT: 13.74 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 5490

Ion	Ratio	Lower	Upper
152	100		
151	21.0	17.1	25.7
153	14.6	12.8	19.2

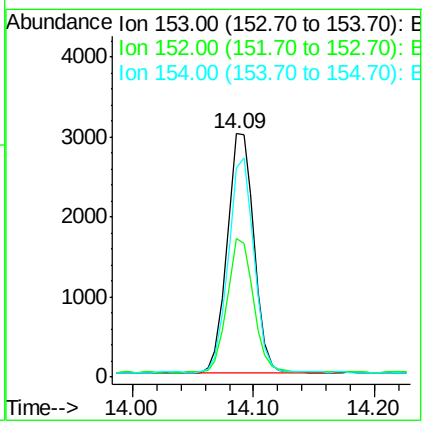


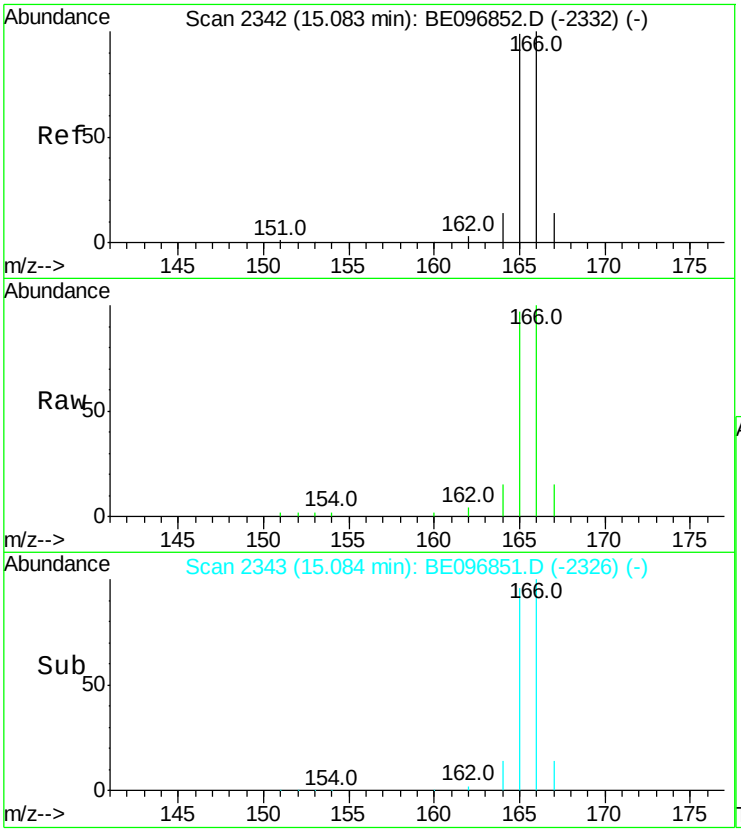


#8
Acenaphthene
Concen: 0.187 ng/ul
RT: 14.09 min Scan# 2173
Delta R.T. -0.01 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:153 Resp: 4639

Ion	Ratio	Lower	Upper
153	100		
152	57.1	36.0	54.0#
154	86.1	72.0	108.0



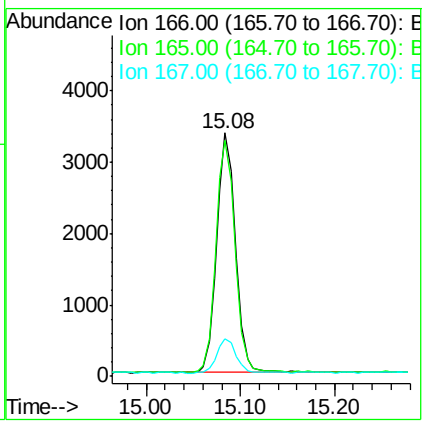


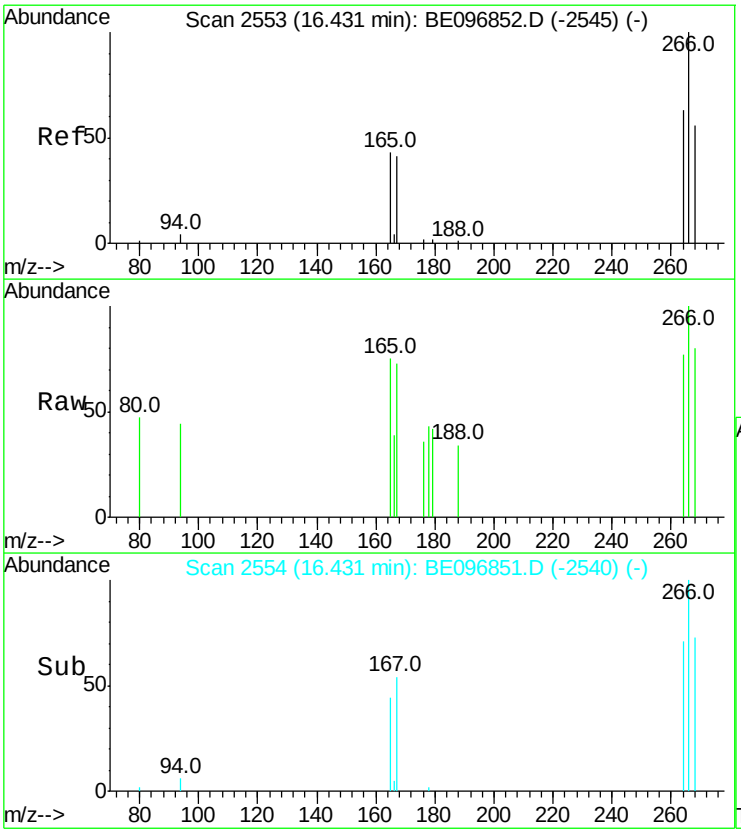
#9
Fluorene
Concen: 0.177 ng/ul
RT: 15.08 min Scan# 2343
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 4692

