Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007099.D
Acq On : 14 Aug 2016 09:49
Operator : UM/SJ
Sample : H4387-14
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS004-0002-01

Quant Time: Aug 15 10:25:51 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	304866	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1247464	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	728377	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1694993	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	2090674	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2304758	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	26160	3.75	ng/uL	0.00
5) Phenol-d5	6.97	99	492271	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	299004	21.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	411348	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	314423	15.47	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	196917	21.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	220151	22.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	408609	20.15	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	383732	15.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1243967	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1529017	21.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	192846	17.88	ng/ul	0.00
57) Fluorene-d10	15.43	176	1088828	20.70	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	158778	16.95	ng/ul	0.00
70) Anthracene-d10	17.28	188	1677577	21.36	ng/ul	0.00
76) Pyrene-d10	19.57	212	2045874	23.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2324212	22.05	ng/ul	-0.01
Target Compounds						Qvalue
6) Phenol	7.00	94	45482	1.75	ng/ul	93
44) Dimethylphthalate	13.90	163	1353928	22.51	ng/ul	100
47) Acenaphthylene	14.16	152	157892	2.12	ng/ul	99
56) Diethylphthalate	15.27	149	3728428	58.76	ng/ul	99
69) Phenanthrene	17.22	178	496318	5.45	ng/ul	99
71) Anthracene	17.32	178	129326	1.38	ng/ul	99
74) Fluoranthene	19.24	202	927681	8.39	ng/ul	99
77) Pyrene	19.60	202	1255668	10.86	ng/ul	98
80) Benzo(a)anthracene	21.34	228	592058	4.79	ng/ul	94
82) Chrysene	21.40	228	661634	5.86	ng/ul	95
85) Benzo(b)fluoranthene	22.96	252	801497	5.77	ng/ul#	95
86) Benzo(k)fluoranthene	22.96	252	801497	6.15	ng/ul#	96
88) Benzo(a)pyrene	23.54	252	618076	4.70	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.93	276	444877	2.76	ng/ul	98
91) Benzo(g,h,i)perylene	26.63	276	442503	3.25	ng/ul	99

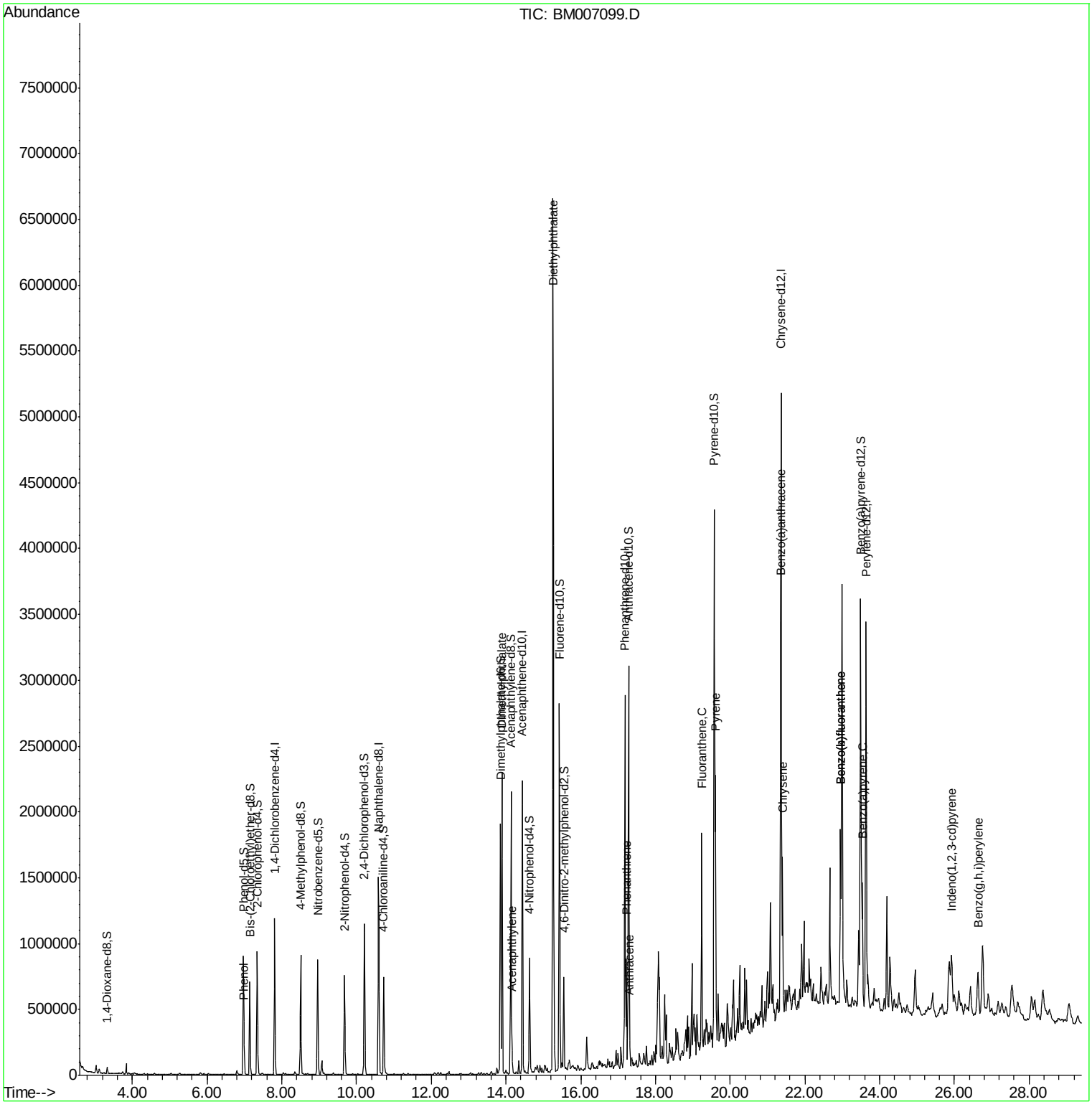
(#) = qualifier out of range (m) = manual integration (+) = signals summed

