Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004198.D
Acq On : 08 Feb 2016 13:59
Operator : SJ/IZ
Sample : H1340-12 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C04K2

Quant Time: Feb 09 00:11:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	23404	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	116834	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	74096	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	181816	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	224057	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	243014	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.84	99	6269	2.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	3531	2.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	5481	3.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	4739	2.42	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	2450	2.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	2333	2.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	5035	2.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.60	131	5446	2.40	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	20541	3.22	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	24465	3.30	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	394	0.31	ng/ul	0.03
58) Fluorene-d10	15.31	176	20928	3.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	781	0.70	ng/ul	0.00
71) Anthracene-d10	17.16	188	32801	3.71	ng/ul	0.00
79) Pyrene-d10	19.47	212	39999	3.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	48481	3.83	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	10301	1.53	ng/ul#	96
50) Acenaphthene	14.38	153	32385	5.83	ng/ul	100
54) Dibenzofuran	14.72	168	12127	1.54	ng/ul	96
59) Fluorene	15.37	166	21954	3.34	ng/ul	100
70) Phenanthrene	17.11	178	337970	30.46	ng/ul	100
72) Anthracene	17.20	178	90167	8.01	ng/ul	99
75) Carbazole	17.47	167	40659	3.97	ng/ul	100
77) Fluoranthene	19.14	202	759469	58.80	ng/ul	100
80) Pyrene	19.50	202	673191	48.87	ng/ul	100
83) Benzo(a)anthracene	21.26	228	464306	32.55	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	422603	47.87	ng/ul	98
85) Chrysene	21.32	228	430179	31.72	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	604716	38.98	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	159364	11.03	ng/ul	98
91) Benzo(a)pyrene	23.41	252	415580	27.73	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	254174	14.21	ng/ul	95
93) Dibenzo(a,h)anthracene	25.76	278	71342	4.78	ng/ul#	80
94) Benzo(g,h,i)perylene	26.46	276	178262	11.69	ng/ul	100

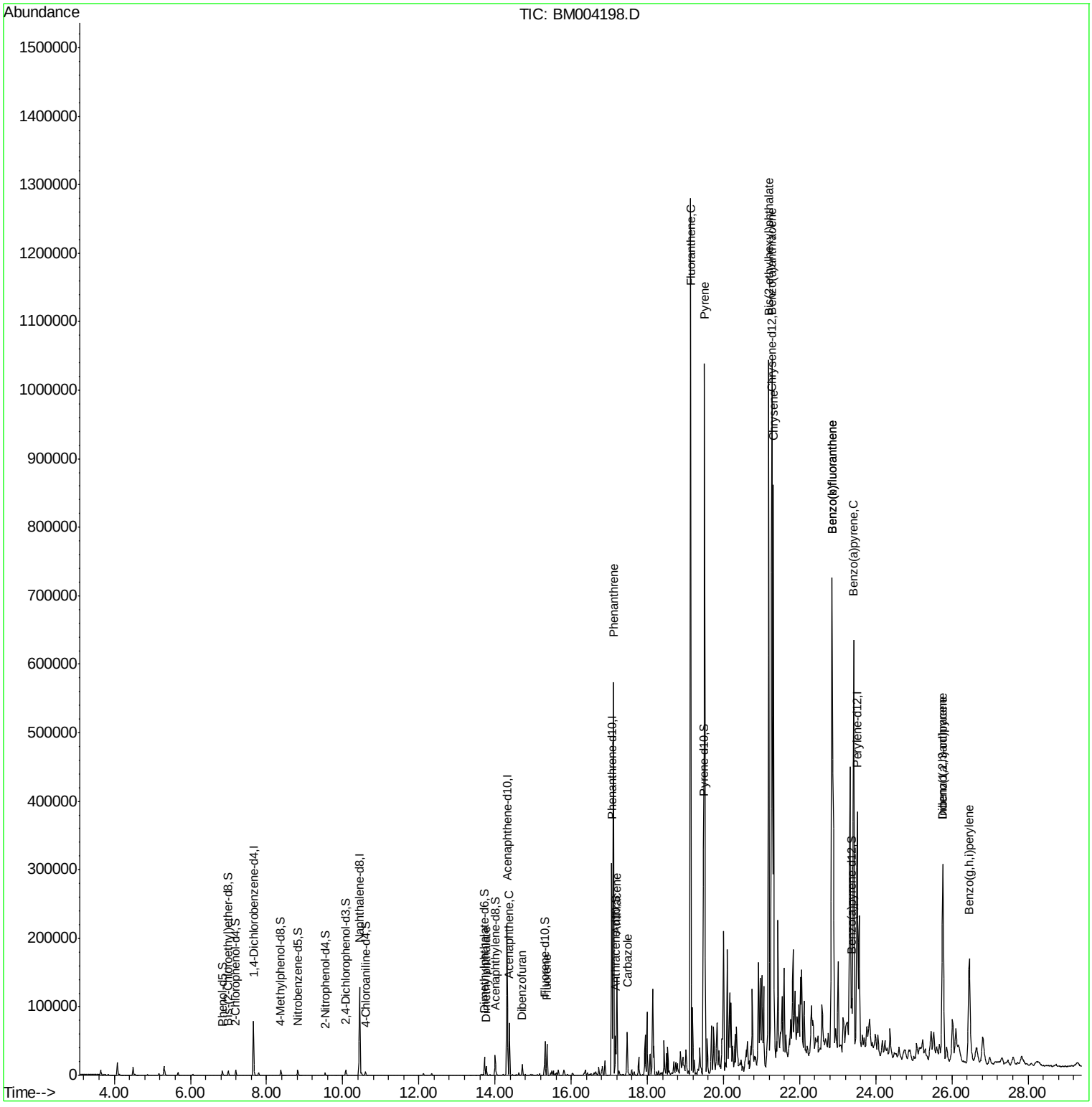
(#) = qualifier out of range (m) = manual integration (+) = signals summed

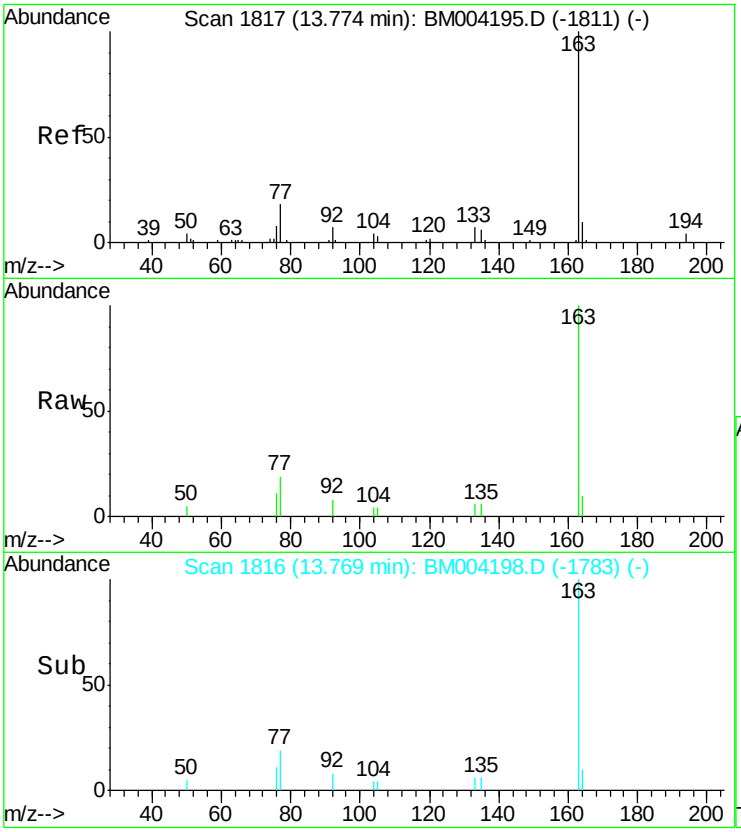
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004198.D
Acq On : 08 Feb 2016 13:59
Operator : SJ/IZ
Sample : H1340-12 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04K2

