Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007103.D
Acq On : 14 Aug 2016 12:14
Operator : UM/SJ
Sample : H4387-09
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-0002-01

Quant Time: Aug 15 10:26:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	385111	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1531169	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	871161	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1979064	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	2250063	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2439985	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	40857	4.63	ng/uL	0.00
5) Phenol-d5	6.98	99	853510	27.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	493944	27.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	693659	27.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	639415	24.91	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	334634	30.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	385718	32.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	704496	28.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	658316	22.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	2106174	29.26	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2608605	30.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	311781	24.17	ng/ul	0.00
57) Fluorene-d10	15.43	176	1825930	29.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	269399	24.63	ng/ul	0.00
70) Anthracene-d10	17.28	188	2762958	30.14	ng/ul	0.00
76) Pyrene-d10	19.57	212	3117845	32.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3403346	30.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	72866	2.22	ng/ul	91
44) Dimethylphthalate	13.90	163	2603341	36.19	ng/ul	99
47) Acenaphthylene	14.16	152	462114	5.19	ng/ul	99
58) Fluorene	15.49	166	84722	1.22	ng/ul	96
69) Phenanthrene	17.23	178	1331616	12.51	ng/ul	99
71) Anthracene	17.32	178	379273	3.47	ng/ul	100
74) Fluoranthene	19.24	202	2779969	21.53	ng/ul	99
77) Pyrene	19.60	202	3440940	27.66	ng/ul	99
80) Benzo(a)anthracene	21.35	228	1864896	14.03	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.29	149	133413	1.86	ng/ul	98
82) Chrysene	21.40	228	1900518	15.64	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	2322762	15.80	ng/ul	97
86) Benzo(k)fluoranthene	22.96	252	2322762	16.83	ng/ul	98
88) Benzo(a)pyrene	23.54	252	1803364	12.94	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.94	276	1189767	6.97	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	323014	2.25	ng/ul#	84
91) Benzo(g,h,i)perylene	26.64	276	1141819	7.91	ng/ul	99

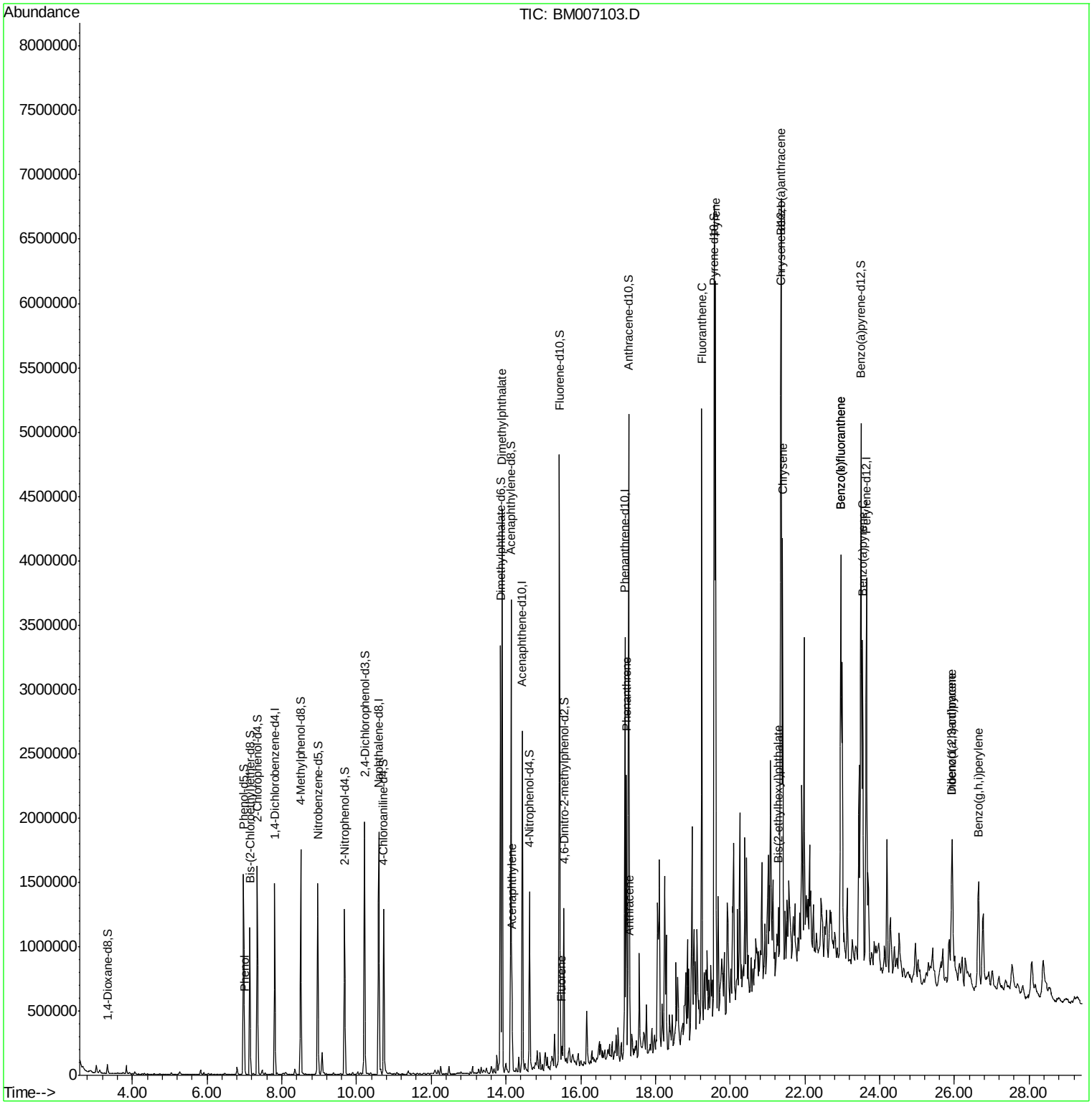
(#) = qualifier out of range (m) = manual integration (+) = signals summed

