Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007097.D
Acq On : 14 Aug 2016 08:36
Operator : UM/SJ
Sample : H4387-12
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-1218-01

Quant Time: Aug 15 10:25:26 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	347590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1459000	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	851925	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1960352	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2407404	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	2712299	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	40257	5.06	ng/uL	0.00
5) Phenol-d5	6.97	99	750367	26.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	445160	27.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	619493	27.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	554791	23.94	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	296484	27.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	332169	29.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	616996	26.02	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	681365	24.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1859218	26.41	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	2308560	27.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	264616	20.97	ng/ul	0.00
57) Fluorene-d10	15.43	176	1621212	26.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	241066	22.25	ng/ul	-0.01
70) Anthracene-d10	17.28	188	2461479	27.10	ng/ul	0.00
76) Pyrene-d10	19.57	212	2907329	28.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	3469051	27.96	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	67271	2.27	ng/ul	97
44) Dimethylphthalate	13.90	163	1869331	26.57	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	21256	1.55	ng/ul#	53
47) Acenaphthylene	14.16	152	208117	2.39	ng/ul	99
69) Phenanthrene	17.22	178	681646	6.47	ng/ul	99
71) Anthracene	17.32	178	204303	1.89	ng/ul	99
74) Fluoranthene	19.24	202	1126062	8.81	ng/ul	99
77) Pyrene	19.60	202	1526186	11.47	ng/ul	98
80) Benzo(a)anthracene	21.34	228	810284	5.70	ng/ul	92
82) Chrysene	21.40	228	911747	7.01	ng/ul	95
85) Benzo(b)fluoranthene	22.95	252	942351	5.77	ng/ul#	96
86) Benzo(k)fluoranthene	22.95	252	942351	6.14	ng/ul#	97
88) Benzo(a)pyrene	23.53	252	829176	5.35	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	511684	2.70	ng/ul	97
91) Benzo(g,h,i)perylene	26.63	276	534154	3.33	ng/ul	98

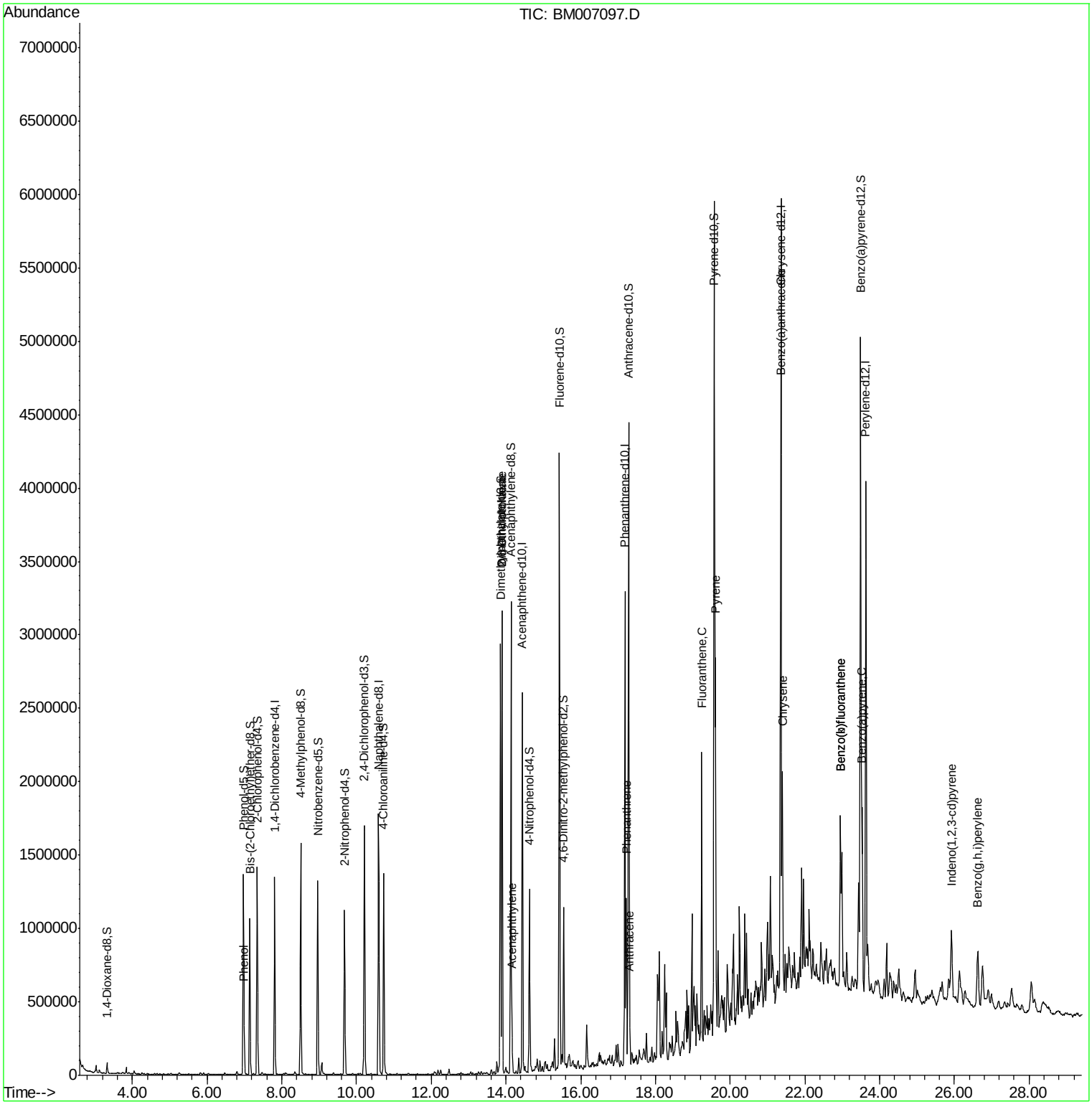
(#) = qualifier out of range (m) = manual integration (+) = signals summed