Quant Time: Feb 09 00:11:00 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM012016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 09 00:07:17 2016
Response via : Initial Calibration



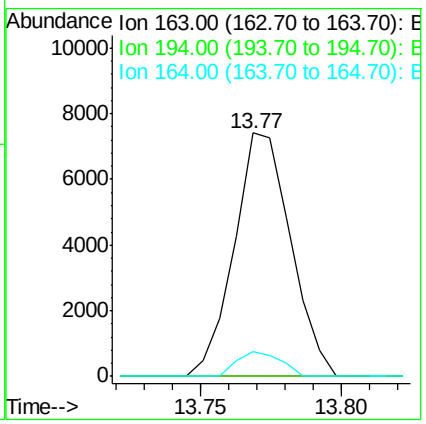


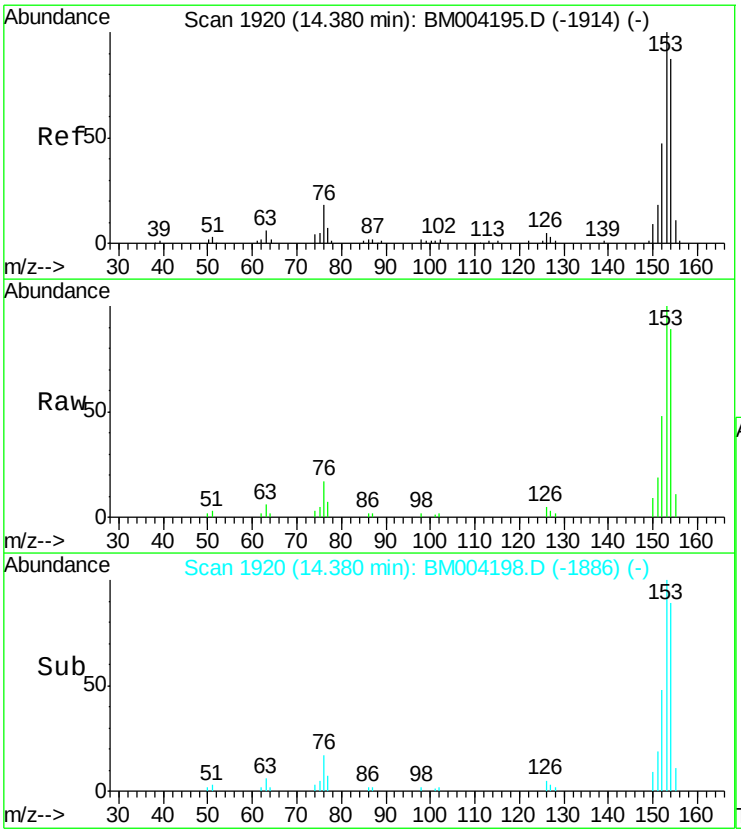
#45
Dimethylphthalate
Concen: 1.53 ng/ul
RT: 13.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:163 Resp: 10301

Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	10.2	7.8	11.8

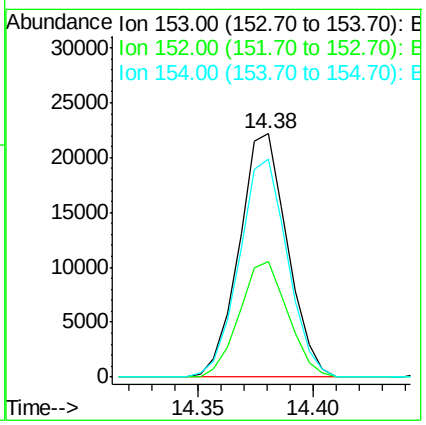


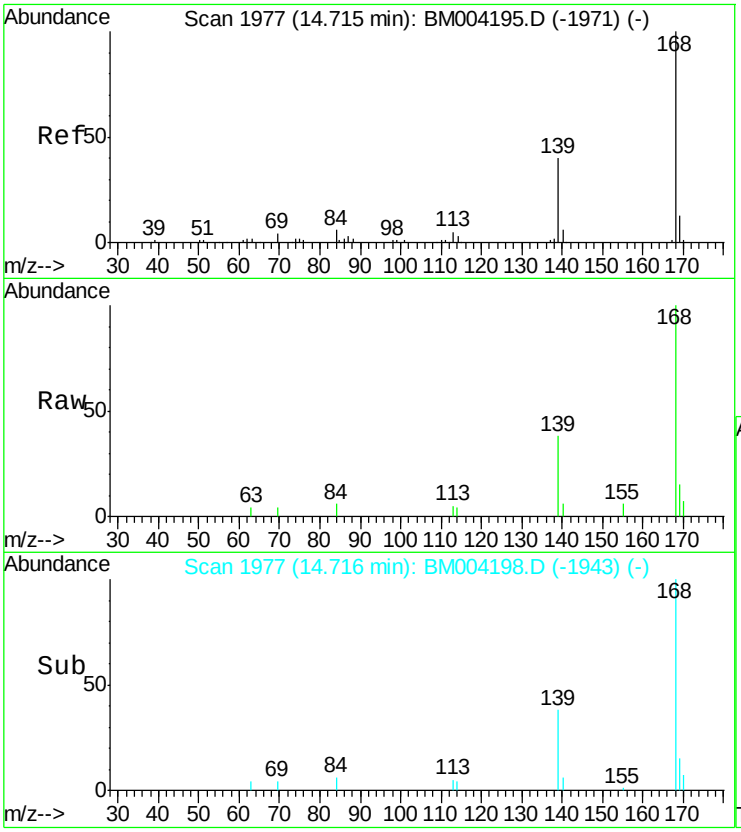


#50
Acenaphthene
Concen: 5.83 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:153 Resp: 32385

