Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004204.D
Acq On : 08 Feb 2016 17:35
Operator : SJ/IZ
Sample : H1340-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C04P3

Quant Time: Feb 09 00:12:13 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	31723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	152508	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	92413	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	213146	20.00	ng/ul	0.00
78) Chrysene-d12	21.28	240	230261	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	196437	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	2052	3.42	ng/uL	0.00
5) Phenol-d5	6.84	99	50293	16.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	26891	16.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	44298	18.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	38020	14.32	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	22272	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	24750	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	45898	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	43419	14.63	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	152227	19.15	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	187186	20.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	19977	12.55	ng/ul	0.01
58) Fluorene-d10	15.32	176	135803	19.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	13136	10.00	ng/ul	0.00
71) Anthracene-d10	17.17	188	209513	20.21	ng/ul	0.00
79) Pyrene-d10	19.48	212	240355	23.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	213513	20.84	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.77	163	64900	7.75	ng/ul	99
50) Acenaphthene	14.38	153	30554	4.41	ng/ul	97
54) Dibenzofuran	14.72	168	16171	1.64	ng/ul	96
59) Fluorene	15.37	166	27593	3.37	ng/ul	100
70) Phenanthrene	17.12	178	463316	35.62	ng/ul	99
72) Anthracene	17.20	178	109920	8.33	ng/ul	99
75) Carbazole	17.47	167	55800	4.65	ng/ul	100
77) Fluoranthene	19.15	202	1014489	67.00	ng/ul	99
80) Pyrene	19.51	202	893744	63.13	ng/ul	100
81) Butylbenzylphthalate	20.41	149	39902	6.63	ng/ul	98
83) Benzo(a)anthracene	21.27	228	534465	36.46	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	944763	104.13	ng/ul#	98
85) Chrysene	21.32	228	525364	37.69	ng/ul	98
88) Benzo(b)fluoranthene	22.85	252	628479	50.12	ng/ul	98
89) Benzo(k)fluoranthene	22.85	252	276135	23.64	ng/ul	97
91) Benzo(a)pyrene	23.43	252	399415	32.97	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.77	276	224646	15.54	ng/ul#	94
93) Dibenzo(a,h)anthracene	25.77	278	60217	4.99	ng/ul#	92
94) Benzo(g,h,i)perylene	26.46	276	167180	13.56	ng/ul	99

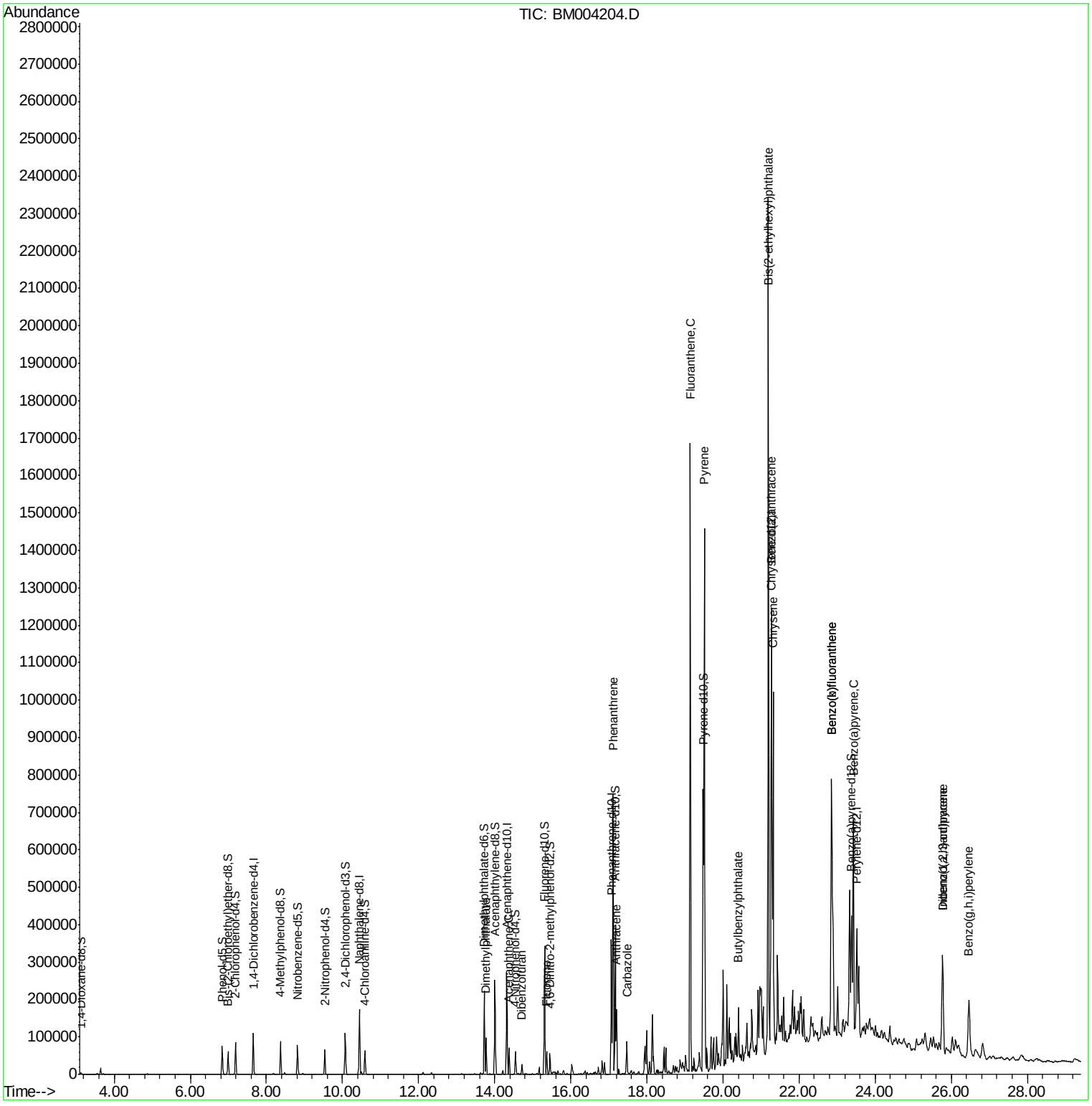
(#) = qualifier out of range (m) = manual integration (+) = signals summed

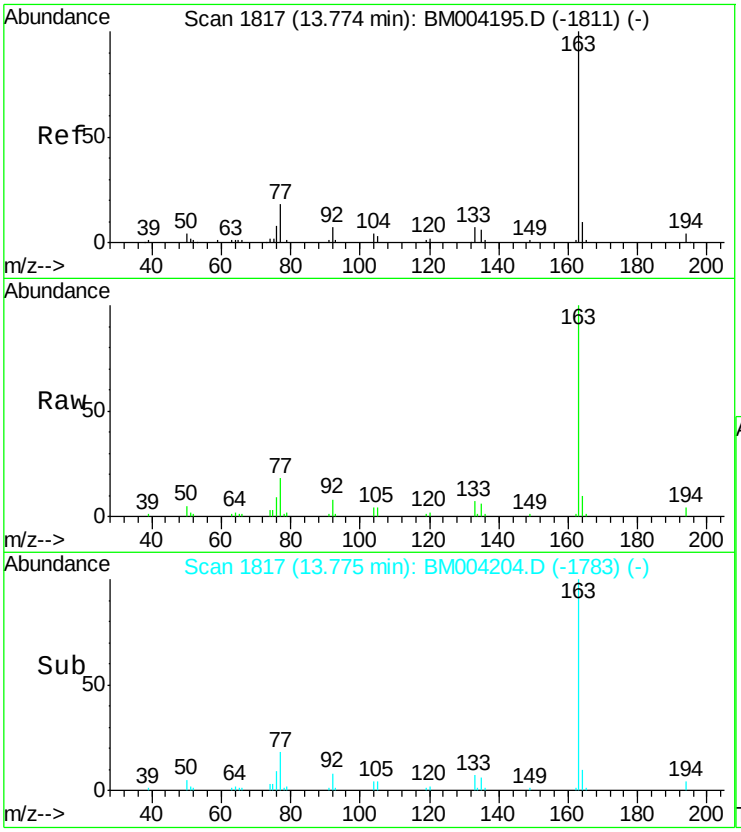
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020816\
Data File : BM004204.D
Acq On : 08 Feb 2016 17:35
Operator : SJ/IZ
Sample : H1340-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C04P3