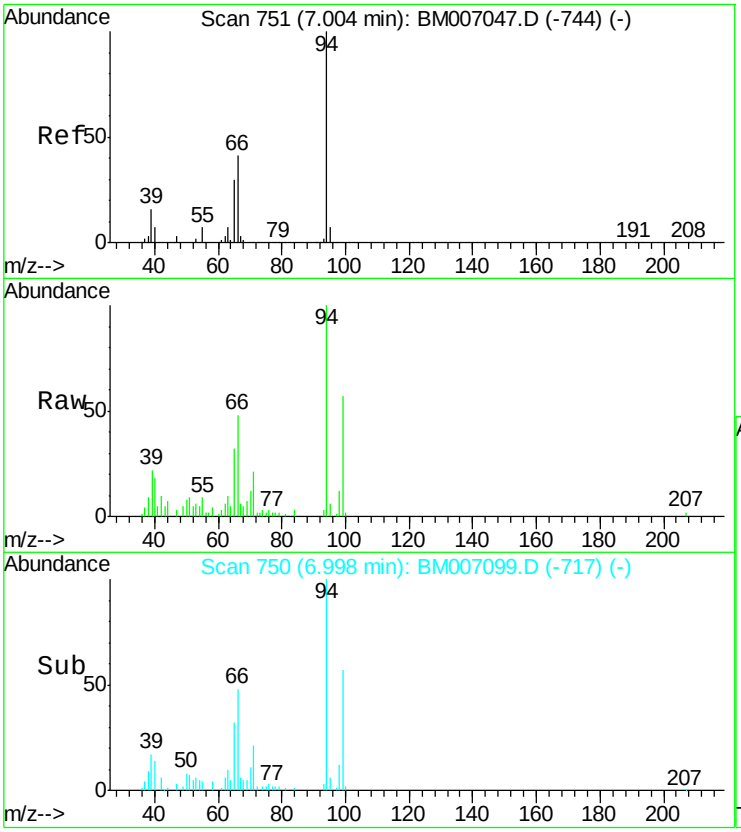
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007099.D
Acq On : 14 Aug 2016 09:49
Operator : UM/SJ
Sample : H4387-14
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Quant Time: Aug 15 10:25:51 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



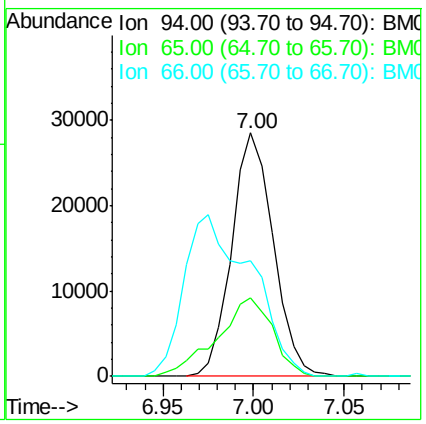


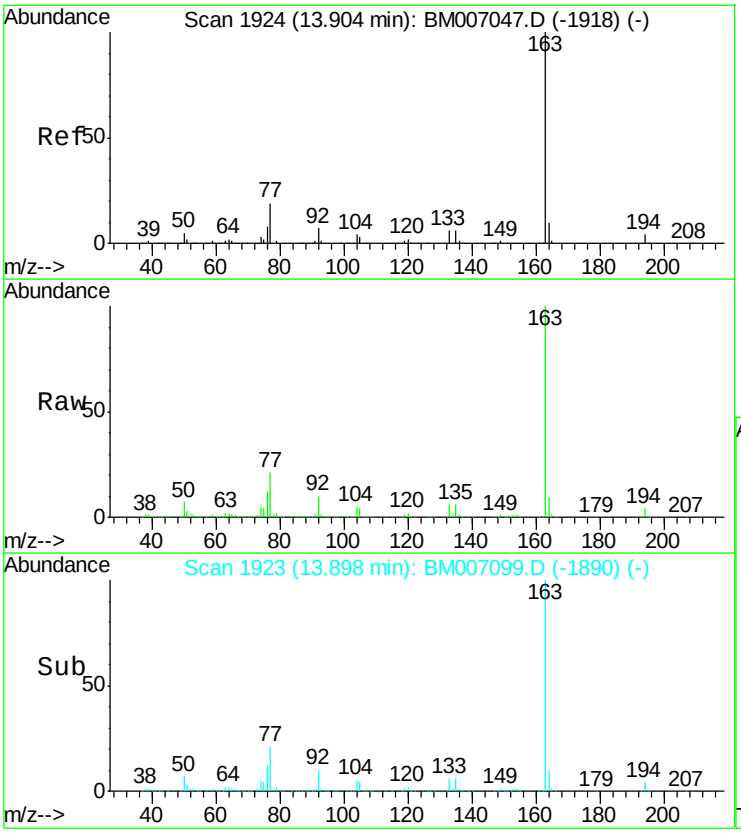
#6
Phenol
Concen: 1.75 ng/ul
RT: 7.00 min Scan# 750
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion: 94 Resp: 45482