Ion	Ratio	Lower	Upper
153	100		
152	47.7	38.3	57.5
154	89.4	71.8	107.8



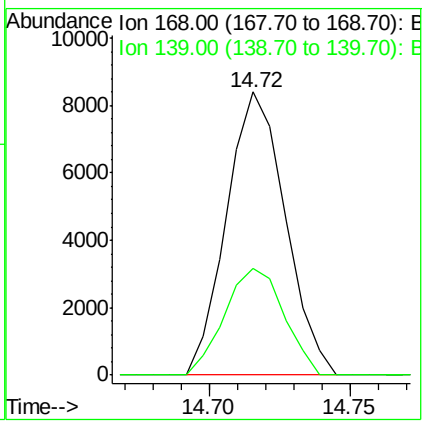


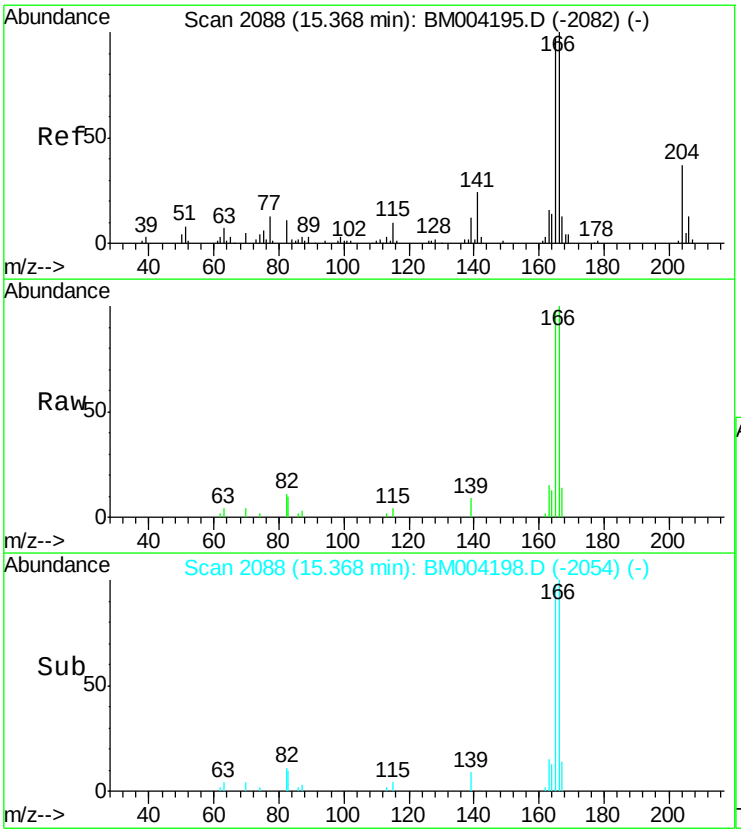
#54
Dibenzofuran
Concen: 1.54 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:168 Resp: 12127

Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2

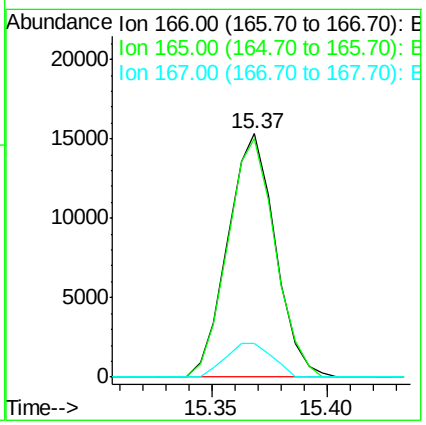


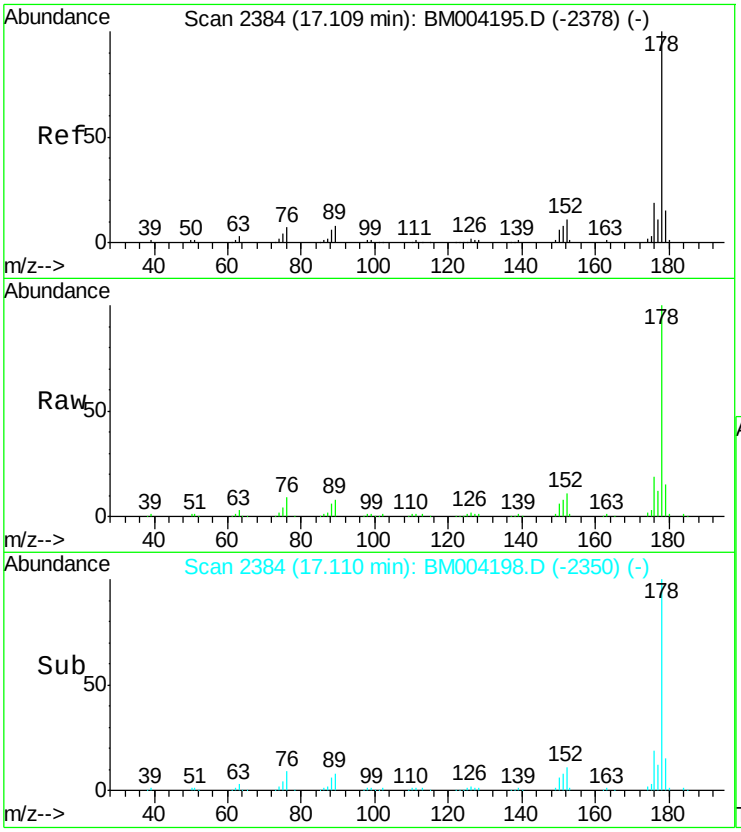


#59
Fluorene
Concen: 3.34 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:166 Resp: 21954

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.5	117.7
167	13.8	10.7	16.1



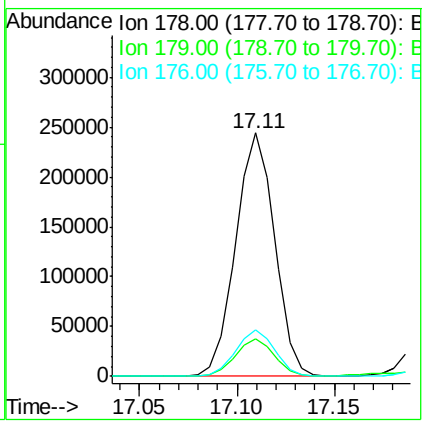


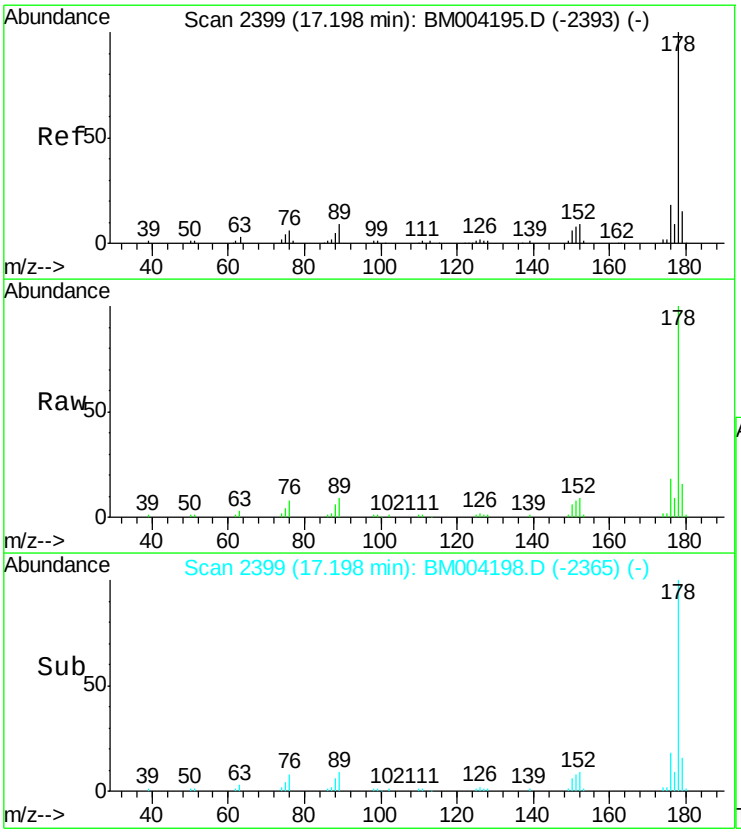
#70
Phenanthrene
Concen: 30.46 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:178 Resp: 337970