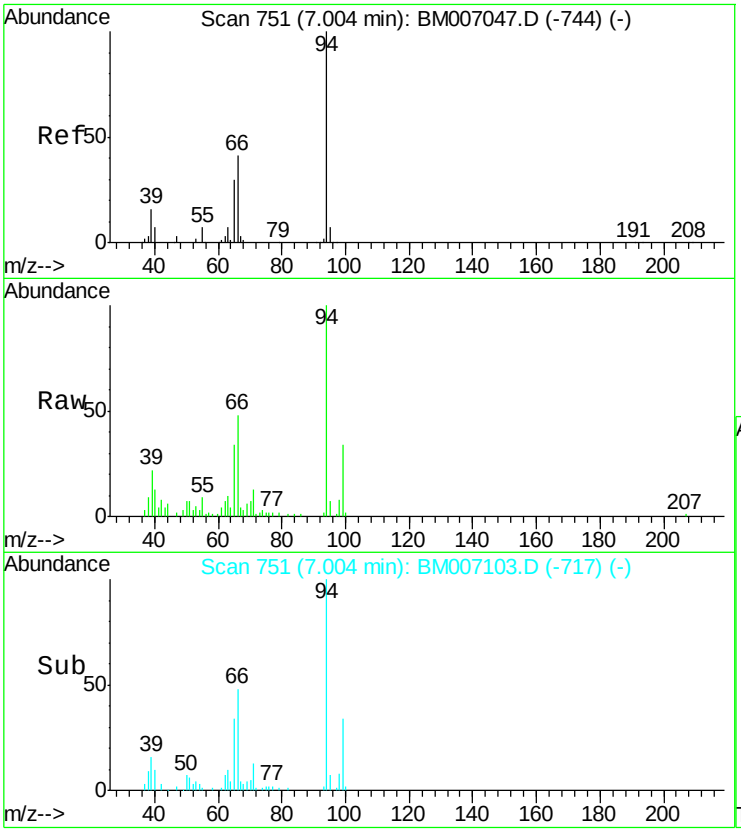
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007103.D
Acq On : 14 Aug 2016 12:14
Operator : UM/SJ
Sample : H4387-09
Misc :
ALS Vial : 68 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Quant Time: Aug 15 10:26:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 13 00:47:53 2016
Response via : Initial Calibration



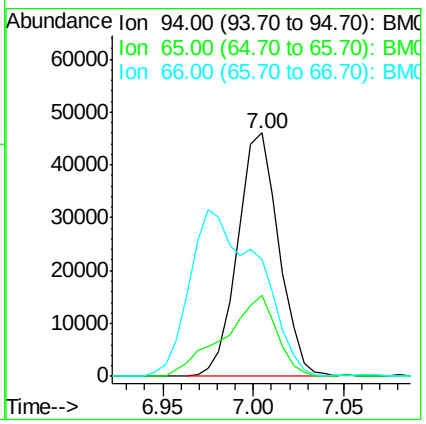


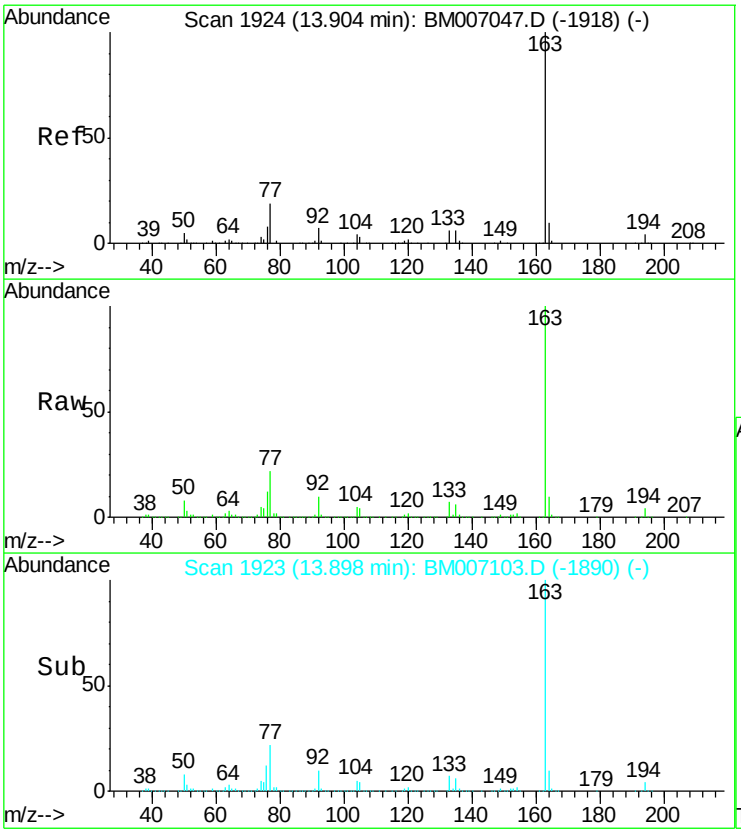
#6
Phenol
Concen: 2.22 ng/ul
RT: 7.00 min Scan# 751
Delta R.T. 0.00 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion: 94 Resp: 72866

Ion	Ratio	Lower	Upper
94	100		
65	33.5	23.9	35.9
66	48.1	33.5	50.3

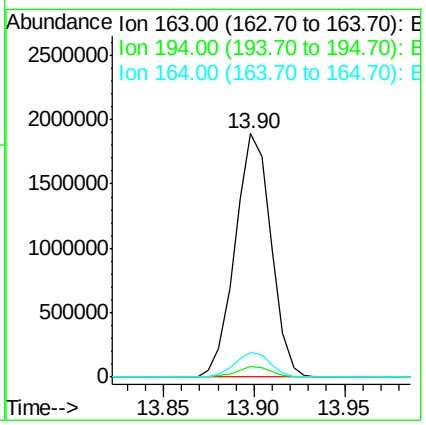


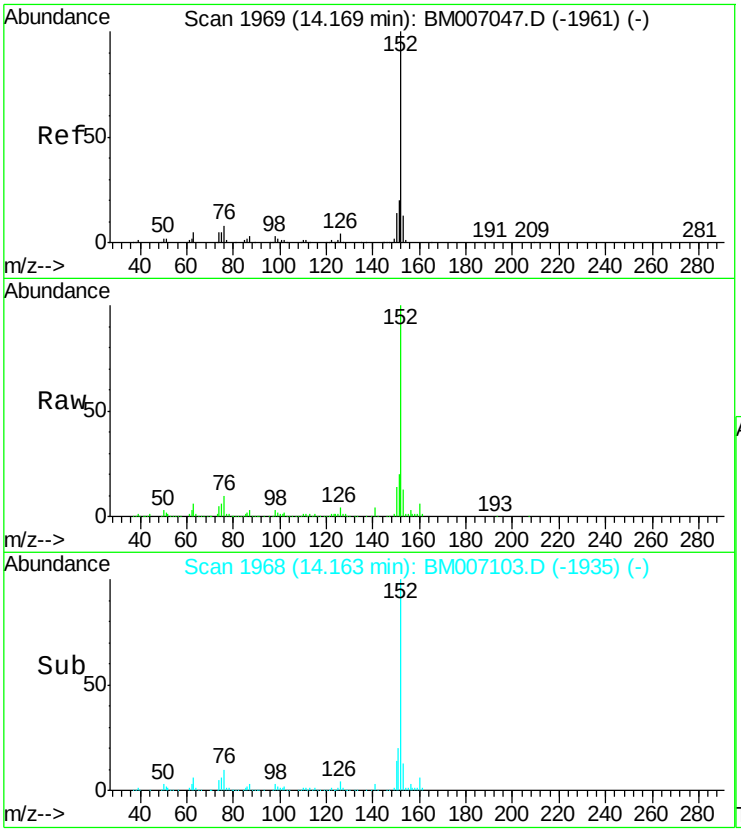


#44
Dimethylphthalate
Concen: 36.19 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:163 Resp: 2603341

