Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003043.D
Acq On : 02 Nov 2015 00:25
Operator : UM/IZ
Sample : G4210-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC768

Quant Time: Nov 02 02:53:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 02:48:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	166165	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	719611	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	365465	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	691664	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	649912	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	659848	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	12545	3.56	ng/uL	0.00
5) Phenol-d5	6.93	99	292085	22.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	166988	21.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	247517	22.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	184609	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	115220	26.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	119779	26.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	235616	23.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	199266	15.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	726694	26.43	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	876393	25.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	90771	19.59	ng/ul	0.00
58) Fluorene-d10	15.40	176	600014	25.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	62950	19.65	ng/ul	0.00
71) Anthracene-d10	17.25	188	822632	26.83	ng/ul	0.00
79) Pyrene-d10	19.54	212	825292	25.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	855081	27.27	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	17221	1.27	ng/ul#	91
45) Dimethylphthalate	13.86	163	475049	16.96	ng/ul	100
46) 2,6-Dinitrotoluene	13.86	165	5138	1.12	ng/ul#	57
70) Phenanthrene	17.19	178	370814	9.47	ng/ul	100
72) Anthracene	17.29	178	88353	2.31	ng/ul	99
75) Carbazole	17.55	167	38797	1.19	ng/ul	97
77) Fluoranthene	19.22	202	552034	13.94	ng/ul	95
80) Pyrene	19.57	202	444746	10.46	ng/ul	95
83) Benzo(a)anthracene	21.33	228	212651	5.96	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.26	149	20186	1.03	ng/ul#	96
85) Chrysene	21.37	228	220060	6.23	ng/ul	97
88) Benzo(b)fluoranthene	22.93	252	287333	7.56	ng/ul	96
89) Benzo(k)fluoranthene	22.93	252	136597	3.85	ng/ul	95
91) Benzo(a)pyrene	23.51	252	194793	5.41	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.90	276	139679	3.53	ng/ul#	92
93) Dibenzo(a,h)anthracene	25.91	278	34840	1.12	ng/ul#	90
94) Benzo(g,h,i)perylene	26.60	276	131680	3.70	ng/ul	95

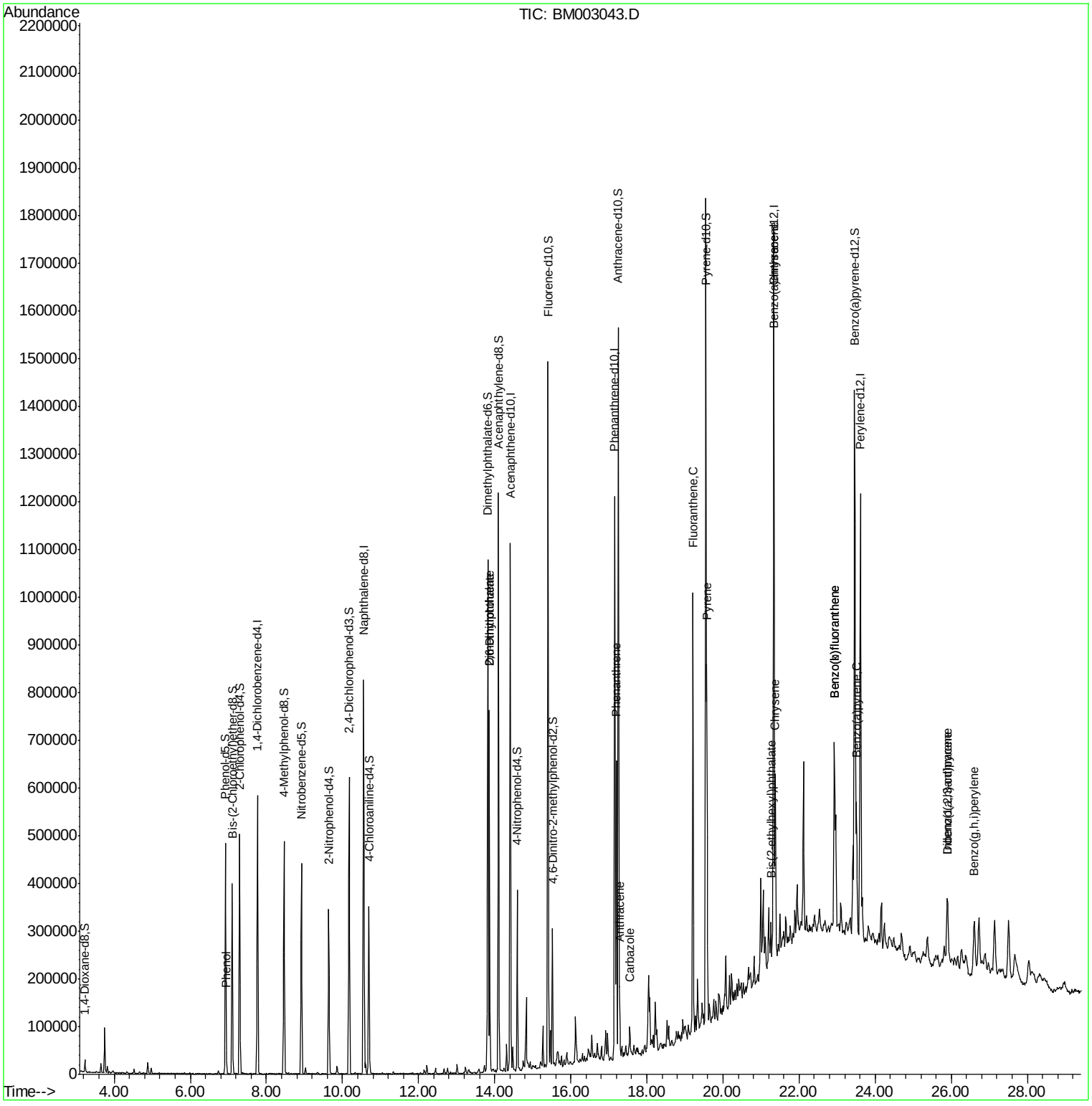
(#) = qualifier out of range (m) = manual integration (+) = signals summed