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.3	15.6	23.4

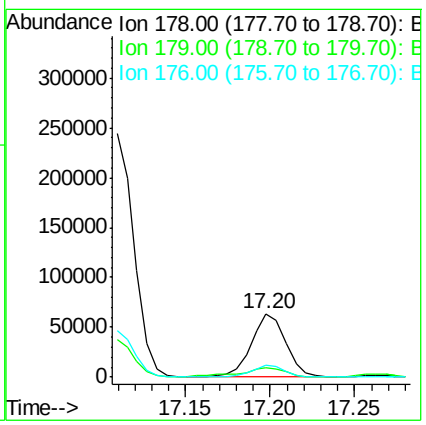


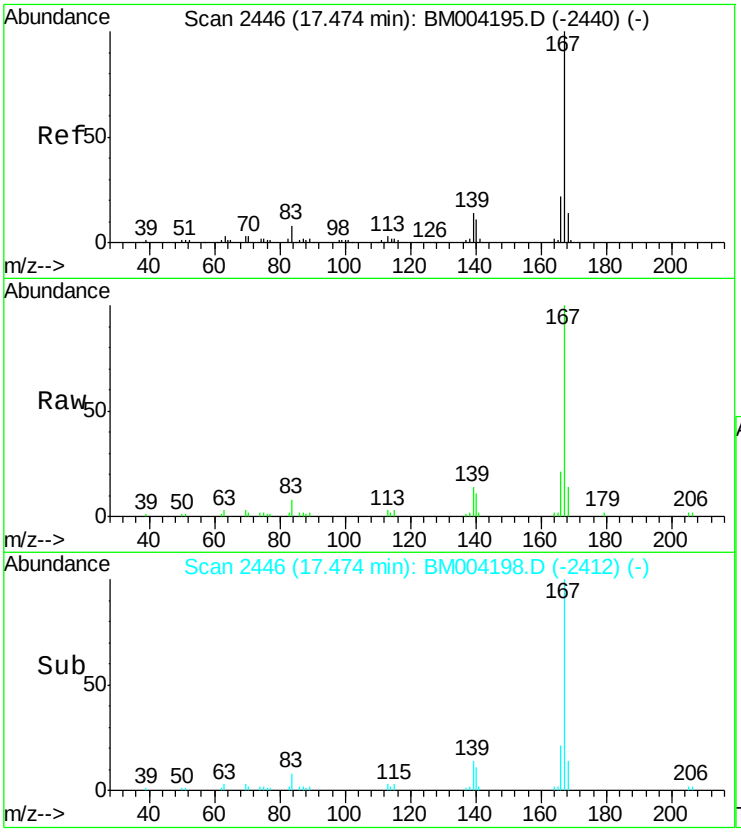


#72
Anthracene
Concen: 8.01 ng/ul
RT: 17.20 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:178 Resp: 90167

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	18.3	14.8	22.2



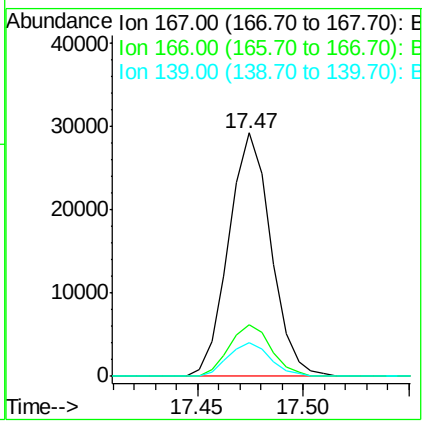


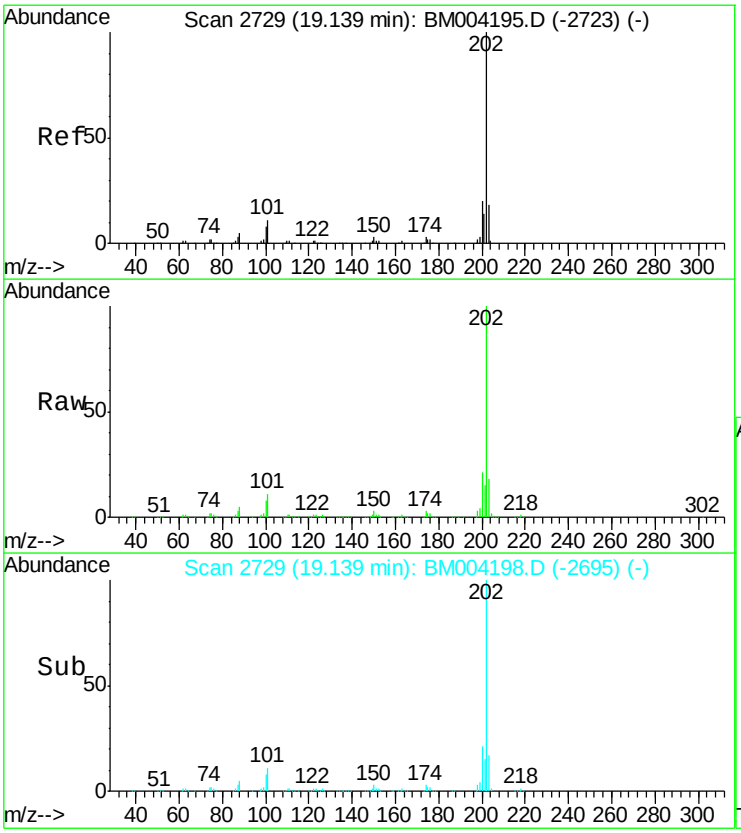
#75
Carbazole
Concen: 3.97 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:167 Resp: 40659