Ion	Ratio	Lower	Upper
166	100		
165	96.7	73.4	110.2
167	15.3	14.6	22.0

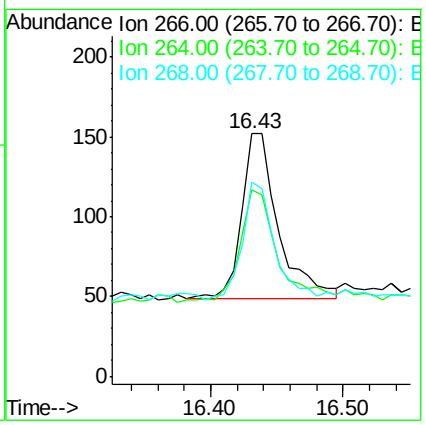


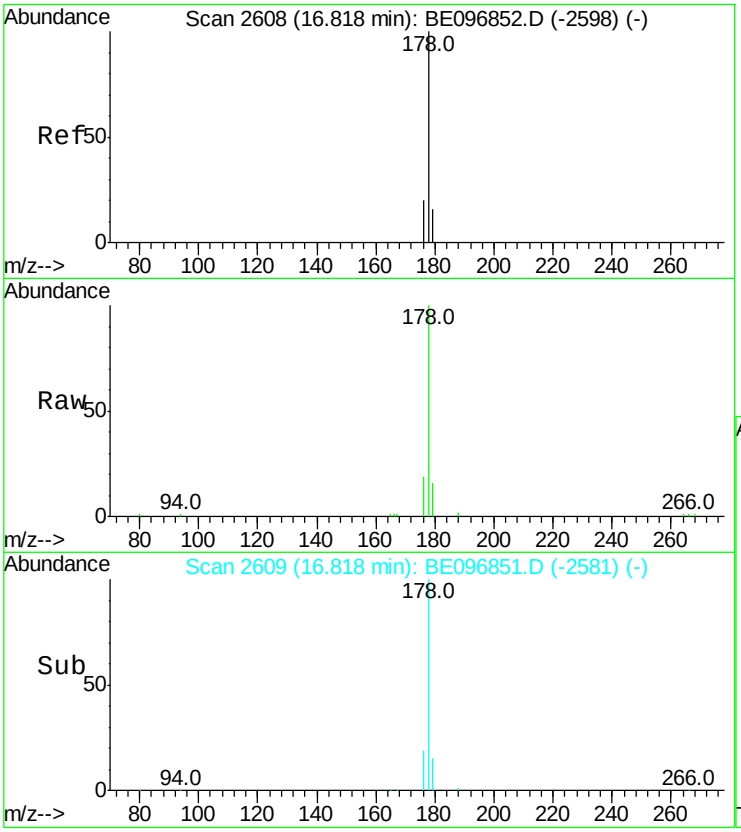


#11
Pentachlorophenol
Concen: 0.253 ng/ul
RT: 16.43 min Scan# 2554
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:266 Resp: 196

