Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007100.D
Acq On : 14 Aug 2016 10:25
Operator : UM/SJ
Sample : H4387-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P003-SS004-0206-01

Quant Time: Aug 15 10:26:04 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	285165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1164170	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	664640	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	1536413	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1909264	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	2187355	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	23568	3.61	ng/uL	0.00
5) Phenol-d5	6.97	99	484032	20.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	289361	21.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	401477	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	364443	19.17	ng/ul	-0.01
19) Nitrobenzene-d5	8.96	128	189944	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	211379	23.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	404119	21.36	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.73	131	430252	19.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1232121	22.44	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1517465	23.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	184522	18.75	ng/ul	0.00
57) Fluorene-d10	15.43	176	1080770	22.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	148376	17.48	ng/ul	-0.01
70) Anthracene-d10	17.28	188	1649188	23.17	ng/ul	0.00
76) Pyrene-d10	19.57	212	1961711	24.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	2380566	23.79	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.90	163	179349	3.27	ng/ul	99
47) Acenaphthylene	14.16	152	189718	2.79	ng/ul	99
69) Phenanthrene	17.22	178	670140	8.11	ng/ul	99
71) Anthracene	17.32	178	168506	1.99	ng/ul	99
74) Fluoranthene	19.24	202	1119196	11.17	ng/ul	100
77) Pyrene	19.60	202	1549079	14.68	ng/ul	97
80) Benzo(a)anthracene	21.34	228	744397	6.60	ng/ul	91
82) Chrysene	21.40	228	816317	7.92	ng/ul	97
85) Benzo(b)fluoranthene	22.96	252	941736	7.15	ng/ul	97
86) Benzo(k)fluoranthene	22.96	252	941736	7.61	ng/ul#	98
88) Benzo(a)pyrene	23.54	252	747242	5.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	507745	3.32	ng/ul	97
90) Dibenzo(a,h)anthracene	25.93	278	141776	1.10	ng/ul#	92
91) Benzo(g,h,i)perylene	26.63	276	498704	3.85	ng/ul	99

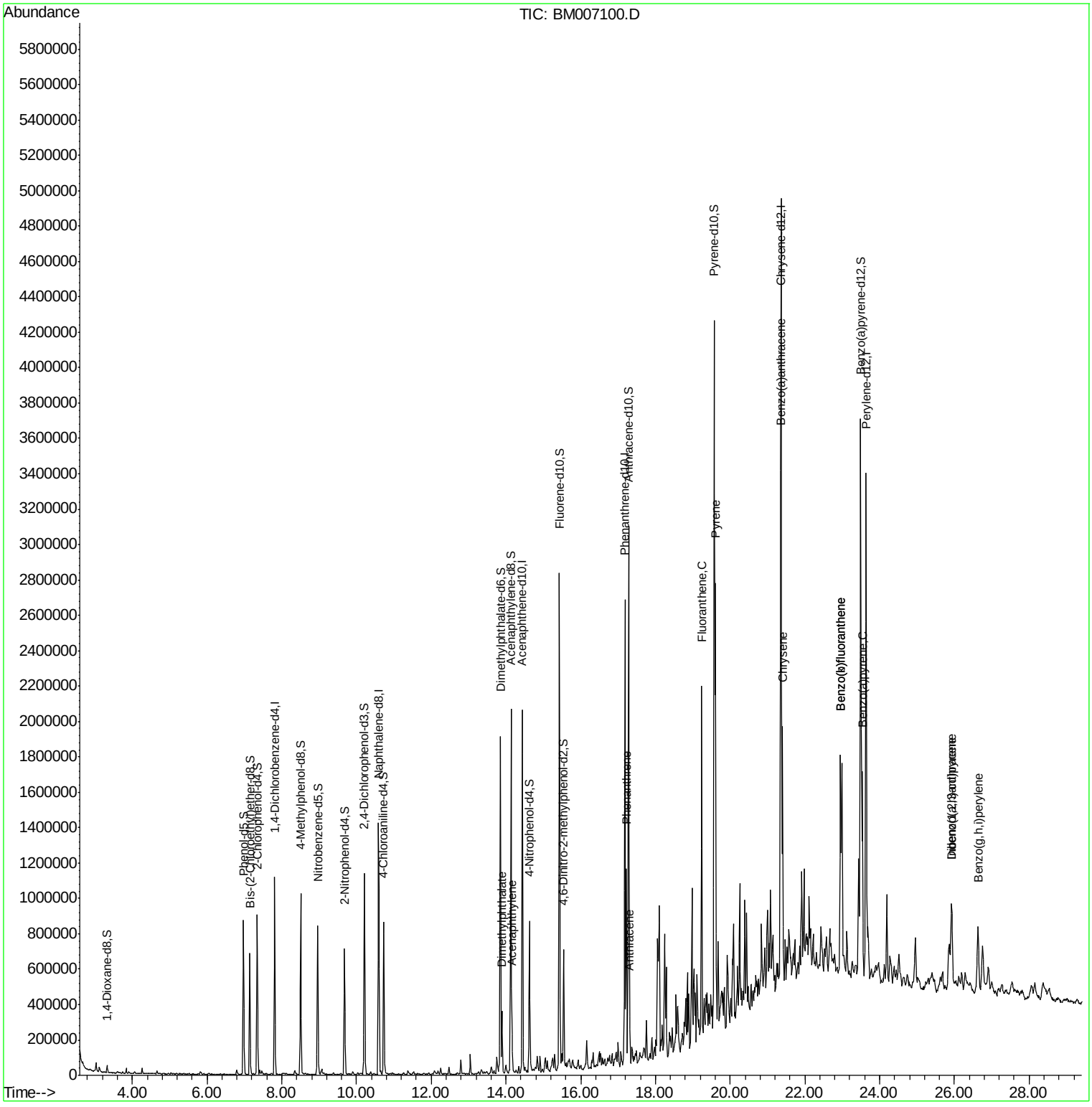
(#) = qualifier out of range (m) = manual integration (+) = signals summed