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.7	11.0	16.4

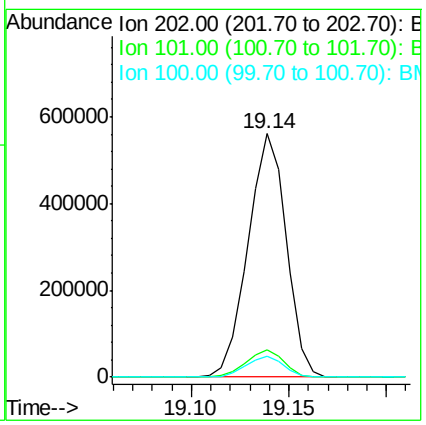


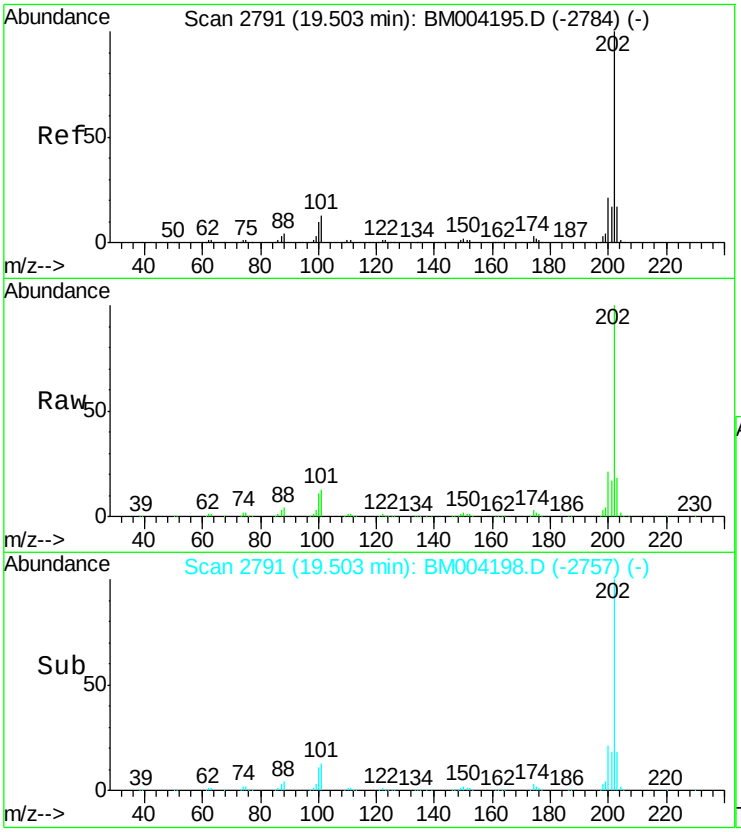


#77
Fluoranthene
Concen: 58.80 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:202 Resp: 759469

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
100	8.3	6.6	9.8



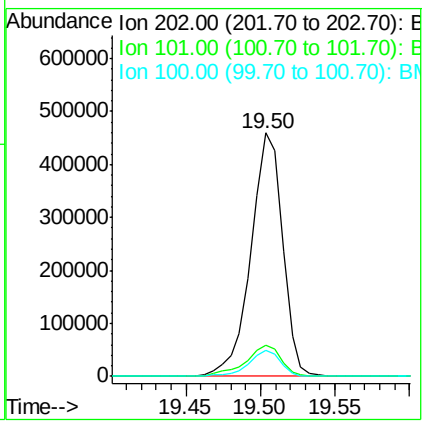


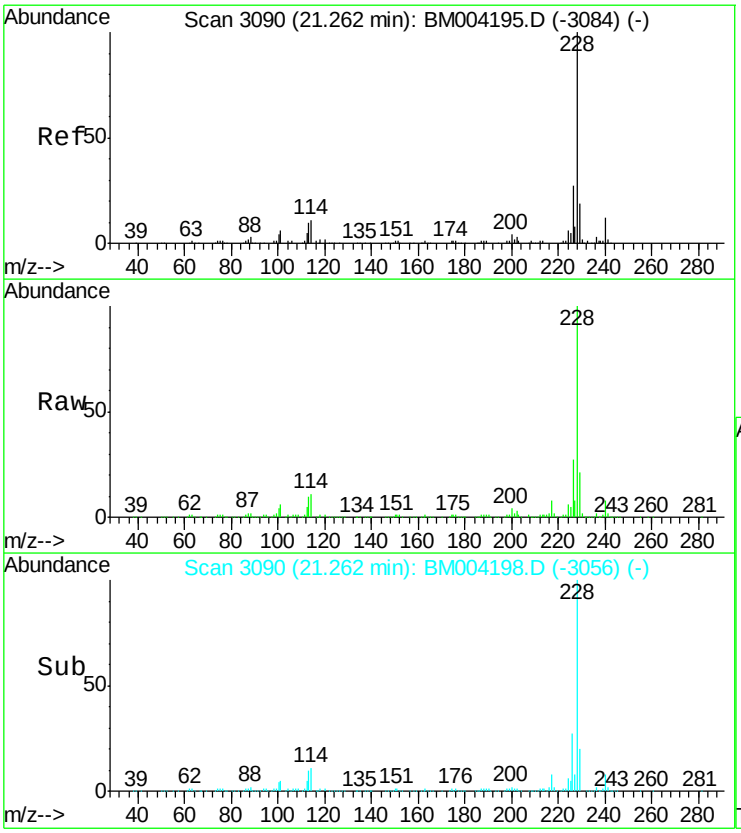
#80
Pyrene
Concen: 48.87 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:202 Resp: 673191

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.2	15.2
100	10.7	8.5	12.7

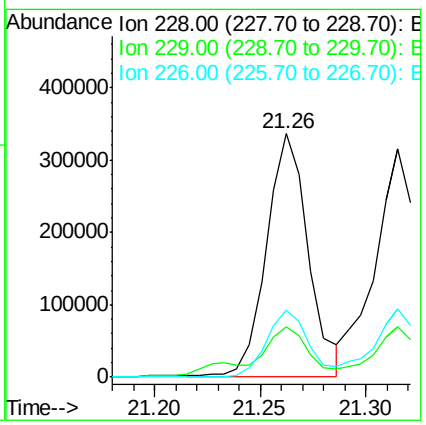


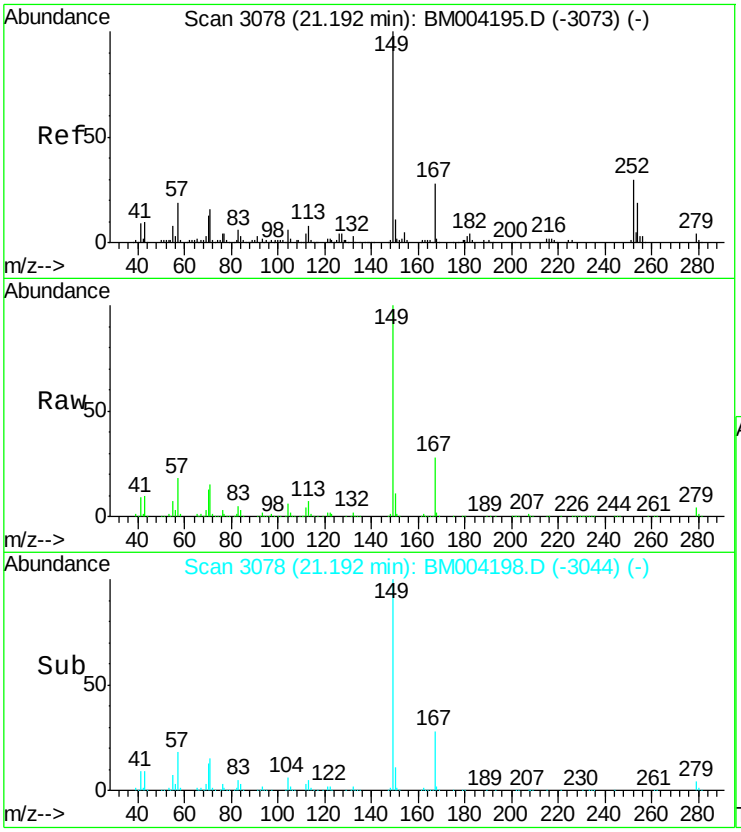


#83
Benzo(a)anthracene
Concen: 32.55 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:228 Resp: 464306