Ion	Ratio	Lower	Upper
266	100		
264	73.5	47.9	71.9#
268	64.8	49.8	74.8



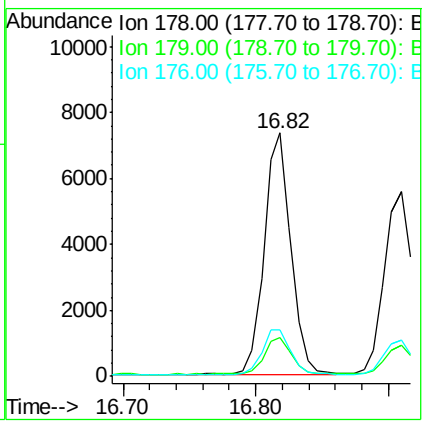


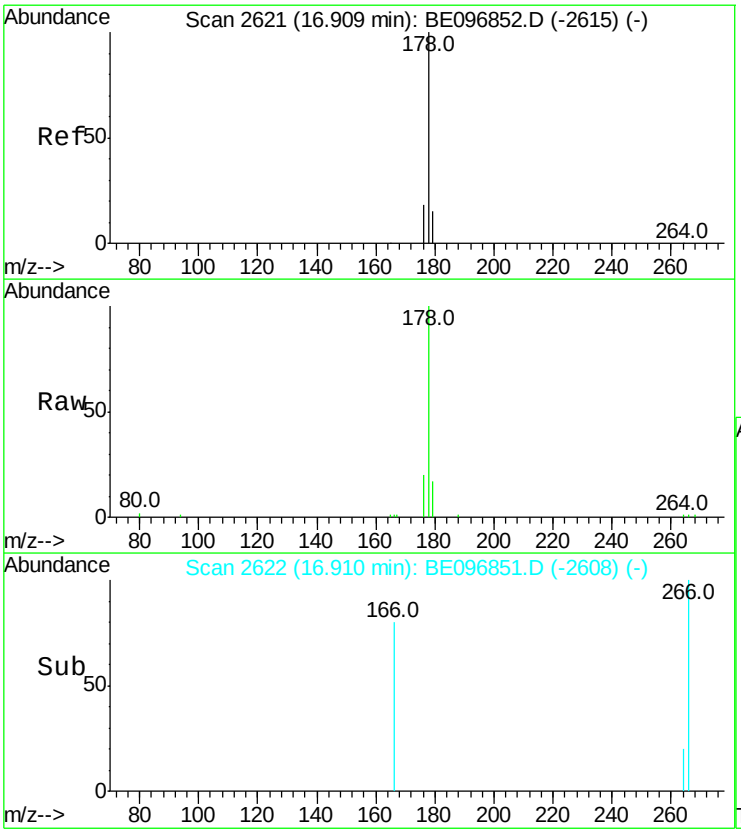
#12
Phenanthrene
Concen: 0.183 ng/ul
RT: 16.82 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 10262

Ion	Ratio	Lower	Upper
178	100		
179	16.1	18.4	27.6#
176	19.3	13.6	20.4

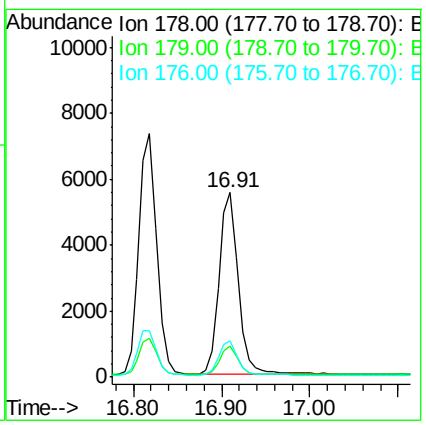


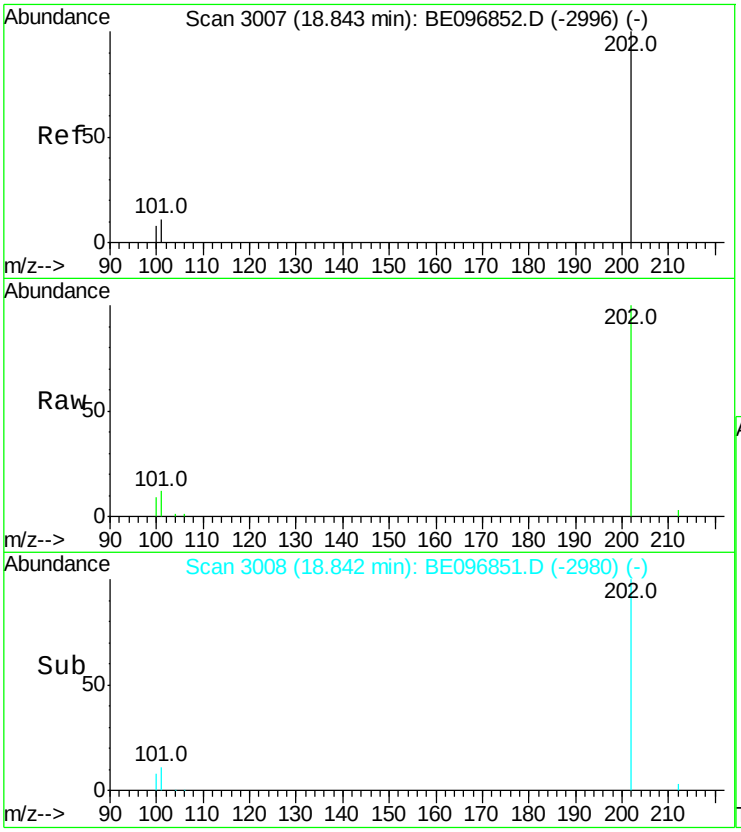


#13
Anthracene
Concen: 0.178 ng/ul
RT: 16.91 min Scan# 2622
Delta R.T. 0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:178 Resp: 8266