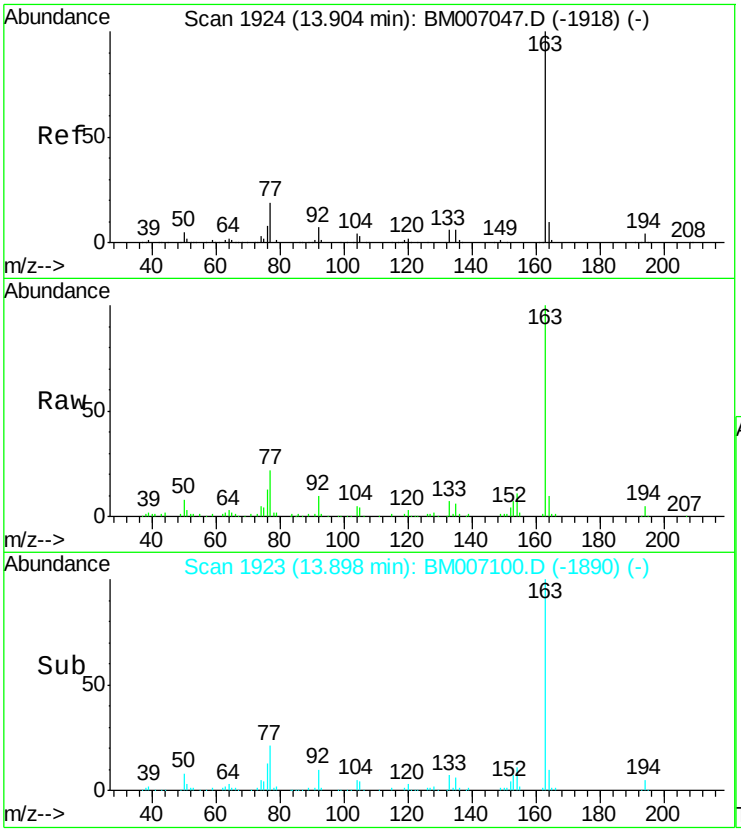
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081316\
Data File : BM007100.D
Acq On : 14 Aug 2016 10:25
Operator : UM/SJ
Sample : H4387-15
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Quant Time: Aug 15 10:26:04 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



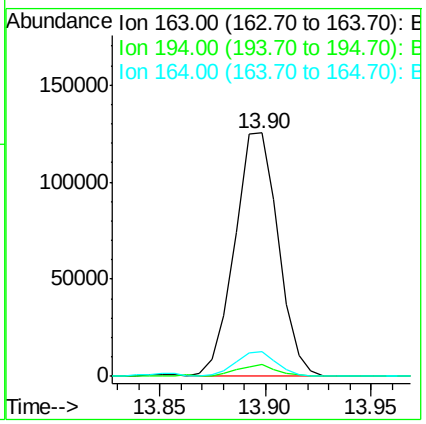


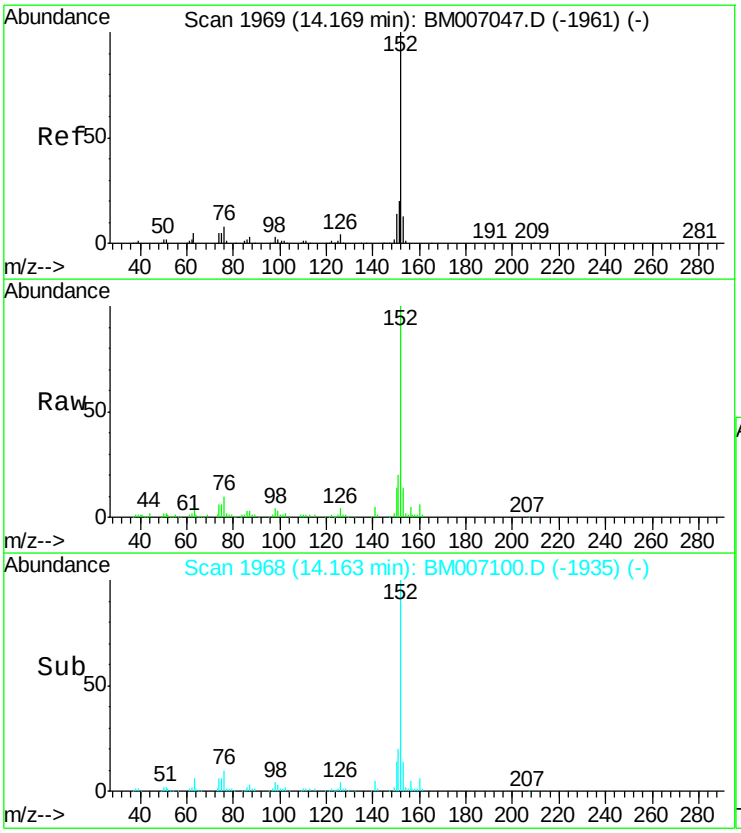
#44
Dimethylphthalate
Concen: 3.27 ng/ul
RT: 13.90 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:163 Resp: 179349

Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.4	5.2
164	10.0	7.8	11.8

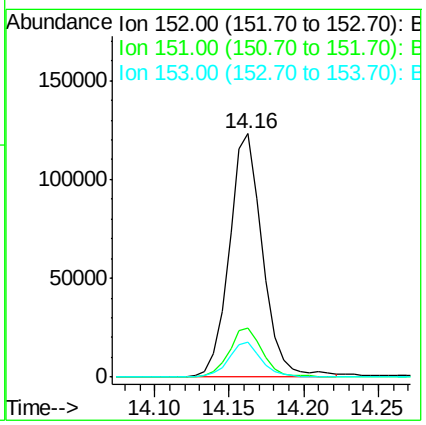


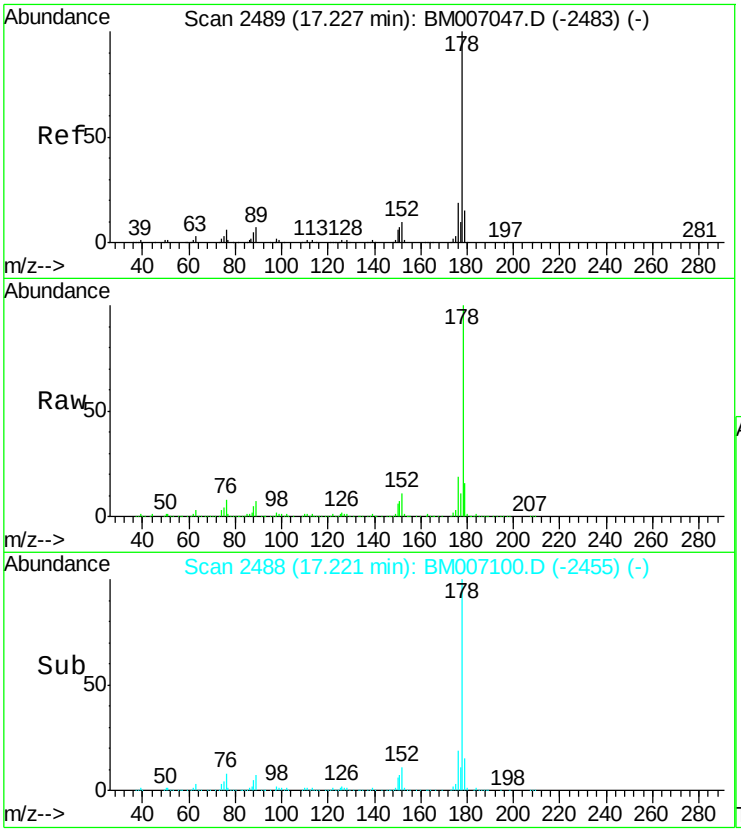


#47
Acenaphthylene
Concen: 2.79 ng/ul
RT: 14.16 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:152 Resp: 189718

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



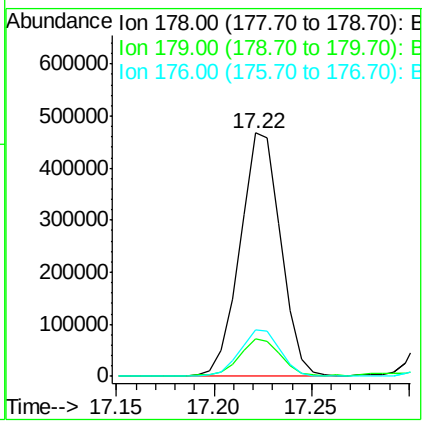


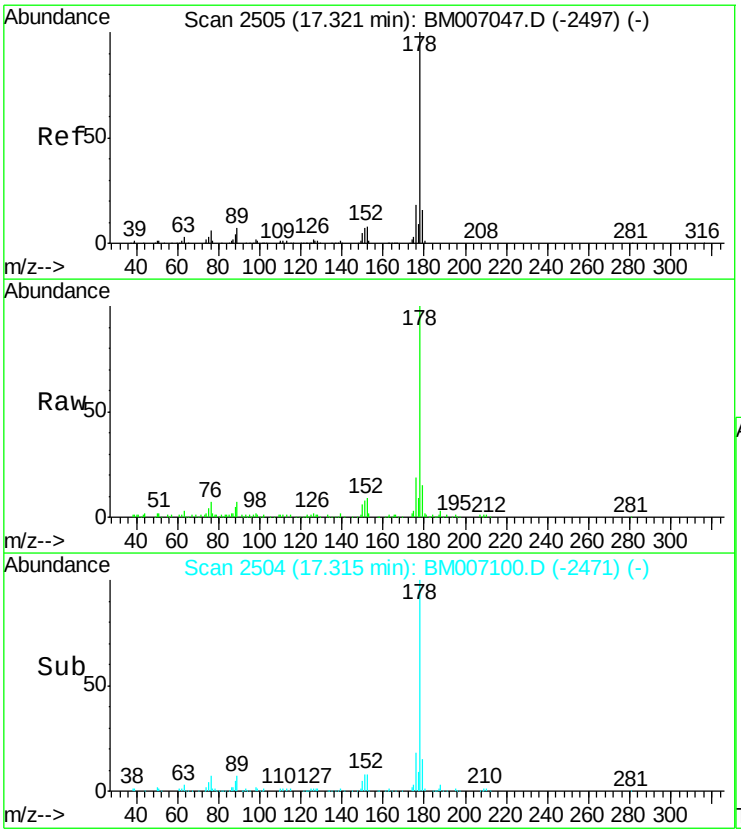
#69
Phenanthrene
Concen: 8.11 ng/ul
RT: 17.22 min Scan# 2488
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:178 Resp: 670140