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.3	21.8	32.6



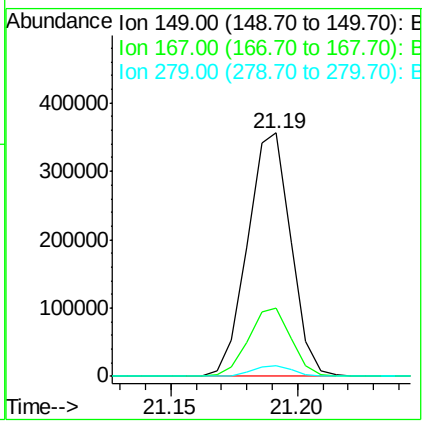


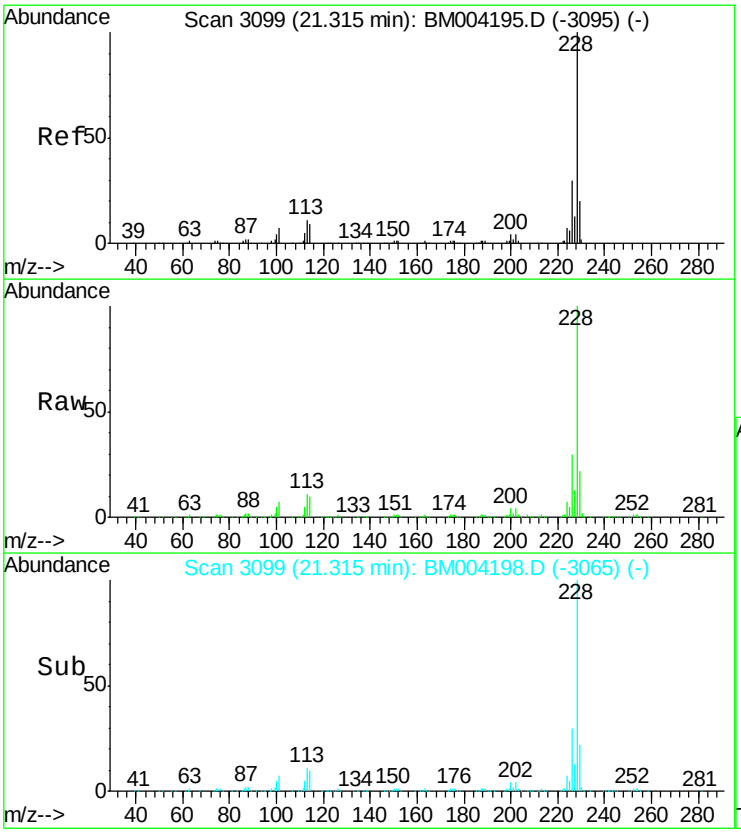
#84
Bis(2-ethylhexyl)phthalate
Concen: 47.87 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:149 Resp: 422603

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.4	3.0	4.4

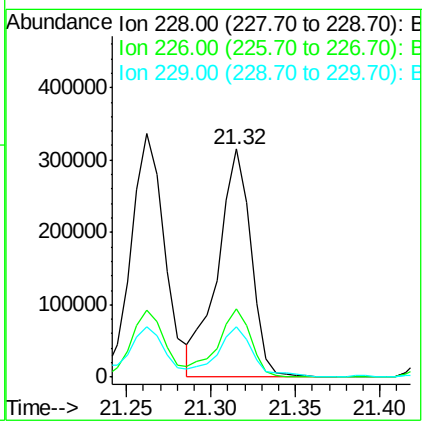


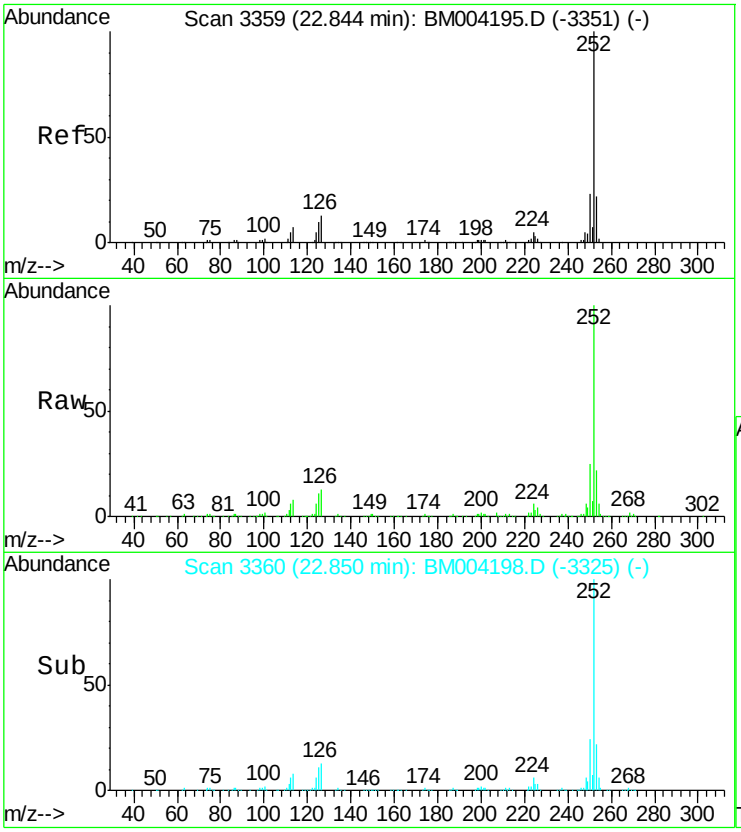


#85
Chrysene
Concen: 31.72 ng/ul
RT: 21.32 min Scan# 3099
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:228 Resp: 430179