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.2	7.8	11.8



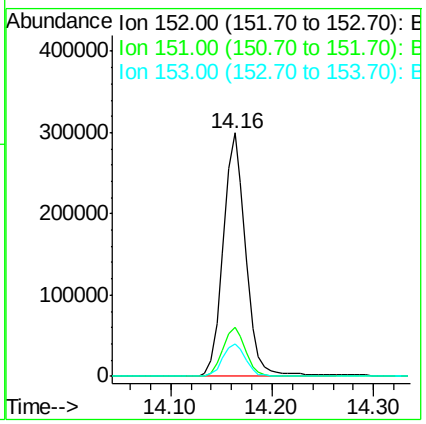


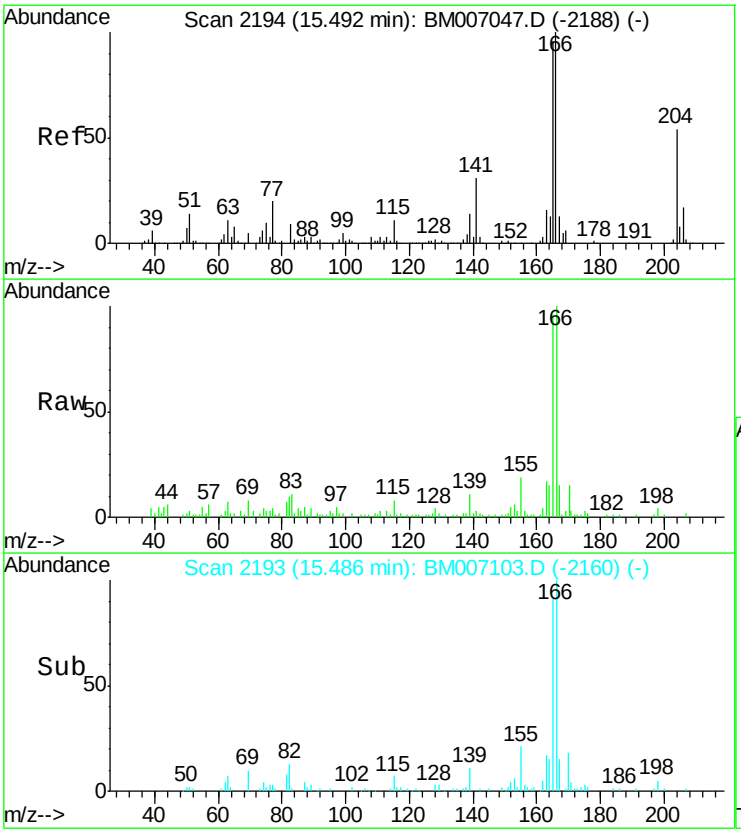
#47
Acenaphthylene
Concen: 5.19 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:152 Resp: 462114

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.3	11.0	16.6

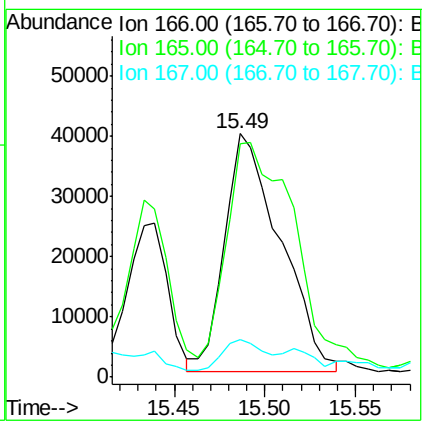


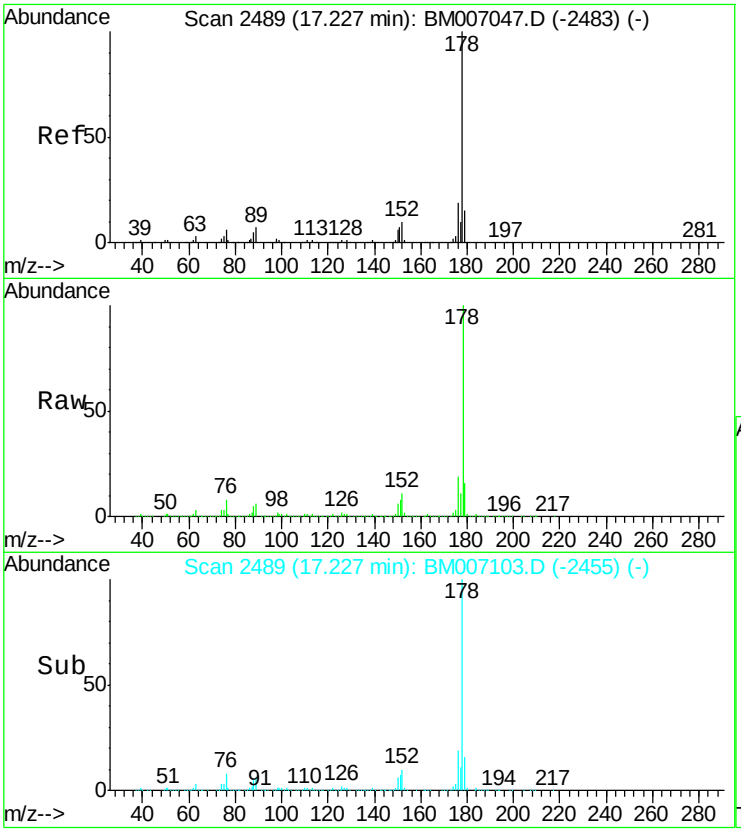


#58
Fluorene
Concen: 1.22 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:166 Resp: 84722

