Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS003-2430-01

Quant Time: Aug 15 10:25:39 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	292084	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1227265	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	717838	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1666734	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2097599	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2366737	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	32578	4.87	ng/uL	0.00
5) Phenol-d5	6.97	99	591762	25.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	365722	26.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	503880	26.74	ng/ul	-0.01
13) 4-Methylphenol-d8	8.50	113	415799	21.36	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	241661	27.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	272135	28.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	498103	24.97	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	573638	24.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1586201	26.74	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1943554	27.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	215381	20.26	ng/ul	0.00
57) Fluorene-d10	15.43	176	1387094	26.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	194055	21.07	ng/ul	0.00
70) Anthracene-d10	17.28	188	2161638	28.00	ng/ul	0.00
76) Pyrene-d10	19.57	212	2621847	29.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	3190673	29.47	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	52903	2.12	ng/ul	91
44) Dimethylphthalate	13.90	163	1399171	23.60	ng/ul	100
47) Acenaphthylene	14.16	152	156581	2.13	ng/ul	98
58) Fluorene	15.49	166	58588	1.03	ng/ul#	93
69) Phenanthrene	17.23	178	1324135	14.77	ng/ul	99
71) Anthracene	17.32	178	230004	2.50	ng/ul	100
74) Fluoranthene	19.24	202	1857464	17.08	ng/ul	99
77) Pyrene	19.60	202	1839926	15.87	ng/ul	98
80) Benzo(a)anthracene	21.34	228	953682	7.70	ng/ul	96
82) Chrysene	21.40	228	903628	7.98	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	998903	7.01	ng/ul	98
86) Benzo(k)fluoranthene	22.96	252	998903	7.46	ng/ul	99
88) Benzo(a)pyrene	23.54	252	750371	5.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	464536	2.80	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	374793	2.68	ng/ul	98

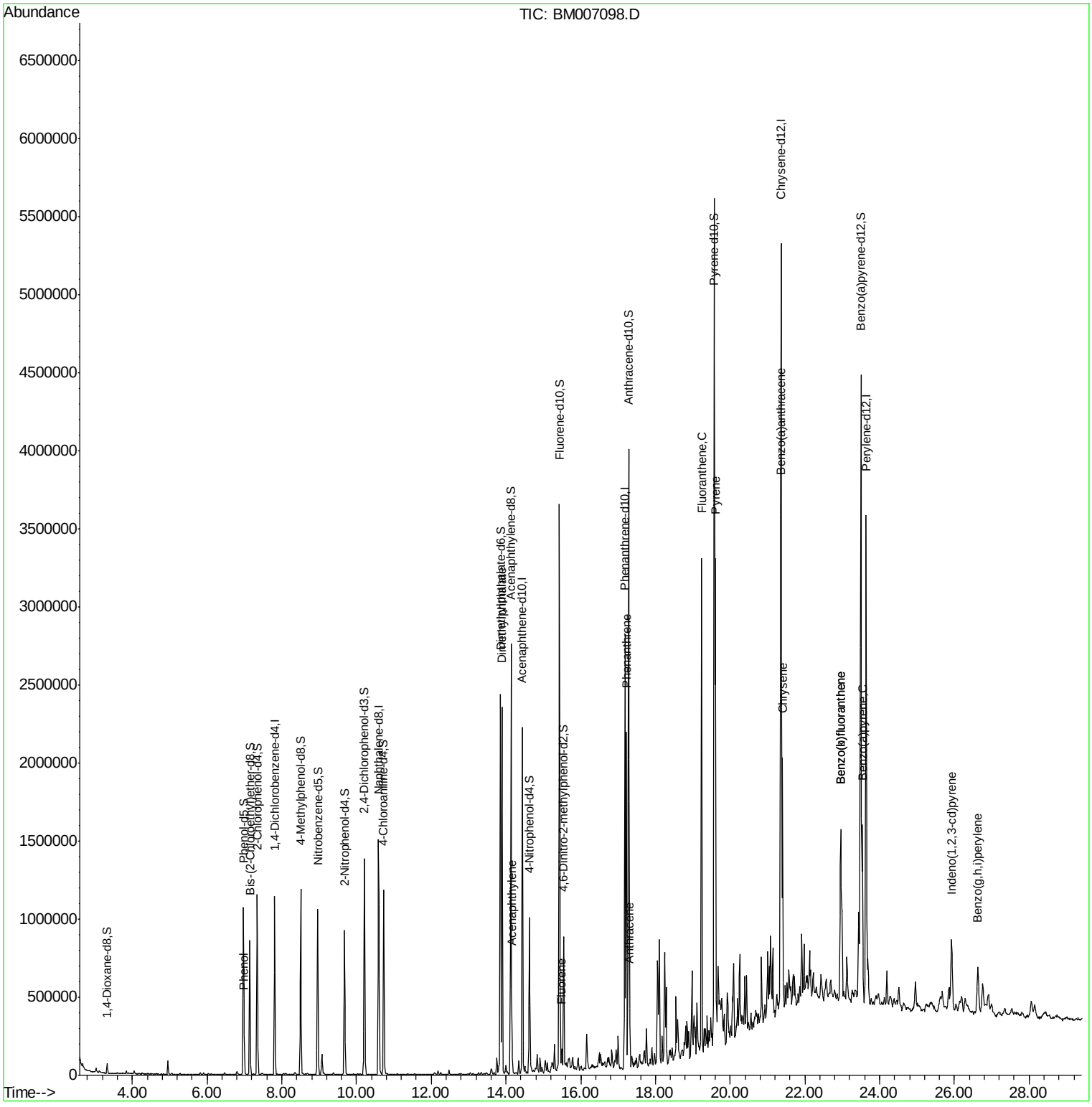
(#) = qualifier out of range (m) = manual integration (+) = signals summed