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.0	36.0
229	21.9	15.6	23.4



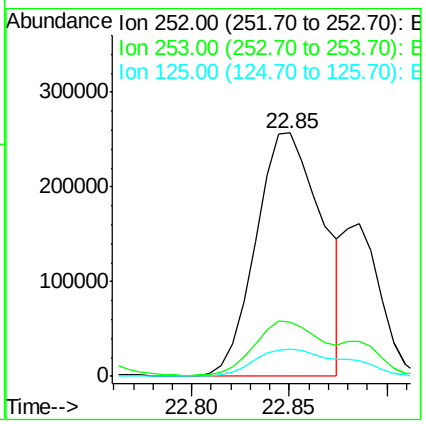


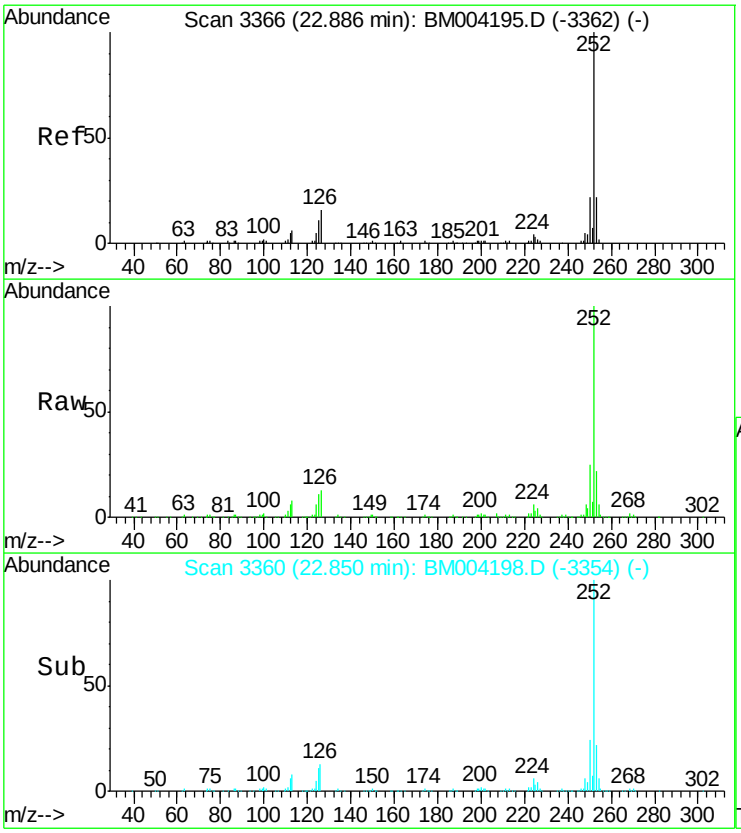
#88
Benzo(b)fluoranthene
Concen: 38.98 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:252 Resp: 604716

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.2	8.5	12.7

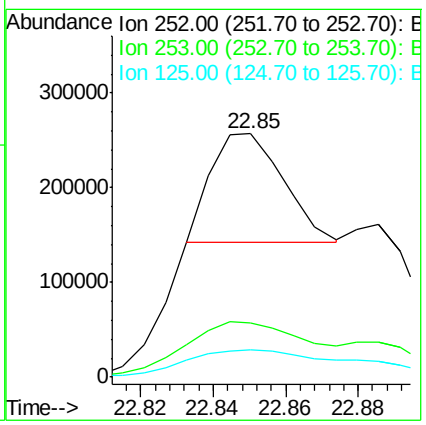


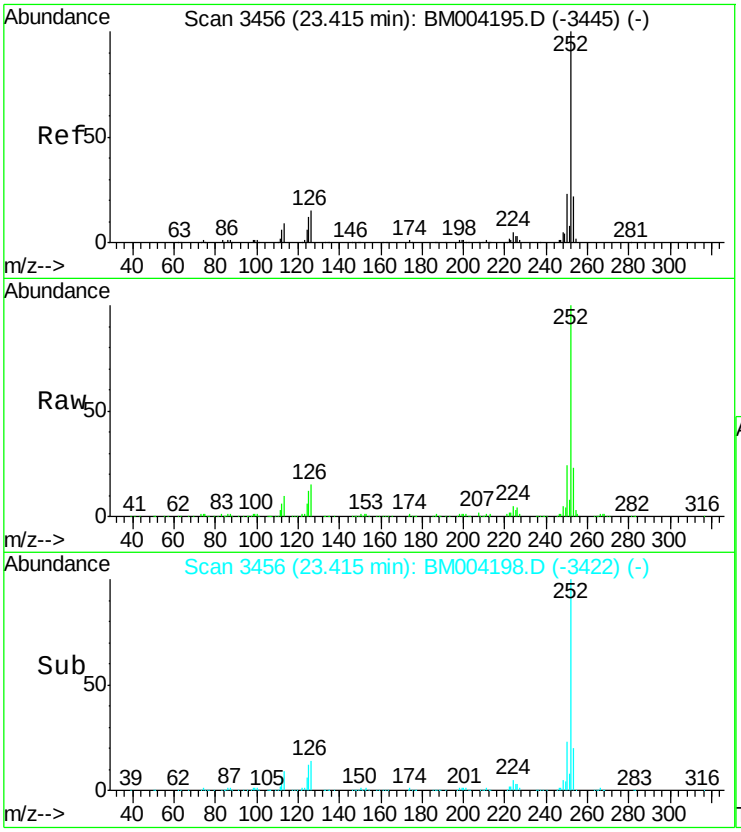


#89
Benzo(k)fluoranthene
Concen: 11.03 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:252 Resp: 159364

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.3	25.9
125	11.2	8.2	12.2



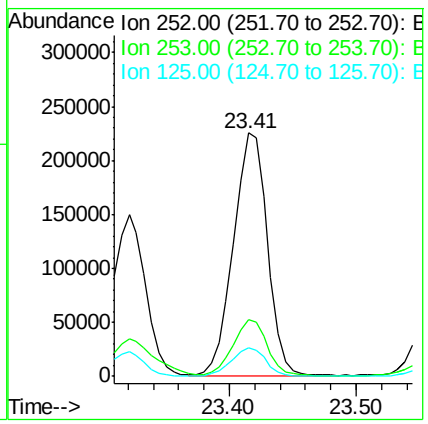


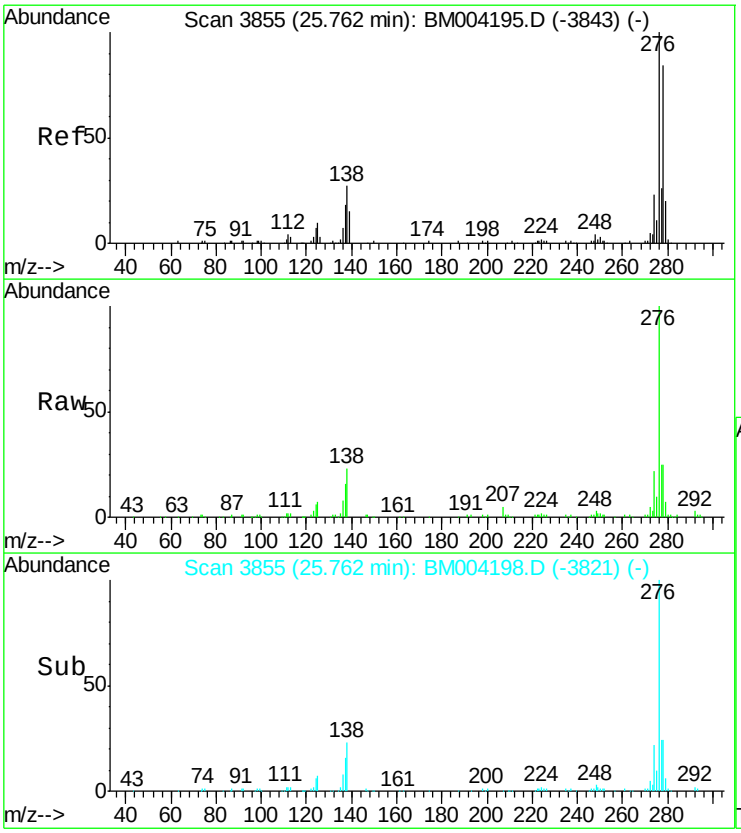
#91
Benzo(a)pyrene
Concen: 27.73 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:252 Resp: 415580