Ion	Ratio	Lower	Upper
166	100		
165	96.0	79.9	119.9
167	15.4	10.5	15.7



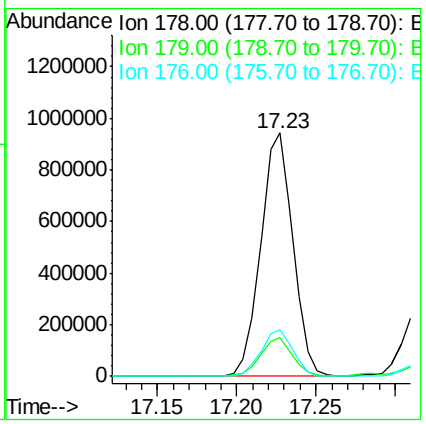


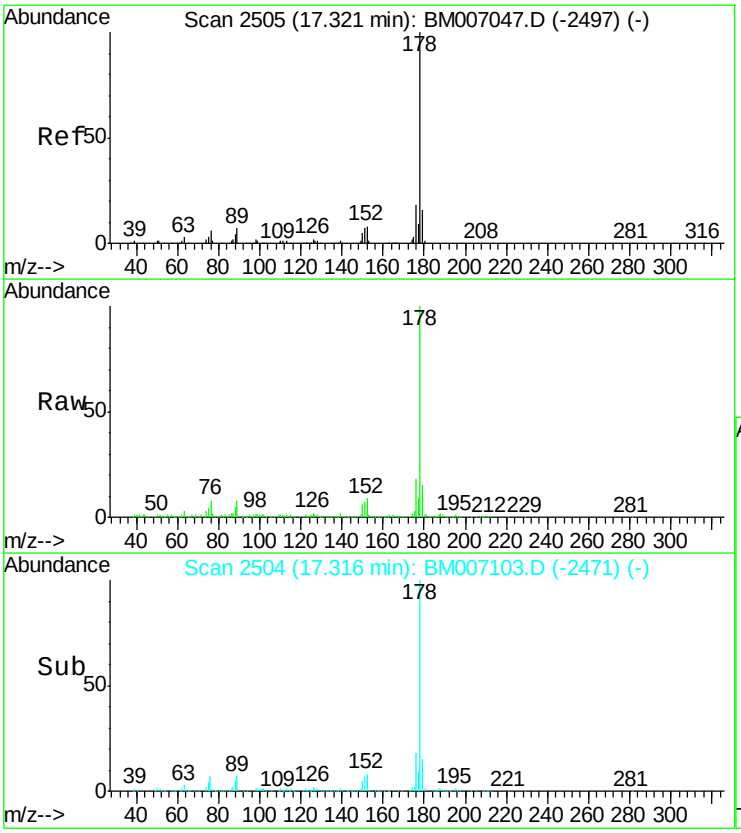
#69
Phenanthrene
Concen: 12.51 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. 0.00 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:178 Resp: 1331616

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	19.3	15.1	22.7

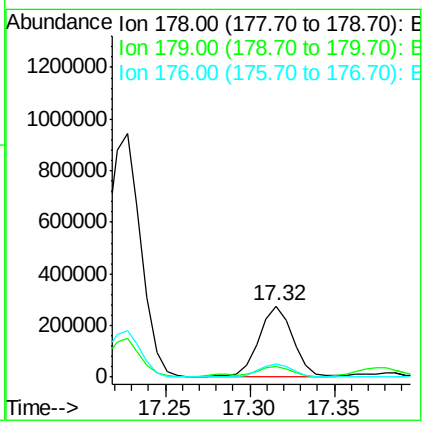


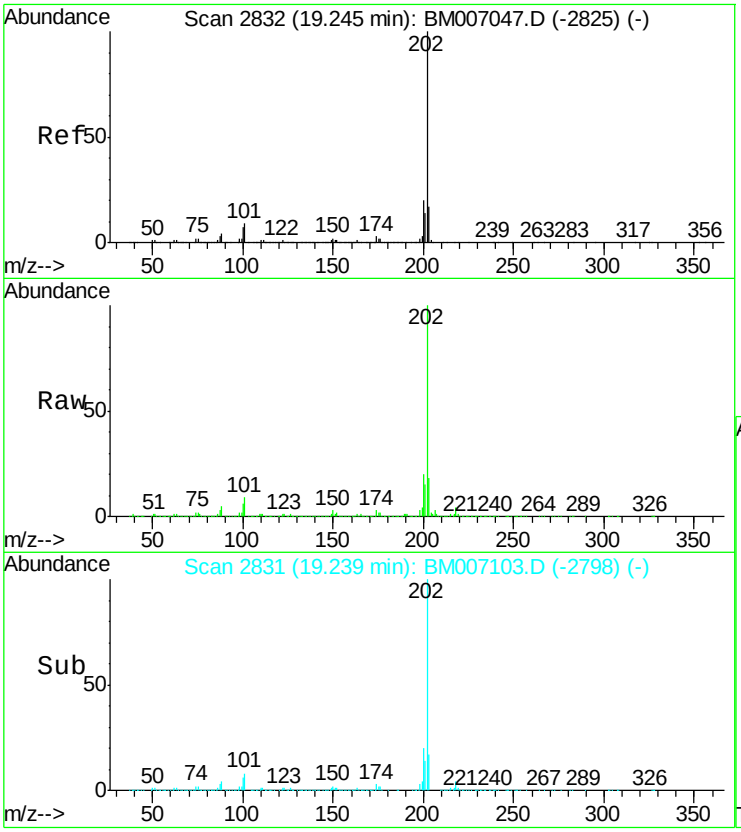


#71
Anthracene
Concen: 3.47 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:178 Resp: 379273

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.1	14.5	21.7



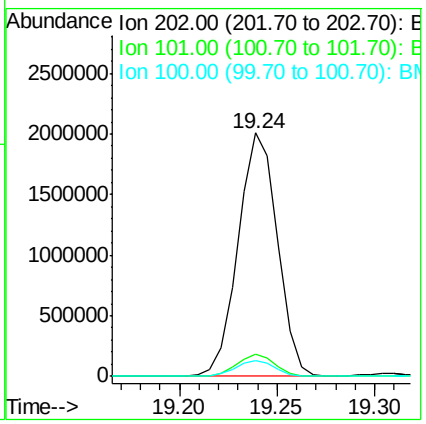


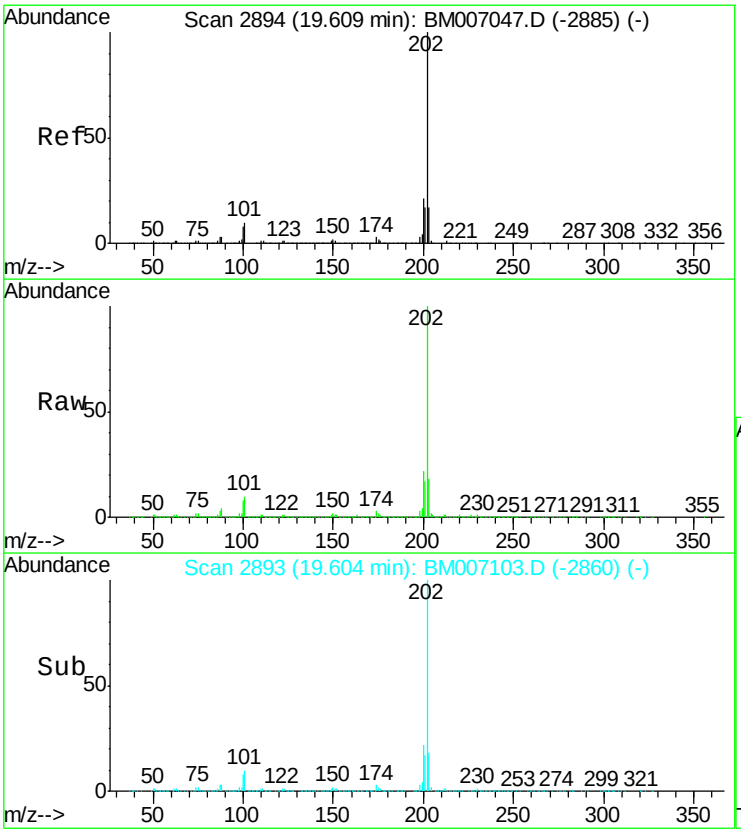
#74
Fluoranthene
Concen: 21.53 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:202 Resp: 2779969