Ion	Ratio	Lower	Upper
94	100		
65	32.1	23.9	35.9
66	47.5	33.5	50.3

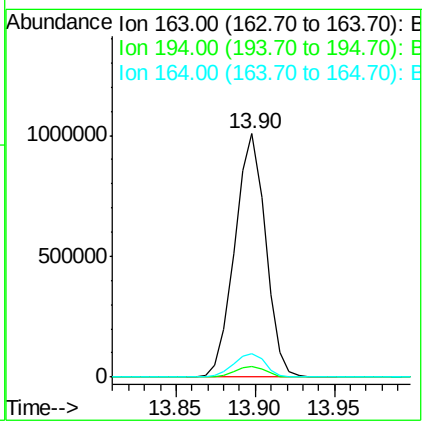


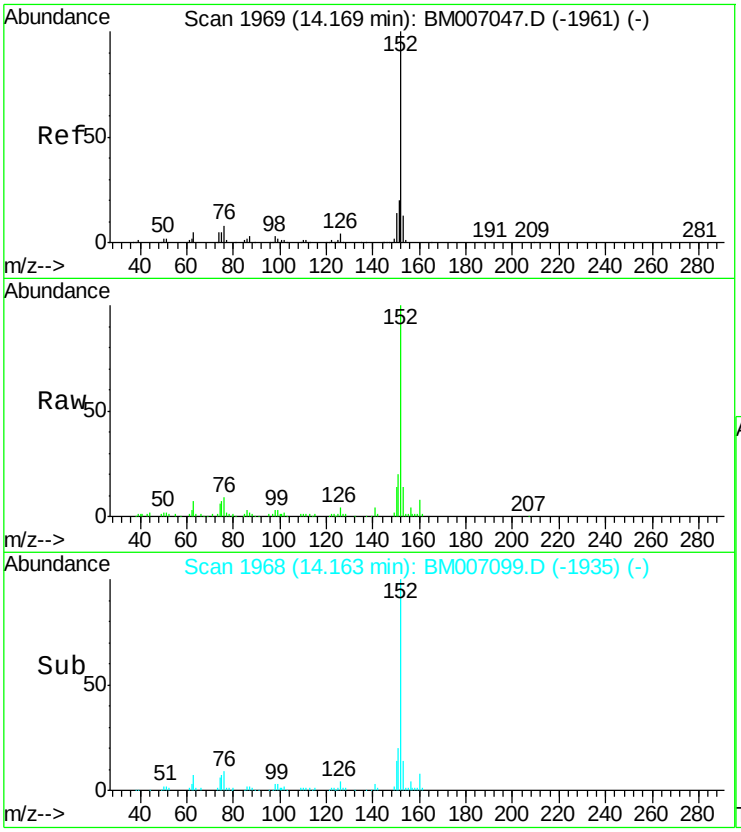


#44
Dimethylphthalate
Concen: 22.51 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:163 Resp: 1353928

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	7.8	11.8



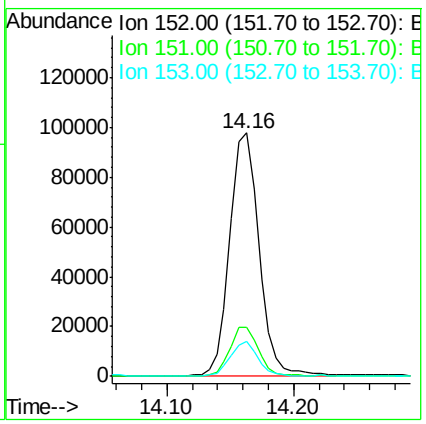


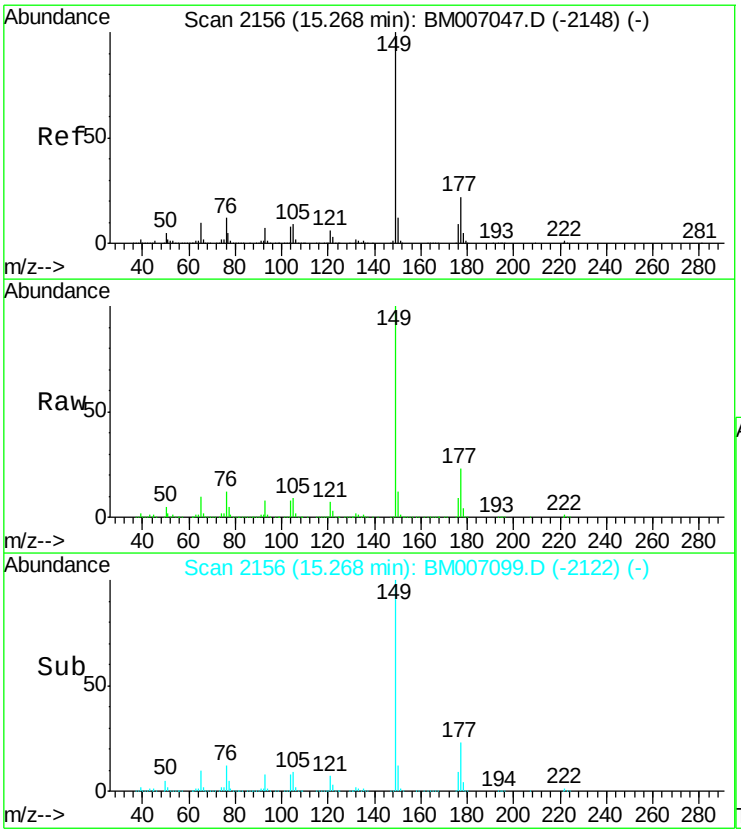
#47
Acenaphthylene
Concen: 2.12 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:152 Resp: 157892