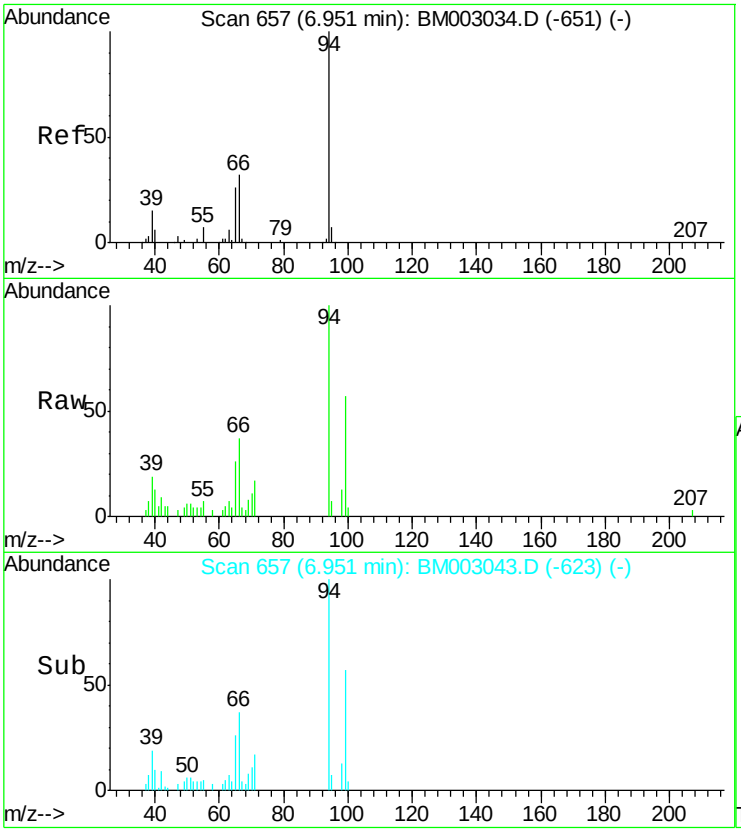
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003043.D
Acq On : 02 Nov 2015 00:25
Operator : UM/IZ
Sample : G4210-14
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC768

Quant Time: Nov 02 02:53:22 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM103015.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 02:48:24 2015
Response via : Initial Calibration



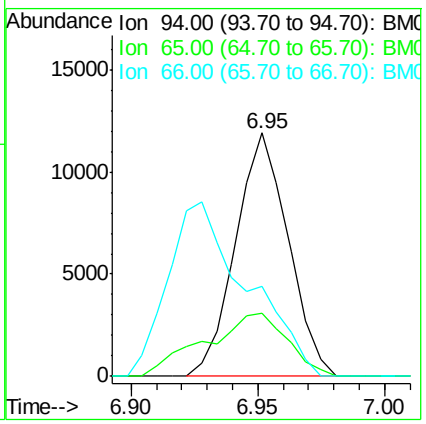


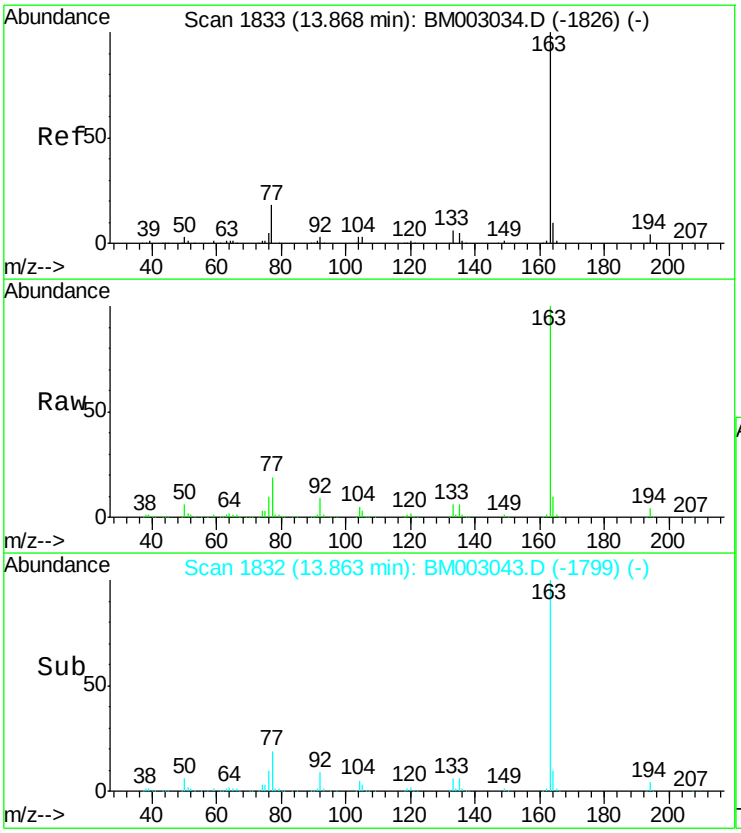
#6
Phenol
Concen: 1.27 ng/ul
RT: 6.95 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion: 94 Resp: 17221