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.9	10.3
100	6.5	5.4	8.0

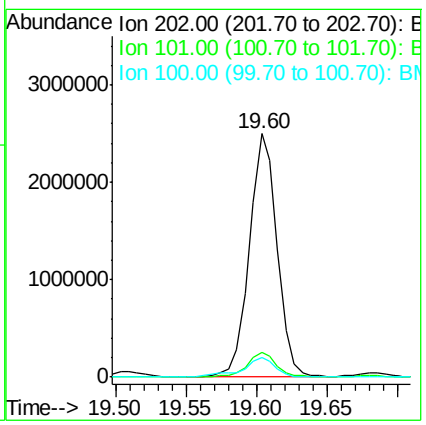


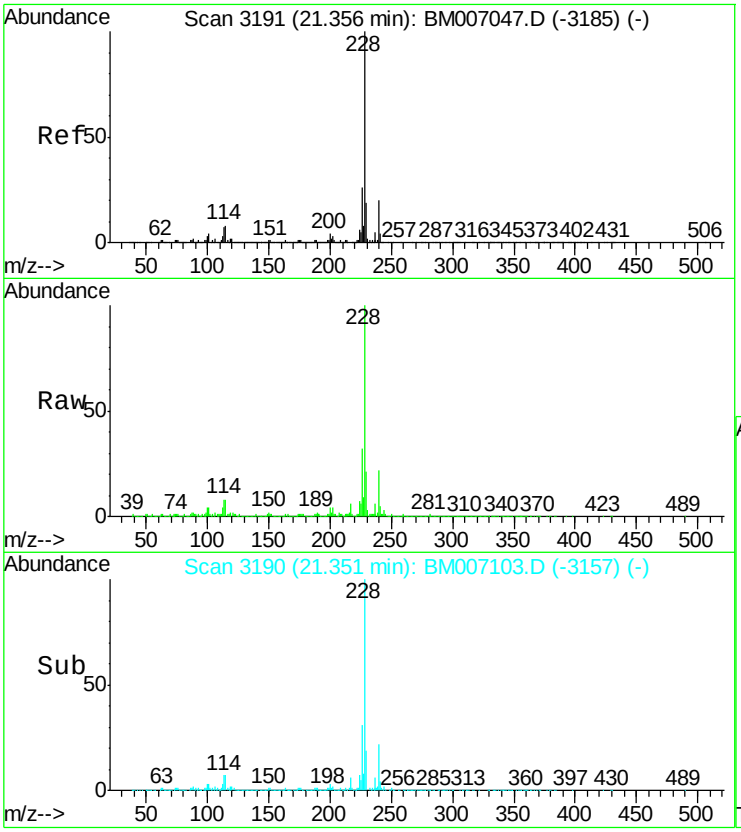


#77
Pyrene
Concen: 27.66 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:202 Resp: 3440940

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	8.2	6.9	10.3



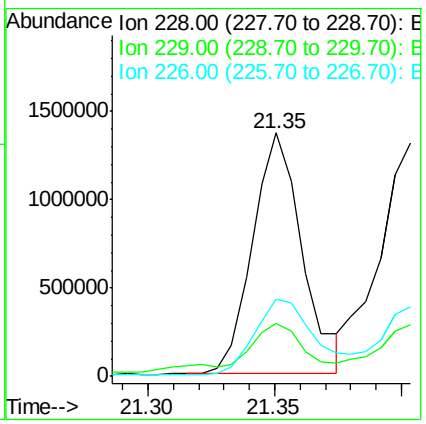


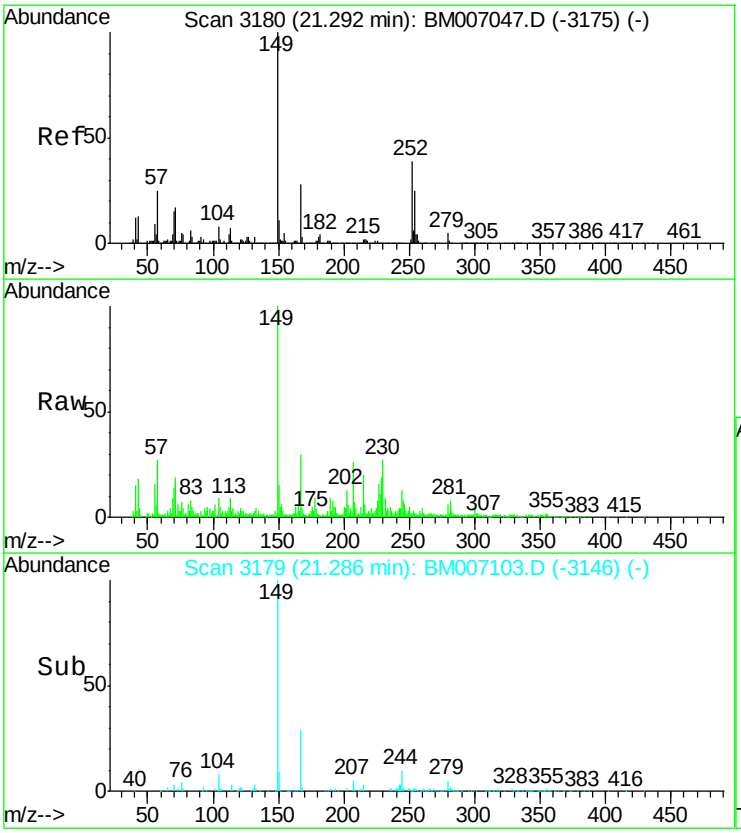
#80
Benzo(a)anthracene
Concen: 14.03 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:228 Resp: 1864896