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.1	15.1	22.7

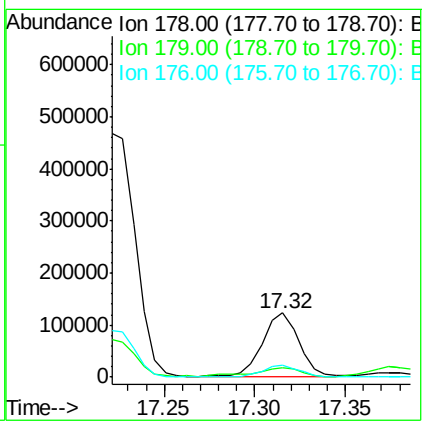


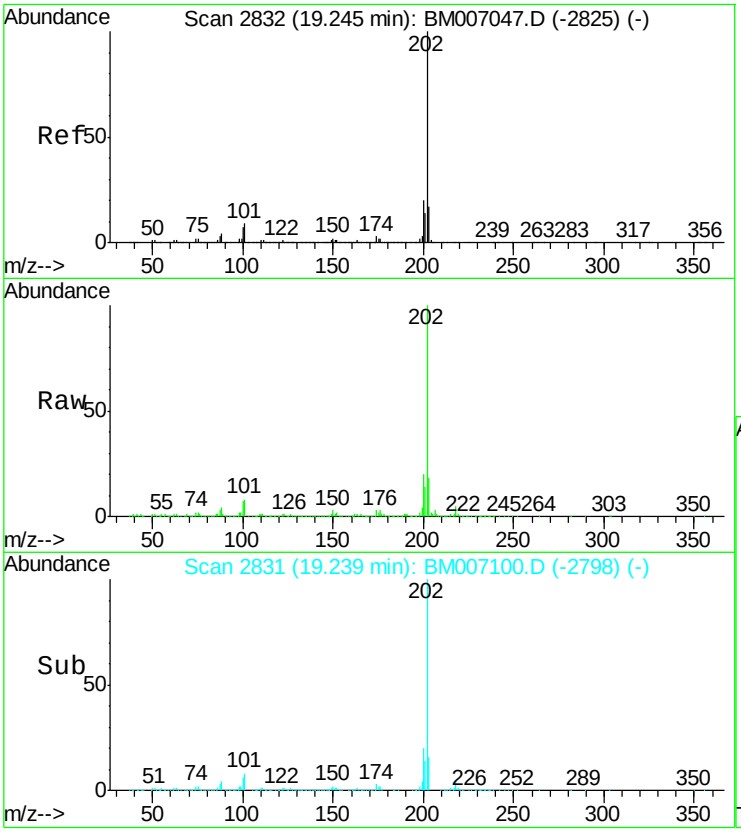


#71
Anthracene
Concen: 1.99 ng/ul
RT: 17.32 min Scan# 2504
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:178 Resp: 168506

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.7	14.5	21.7



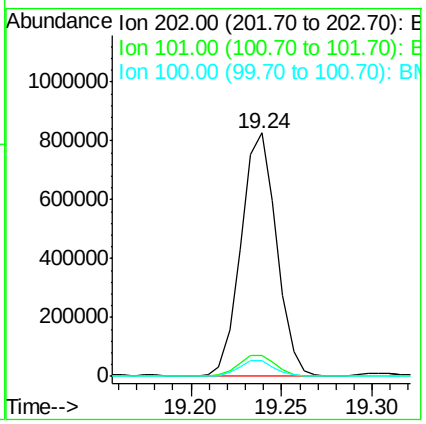


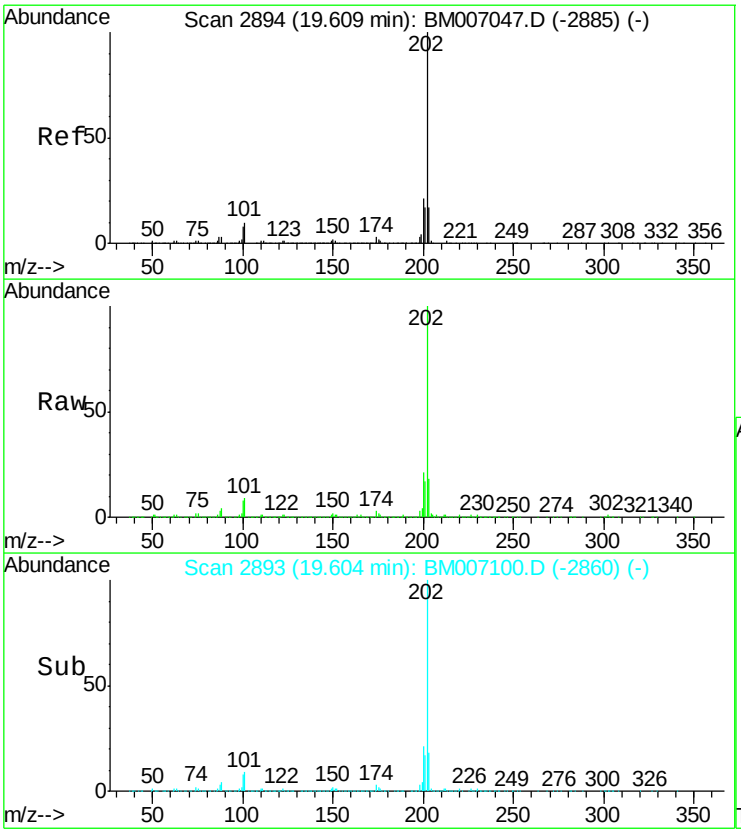
#74
Fluoranthene
Concen: 11.17 ng/ul
RT: 19.24 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:202 Resp: 1119196