Ion	Ratio	Lower	Upper
94	100		
65	25.9	18.7	28.1
66	37.1	24.2	36.2#

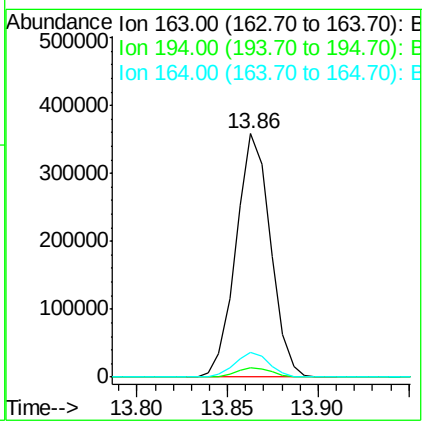


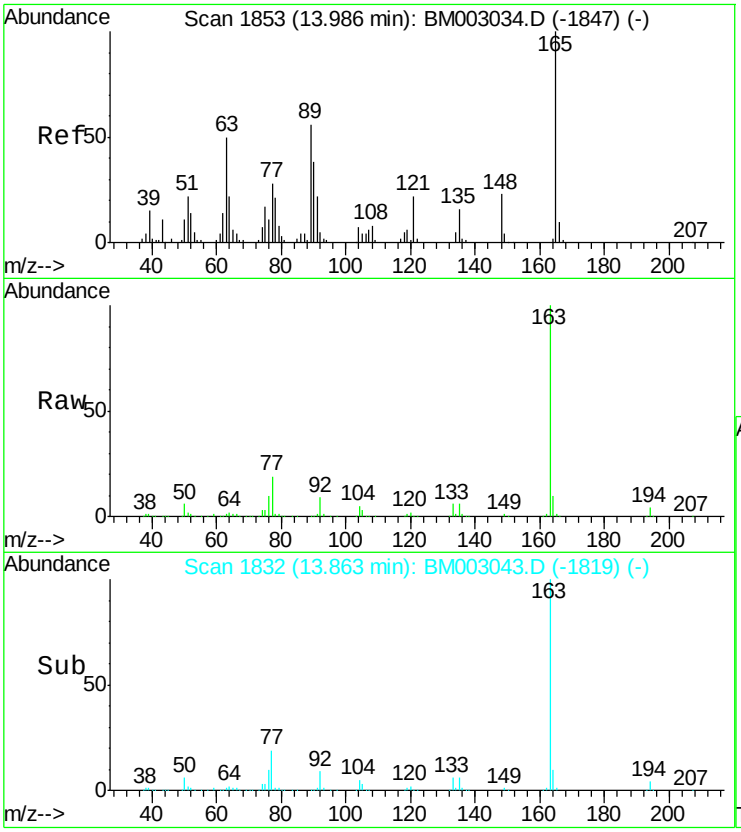


#45
Dimethylphthalate
Concen: 16.96 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:163 Resp: 475049

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.0	7.8	11.8



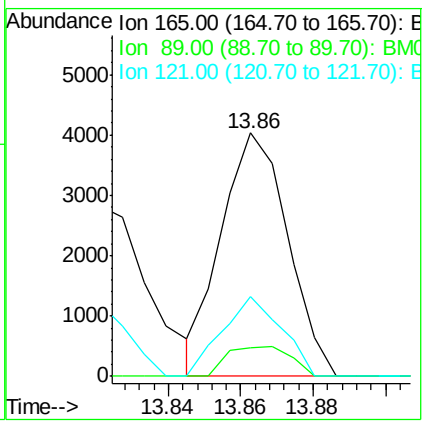


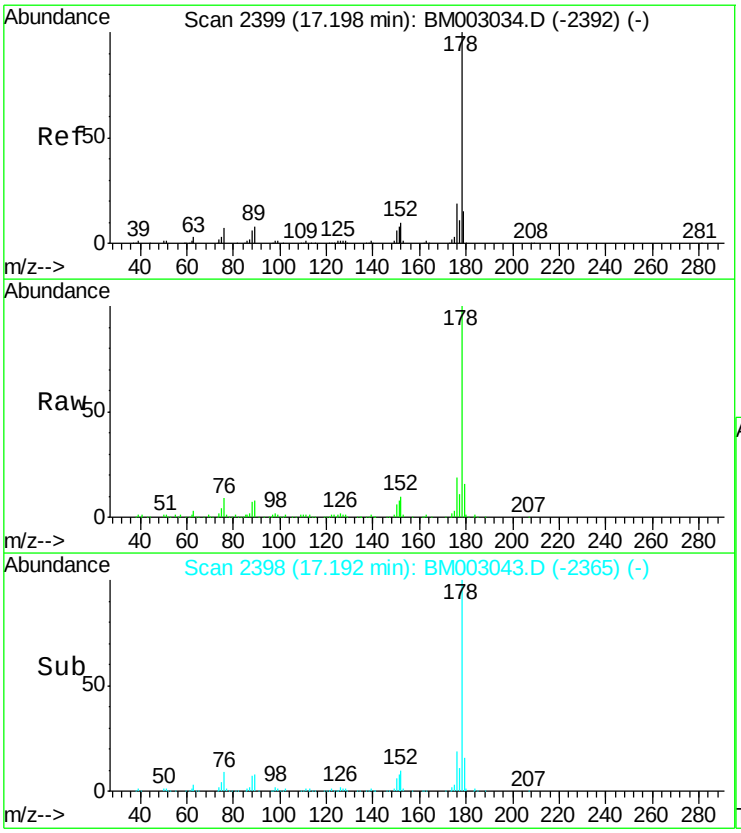
#46
2,6-Dinitrotoluene
Concen: 1.12 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.12 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:165 Resp: 5138

Ion	Ratio	Lower	Upper
165	100		
89	11.6	34.6	51.8#
121	32.8	15.4	23.0#

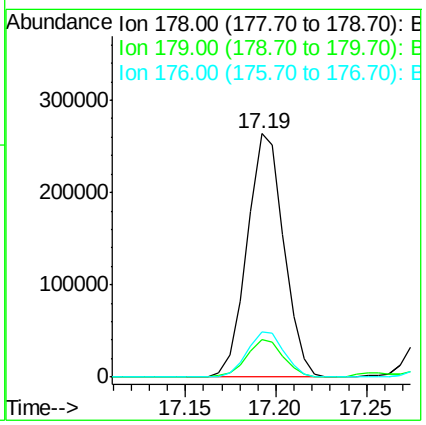


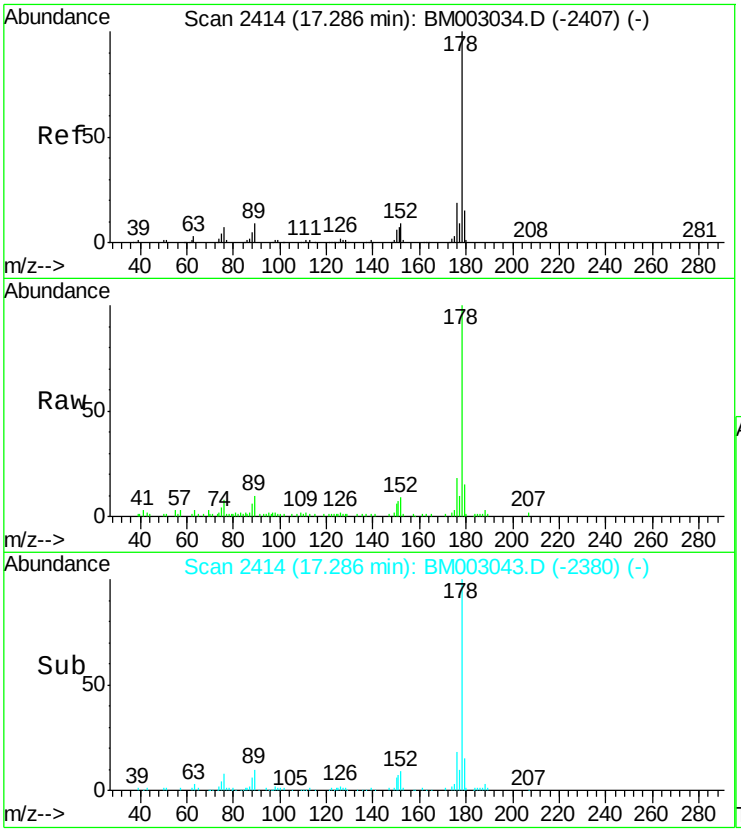


#70
Phenanthrene
Concen: 9.47 ng/ul
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:178 Resp: 370814