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	31.9	21.8	32.8

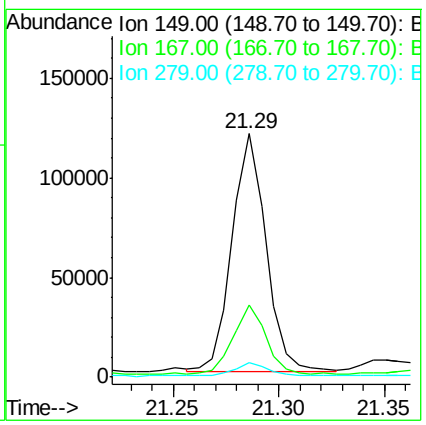


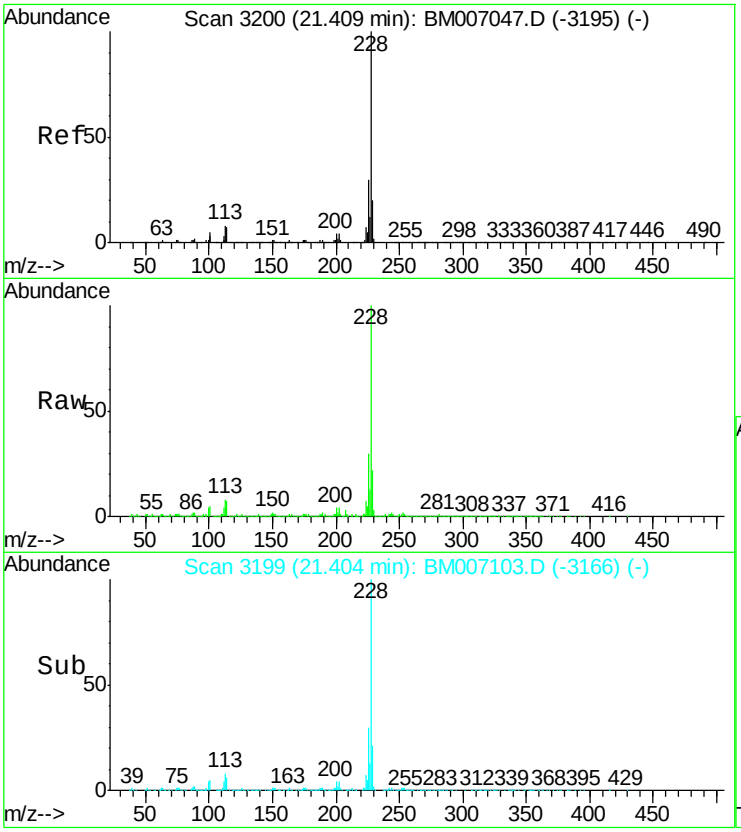


#81
Bis(2-ethylhexyl)phthalate
Concen: 1.86 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:149 Resp: 133413

Ion	Ratio	Lower	Upper
149	100		
167	29.8	23.2	34.8
279	5.7	4.1	6.1



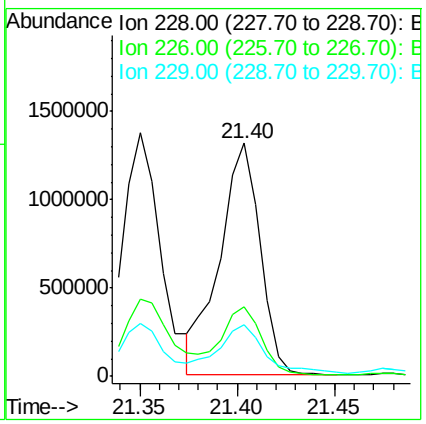


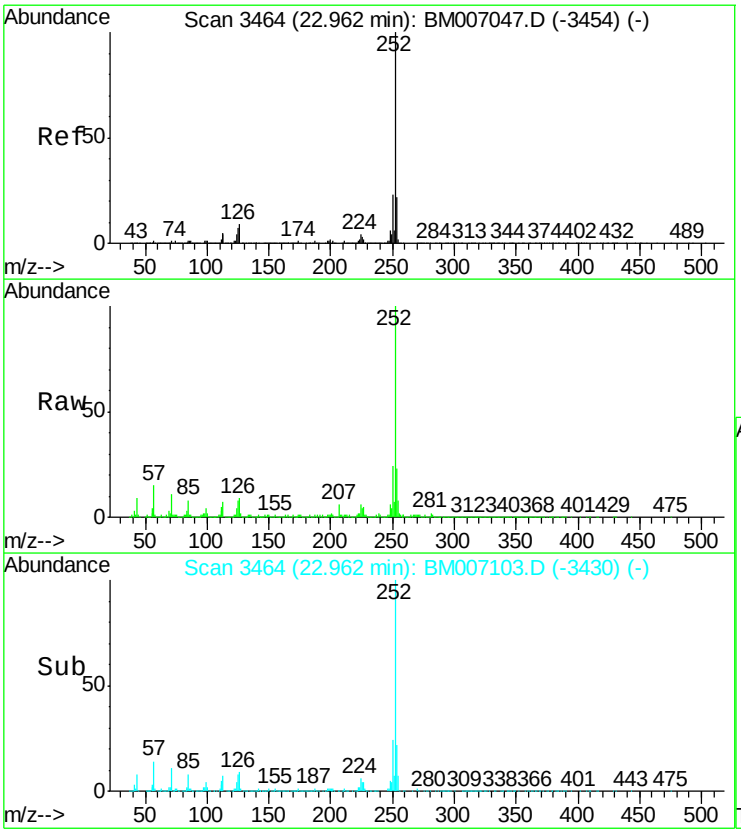
#82
Chrysene
Concen: 15.64 ng/ul
RT: 21.40 min Scan# 3199
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:228 Resp: 1900518