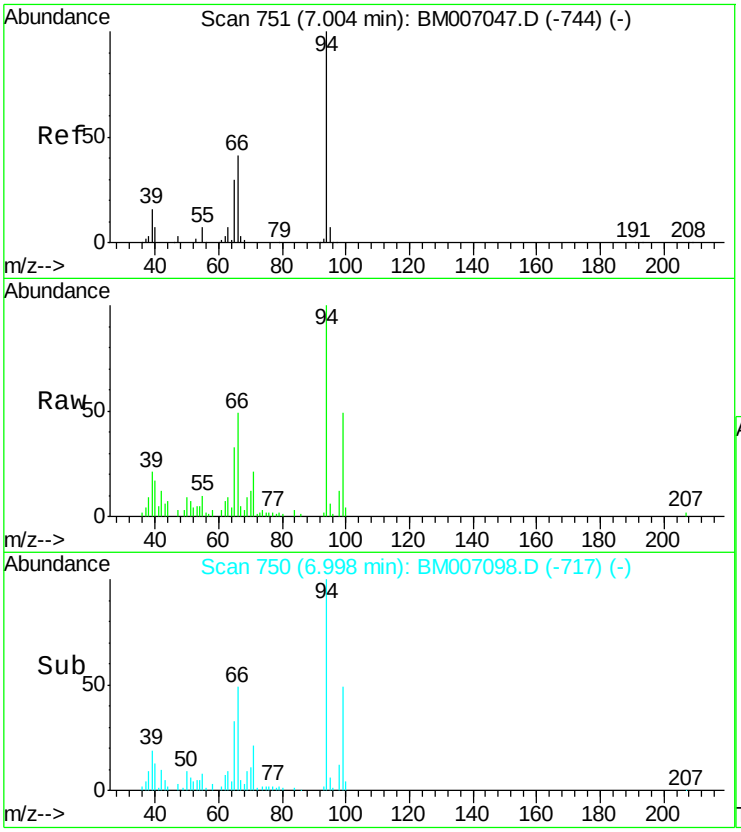
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007098.D
Acq On : 14 Aug 2016 09:12
Operator : UM/SJ
Sample : H4387-13
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Quant Time: Aug 15 10:25:39 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



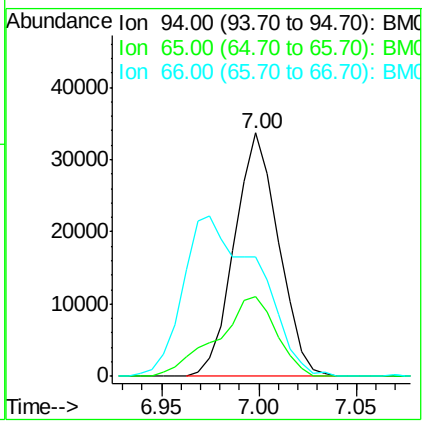


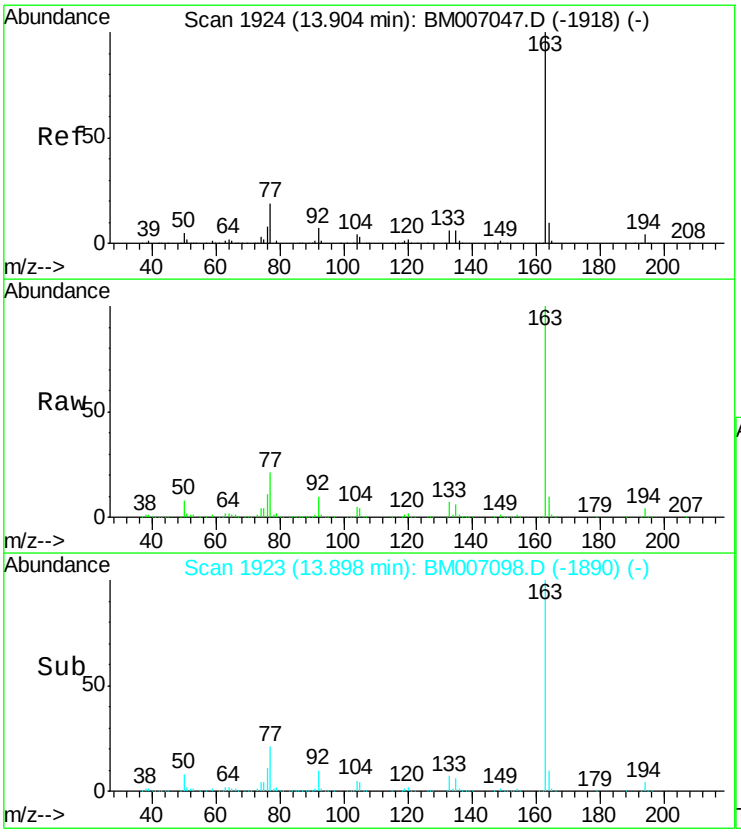
#6
Phenol
Concen: 2.12 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion: 94 Resp: 52903