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	14.4	11.0	16.6

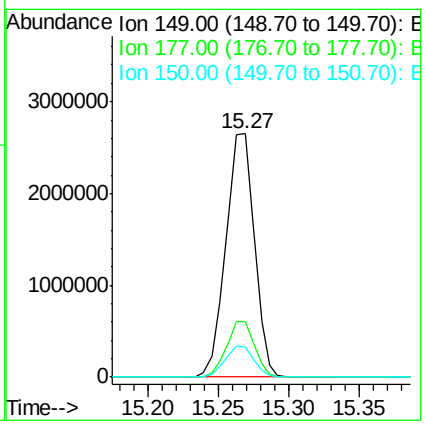


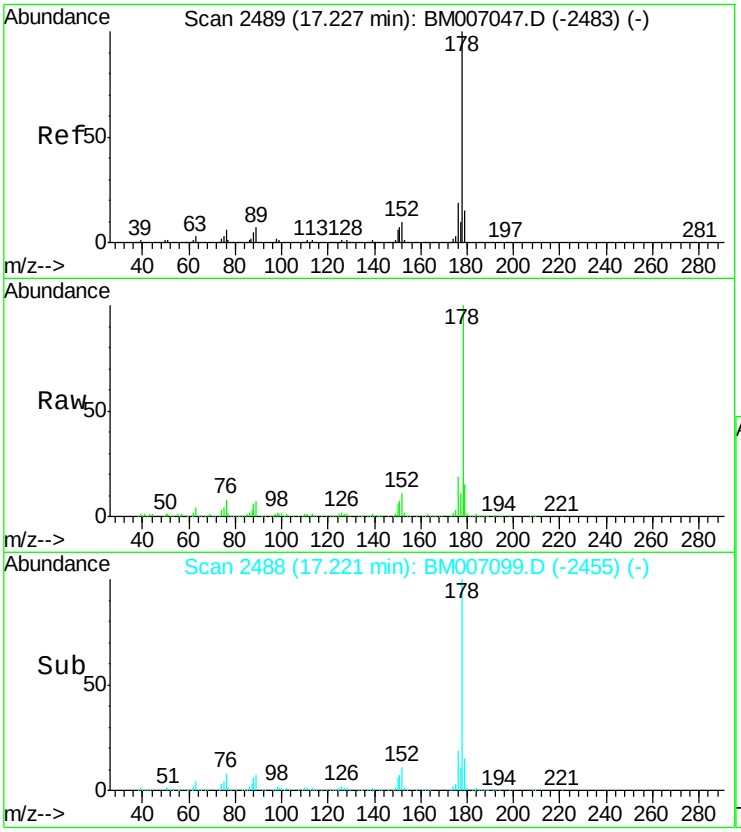


#56
Diethylphthalate
Concen: 58.76 ng/ul
RT: 15.27 min Scan# 2156
Delta R.T. 0.00 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:149 Resp: 3728428

Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.6	28.0
150	12.4	10.0	15.0



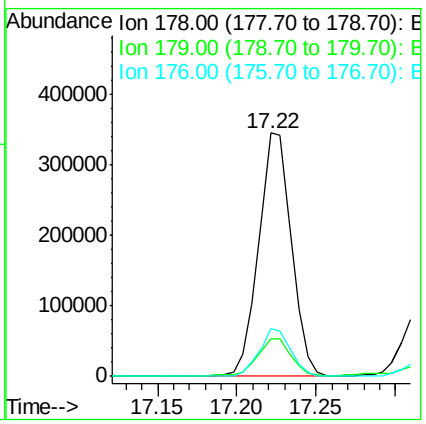


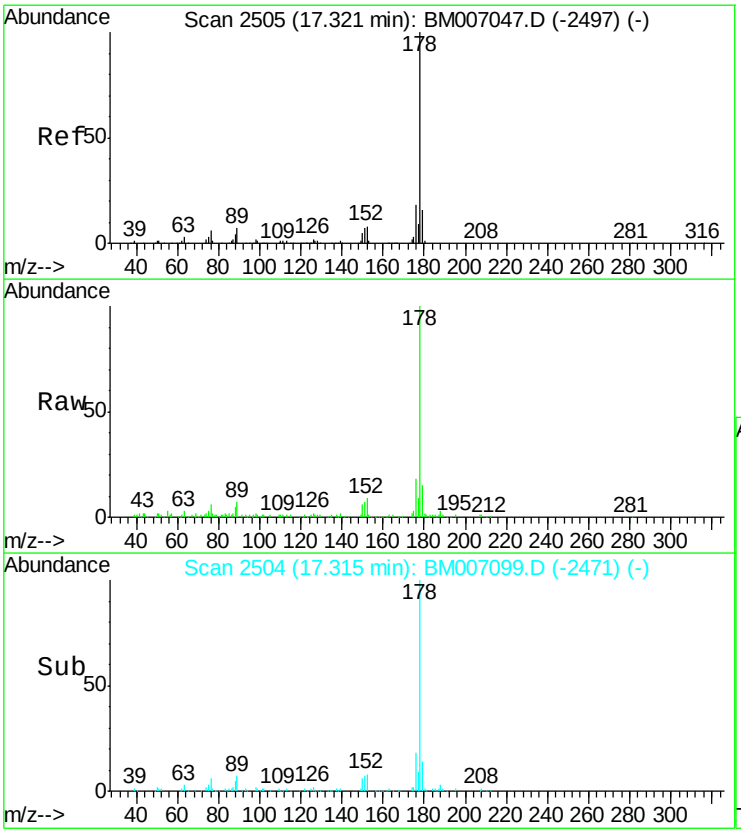
#69
Phenanthrene
Concen: 5.45 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:178 Resp: 496318