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.5	14.7	22.1



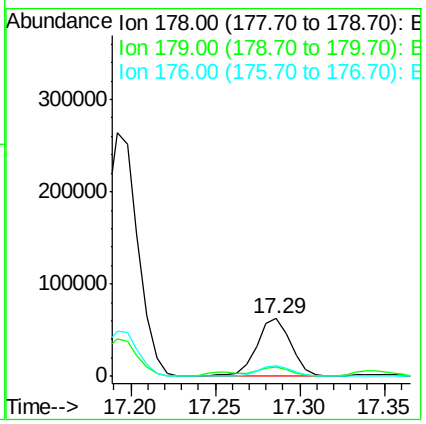


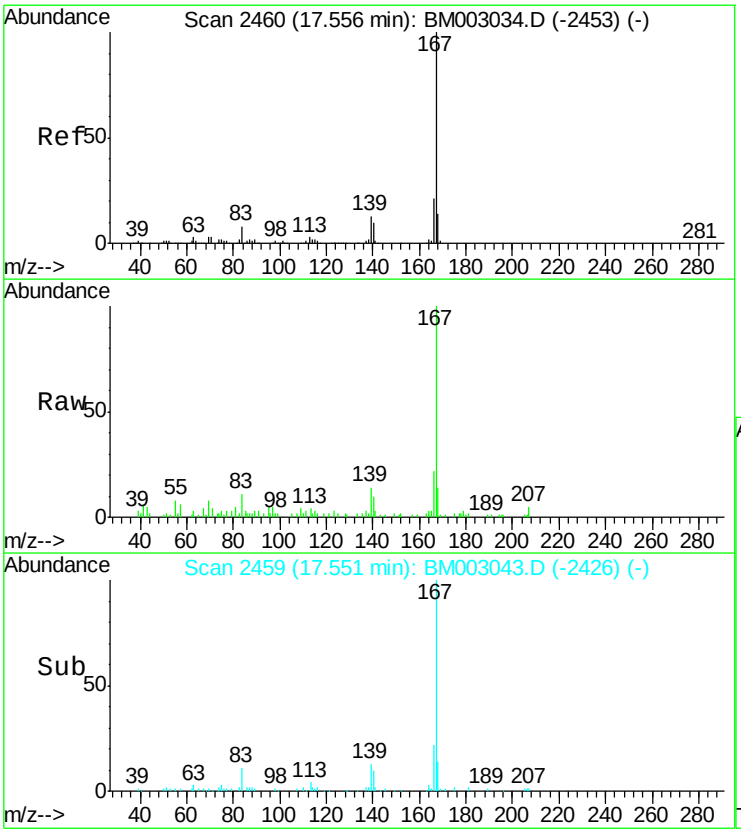
#72
Anthracene
Concen: 2.31 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:178 Resp: 88353

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.3	14.4	21.6

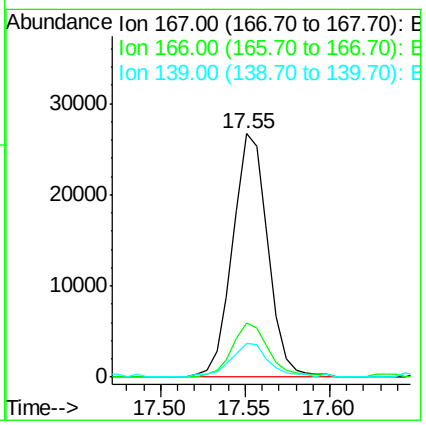


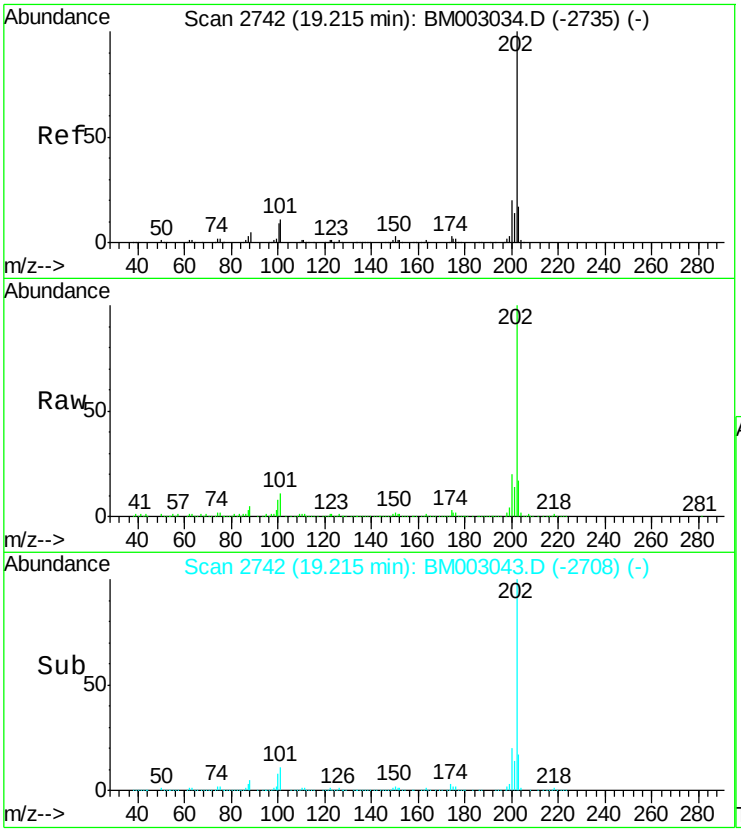


#75
Carbazole
Concen: 1.19 ng/ul
RT: 17.55 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:167 Resp: 38797