Ion	Ratio	Lower	Upper
94	100		
65	33.0	23.9	35.9
66	49.2	33.5	50.3

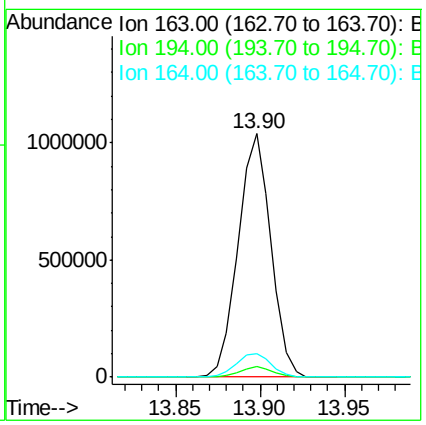


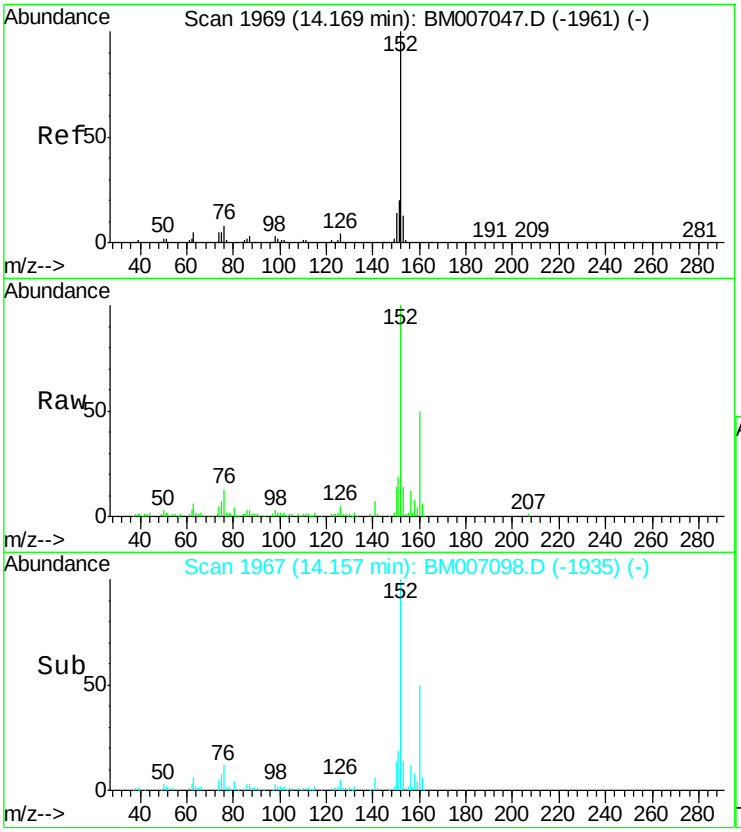


#44
Dimethylphthalate
Concen: 23.60 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:163 Resp: 1399171

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.8	7.8	11.8



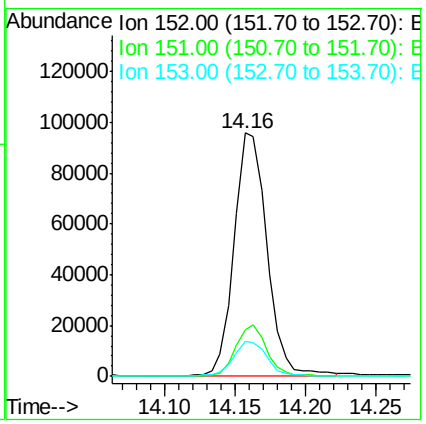


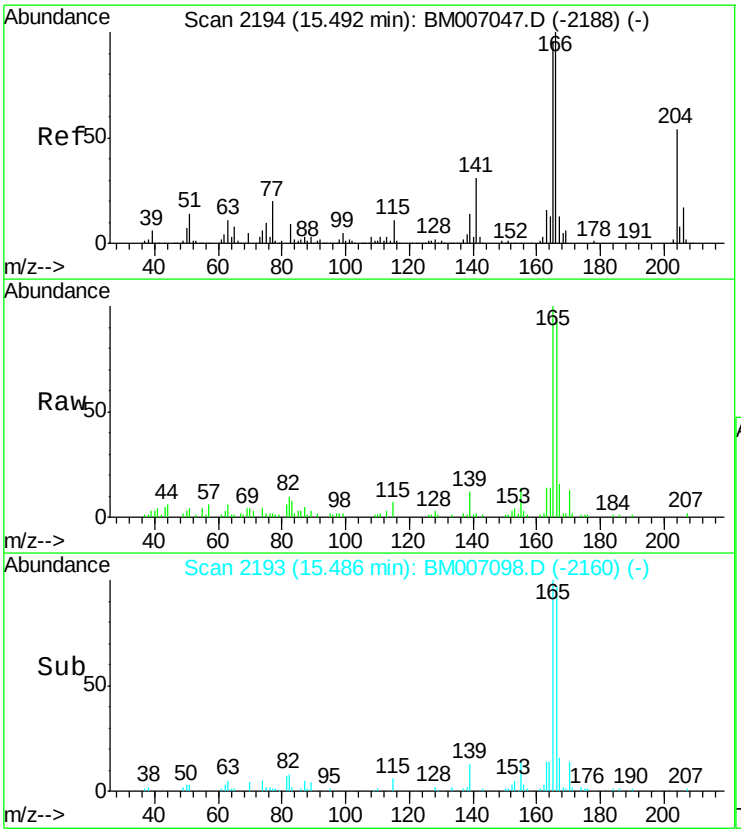
#47
Acenaphthylene
Concen: 2.13 ng/ul
RT: 14.16 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:152 Resp: 156581