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.4	15.1	22.7

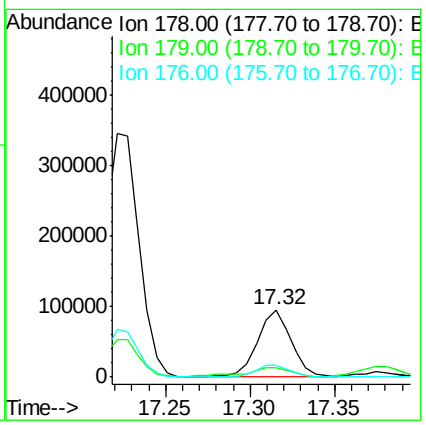


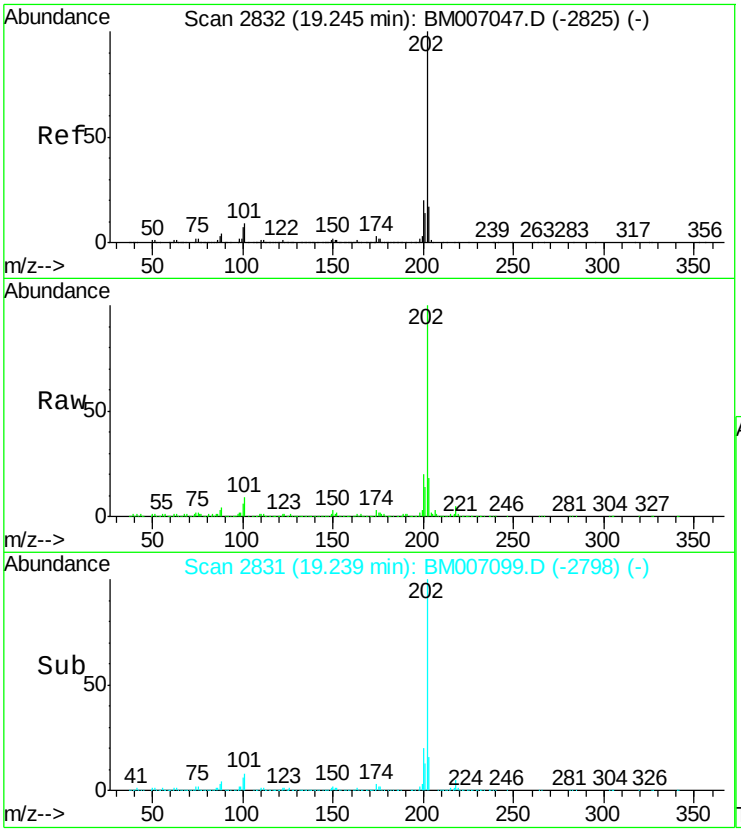


#71
Anthracene
Concen: 1.38 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:178 Resp: 129326

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.1	18.1
176	17.7	14.5	21.7



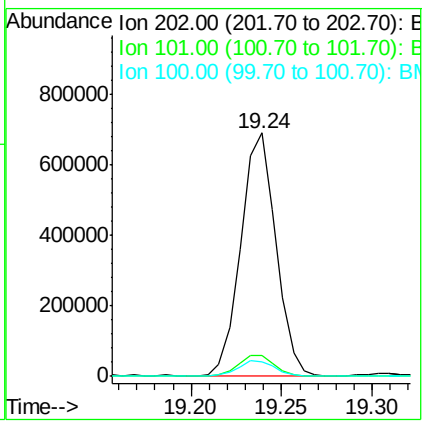


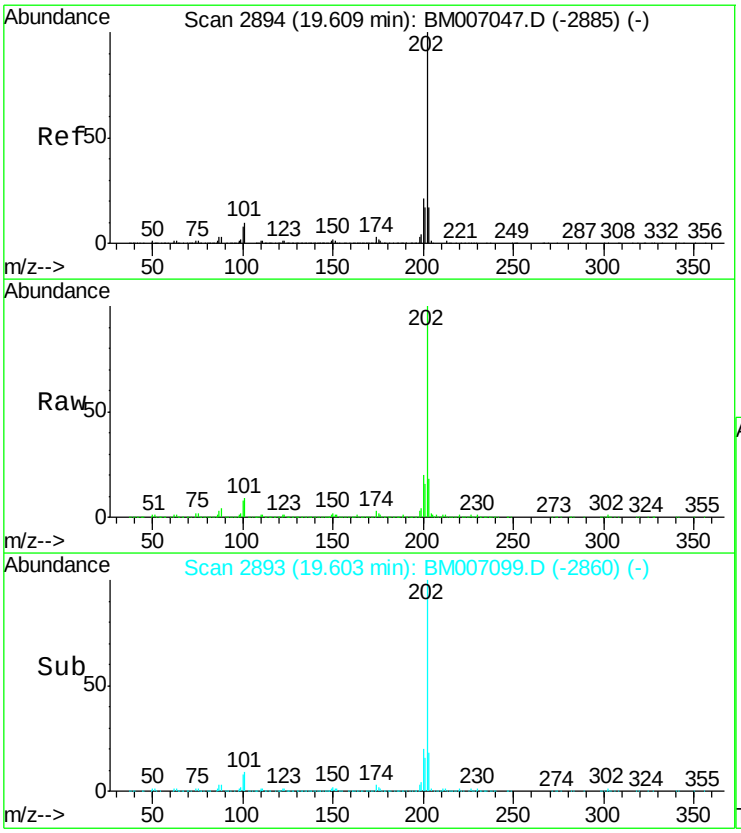
#74
Fluoranthene
Concen: 8.39 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:202 Resp: 927681

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.1	5.4	8.0

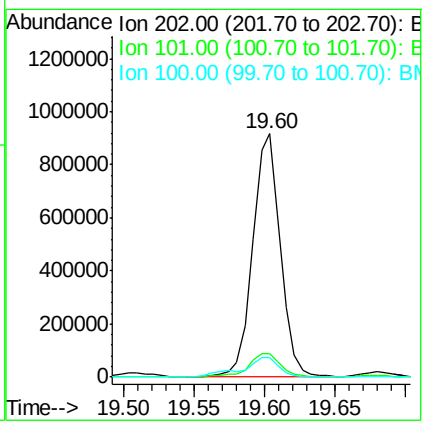


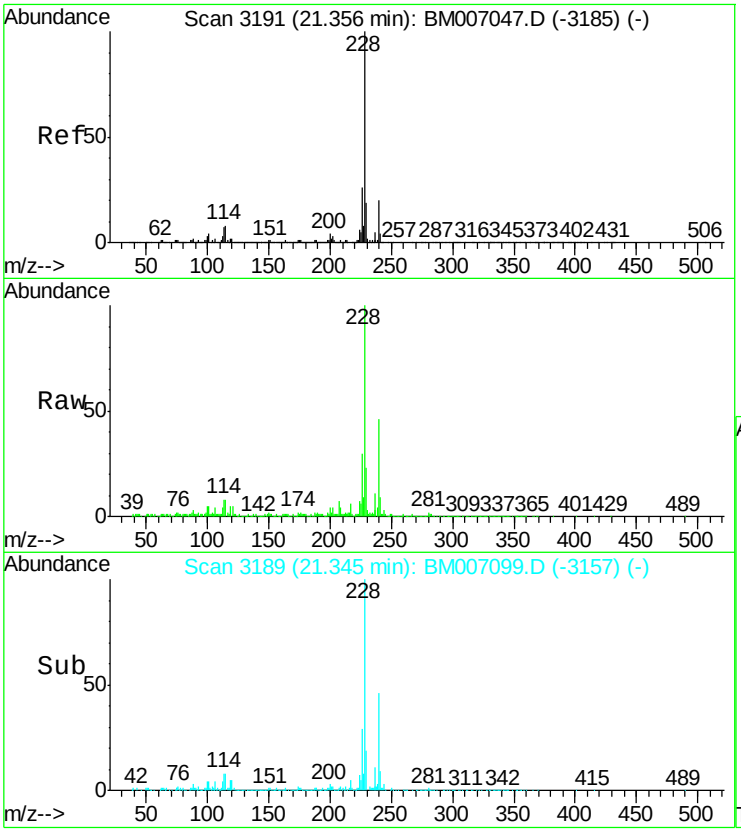


#77
Pyrene
Concen: 10.86 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:202 Resp: 1255668