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.0	25.4
139	13.8	9.9	14.9



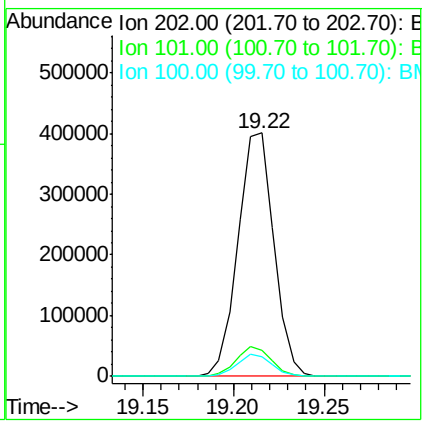


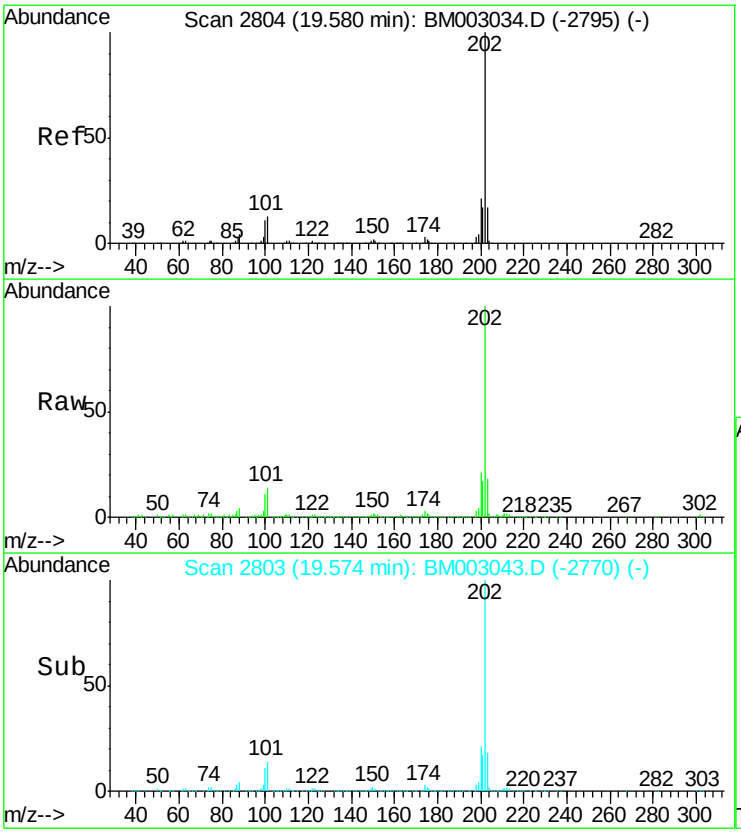
#77
Fluoranthene
Concen: 13.94 ng/ul
RT: 19.22 min Scan# 2742
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:202 Resp: 552034

Ion	Ratio	Lower	Upper
202	100		
101	10.9	10.4	15.6
100	8.1	7.8	11.6

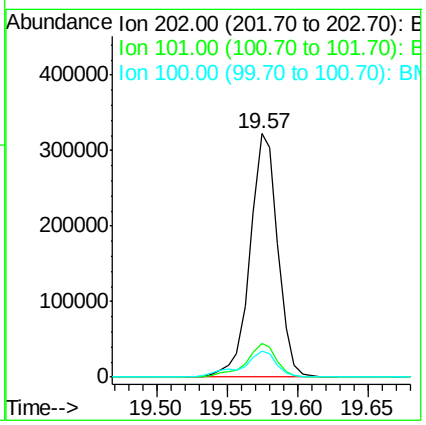


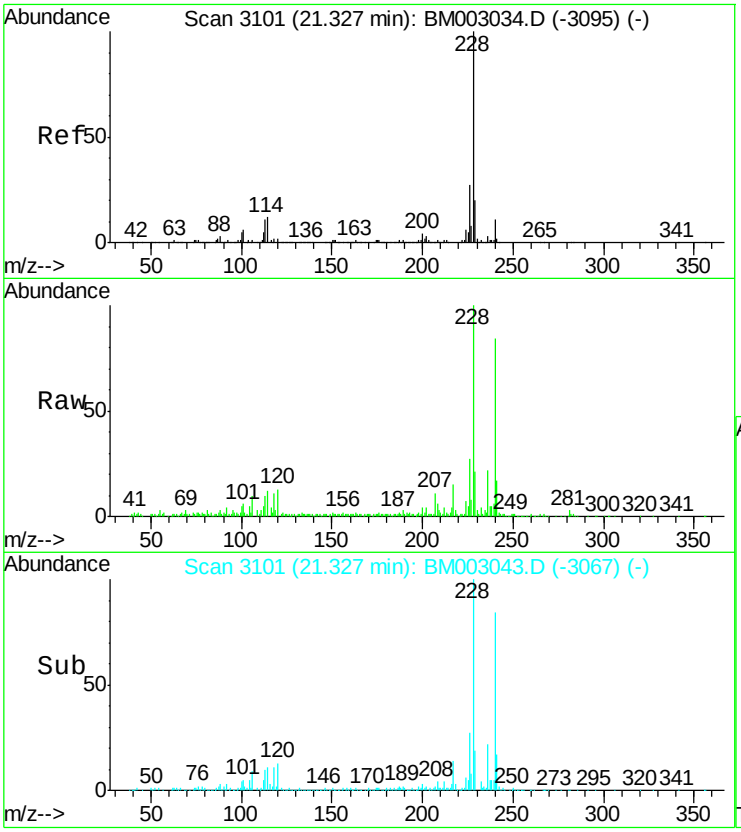


#80
Pyrene
Concen: 10.46 ng/ul
RT: 19.57 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:202 Resp: 444746