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	21.9	15.5	23.3

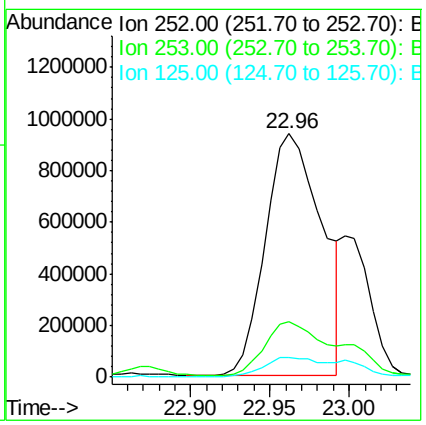


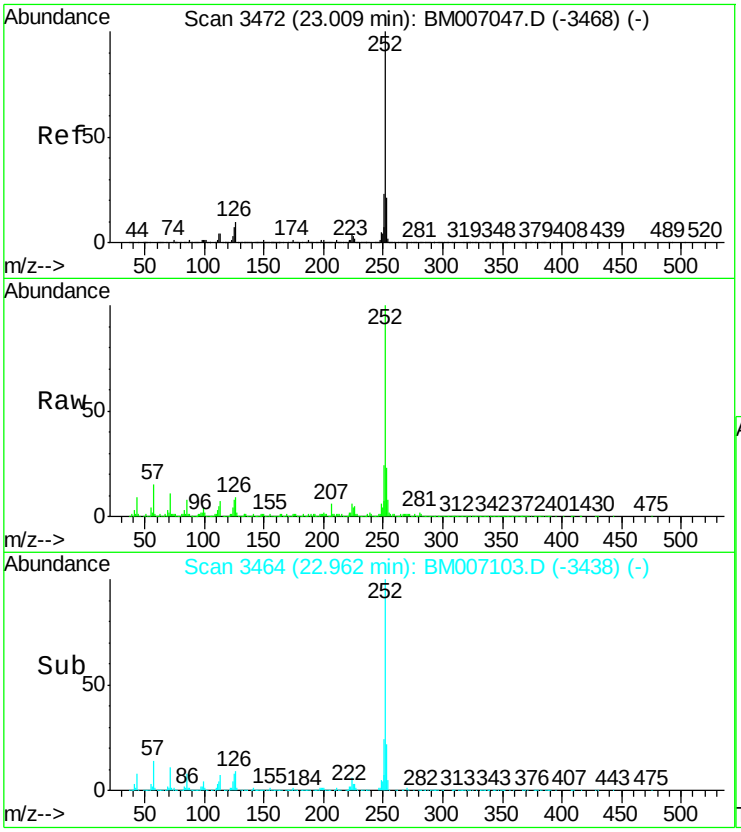


#85
Benzo(b)fluoranthene
Concen: 15.80 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:252 Resp: 2322762

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.3	5.8	8.8



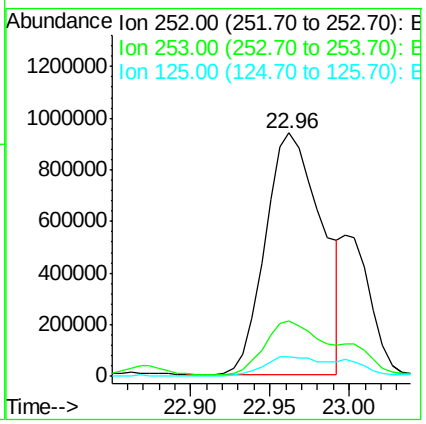


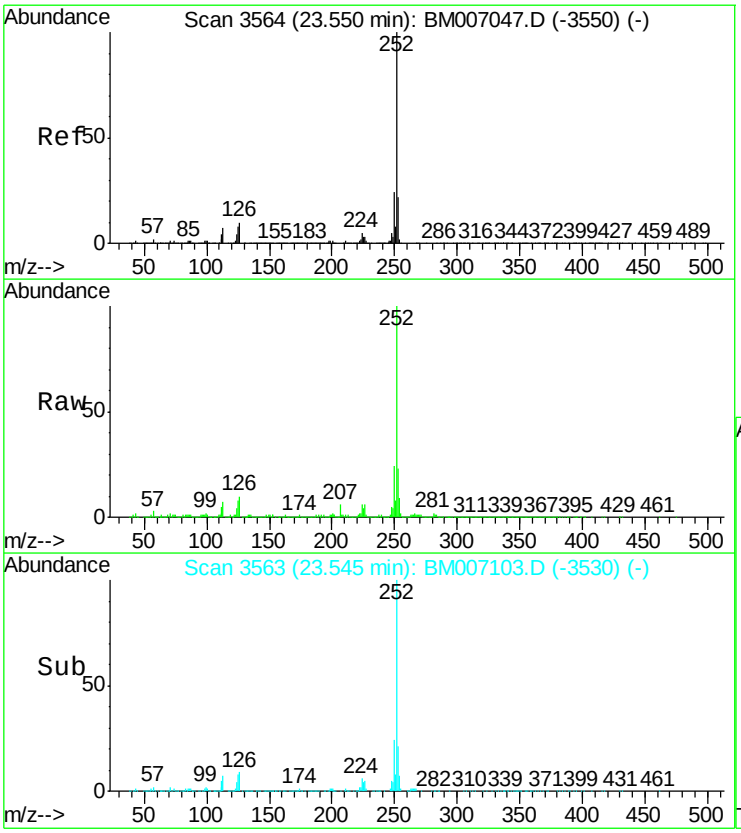
#86
Benzo(k)fluoranthene
Concen: 16.83 ng/ul
RT: 22.96 min Scan# 3464
Delta R.T. -0.05 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:252 Resp: 2322762

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	8.3	5.7	8.5

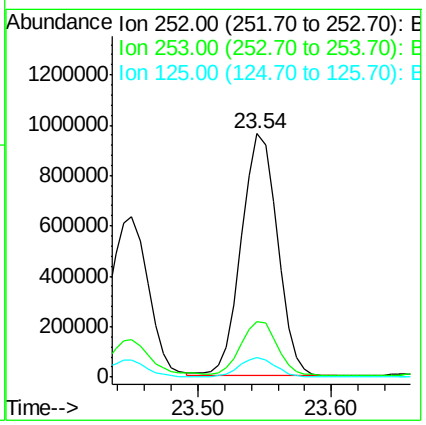


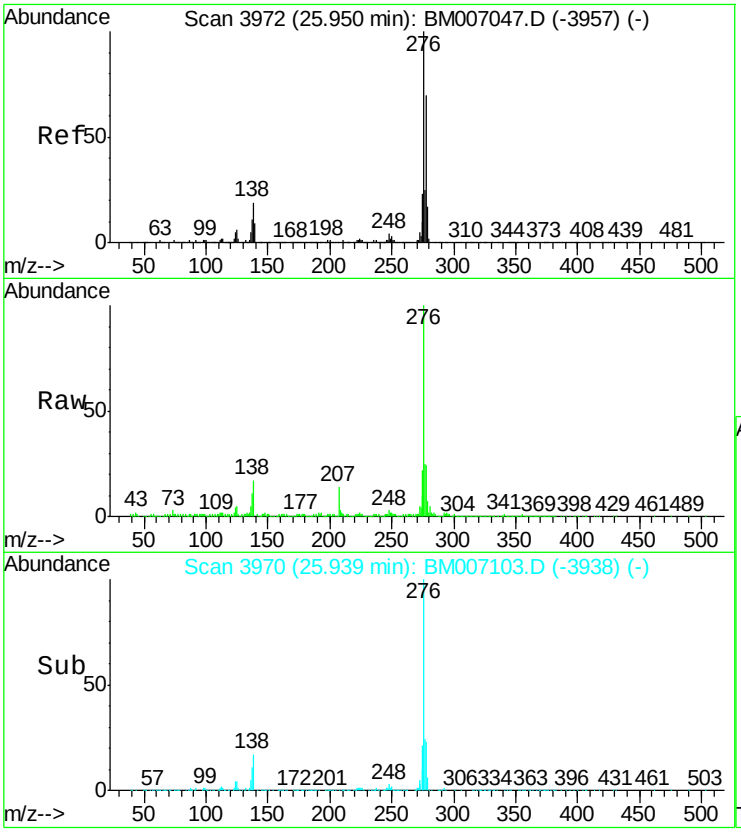


#88
Benzo(a)pyrene
Concen: 12.94 ng/ul
RT: 23.54 min Scan# 3563
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:252 Resp: 1803364