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.4	12.6
100	7.9	6.9	10.3



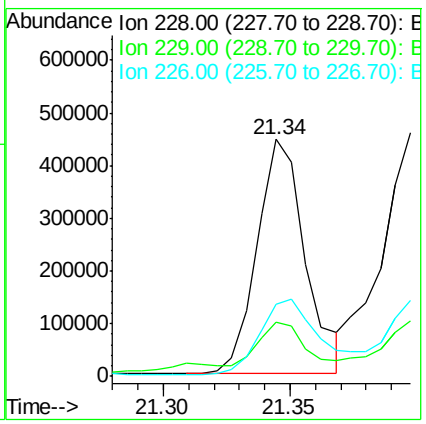


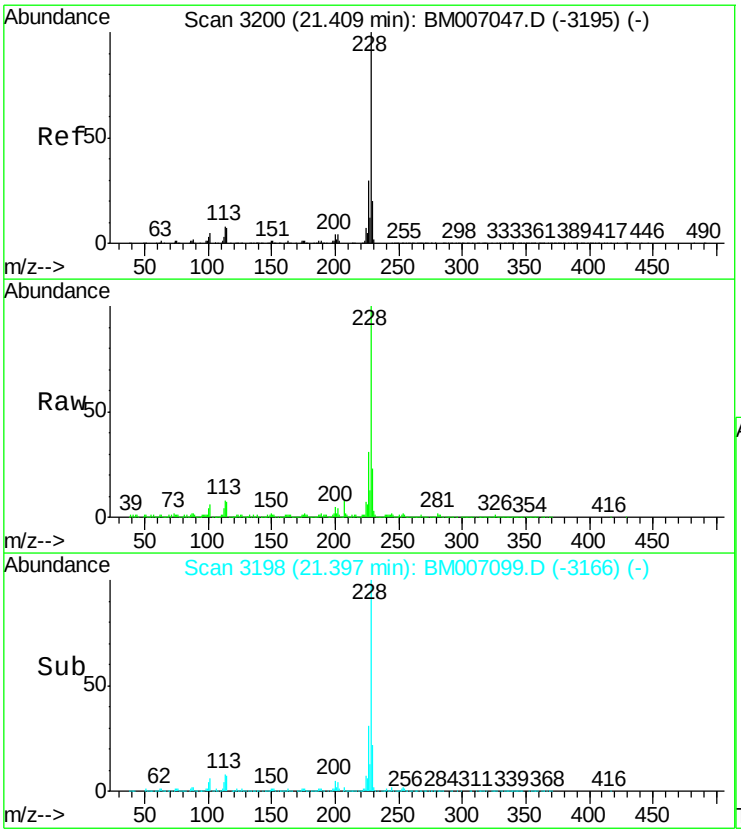
#80
Benzo(a)anthracene
Concen: 4.79 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:228 Resp: 592058

Ion	Ratio	Lower	Upper
228	100		
229	22.7	15.6	23.4
226	30.4	21.8	32.8

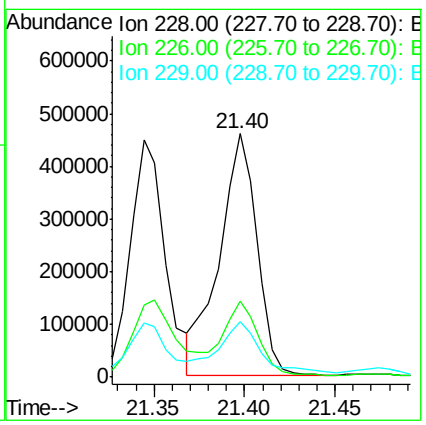


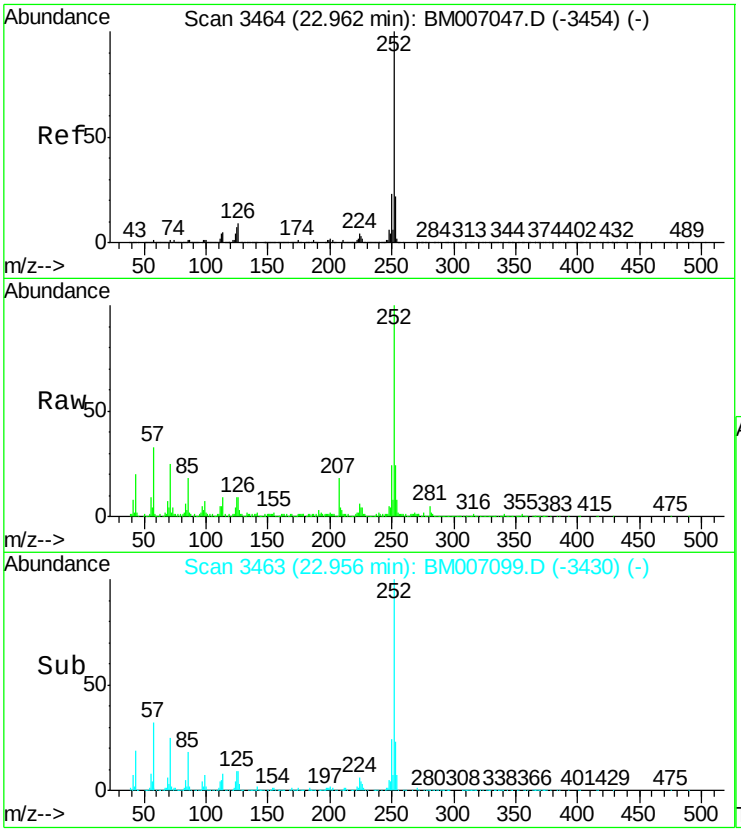


#82
Chrysene
Concen: 5.86 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:228 Resp: 661634