Quant Time: Feb 09 00:12:13 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



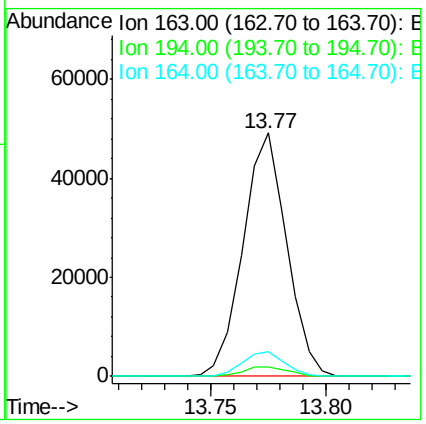


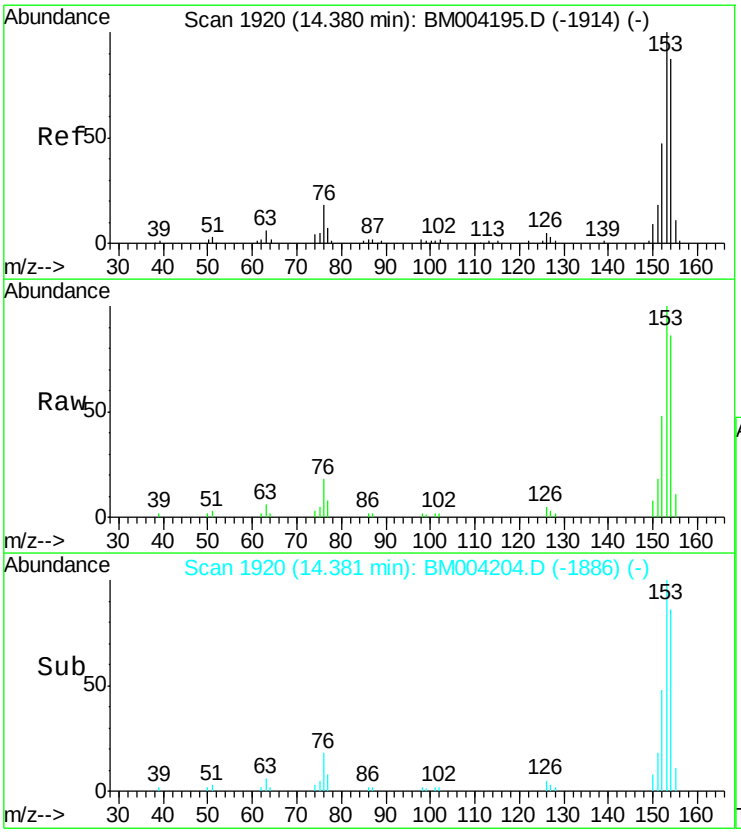
#45
Dimethylphthalate
Concen: 7.75 ng/ul
RT: 13.77 min Scan# 1817
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:163 Resp: 64900

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.8	11.8

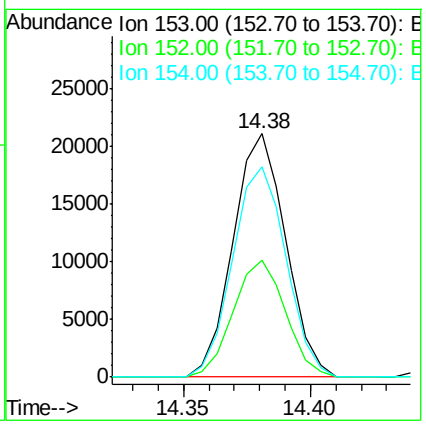


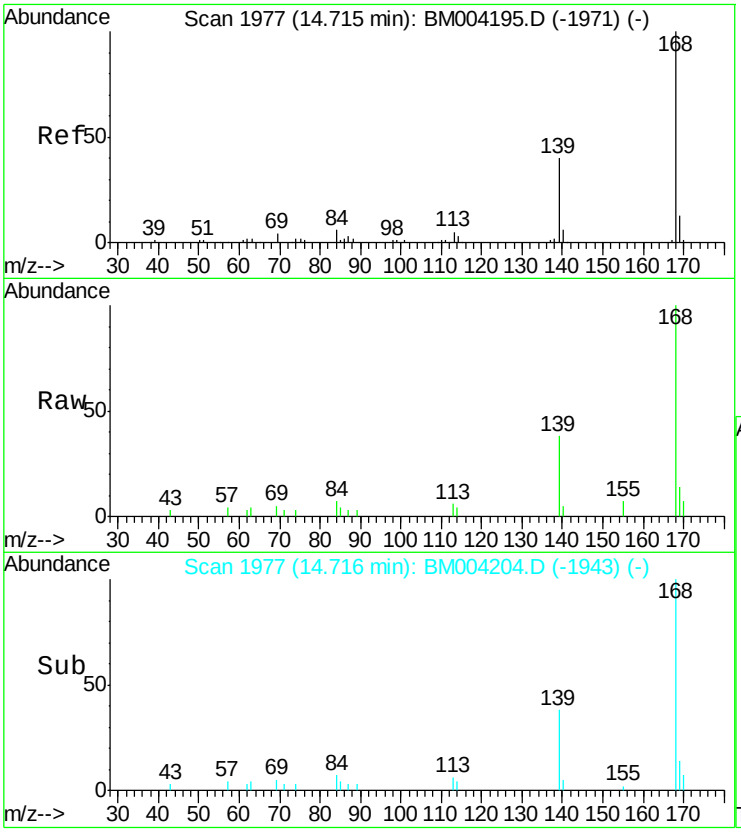


#50
Acenaphthene
Concen: 4.41 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:153 Resp: 30554