Ion	Ratio	Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.7	5.4	8.0

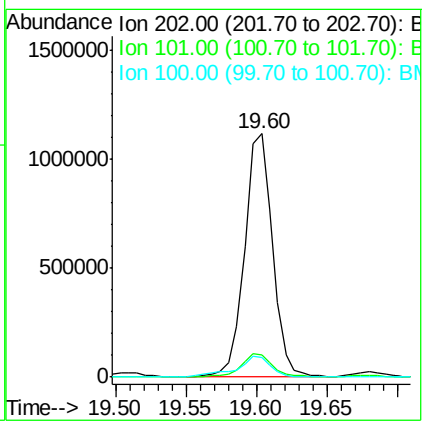


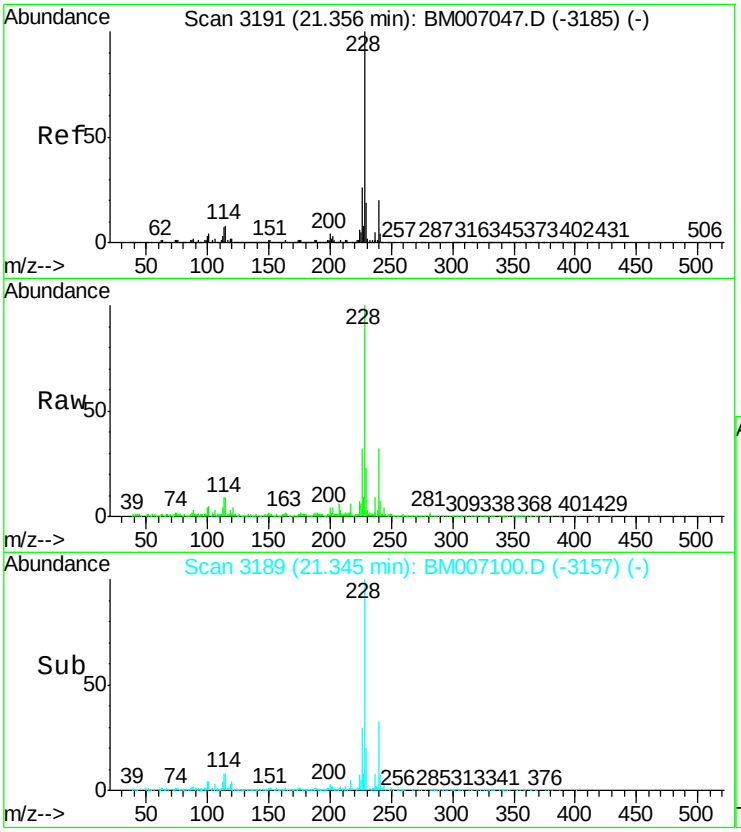


#77
Pyrene
Concen: 14.68 ng/ul
RT: 19.60 min Scan# 2893
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:202 Resp: 1549079

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.4	12.6
100	7.9	6.9	10.3



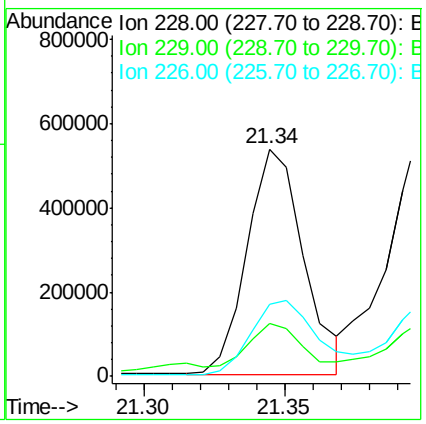


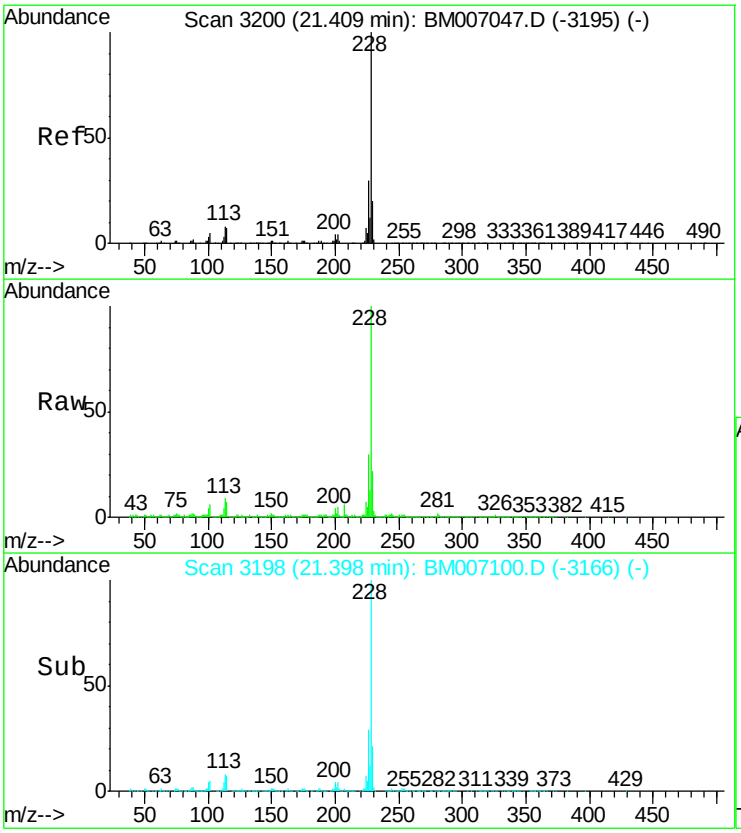
#80
Benzo(a)anthracene
Concen: 6.60 ng/ul
RT: 21.34 min Scan# 3189
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:228 Resp: 744397