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



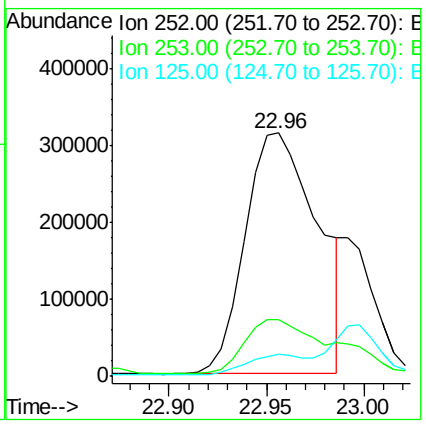


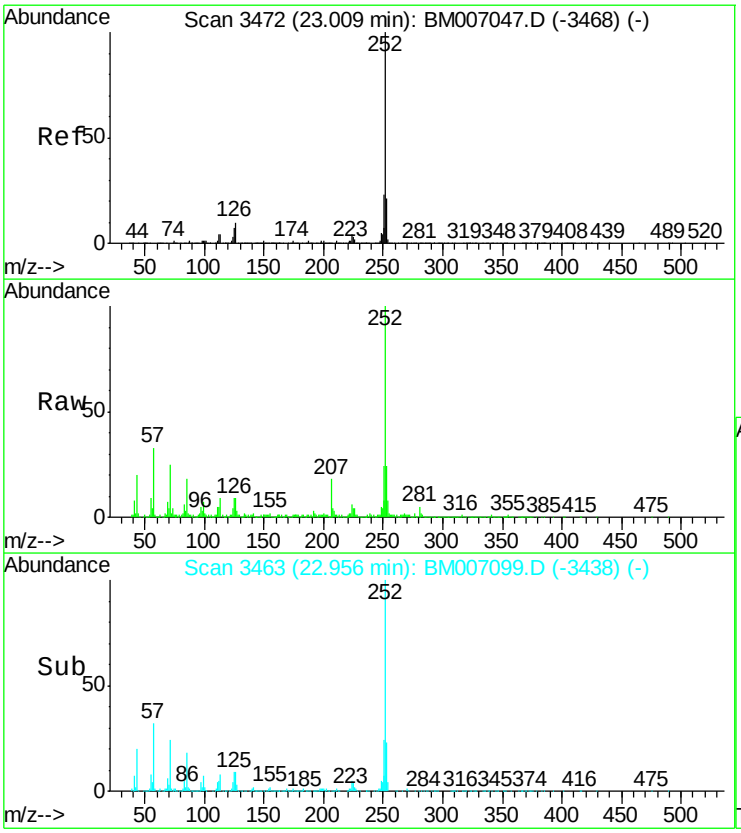
#85
Benzo(b)fluoranthene
Concen: 5.77 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:252 Resp: 801497

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	9.3	5.8	8.8#

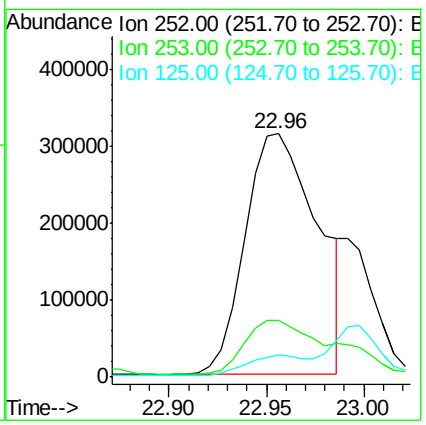


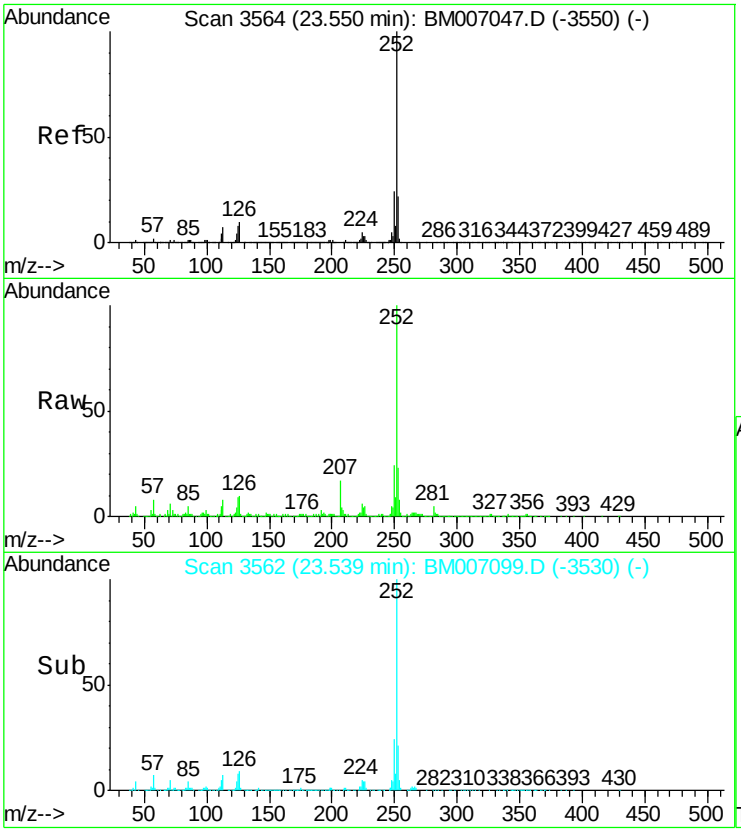


#86
Benzo(k)fluoranthene
Concen: 6.15 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:252 Resp: 801497