Ion	Ratio	Lower	Upper
202	100		
101	13.6	12.6	18.8
100	10.9	10.6	15.8



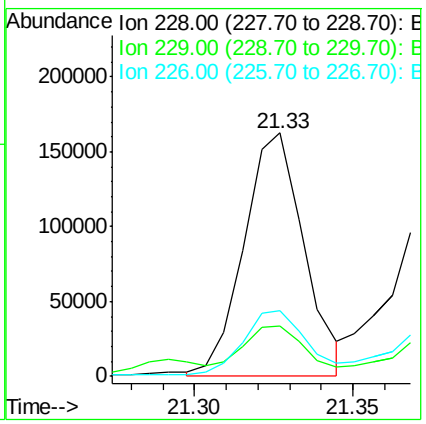


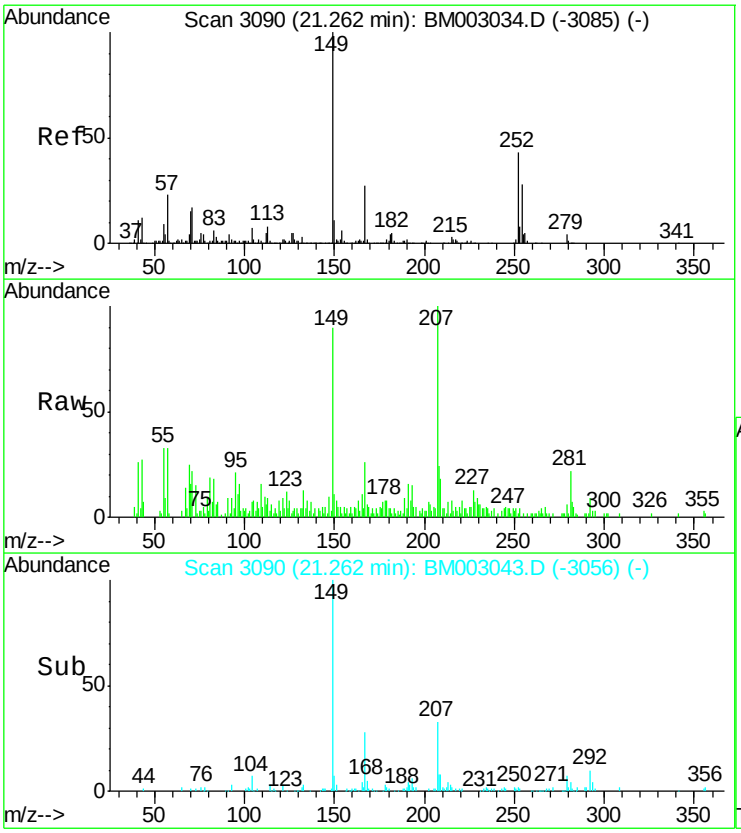
#83
Benzo(a)anthracene
Concen: 5.96 ng/ul
RT: 21.33 min Scan# 3101
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:228 Resp: 212651

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.2	21.0	31.6

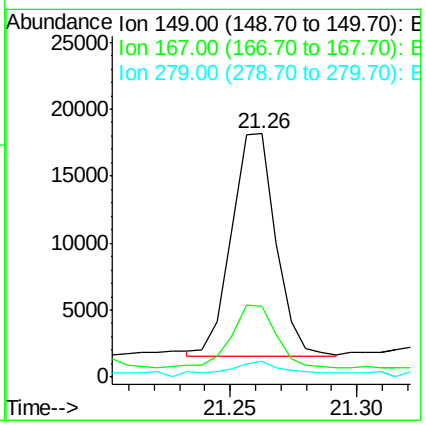


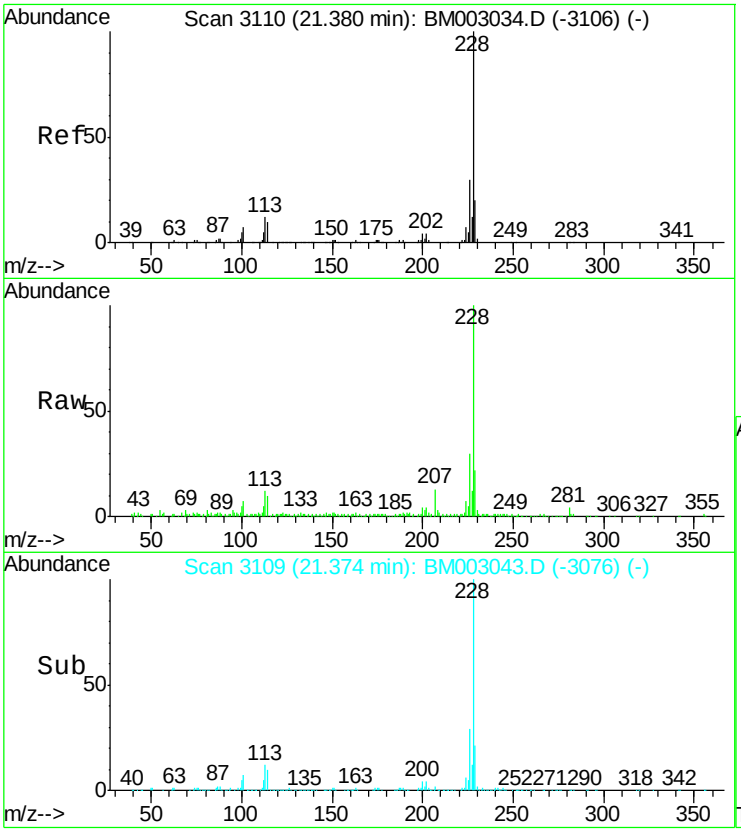


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.03 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:149 Resp: 20186