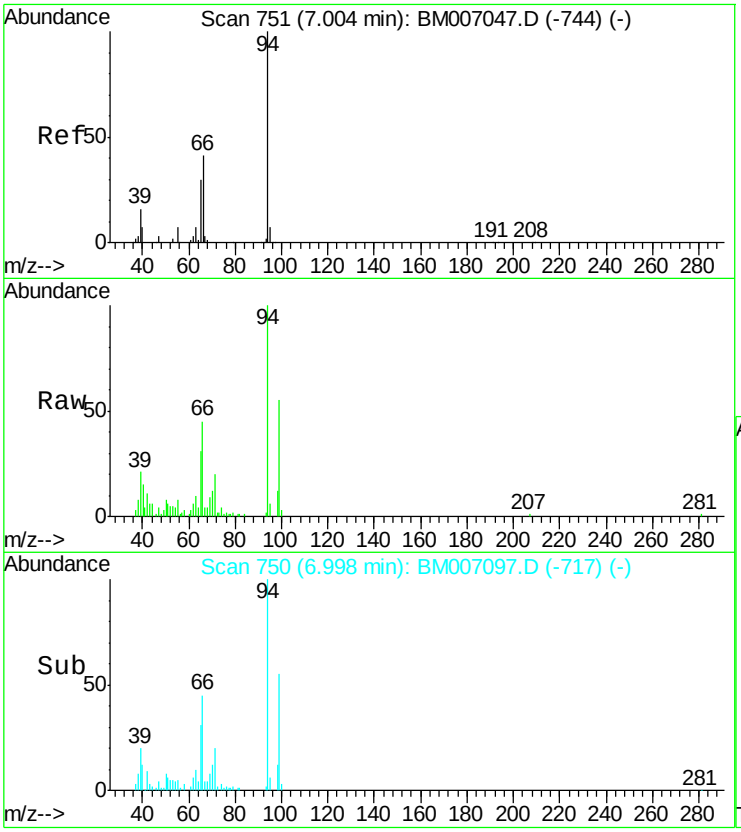
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007097.D
Acq On : 14 Aug 2016 08:36
Operator : UM/SJ
Sample : H4387-12
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Quant Time: Aug 15 10:25:26 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



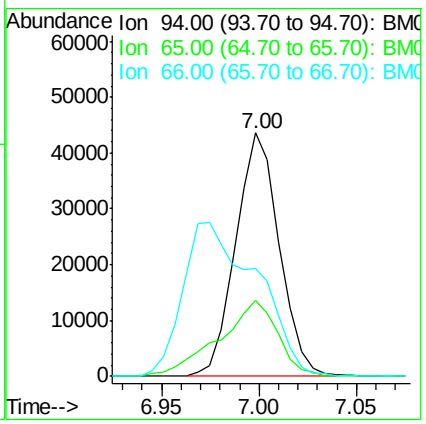


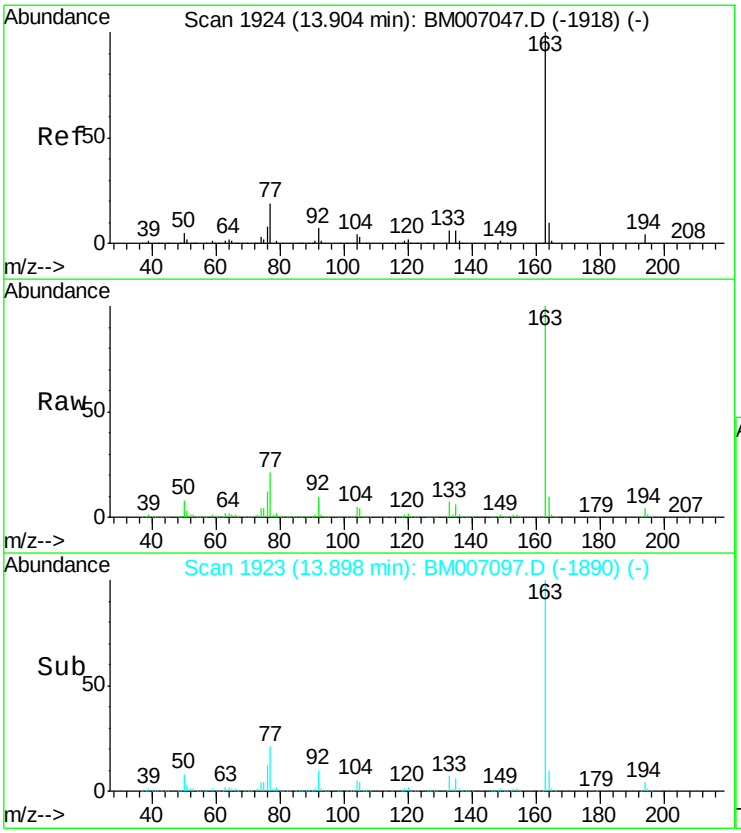
#6
Phenol
Concen: 2.27 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion: 94 Resp: 67271