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.0	24.0
153	14.4	11.0	16.6

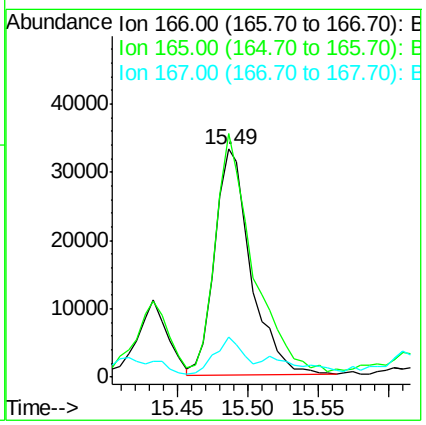


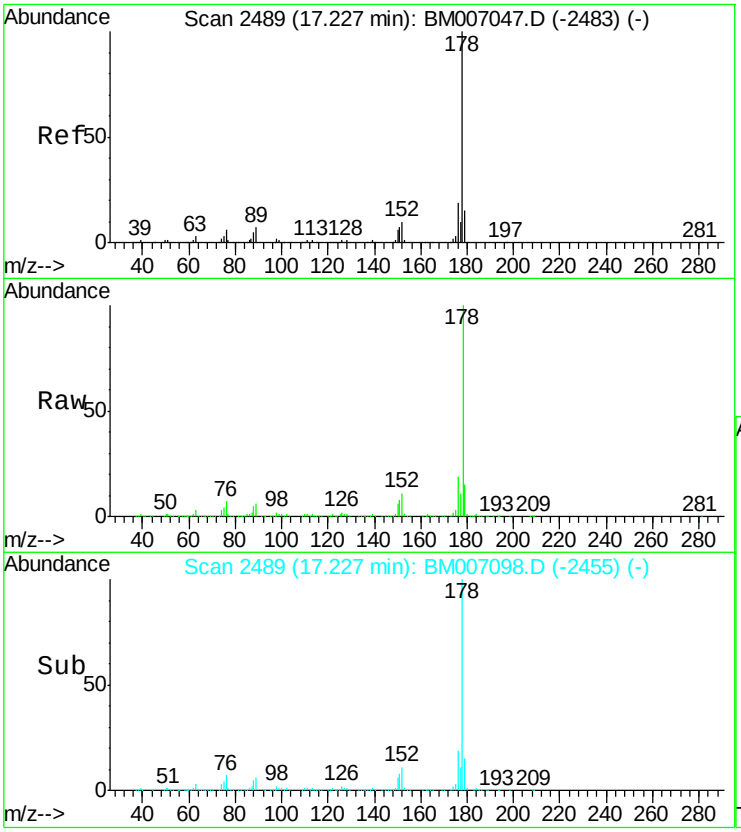


#58
Fluorene
Concen: 1.03 ng/ul
RT: 15.49 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:166 Resp: 58588

Ion	Ratio	Lower	Upper
166	100		
165	106.8	79.9	119.9
167	17.4	10.5	15.7#



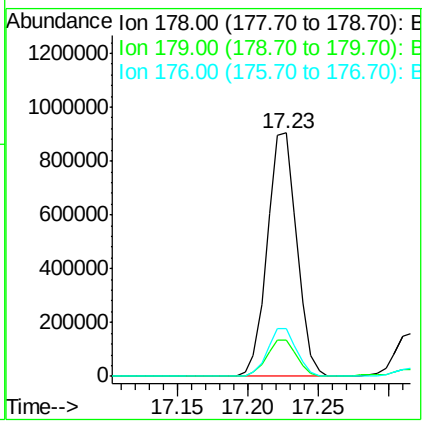


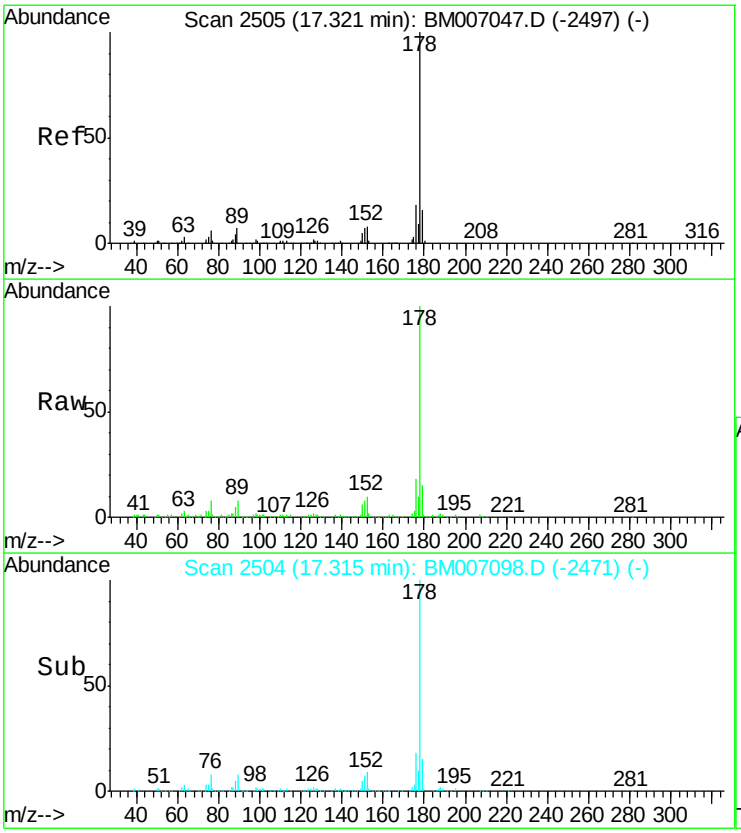
#69
Phenanthrene
Concen: 14.77 ng/ul
RT: 17.23 min Scan# 2489
Delta R.T. -0.00 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:178 Resp: 1324135