Ion	Ratio	Lower	Upper
149	100		
167	29.3	22.0	33.0
279	6.5	3.2	4.8#



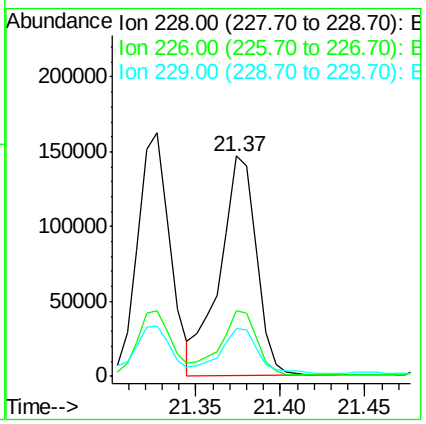


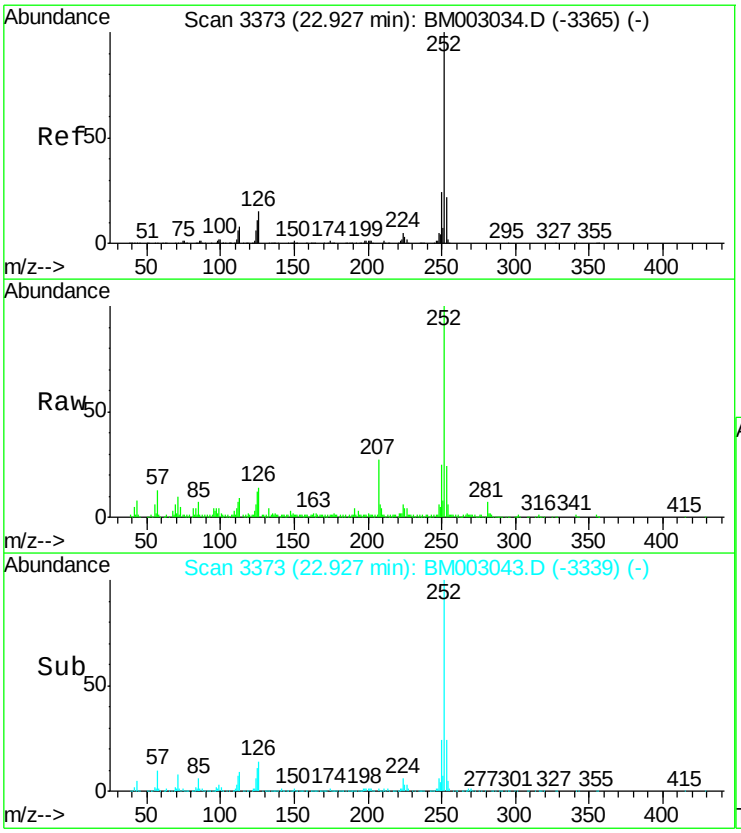
#85
Chrysene
Concen: 6.23 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:228 Resp: 220060

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.3	34.9
229	21.9	15.8	23.6

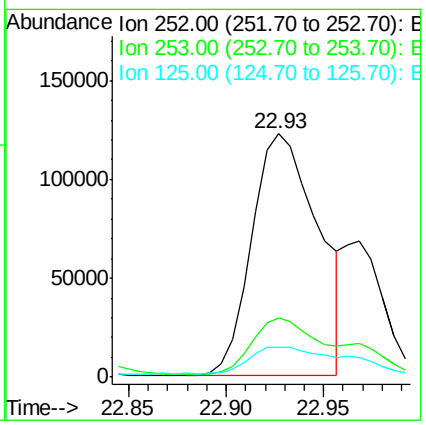


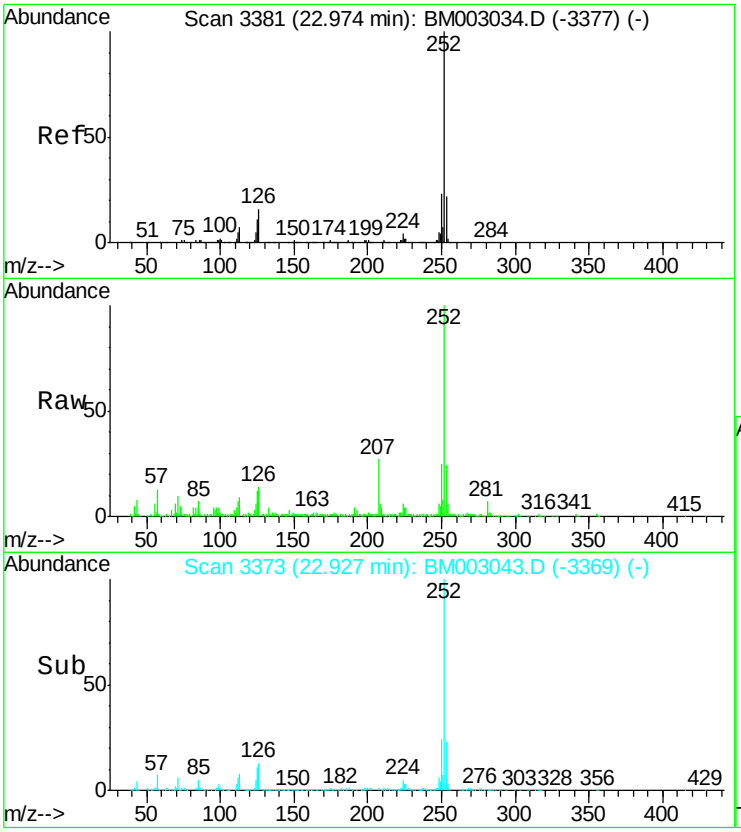


#88
Benzo(b)fluoranthene
Concen: 7.56 ng/ul
RT: 22.93 min Scan# 3373
Delta R.T. 0.00 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:252 Resp: 287333

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.2
125	12.5	10.7	16.1



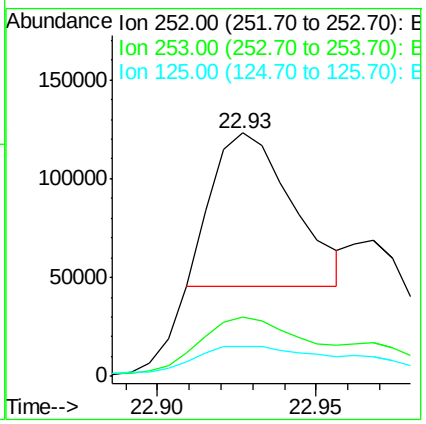


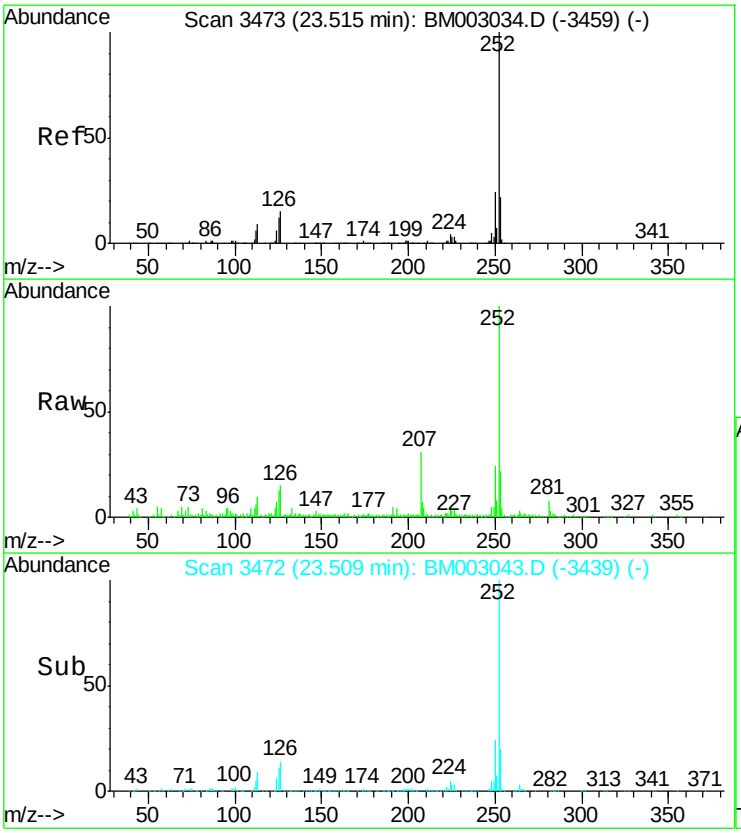
#89
Benzo(k)fluoranthene
Concen: 3.85 ng/ul
RT: 22.93 min Scan# 3373
Delta R.T. -0.05 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:252 Resp: 136597