Ion	Ratio	Lower	Upper
94	100		
65	31.2	23.9	35.9
66	44.5	33.5	50.3

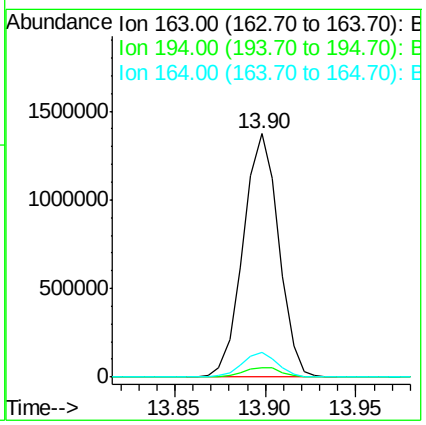


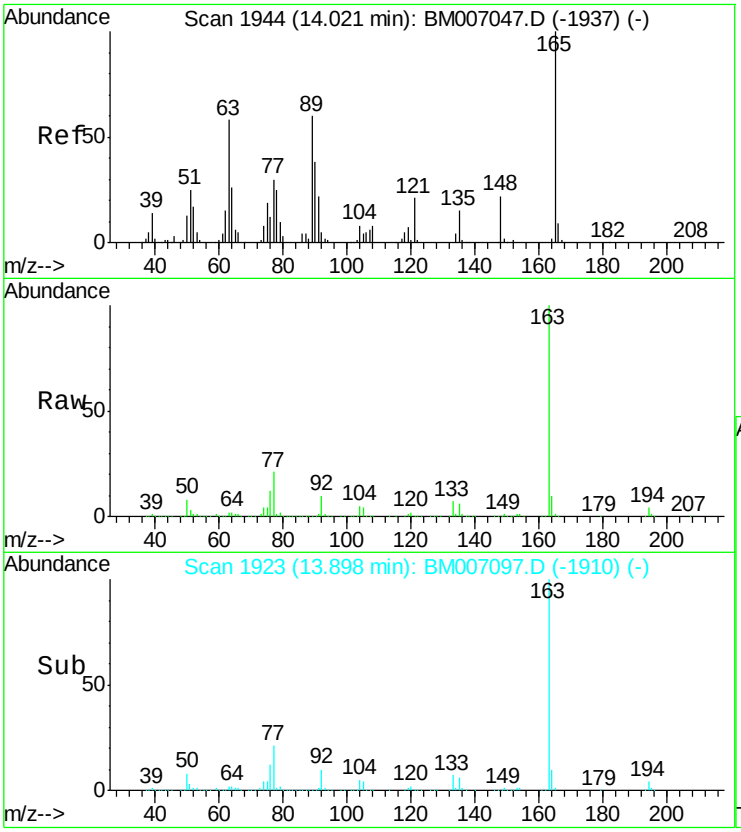


#44
Dimethylphthalate
Concen: 26.57 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:163 Resp: 1869331

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	10.0	7.8	11.8



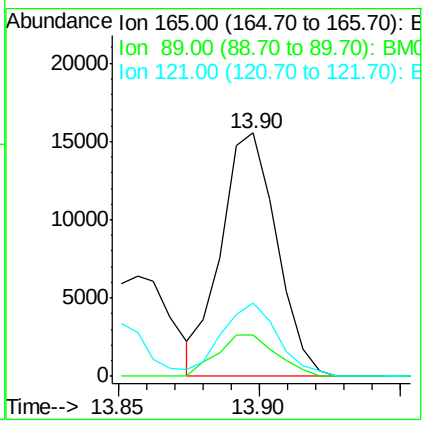


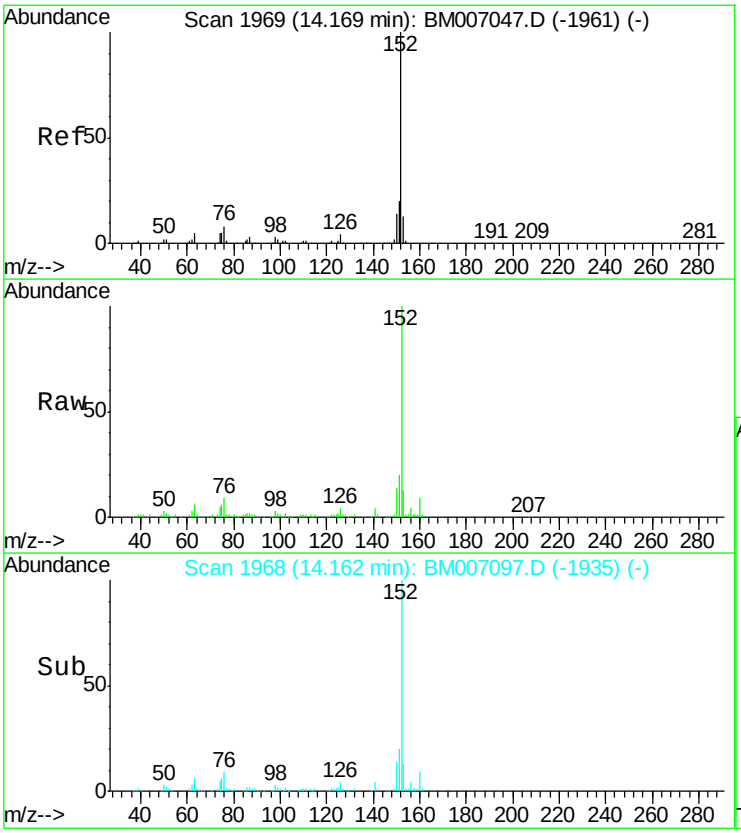
#45
2,6-Dinitrotoluene
Concen: 1.55 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.12 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:165 Resp: 21256