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.3	57.5
154	86.2	71.8	107.8



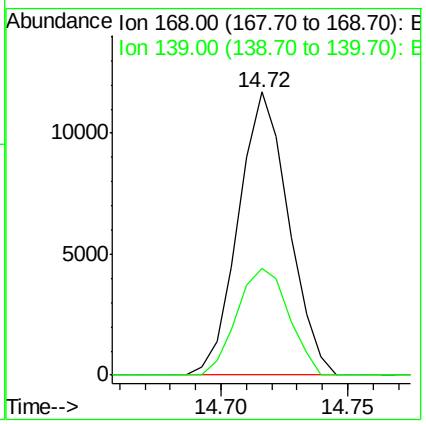


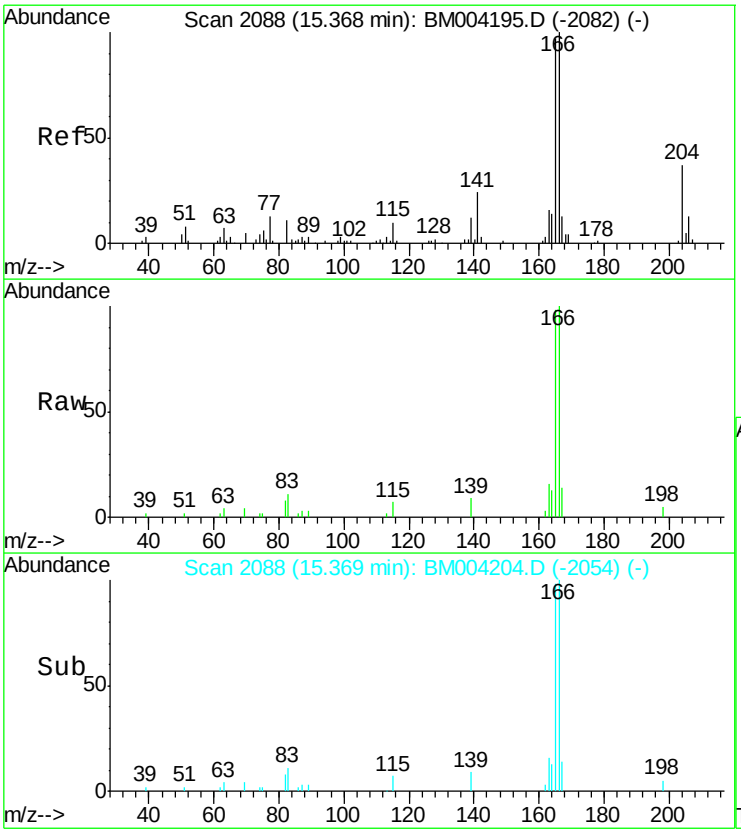
#54
Dibenzofuran
Concen: 1.64 ng/ul
RT: 14.72 min Scan# 1977
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:168 Resp: 16171

Ion	Ratio	Lower	Upper
168	100		
139	37.8	32.2	48.2

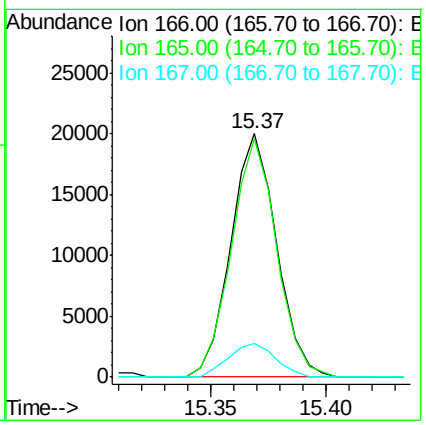


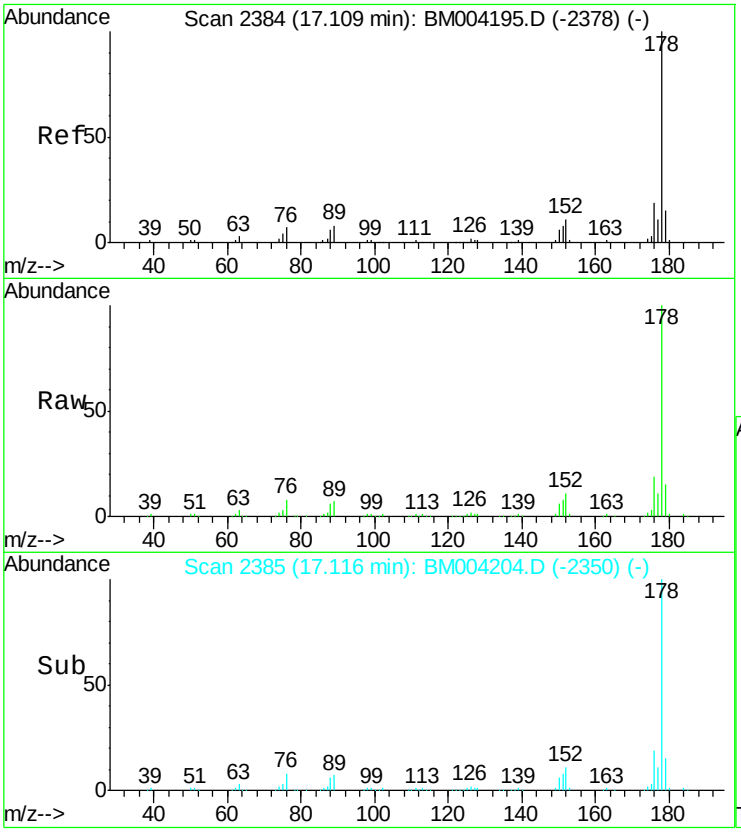


#59
Fluorene
Concen: 3.37 ng/ul
RT: 15.37 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:166 Resp: 27593

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.5	117.7
167	14.1	10.7	16.1



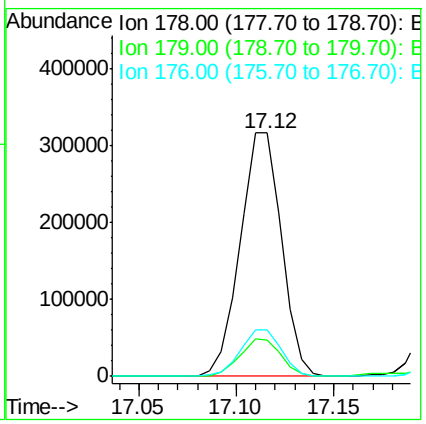


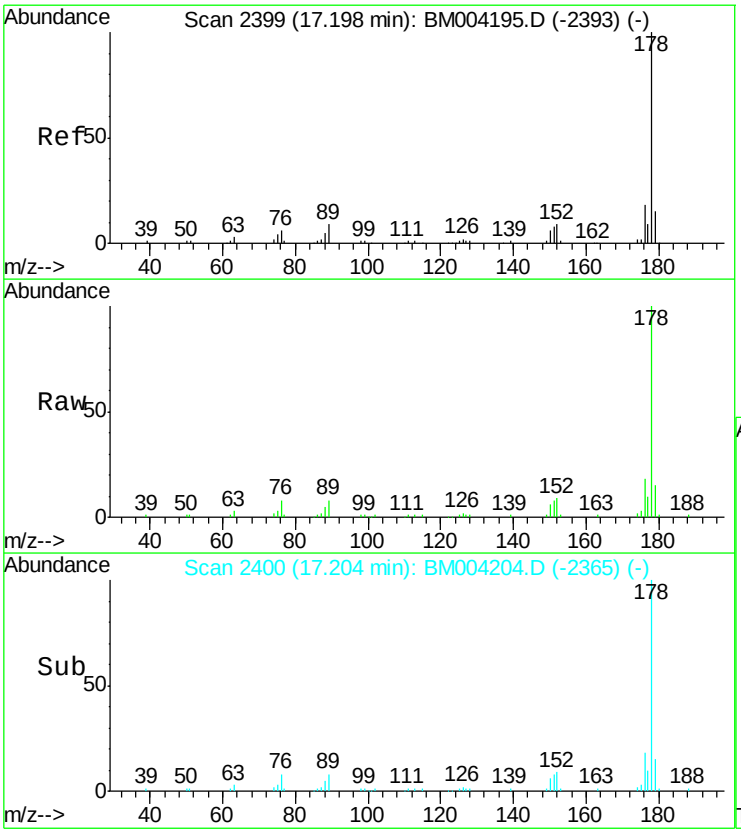
#70
Phenanthrene
Concen: 35.62 ng/ul
RT: 17.12 min Scan# 2385
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:178 Resp: 463316