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.5	15.1	22.7

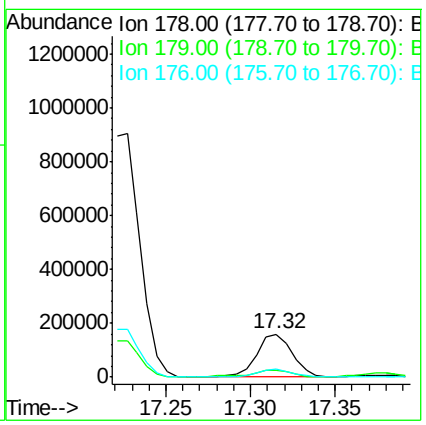


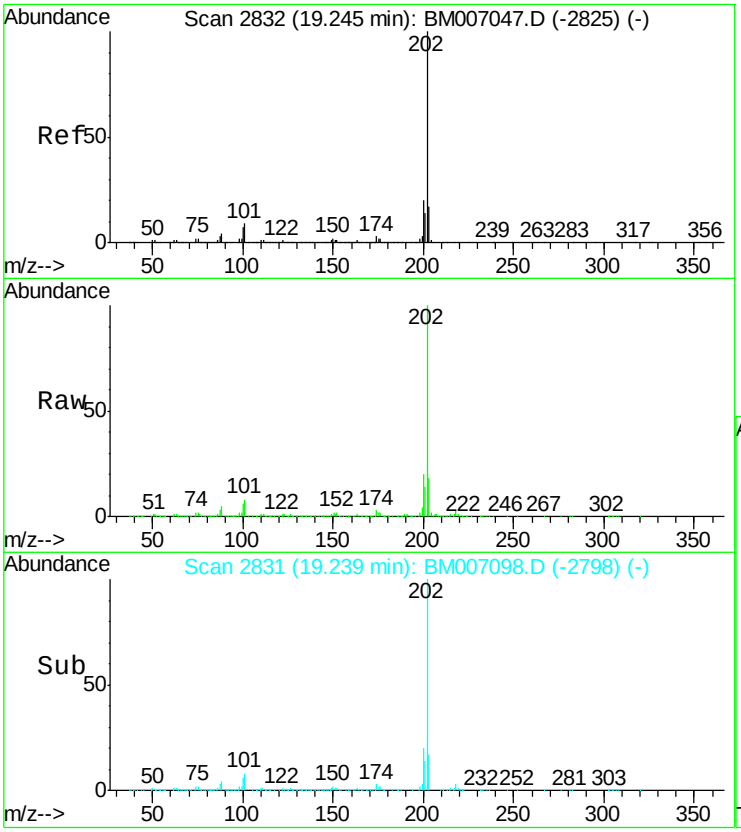


#71
Anthracene
Concen: 2.50 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:178 Resp: 230004

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	18.1	14.5	21.7



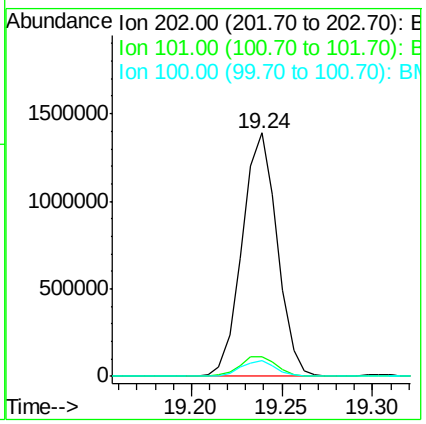


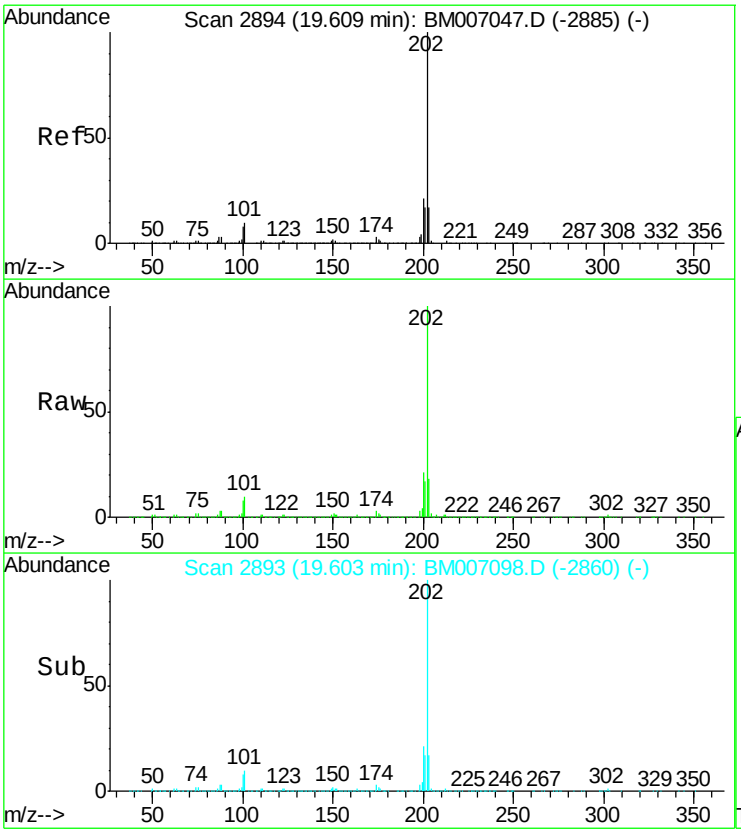
#74
Fluoranthene
Concen: 17.08 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:202 Resp: 1857464

Ion	Ratio	Lower	Upper
202	100		
101	8.3	6.9	10.3
100	6.3	5.4	8.0

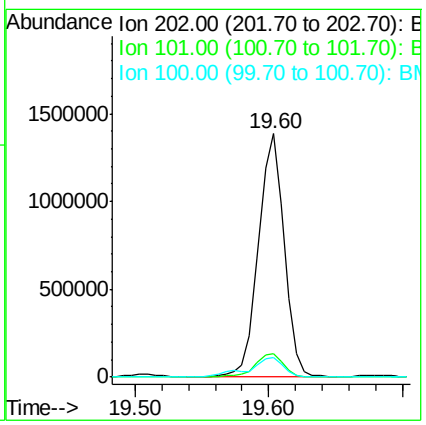


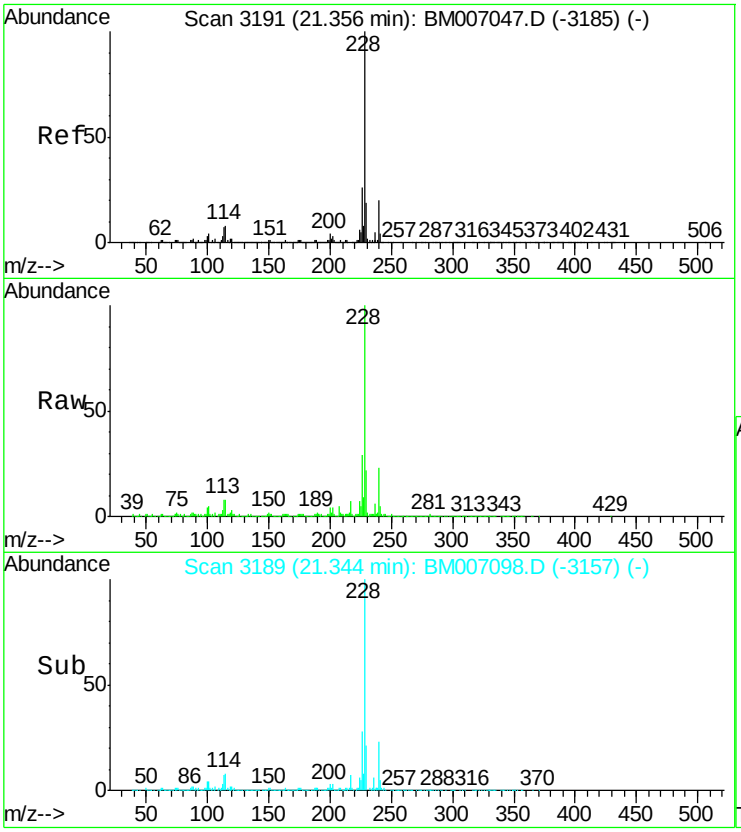


#77
Pyrene
Concen: 15.87 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:202 Resp: 1839926