Ion	Ratio	Lower	Upper
165	100		
89	16.8	46.6	69.8#
121	30.1	16.0	24.0#

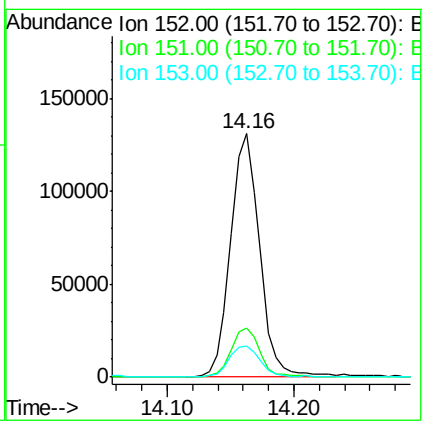


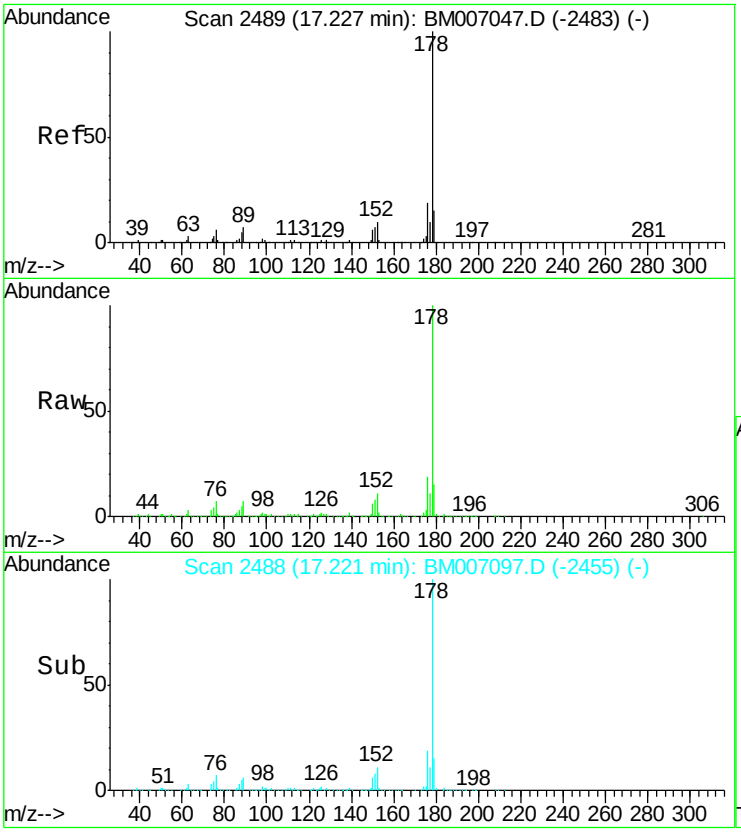


#47
Acenaphthylene
Concen: 2.39 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:152 Resp: 208117

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	12.8	11.0	16.6



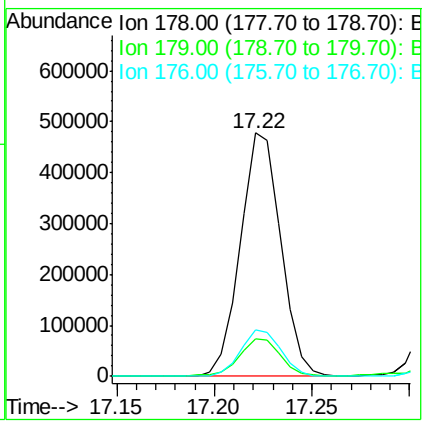


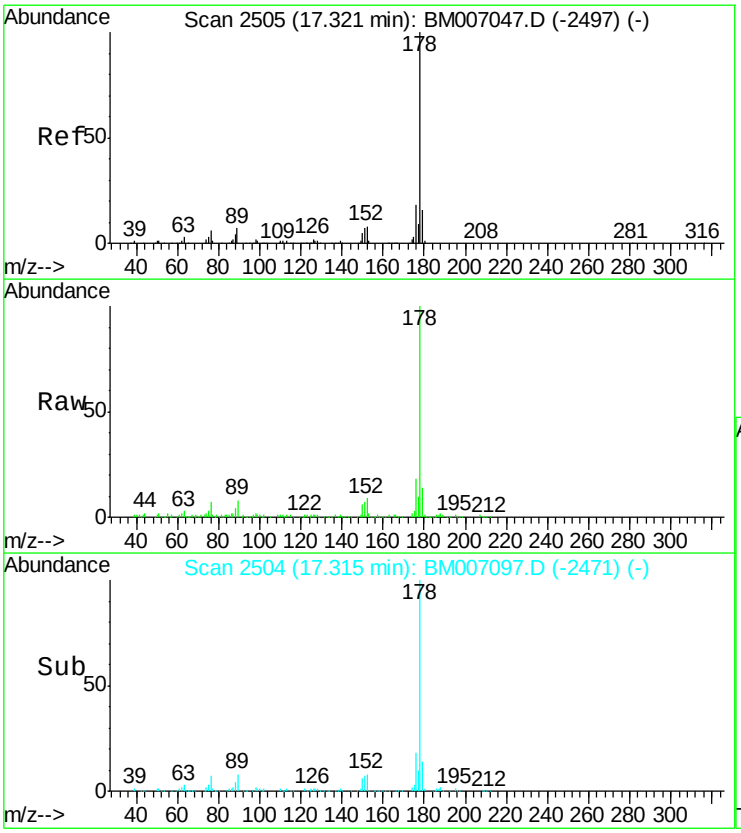
#69
Phenanthrene
Concen: 6.47 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:178 Resp: 681646