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.2	15.6	23.4

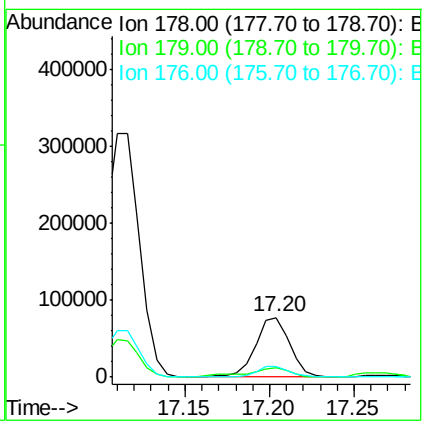


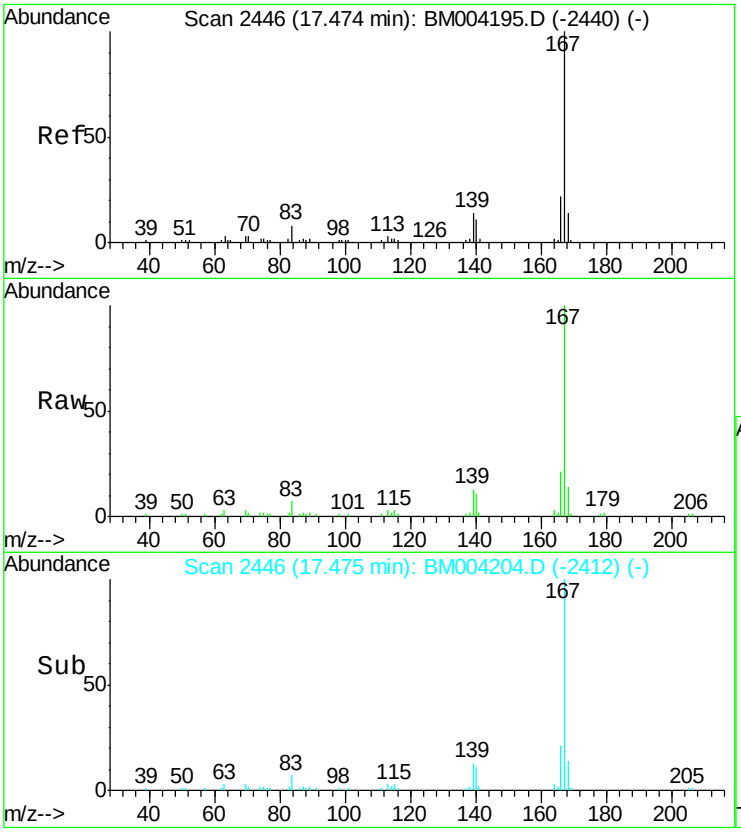


#72
Anthracene
Concen: 8.33 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:178 Resp: 109920

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.2	14.8	22.2



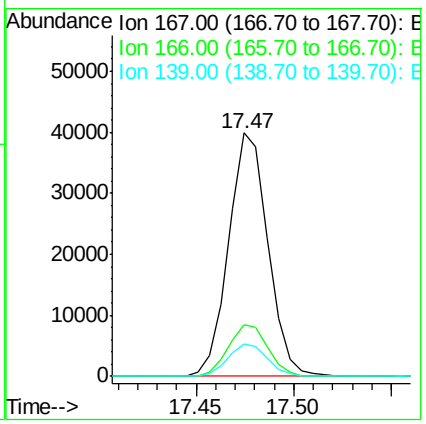


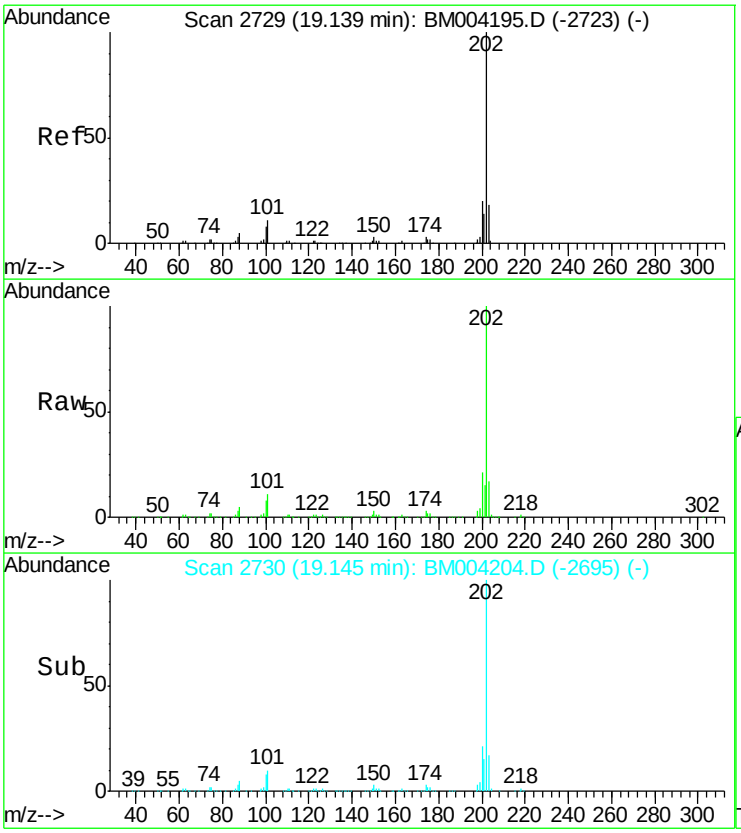
#75
Carbazole
Concen: 4.65 ng/ul
RT: 17.47 min Scan# 2446
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:167 Resp: 55800

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.0	25.6
139	13.5	11.0	16.4

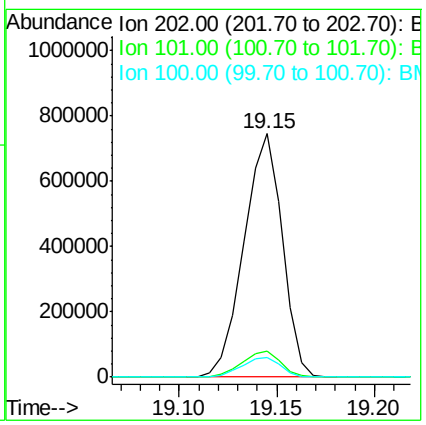


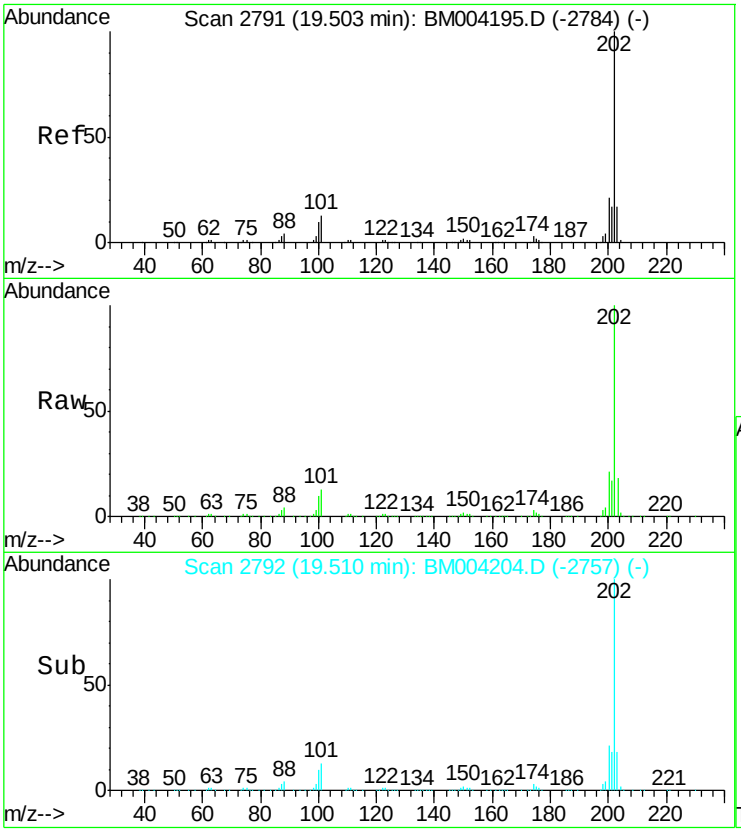


#77
Fluoranthene
Concen: 67.00 ng/ul
RT: 19.15 min Scan# 2730
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:202 Resp: 1014489