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	11.8	9.0	13.6

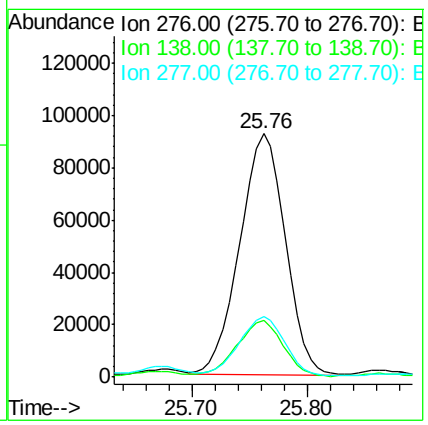


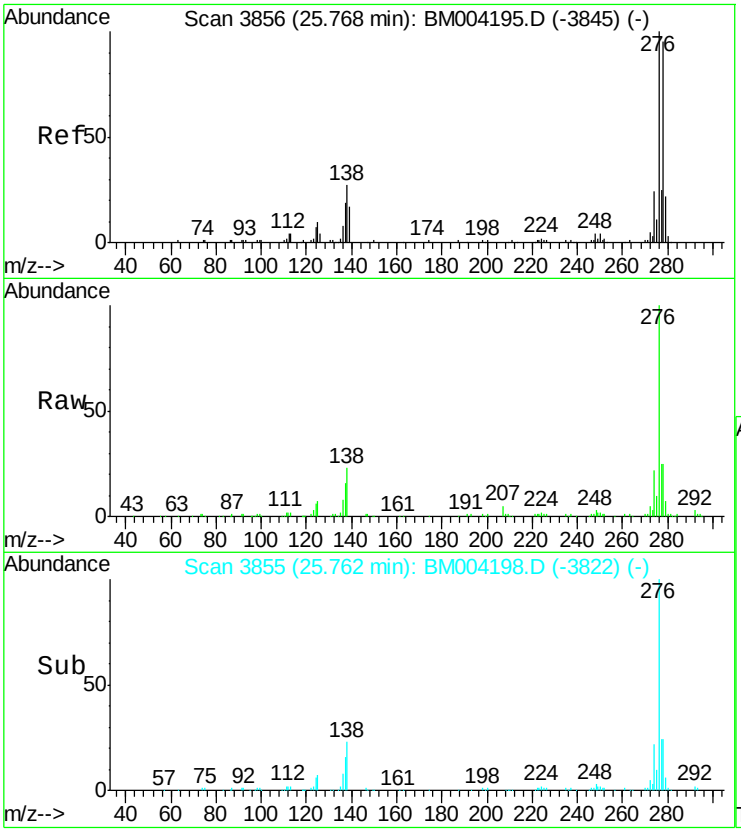


#92
Indeno(1,2,3-cd)pyrene
Concen: 14.21 ng/ul
RT: 25.76 min Scan# 3855
Delta R.T. 0.00 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:276 Resp: 254174

Ion	Ratio	Lower	Upper
276	100		
138	23.2	22.3	33.5
277	24.7	20.2	30.2



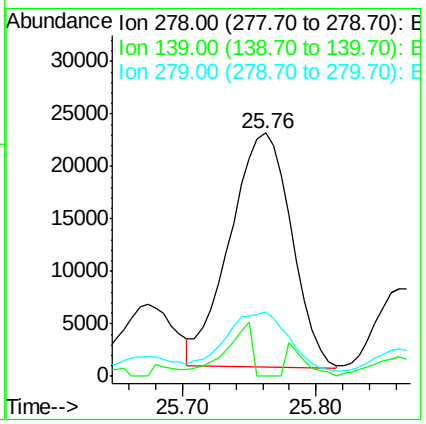


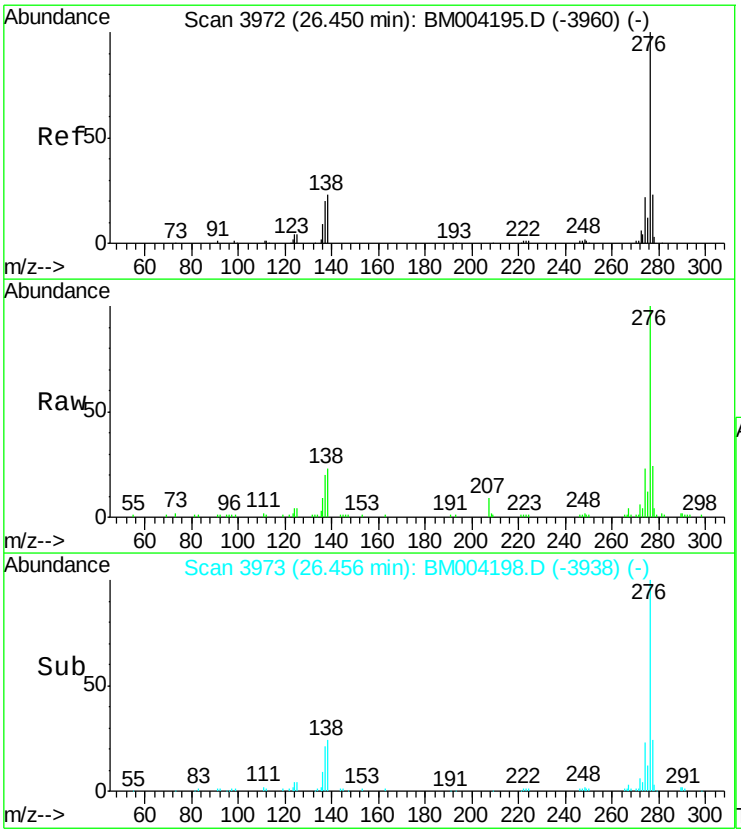
#93
Dibenzo(a,h)anthracene
Concen: 4.78 ng/ul
RT: 25.76 min Scan# 3855
Delta R.T. -0.01 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Instrument :
BNA_M
ClientSampleId :
C04K2

Tgt Ion:278 Resp: 71342

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.9	20.9#
279	26.7	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 11.69 ng/ul
RT: 26.46 min Scan# 3973
Delta R.T. 0.01 min
Lab File: BM004198.D
Acq: 08 Feb 2016 13:59

Tgt Ion:276 Resp: 178262

Ion	Ratio	Lower	Upper
276	100		
138	23.5	18.9	28.3
277	24.1	19.2	28.8