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.1	22.7

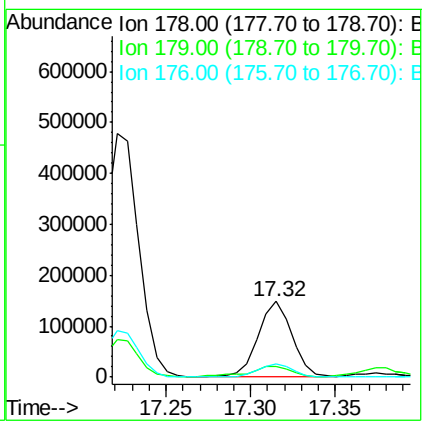


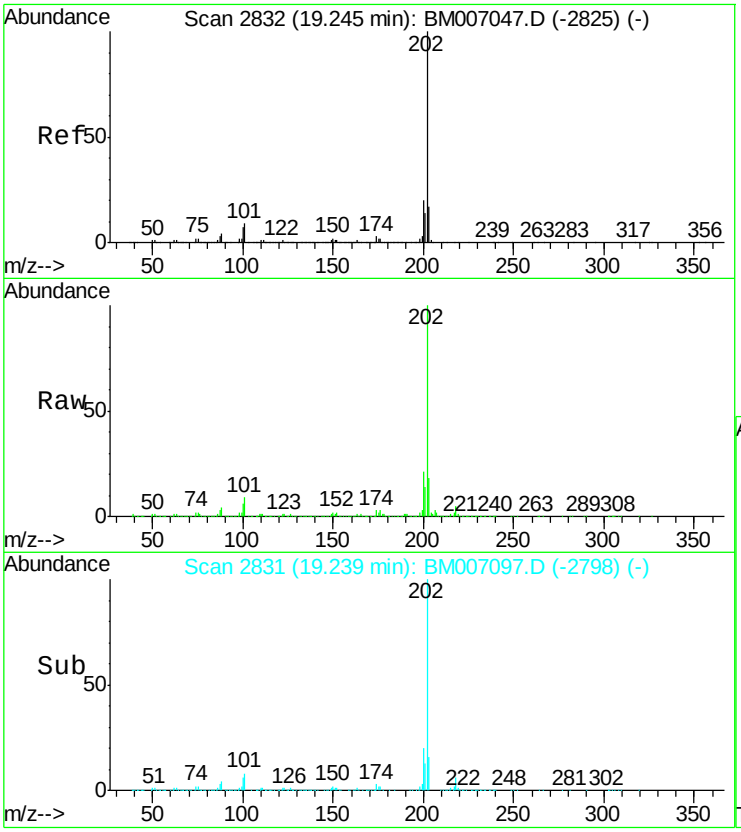


#71
Anthracene
Concen: 1.89 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:178 Resp: 204303

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.1	18.1
176	17.8	14.5	21.7



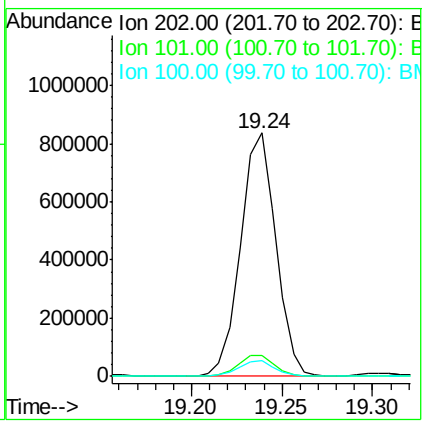


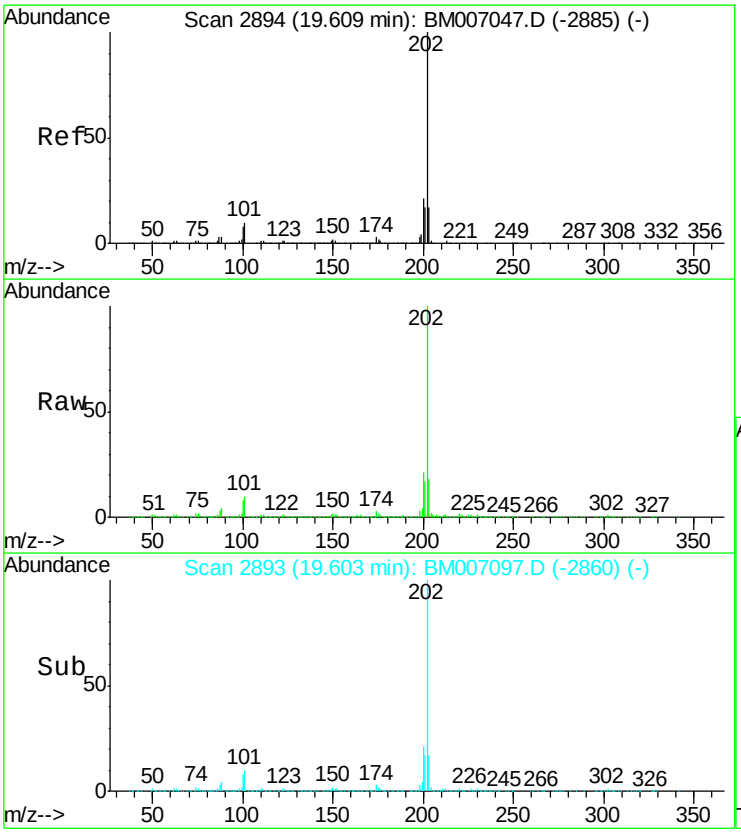
#74
Fluoranthene
Concen: 8.81 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:202 Resp: 1126062

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.9	10.3
100	6.4	5.4	8.0

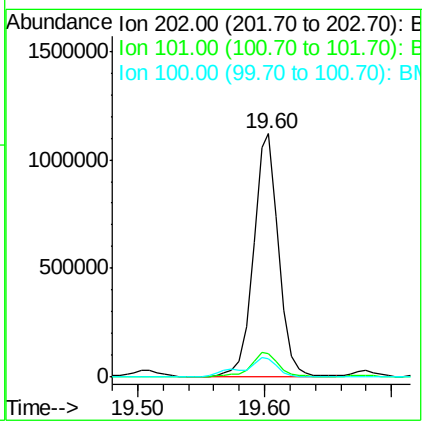


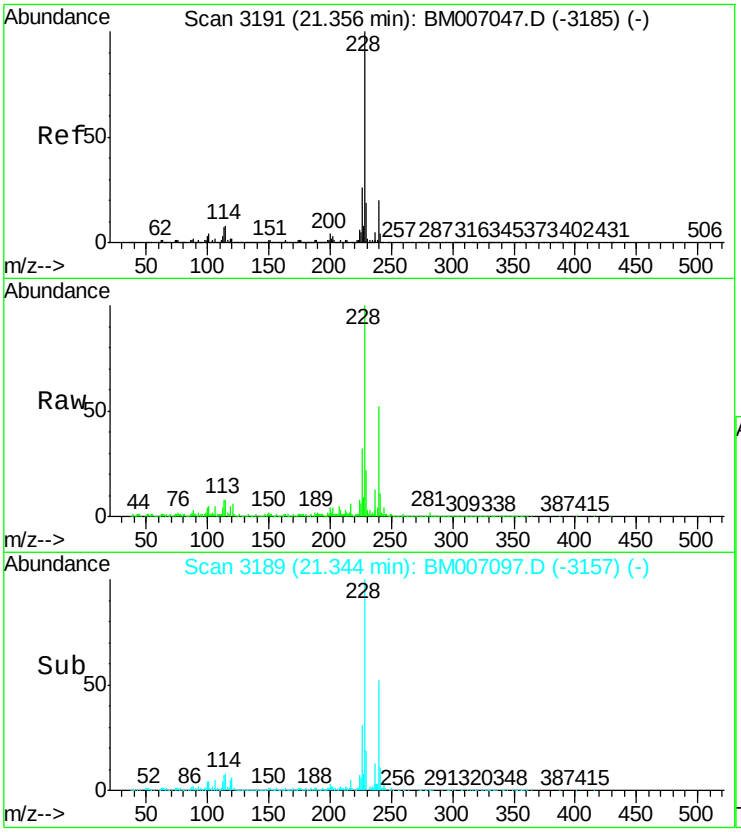


#77
Pyrene
Concen: 11.47 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:202 Resp: 1526186