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.8	13.2
100	8.1	6.6	9.8



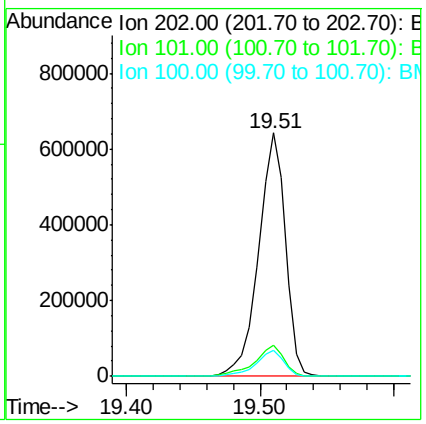


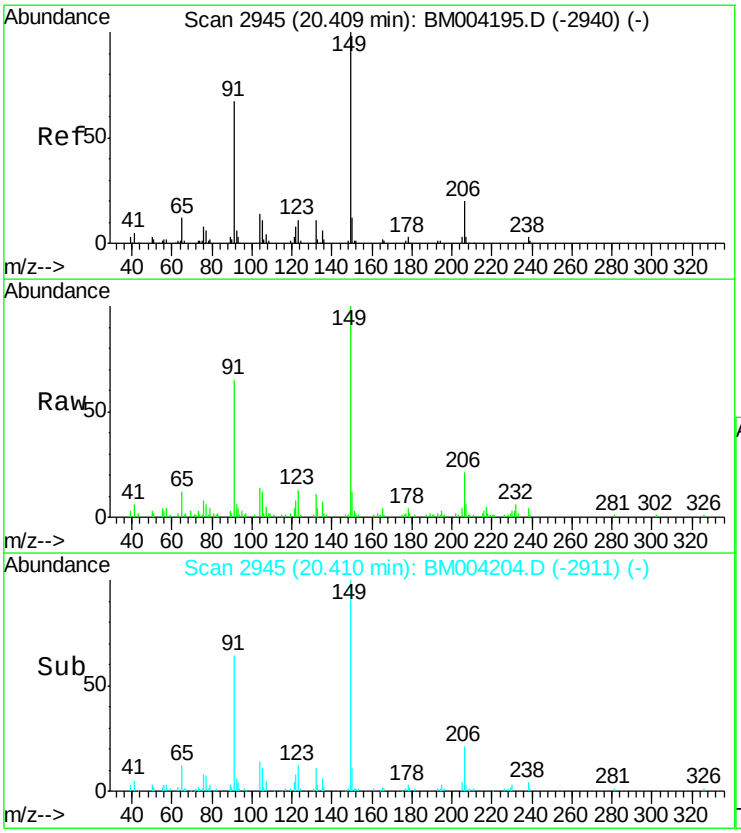
#80
Pyrene
Concen: 63.13 ng/ul
RT: 19.51 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:202 Resp: 893744

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.2	15.2
100	10.5	8.5	12.7

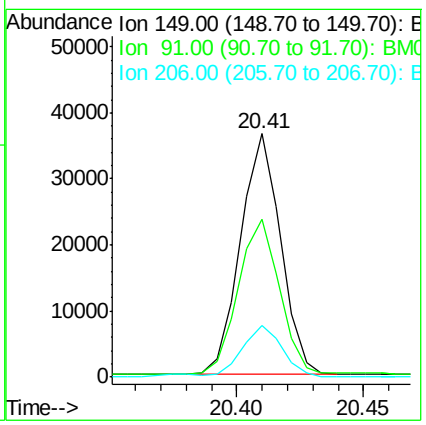


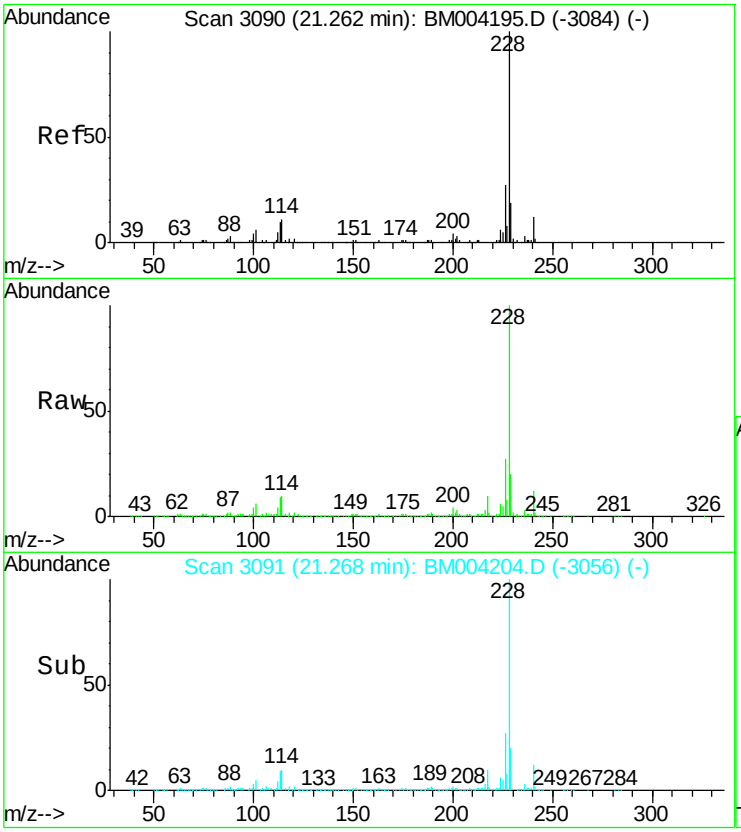


#81
Butylbenzylphthalate
Concen: 6.63 ng/ul
RT: 20.41 min Scan# 2945
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:149 Resp: 39902