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.6	23.4
226	31.7	21.8	32.8

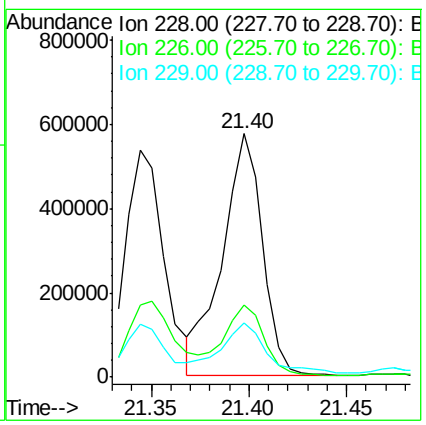


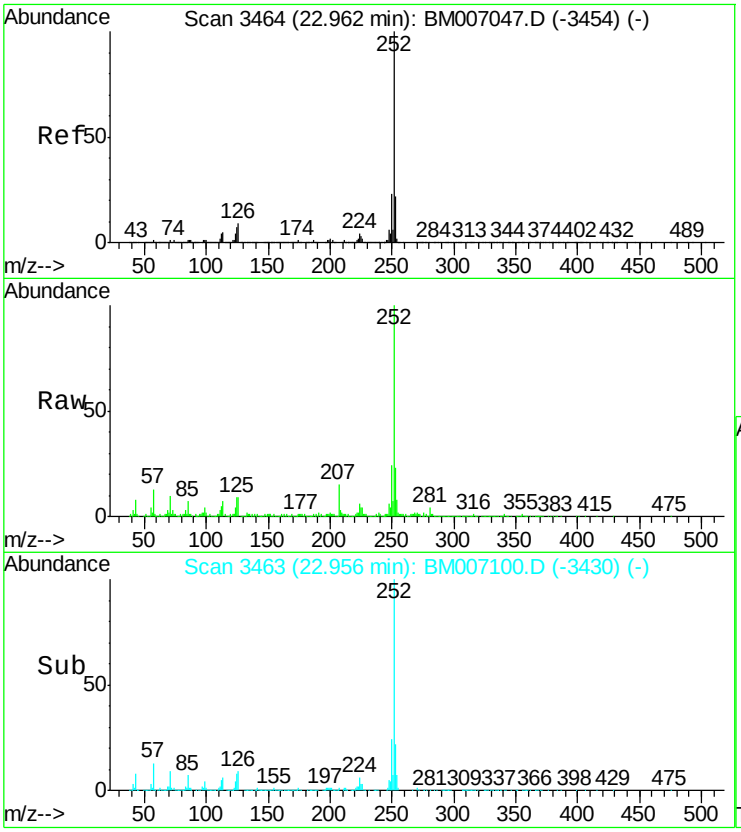


#82
Chrysene
Concen: 7.92 ng/ul
RT: 21.40 min Scan# 3198
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:228 Resp: 816317

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.4	35.2
229	22.1	15.5	23.3



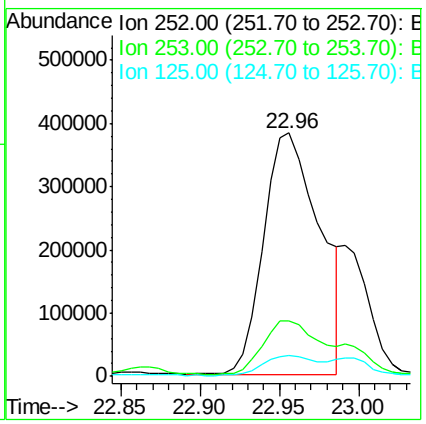


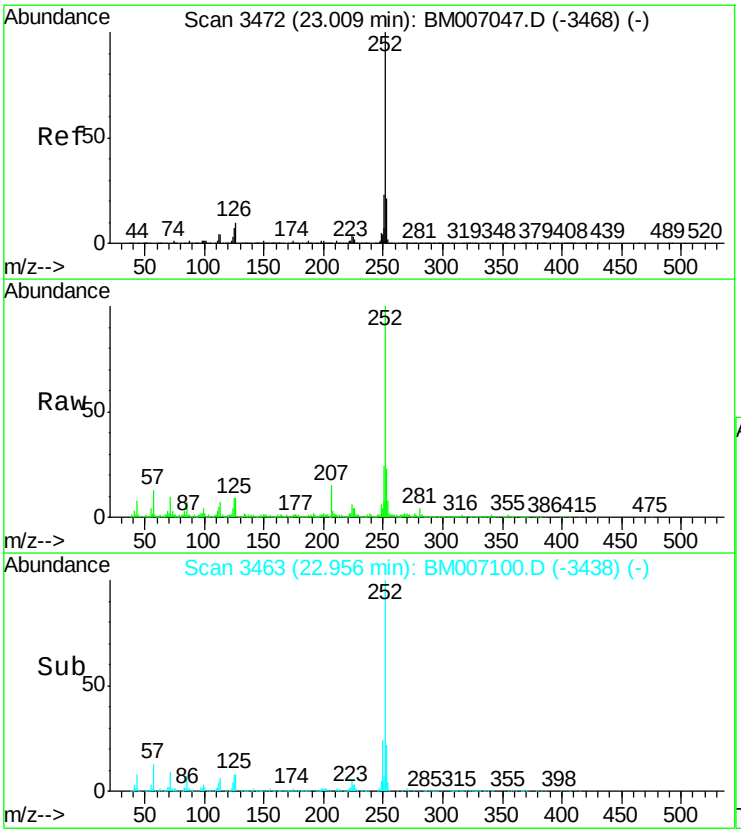
#85
Benzo(b)fluoranthene
Concen: 7.15 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:252 Resp: 941736