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.7	6.9	10.3



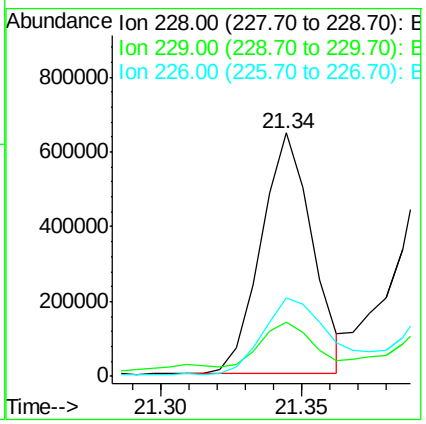


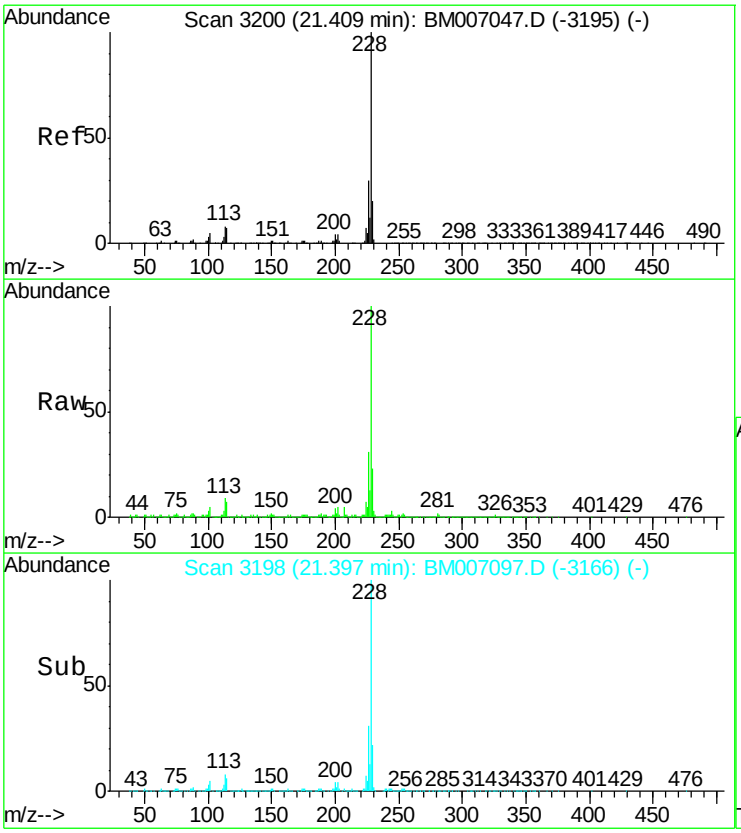
#80
Benzo(a)anthracene
Concen: 5.70 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:228 Resp: 810284

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.6	23.4
226	32.4	21.8	32.8

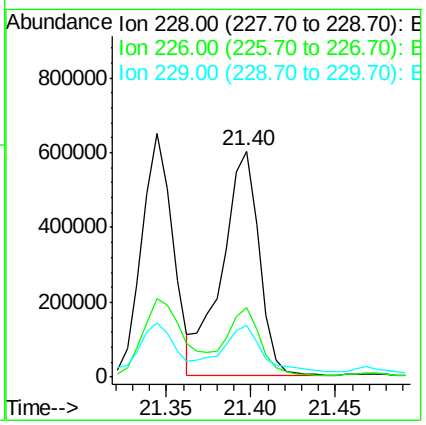


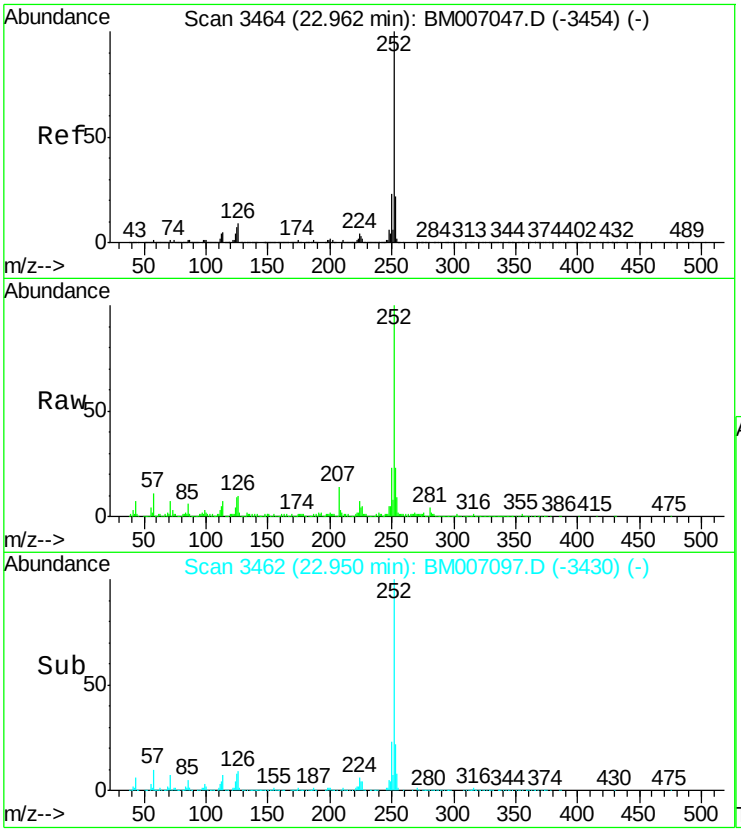


#82
Chrysene
Concen: 7.01 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:228 Resp: 911747