Ion	Ratio	Lower	Upper
178	100		
179	16.9	18.1	27.1#
176	20.0	14.7	22.1



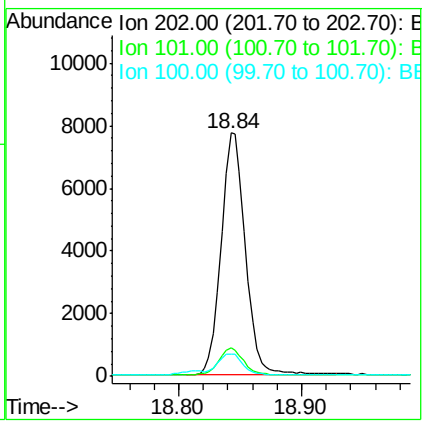


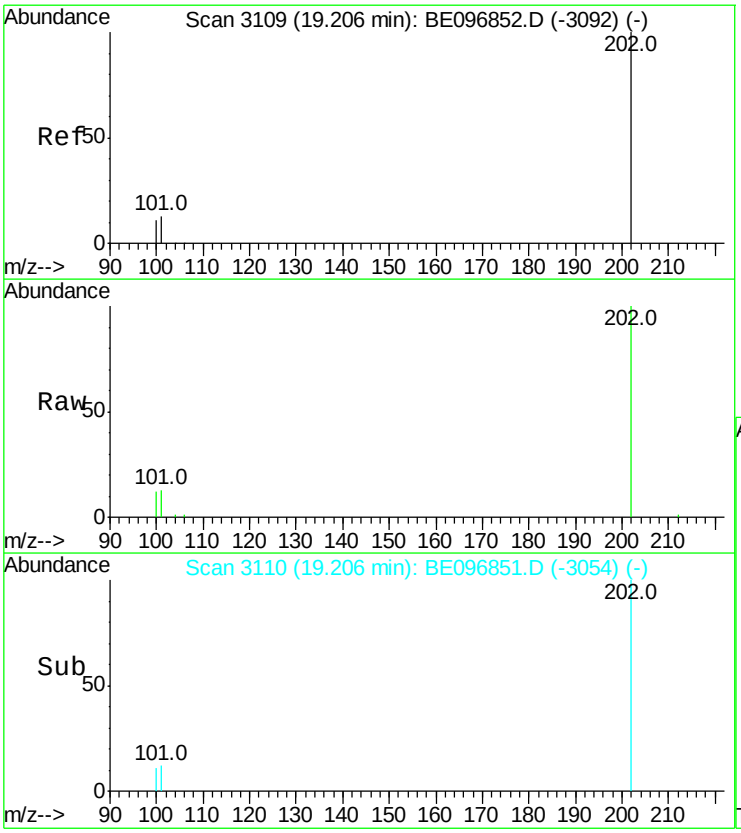
#15
Fluoranthene
Concen: 0.170 ng/ul
RT: 18.84 min Scan# 3008
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:202 Resp: 10554

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	30.3
100	9.1	0.0	39.5

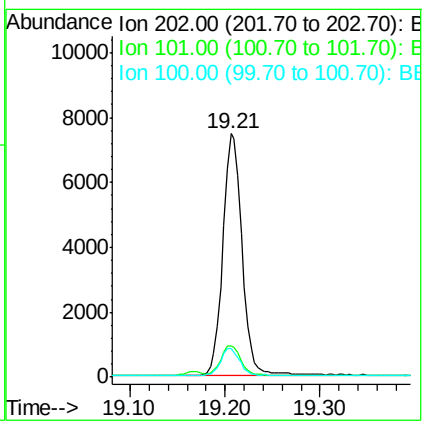


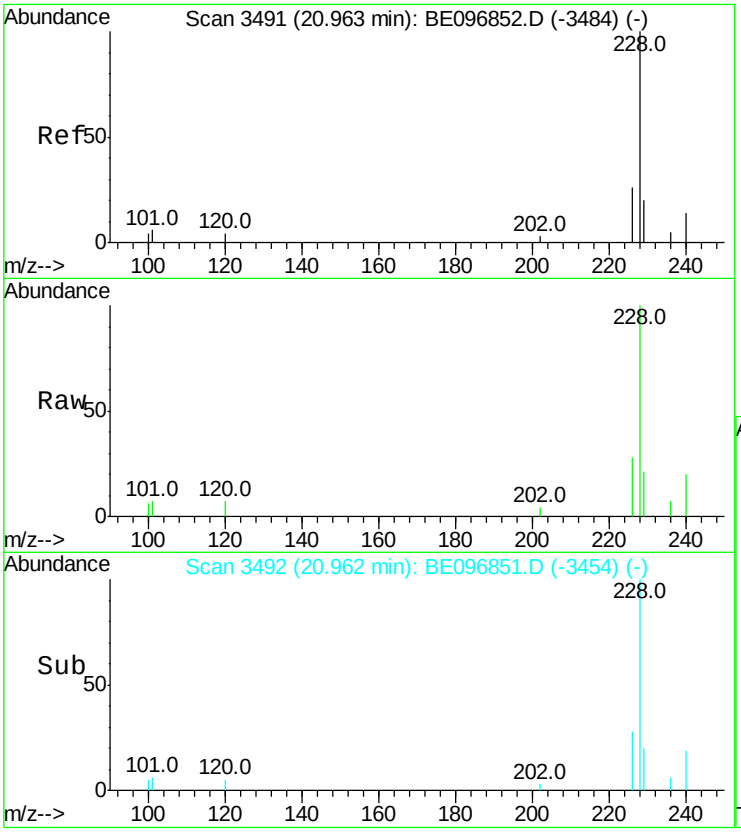


#17
Pyrene
Concen: 0.193 ng/ul
RT: 19.21 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:202 Resp: 10367