Ion	Ratio	Lower	Upper
149	100		
91	64.9	53.4	80.2
206	21.2	16.6	24.8



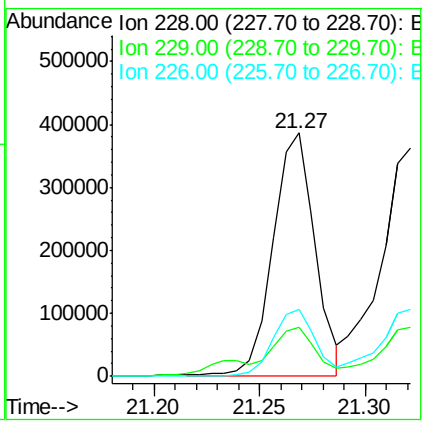


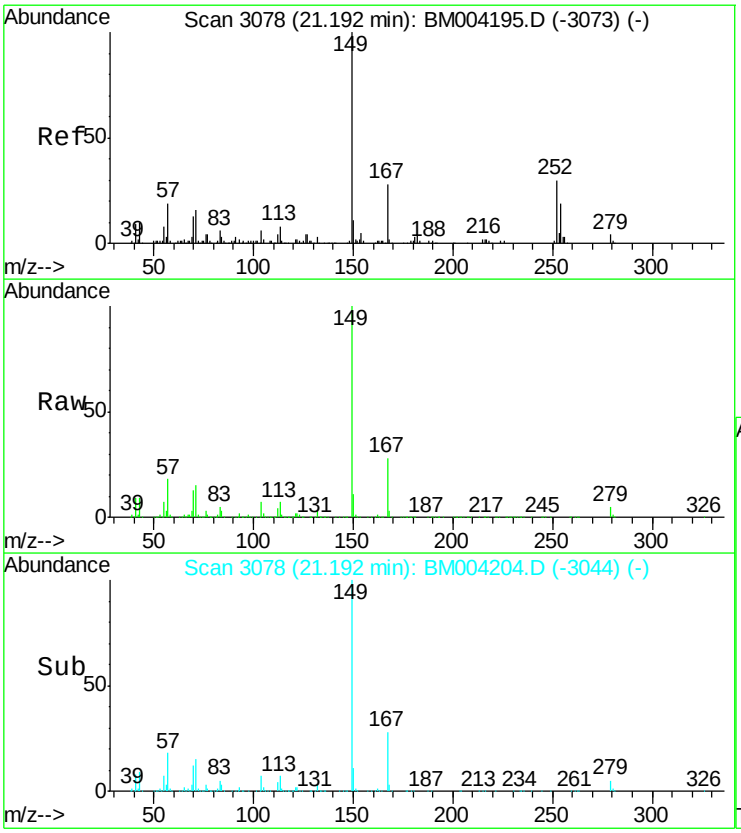
#83
Benzo(a)anthracene
Concen: 36.46 ng/ul
RT: 21.27 min Scan# 3091
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:228 Resp: 534465

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	27.5	21.8	32.6

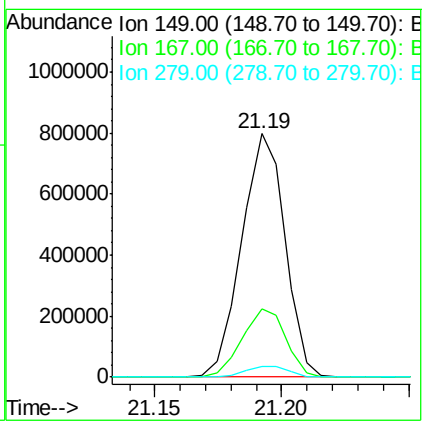


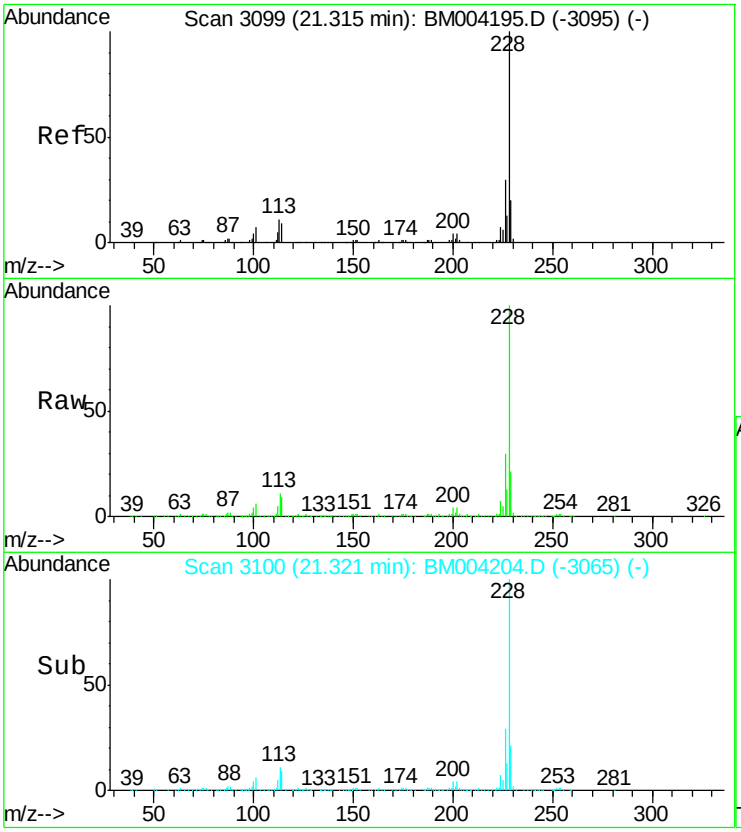


#84
Bis(2-ethylhexyl)phthalate
Concen: 104.13 ng/ul
RT: 21.19 min Scan# 3078
Delta R.T. 0.00 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:149 Resp: 944763

Ion	Ratio	Lower	Upper
149	100		
167	28.0	21.6	32.4
279	4.6	3.0	4.4#



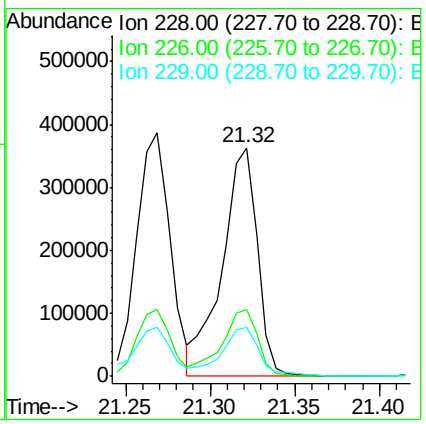


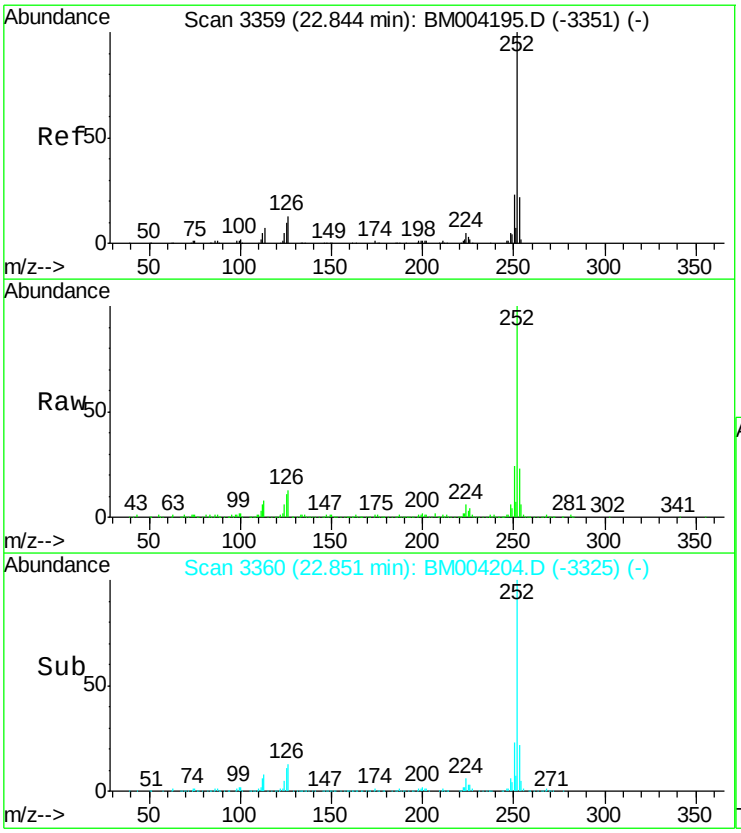
#85
Chrysene
Concen: 37.69 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:228 Resp: 525364