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	23.0	15.5	23.3



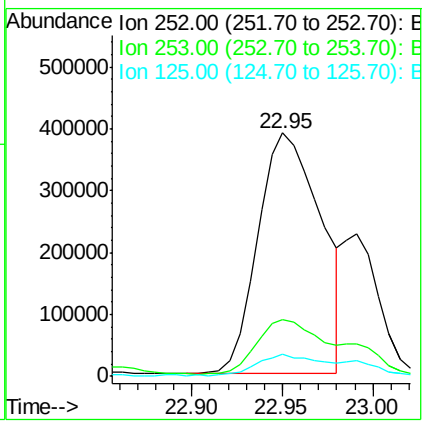


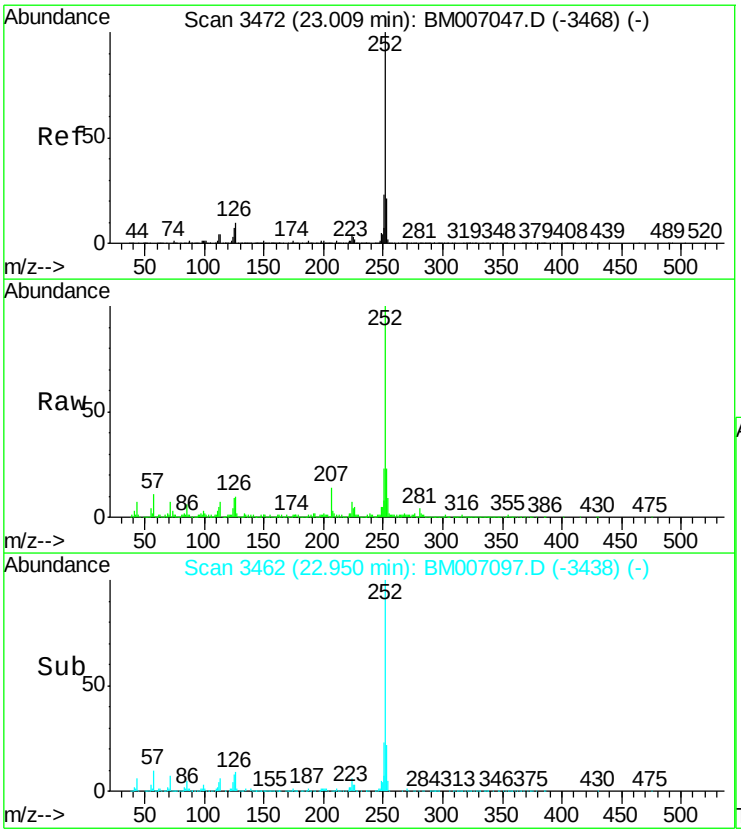
#85
Benzo(b)fluoranthene
Concen: 5.77 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:252 Resp: 942351

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.9	5.8	8.8#

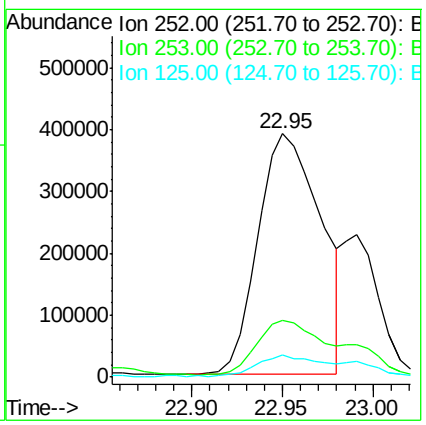


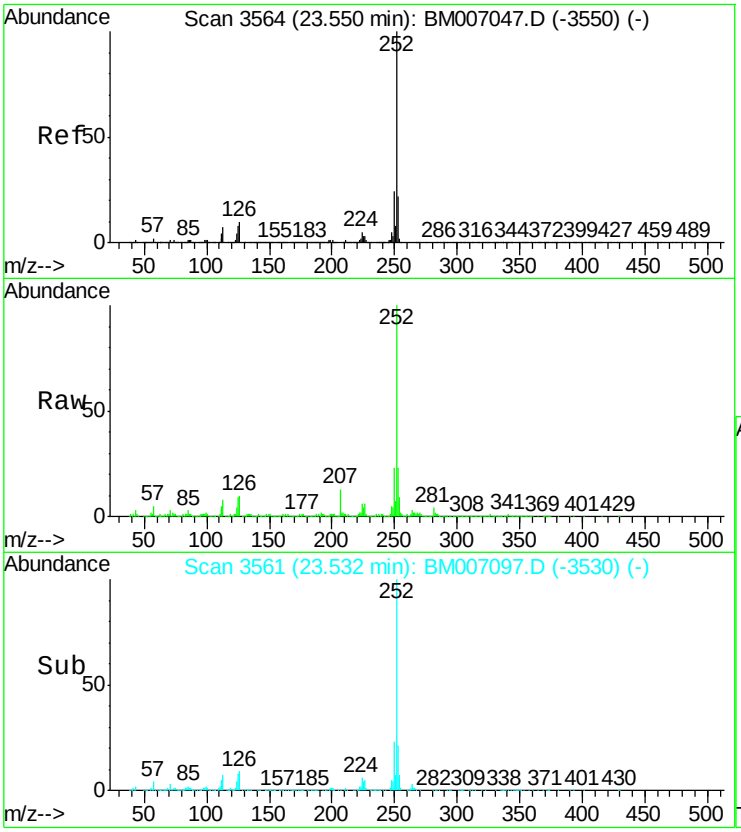


#86
Benzo(k)fluoranthene
Concen: 6.14 ng/ul
RT: 22.95 min Scan# 3462
Delta R.T. -0.06 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:252 Resp: 942351