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.4	12.6
100	7.9	6.9	10.3



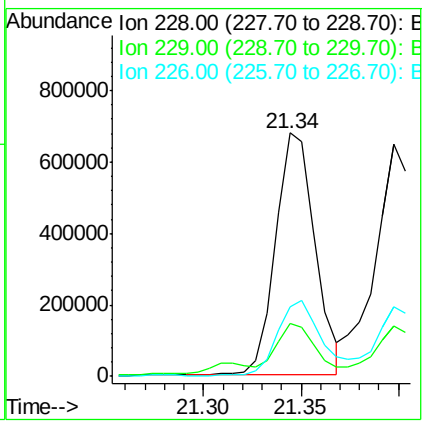


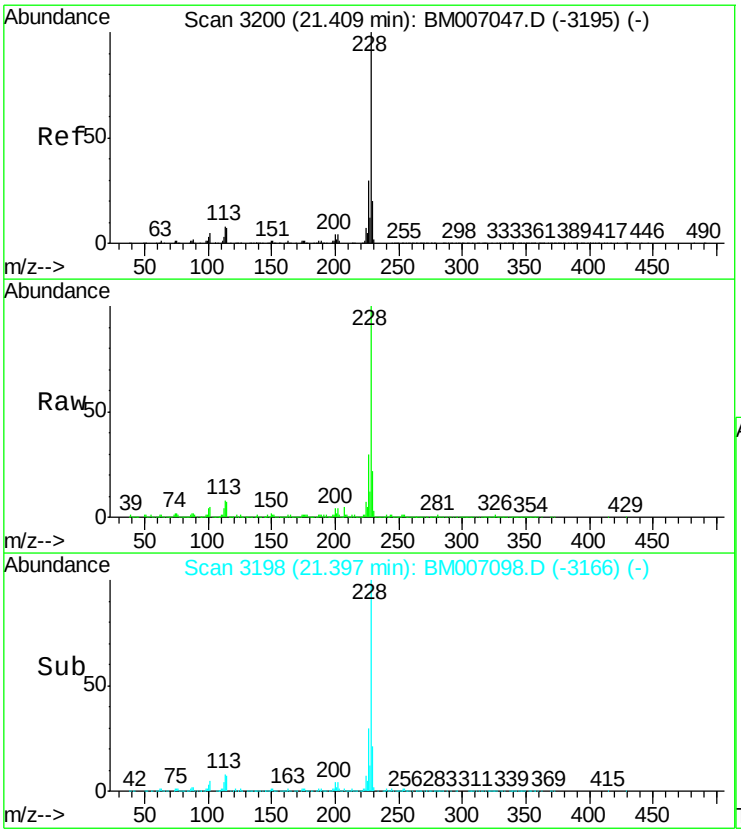
#80
Benzo(a)anthracene
Concen: 7.70 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:228 Resp: 953682

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.6	23.4
226	28.8	21.8	32.8

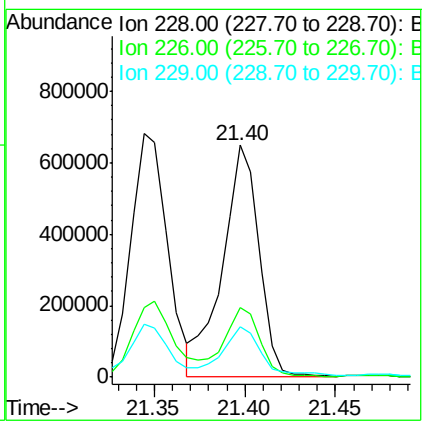


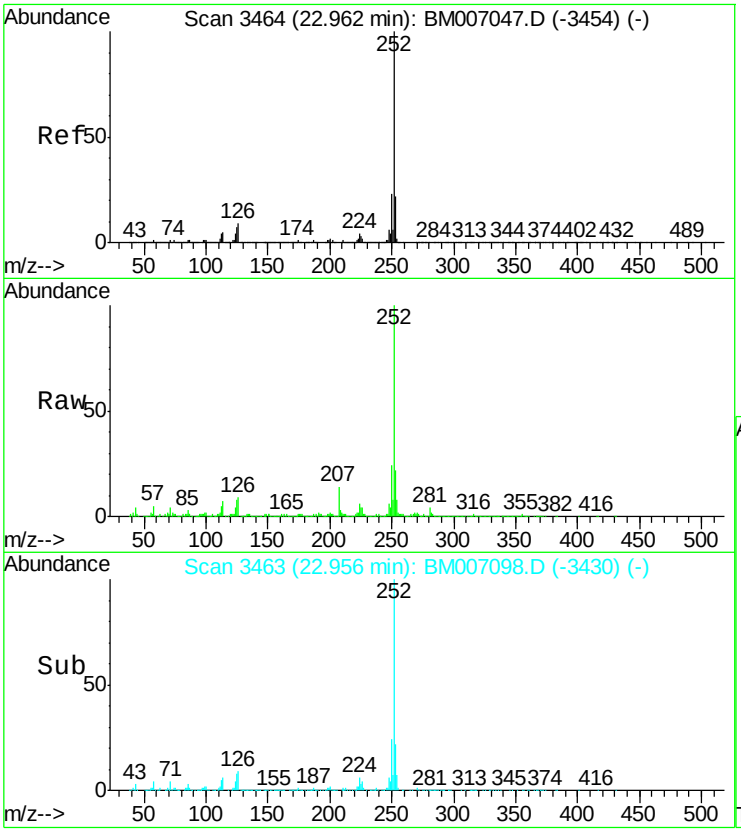


#82
Chrysene
Concen: 7.98 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:228 Resp: 903628