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.0	36.0
229	21.5	15.6	23.4

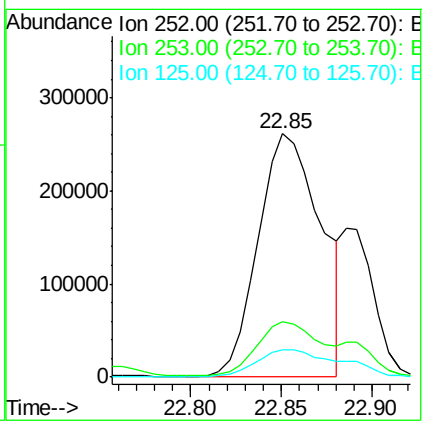


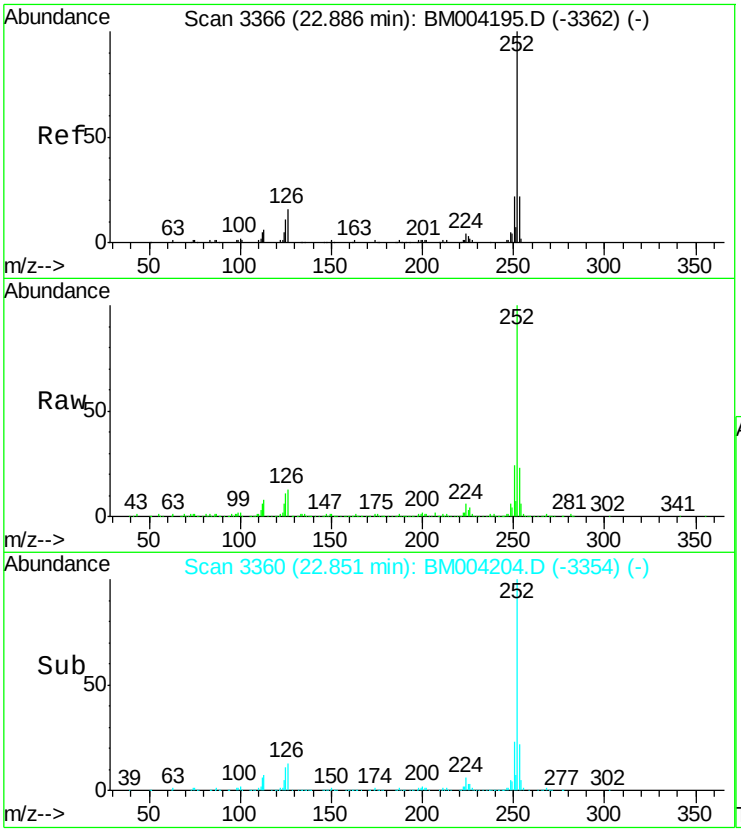


#88
Benzo(b)fluoranthene
Concen: 50.12 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:252 Resp: 628479

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	11.3	8.5	12.7



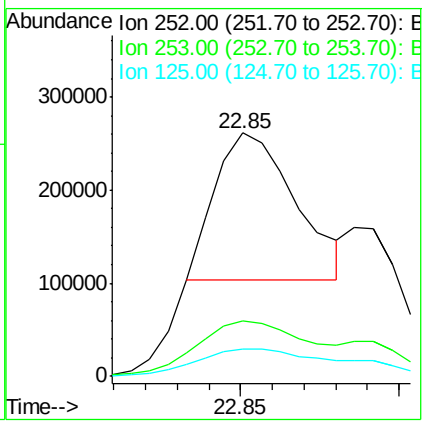


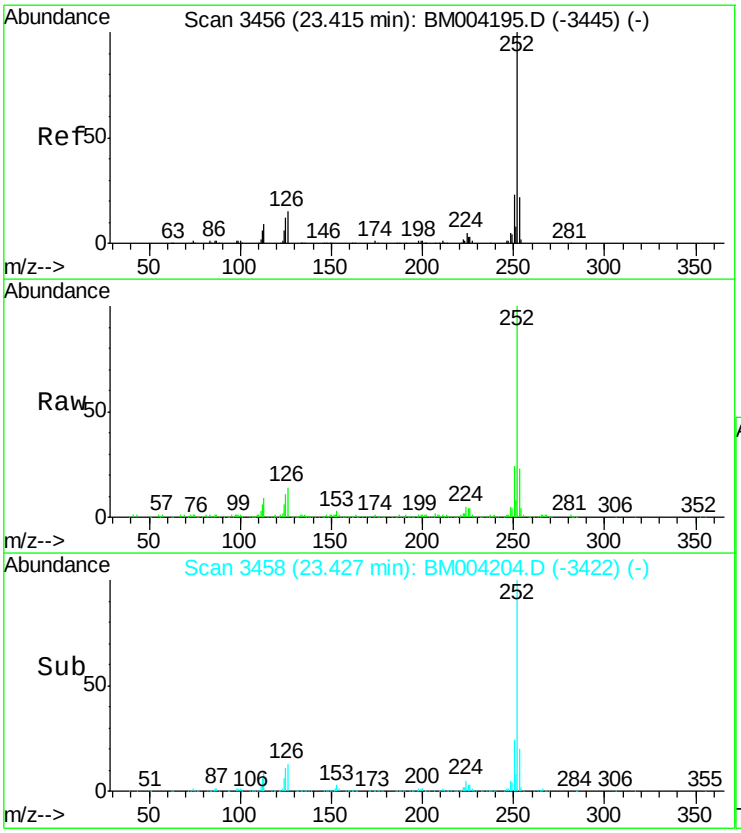
#89
Benzo(k)fluoranthene
Concen: 23.64 ng/ul
RT: 22.85 min Scan# 3360
Delta R.T. -0.03 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:252 Resp: 276135