Ion	Ratio	Lower	Upper
202	100		
101	13.0	18.2	27.4#
100	11.8	15.6	23.4#



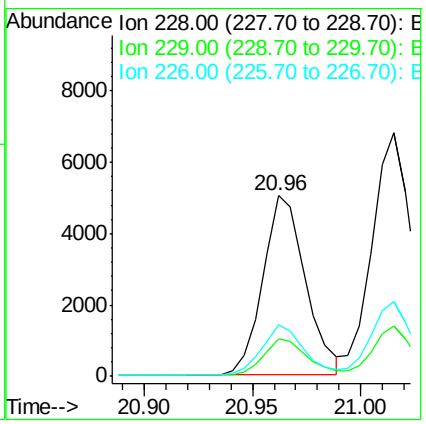


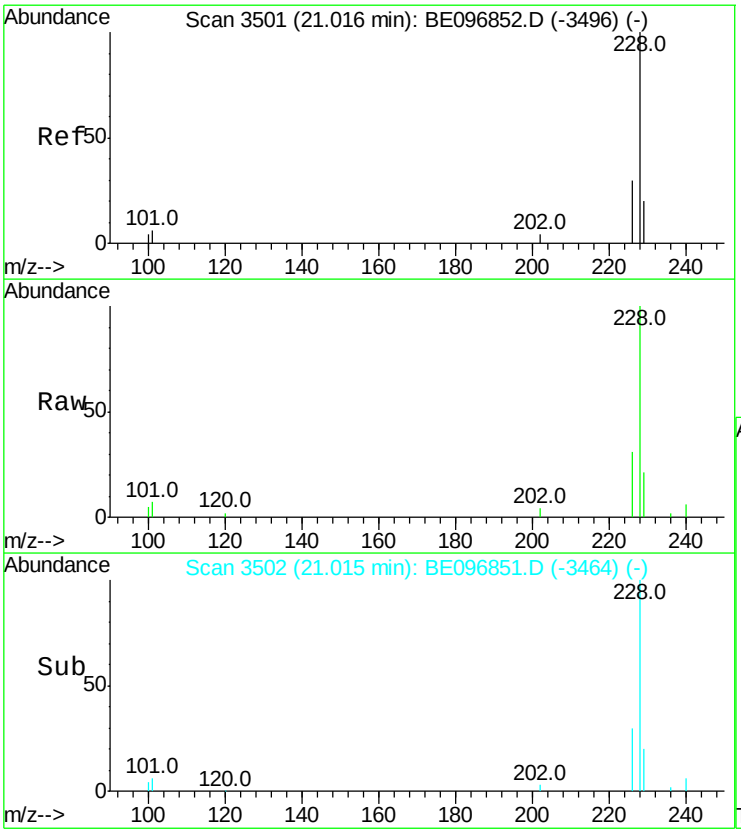
#18
Benzo(a)anthracene
Concen: 0.185 ng/ul
RT: 20.96 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 6815

Ion	Ratio	Lower	Upper
228	100		
229	20.6	22.8	34.2#
226	28.3	17.0	25.6#

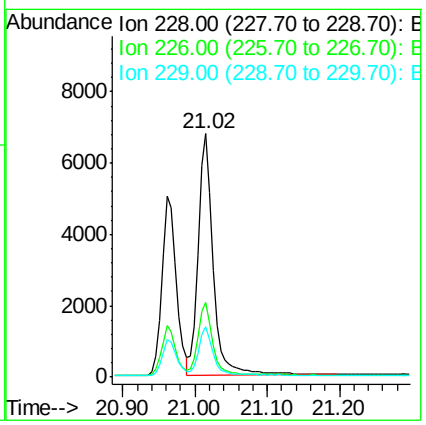


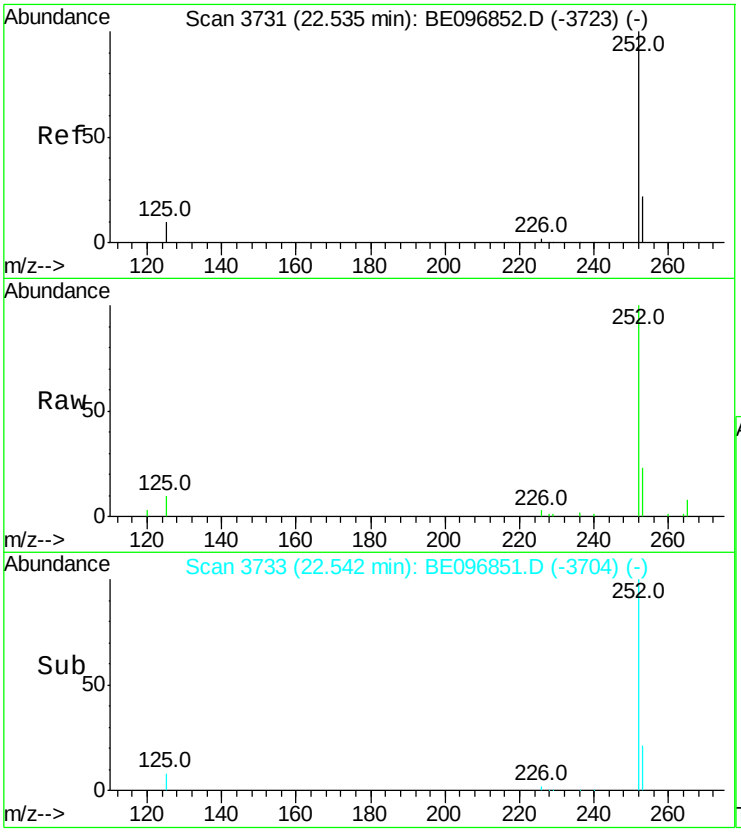


#19
Chrysene
Concen: 0.187 ng/ul
RT: 21.02 min Scan# 3502
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:228 Resp: 9601