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	21.6	15.5	23.3



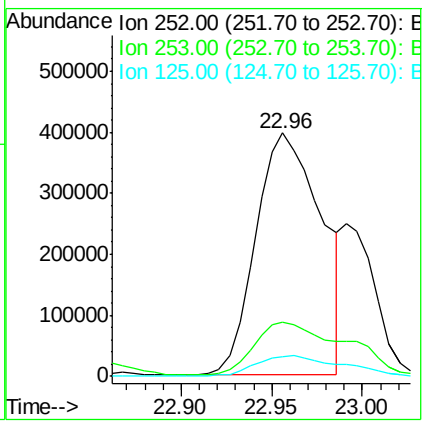


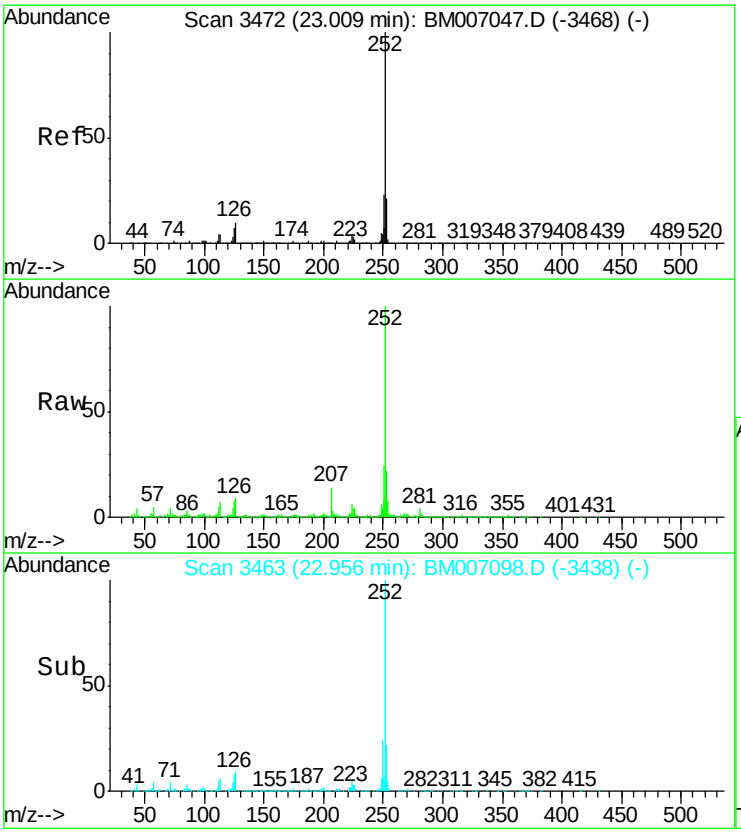
#85
Benzo(b)fluoranthene
Concen: 7.01 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:252 Resp: 998903

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	7.9	5.8	8.8

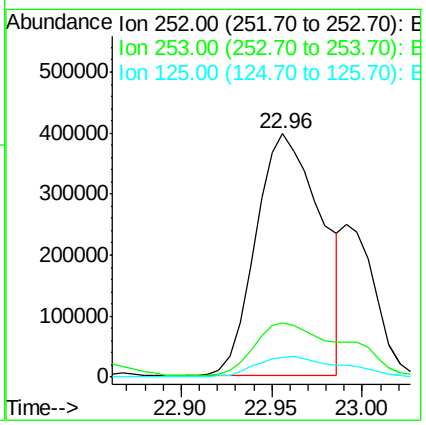


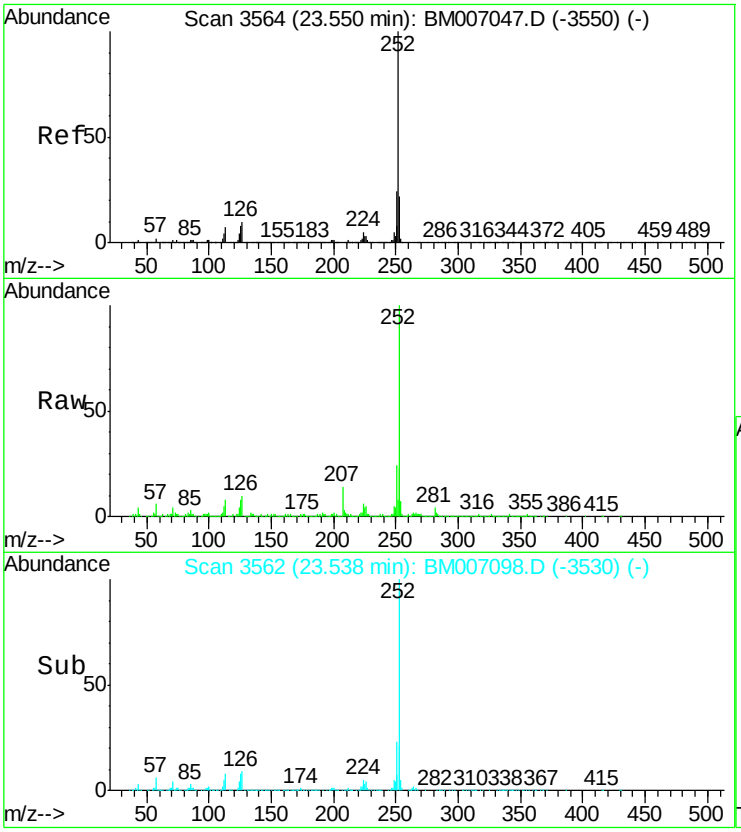


#86
Benzo(k)fluoranthene
Concen: 7.46 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:252 Resp: 998903