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	8.7	5.8	8.8

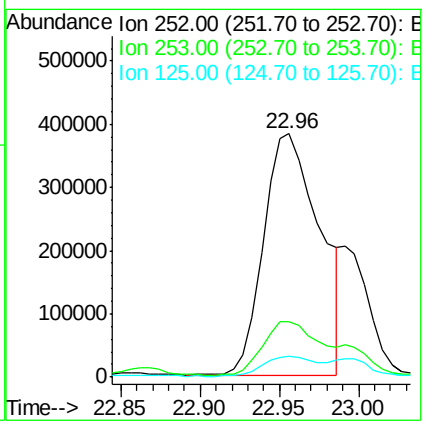


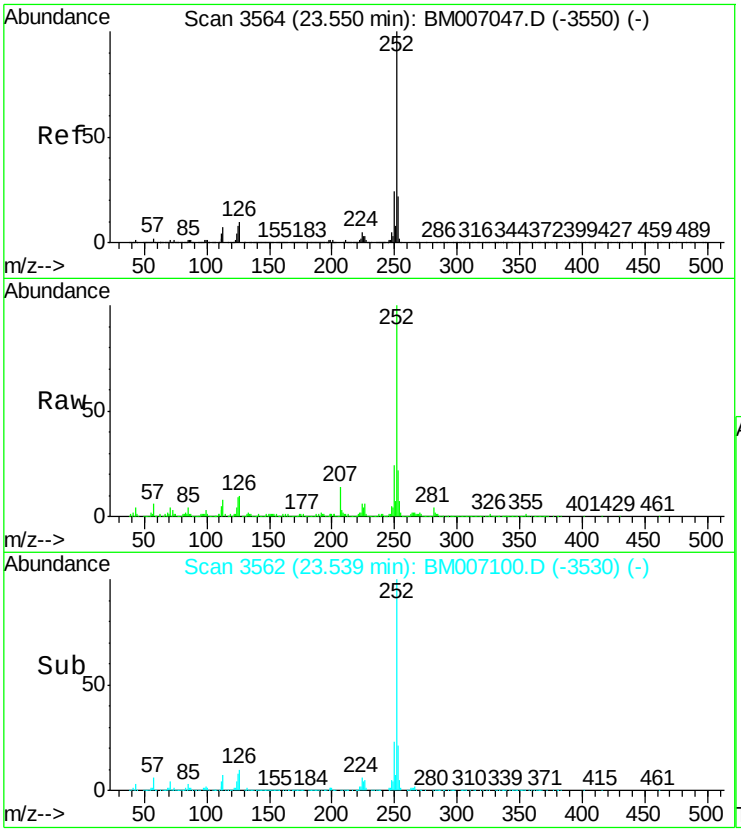


#86
Benzo(k)fluoranthene
Concen: 7.61 ng/ul
RT: 22.96 min Scan# 3463
Delta R.T. -0.05 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:252 Resp: 941736

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	8.7	5.7	8.5#



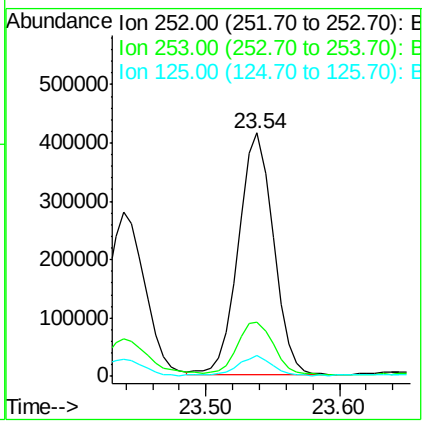


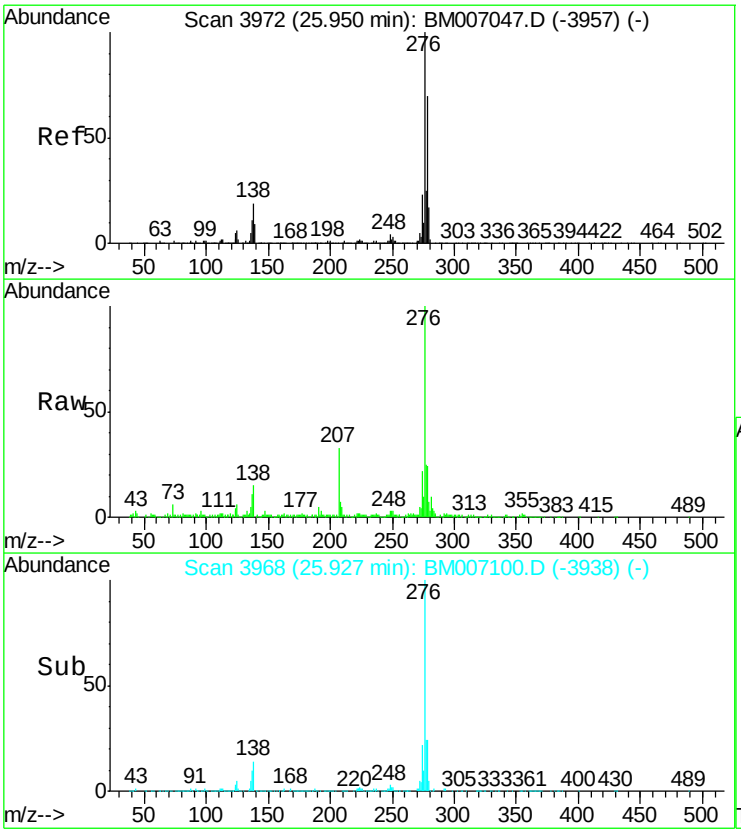
#88
Benzo(a)pyrene
Concen: 5.98 ng/ul
RT: 23.54 min Scan# 3562
Delta R.T. -0.01 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:252 Resp: 747242