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.3	8.2	12.2

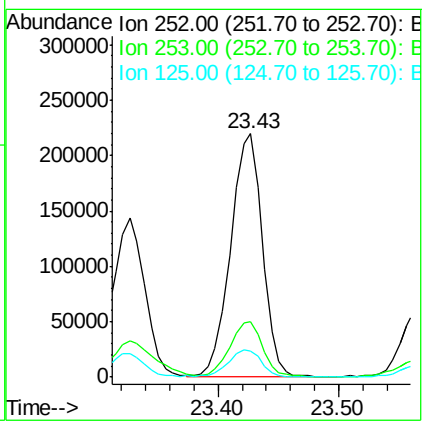


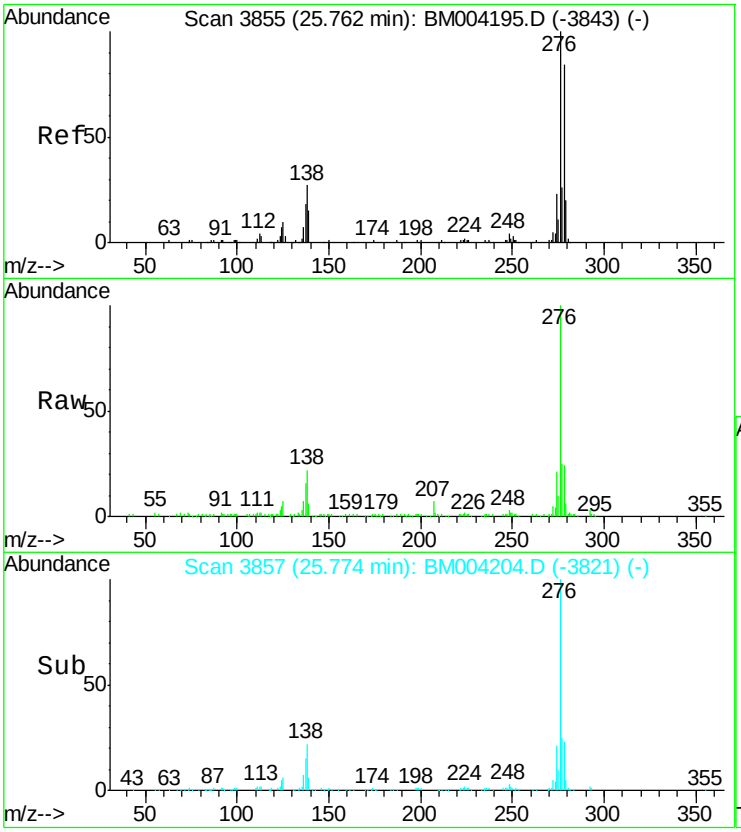


#91
Benzo(a)pyrene
Concen: 32.97 ng/ul
RT: 23.43 min Scan# 3458
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:252 Resp: 399415

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.9	9.0	13.6



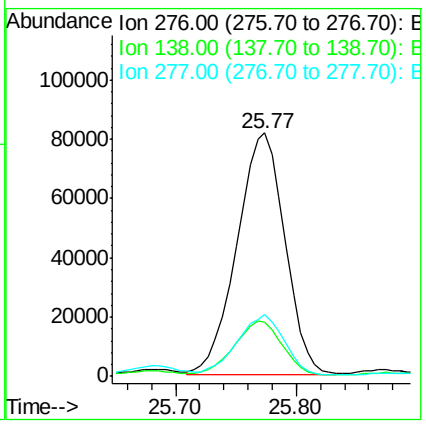


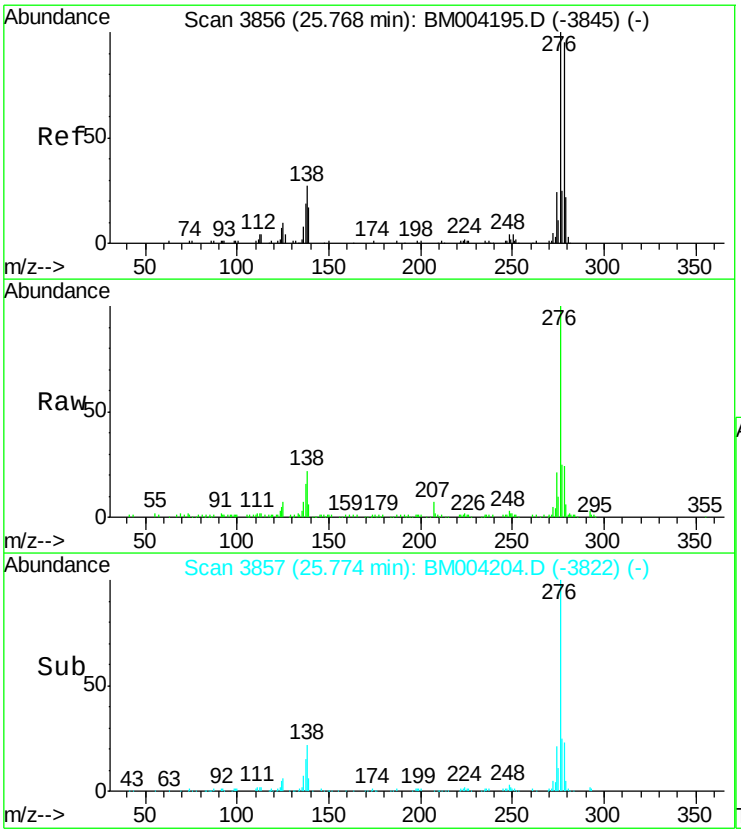
#92
Indeno(1,2,3-cd)pyrene
Concen: 15.54 ng/ul
RT: 25.77 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:276 Resp: 224646

Ion	Ratio	Lower	Upper
276	100		
138	22.0	22.3	33.5#
277	25.3	20.2	30.2

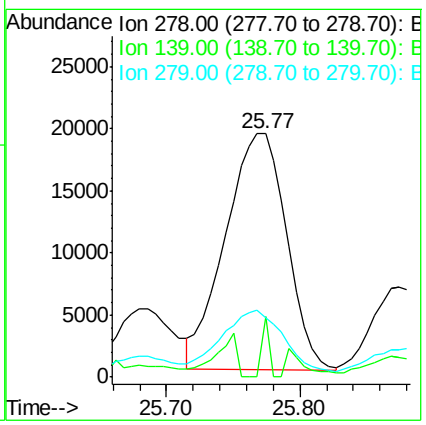


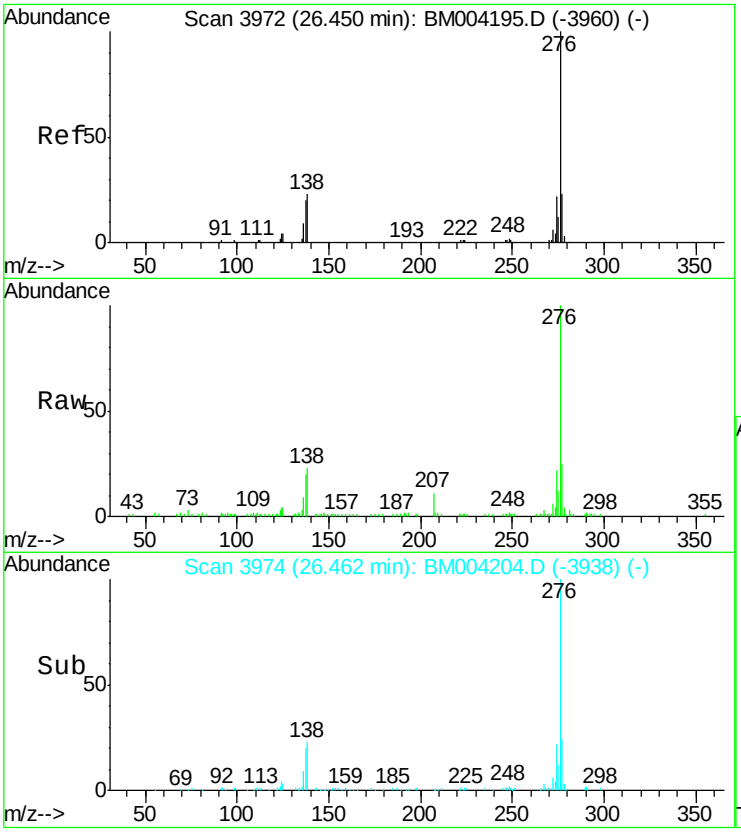


#93
Dibenzo(a,h)anthracene
Concen: 4.99 ng/ul
RT: 25.77 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Tgt Ion:278 Resp: 60217

Ion	Ratio	Lower	Upper
278	100		
139	24.8	13.9	20.9#
279	24.4	19.0	28.4





#94
Benzo(g,h,i)perylene
Concen: 13.56 ng/ul
RT: 26.46 min Scan# 3974
Delta R.T. 0.01 min
Lab File: BM004204.D
Acq: 08 Feb 2016 17:35

Instrument :
BNA_M
ClientSampleId :
C04P3

Tgt Ion:276 Resp: 167180

Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.9	28.3
277	24.5	19.2	28.8