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	7.9	5.7	8.5



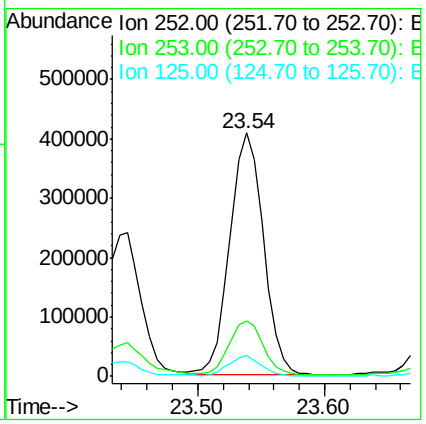


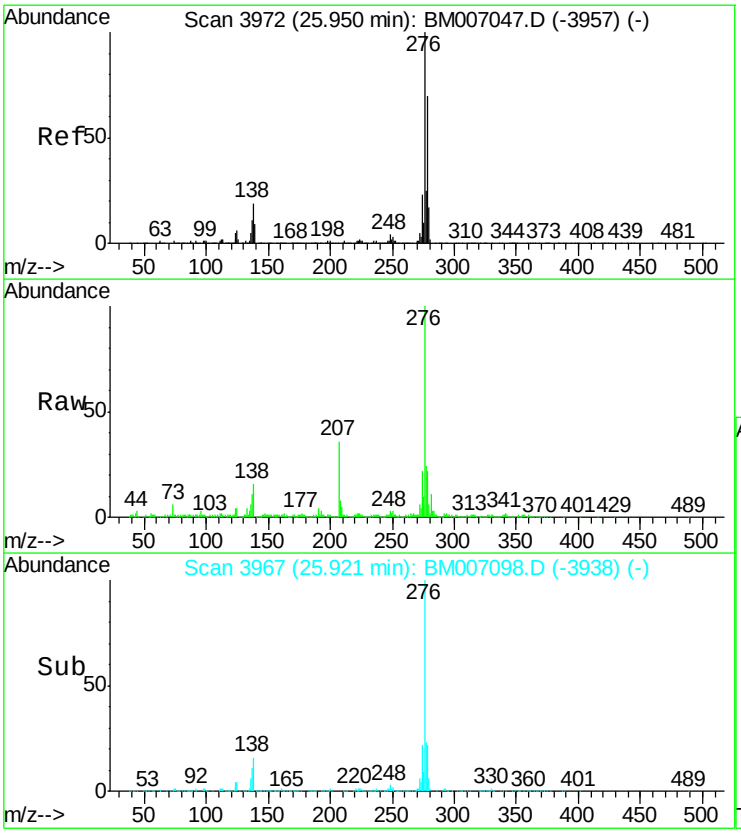
#88
Benzo(a)pyrene
Concen: 5.55 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:252 Resp: 750371

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	8.4	6.6	9.8

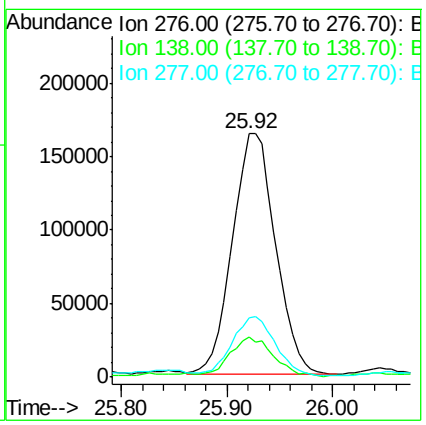


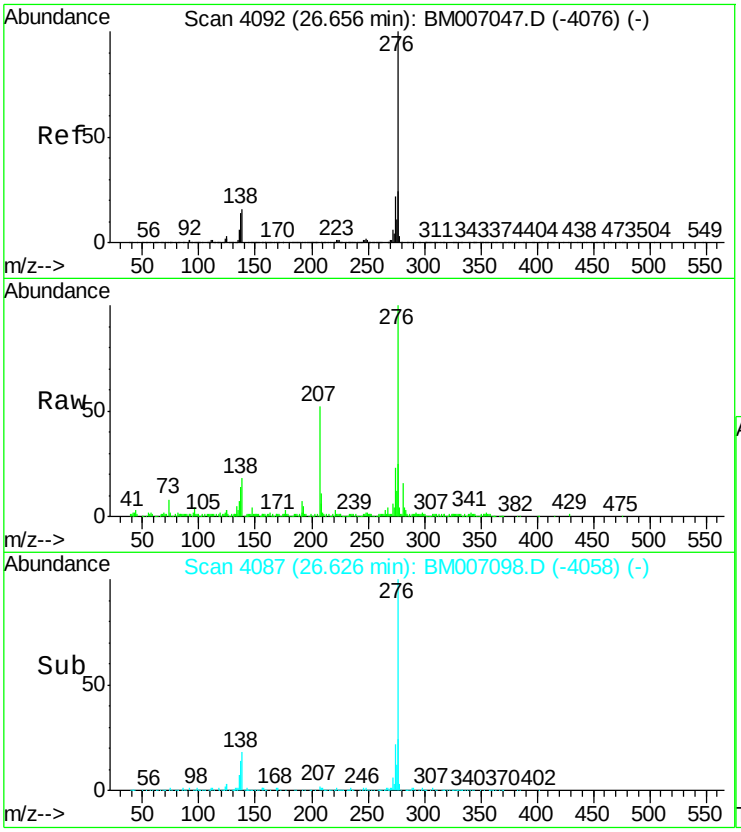


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.80 ng/ul
RT: 25.92 min Scan# 3967
Delta R.T. -0.03 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Tgt Ion:276 Resp: 464536

Ion	Ratio	Lower	Upper
276	100		
138	16.3	13.9	20.9
277	24.4	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 2.68 ng/ul
RT: 26.63 min Scan# 4087
Delta R.T. -0.03 min
Lab File: BM007098.D
Acq: 14 Aug 2016 09:12

Instrument :
BNA_M
ClientSampleId :
P003-SS003-2430-01

Tgt Ion:276 Resp: 374793

Ion	Ratio	Lower	Upper
276	100		
138	18.0	13.5	20.3
277	25.0	19.3	28.9