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.4	35.0
229	20.8	17.7	26.5



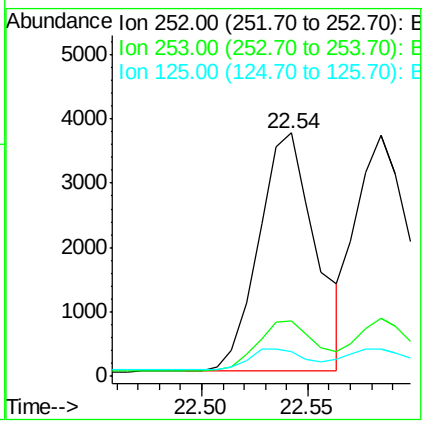


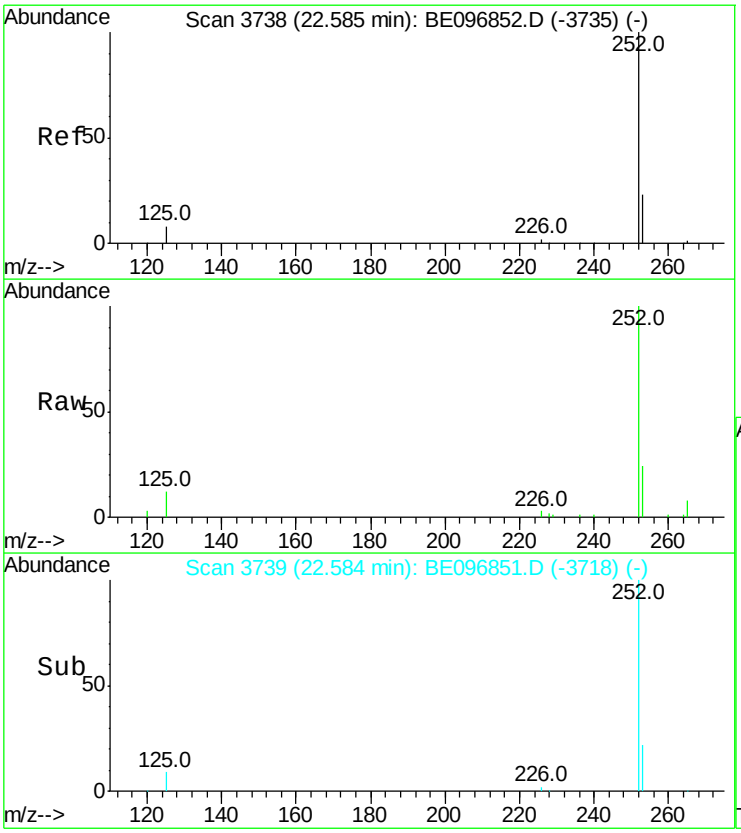
#21
Benzo(b)fluoranthene
Concen: 0.175 ng/ul
RT: 22.54 min Scan# 3733
Delta R.T. 0.01 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 6936