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	8.6	6.6	9.8

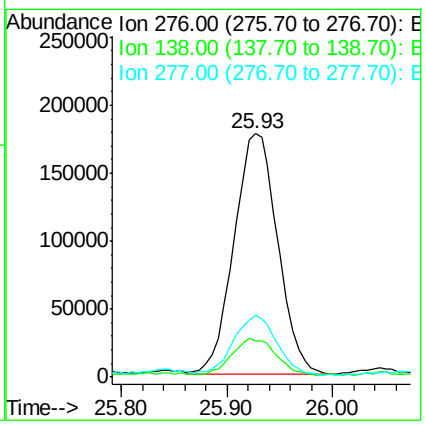


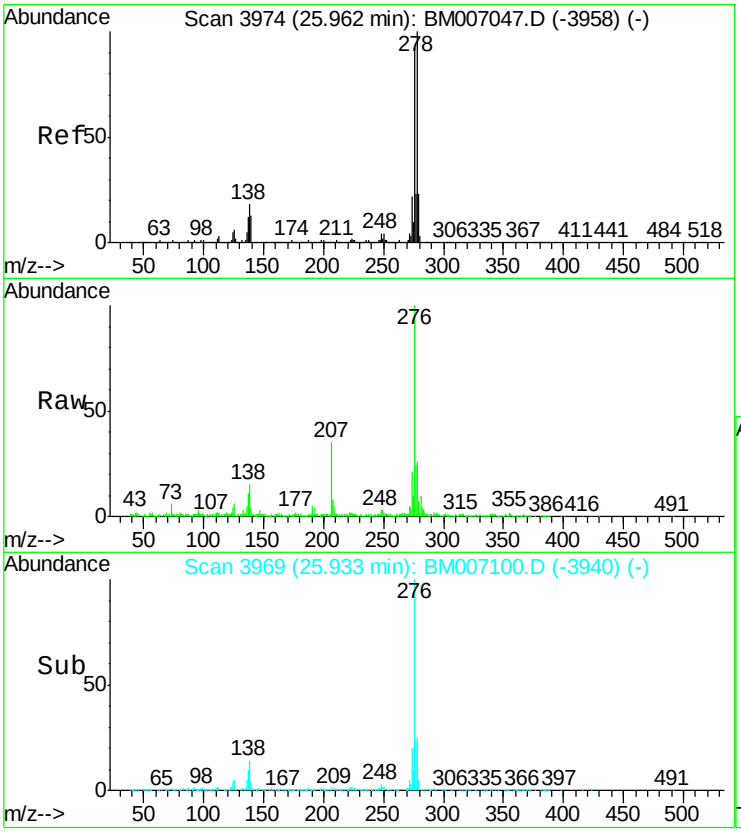


#89
Indeno(1,2,3-cd)pyrene
Concen: 3.32 ng/ul
RT: 25.93 min Scan# 3968
Delta R.T. -0.02 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:276 Resp: 507745

Ion	Ratio	Lower	Upper
276	100		
138	15.0	13.9	20.9
277	25.5	20.1	30.1



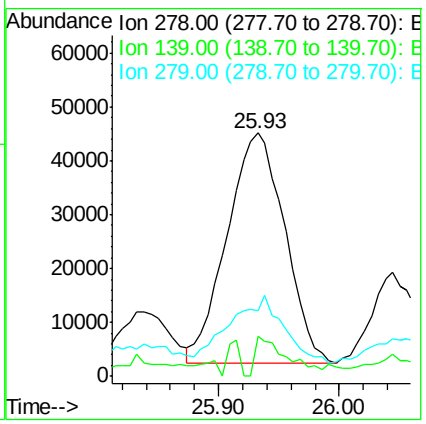


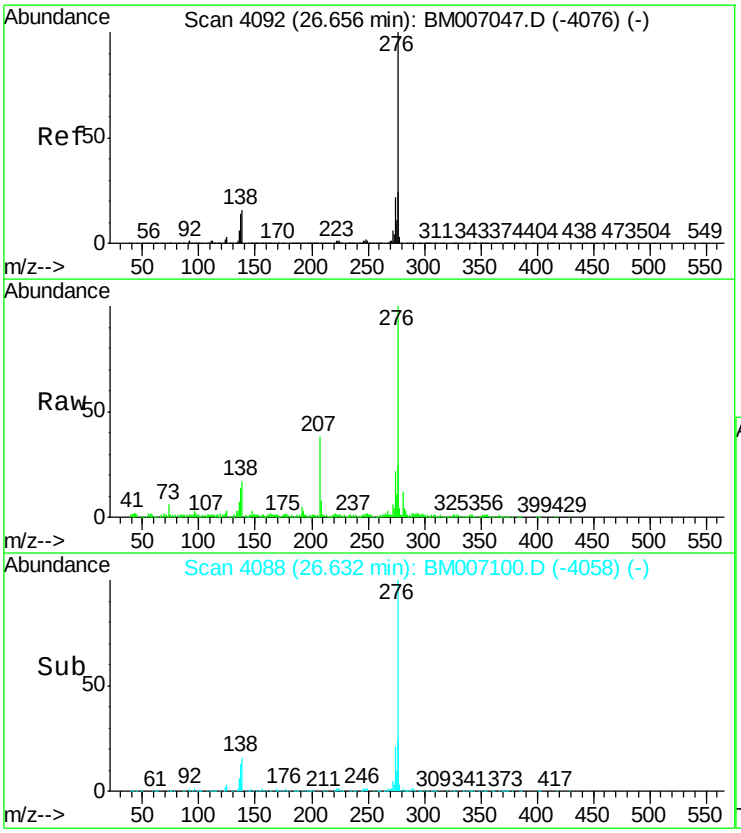
#90
Dibenzo(a,h)anthracene
Concen: 1.10 ng/ul
RT: 25.93 min Scan# 3969
Delta R.T. -0.03 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Instrument :
BNA_M
ClientSampleId :
P003-SS004-0206-01

Tgt Ion:278 Resp: 141776

Ion	Ratio	Lower	Upper
278	100		
139	16.7	9.5	14.3#
279	27.1	19.1	28.7





#91
Benzo(g,h,i)perylene
Concen: 3.85 ng/ul
RT: 26.63 min Scan# 4088
Delta R.T. -0.02 min
Lab File: BM007100.D
Acq: 14 Aug 2016 10:25

Tgt Ion:276 Resp: 498704

Ion	Ratio	Lower	Upper
276	100		
138	16.9	13.5	20.3
277	24.9	19.3	28.9