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	9.3	5.7	8.5#



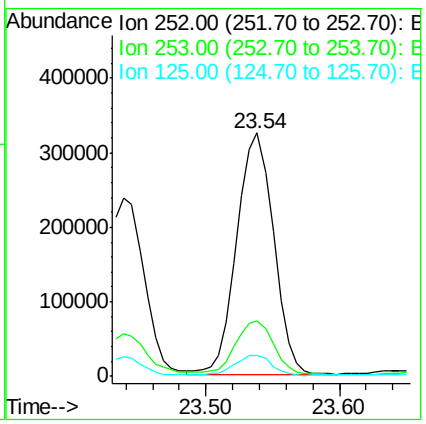


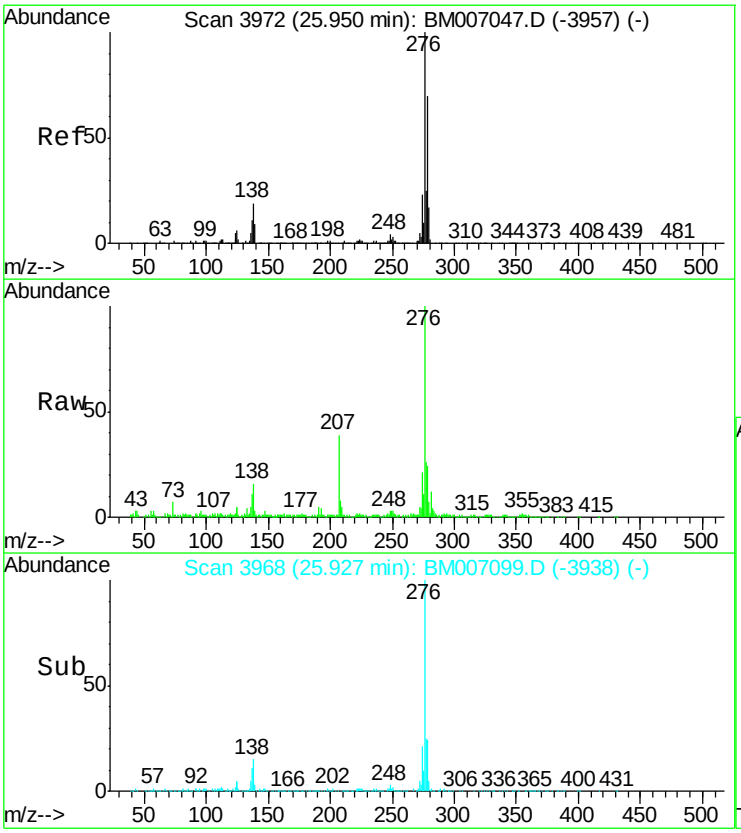
#88
Benzo(a)pyrene
Concen: 4.70 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:252 Resp: 618076

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.7	26.5
125	8.7	6.6	9.8

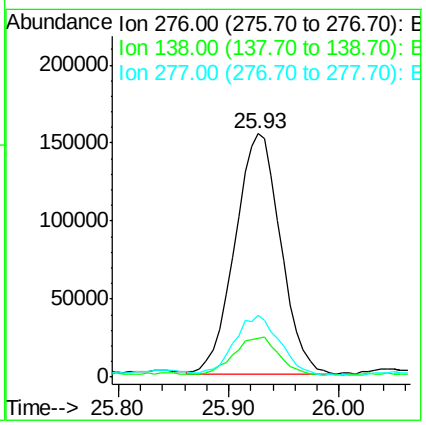


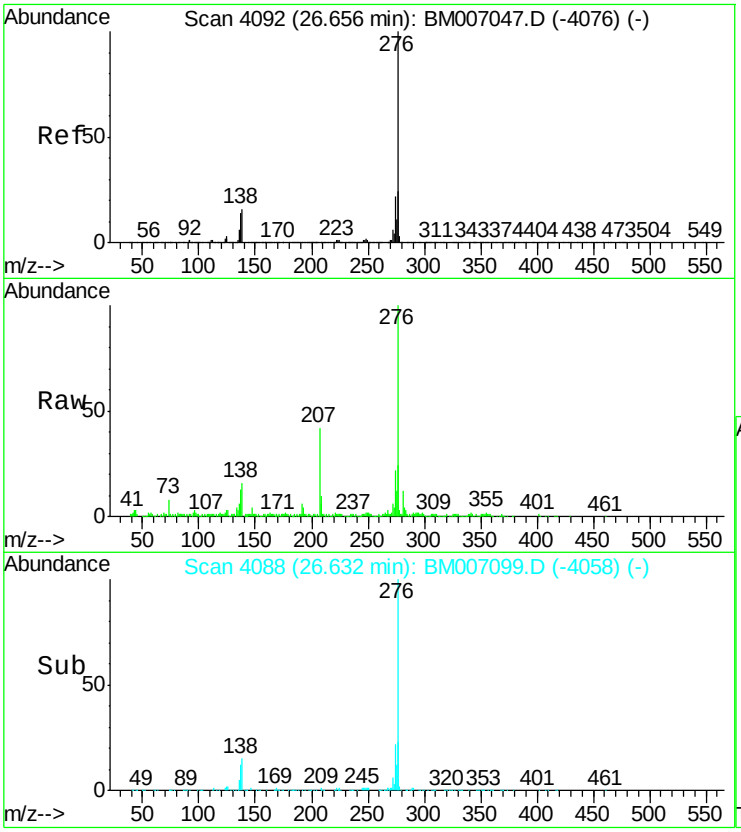


#89
Indeno(1,2,3-cd)pyrene
Concen: 2.76 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Tgt Ion:276 Resp: 444877

Ion	Ratio	Lower	Upper
276	100		
138	15.8	13.9	20.9
277	25.5	20.1	30.1





#91
Benzo(g,h,i)perylene
Concen: 3.25 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. -0.02 min
Lab File: BM007099.D
Acq: 14 Aug 2016 09:49

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0002-01

Tgt Ion:276 Resp: 442503

Ion	Ratio	Lower	Upper
276	100		
138	16.0	13.5	20.3
277	24.1	19.3	28.9