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

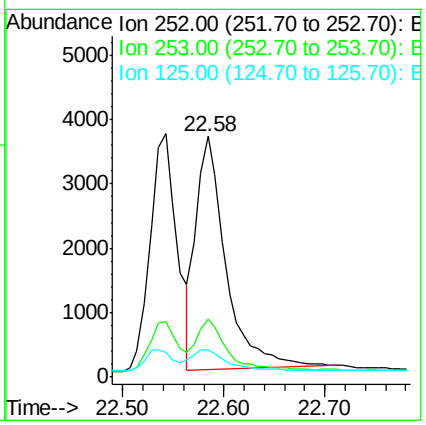


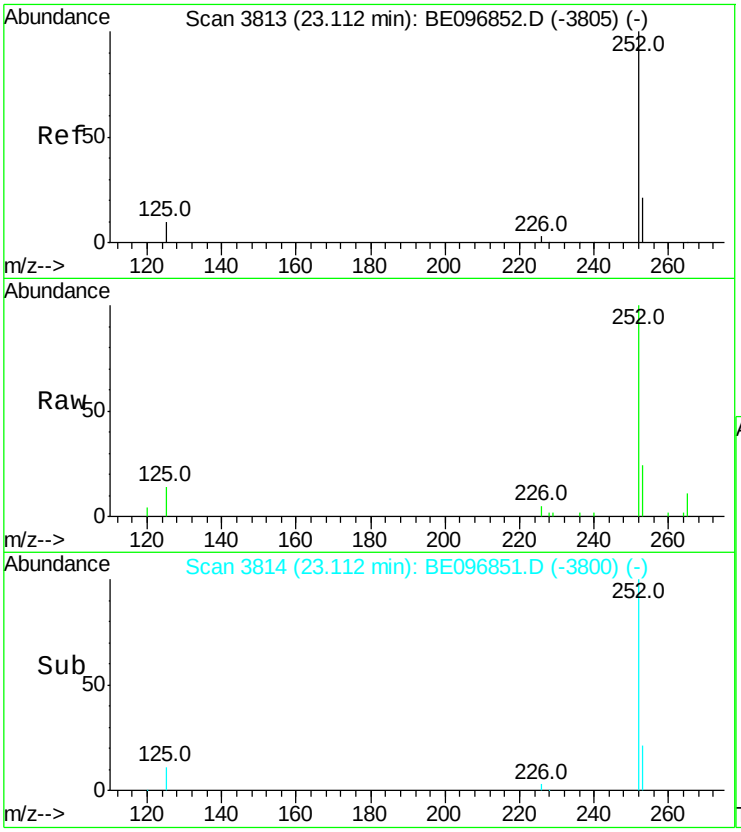


#22
Benzo(k)fluoranthene
Concen: 0.180 ng/ul
RT: 22.58 min Scan# 3739
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:252 Resp: 7442

Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.5	36.7#
125	11.5	13.7	20.5#



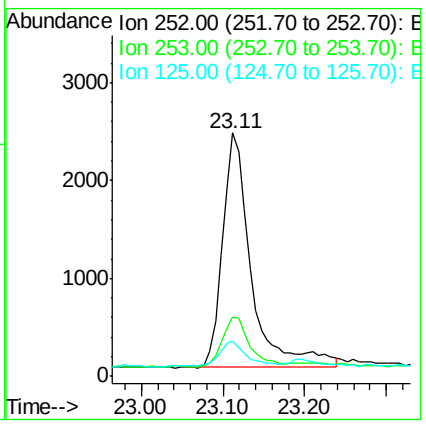


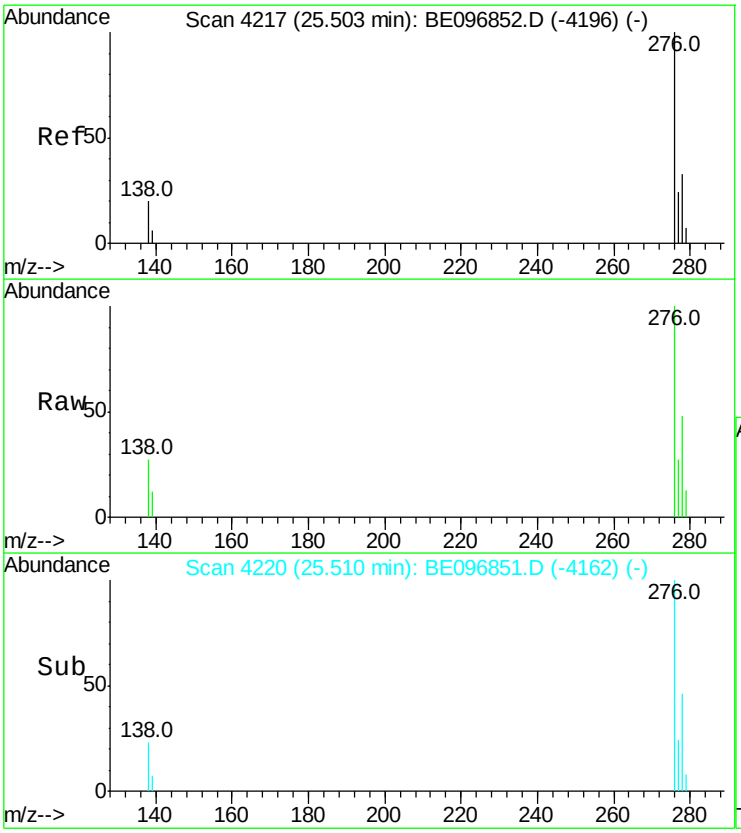
#23
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.11 min Scan# 3814
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 5859