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	8.0	6.6	9.8



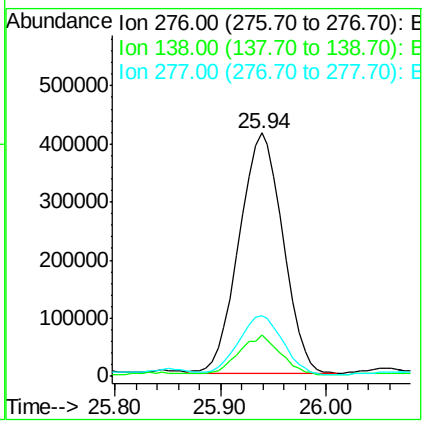


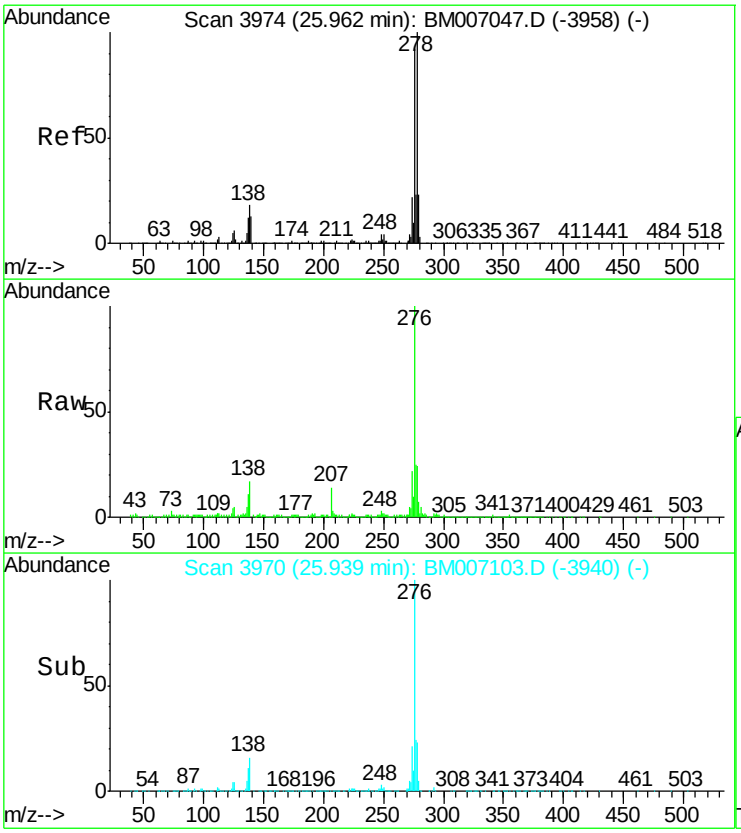
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.97 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:276 Resp: 1189767

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.9	20.9
277	24.8	20.1	30.1

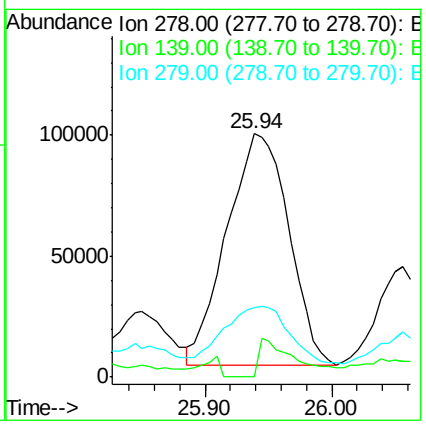


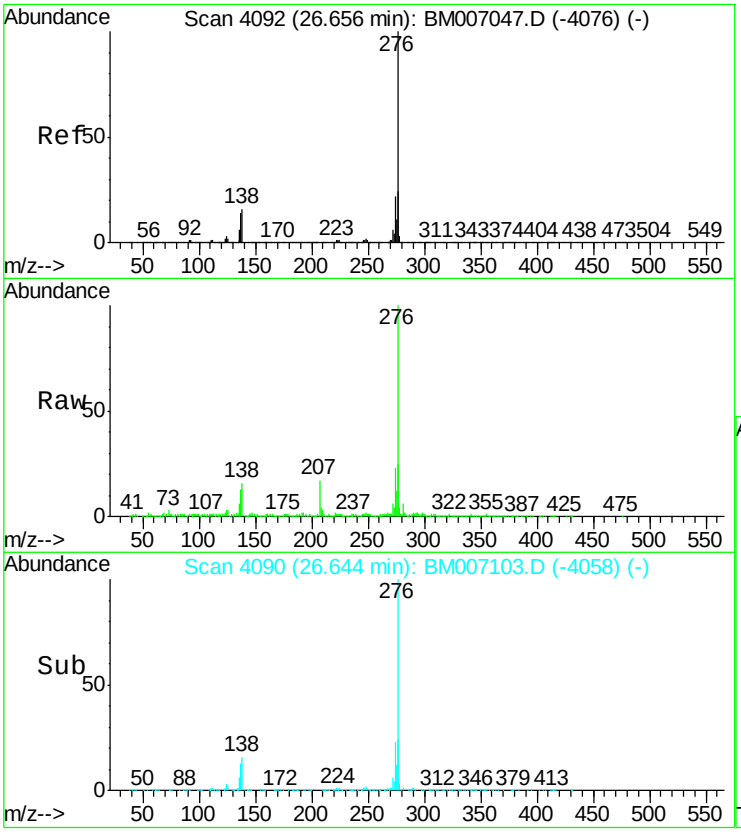


#90
Dibenzo(a,h)anthracene
Concen: 2.25 ng/ul
RT: 25.94 min Scan# 3970
Delta R.T. -0.02 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Tgt Ion:278 Resp: 323014

Ion	Ratio	Lower	Upper
278	100		
139	0.0	9.5	14.3#
279	28.4	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 7.91 ng/ul
RT: 26.64 min Scan# 4090
Delta R.T. -0.01 min
Lab File: BM007103.D
Acq: 14 Aug 2016 12:14

Instrument :
BNA_M
ClientSampleId :
P003-SS003-0002-01

Tgt Ion:276 Resp: 1141819

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	24.6	19.3	28.9