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	8.9	5.7	8.5#



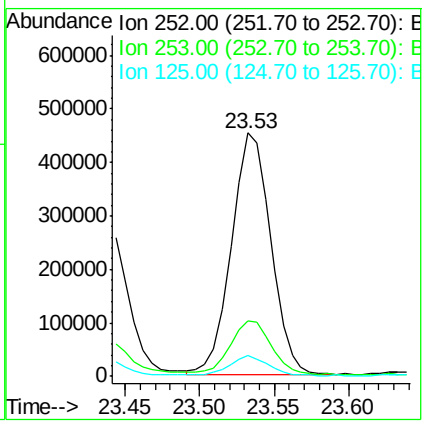


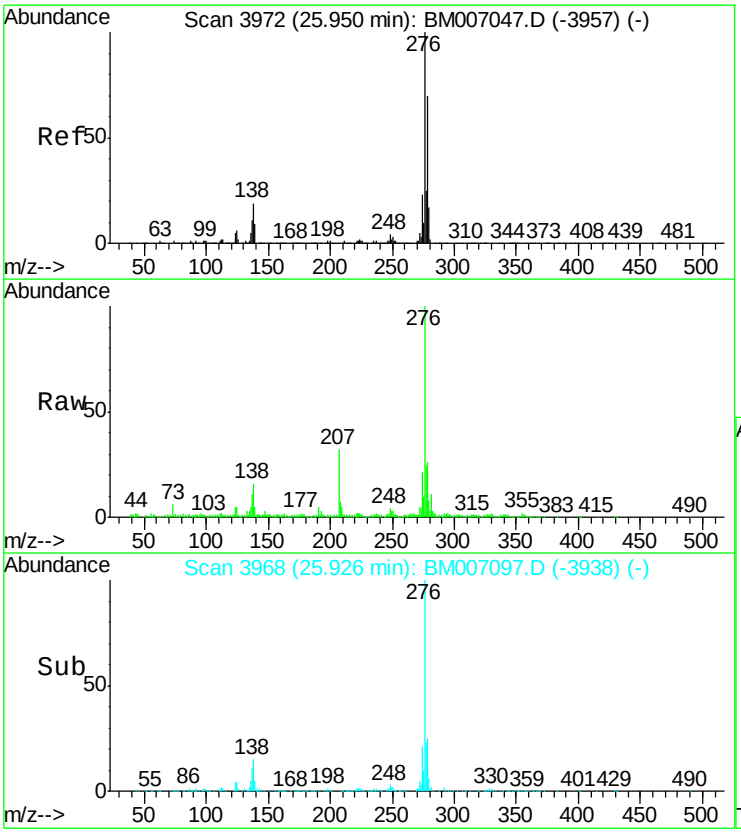
#88
Benzo(a)pyrene
Concen: 5.35 ng/ul
RT: 23.53 min Scan# 3561
Delta R.T. -0.02 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:252 Resp: 829176

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.6	6.6	9.8

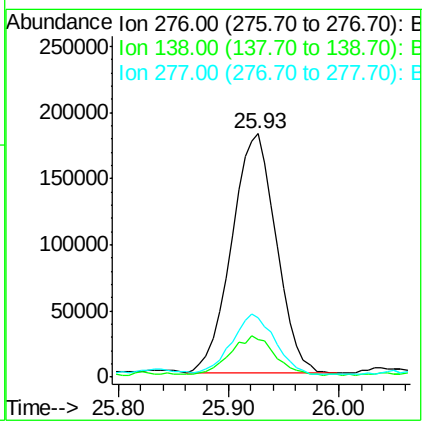


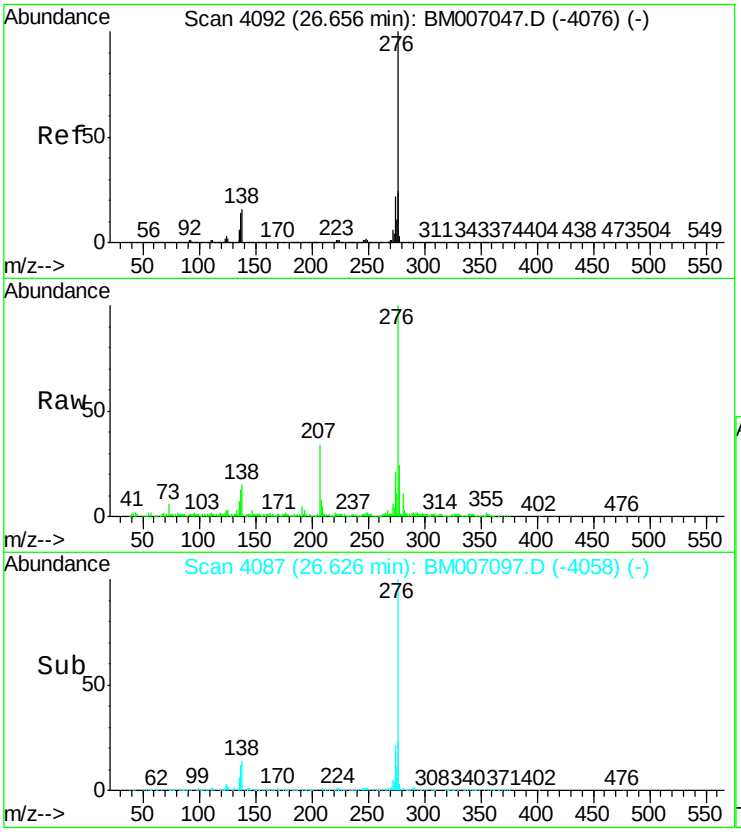


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.70 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Tgt Ion:276 Resp: 511684

Ion	Ratio	Lower	Upper
276	100		
138	15.6	13.9	20.9
277	24.2	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 3.33 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. -0.03 min
Lab File: BM007097.D
Acq: 14 Aug 2016 08:36

Instrument :
BNA_M
ClientSampleId :
P003-SS003-1218-01

Tgt Ion:276 Resp: 534154

Ion	Ratio	Lower	Upper
276	100		
138	14.9	13.5	20.3
277	23.9	19.3	28.9