Ion	Ratio	Lower	Upper
252	100		
253	24.3	28.5	42.7#
125	14.1	18.1	27.1#

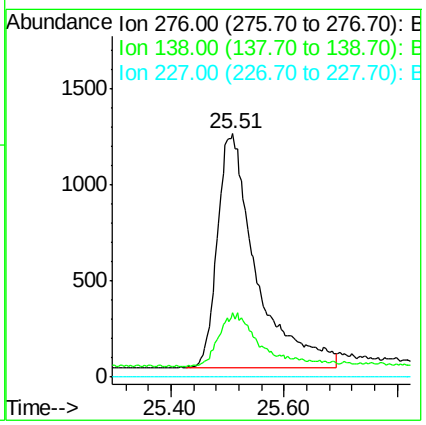


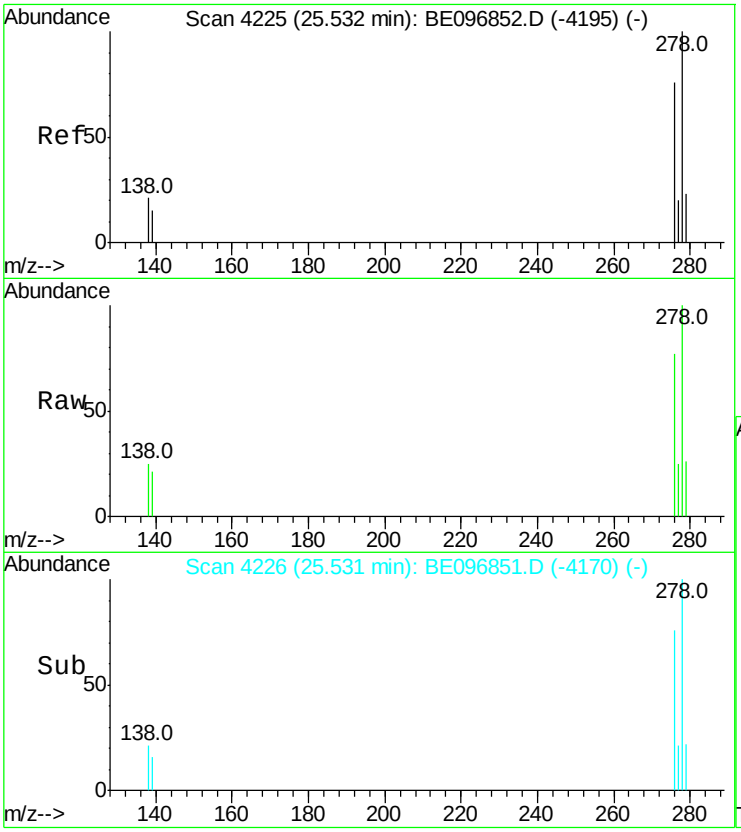


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.162 ng/ul
RT: 25.51 min Scan# 4220
Delta R.T. 0.01 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:276 Resp: 5782

Ion	Ratio	Lower	Upper
276	100		
138	24.0	28.0	42.0#
227	0.0	8.0	12.0#



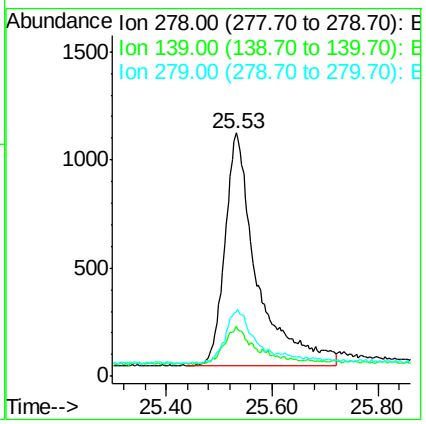


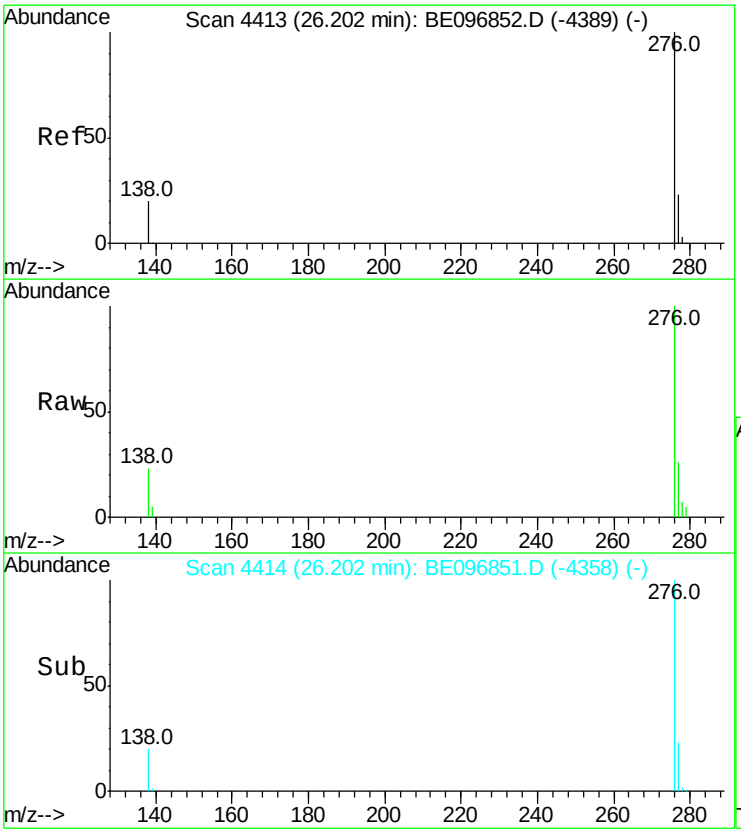
#25
Dibenzo(a,h)anthracene
Concen: 0.165 ng/ul
RT: 25.53 min Scan# 4226
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:278 Resp: 4572

Ion	Ratio	Lower	Upper
278	100		
139	20.5	17.4	26.0
279	26.3	25.9	38.9





#26
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 26.20 min Scan# 4414
Delta R.T. -0.00 min
Lab File: BE096851.D
Acq: 6 Jul 2018 12:58

Tgt Ion:276 Resp: 5995

Ion	Ratio	Lower	Upper
276	100		
138	23.1	21.8	32.8
277	26.0	20.5	30.7