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.4	26.0
125	12.5	11.1	16.7

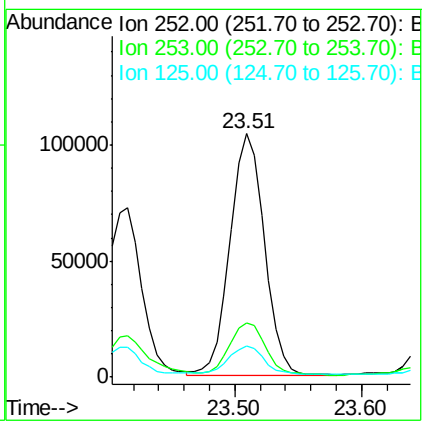


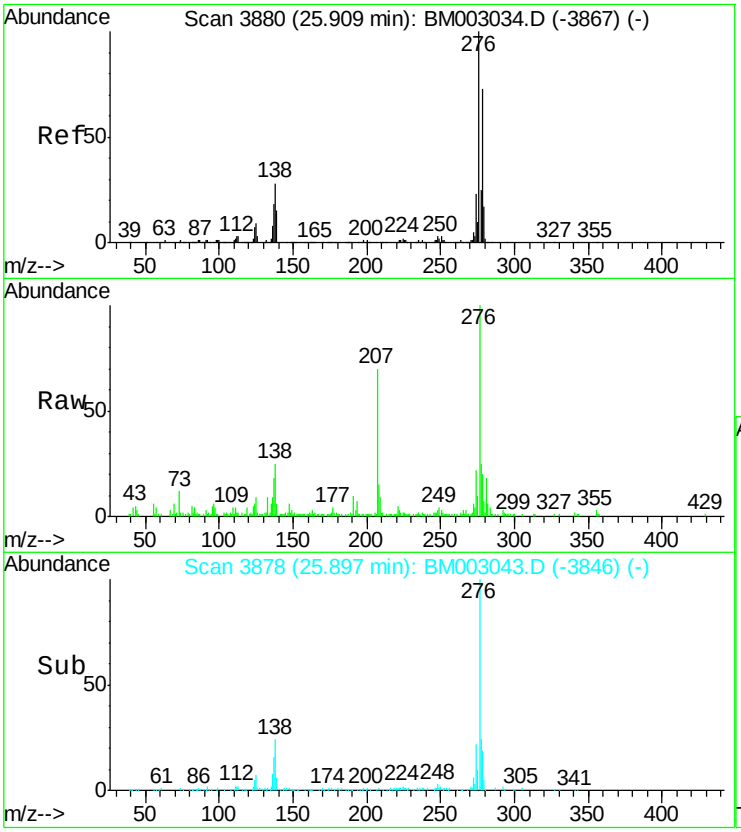


#91
Benzo(a)pyrene
Concen: 5.41 ng/ul
RT: 23.51 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:252 Resp: 194793

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.1	25.7
125	12.9	11.9	17.9



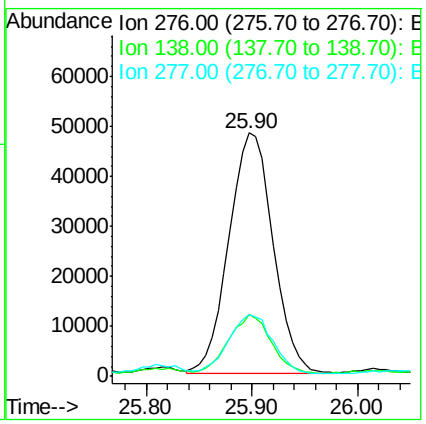


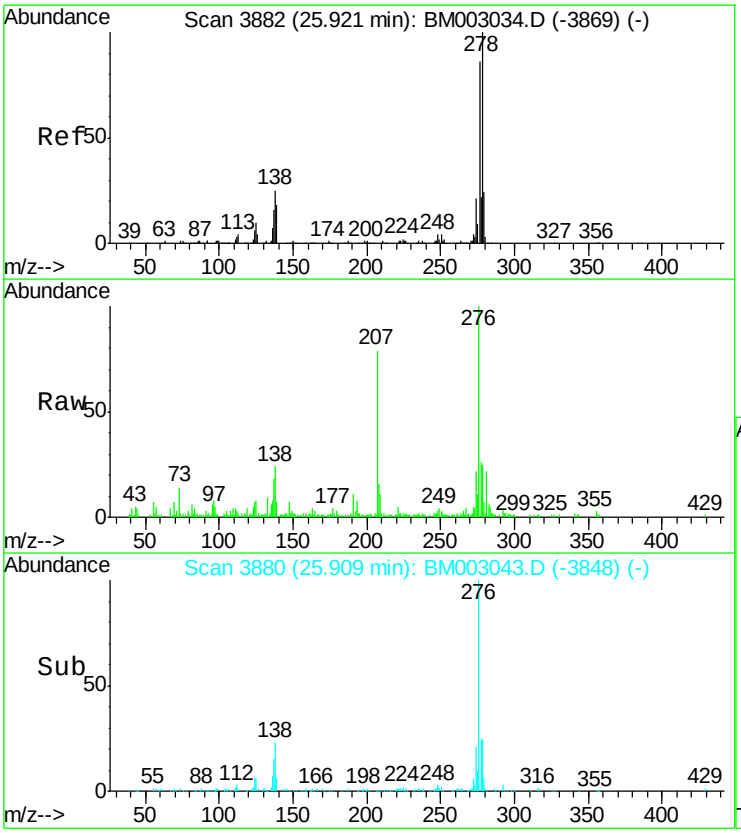
#92
Indeno(1,2,3-cd)pyrene
Concen: 3.53 ng/ul
RT: 25.90 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:276 Resp: 139679

Ion	Ratio	Lower	Upper
276	100		
138	25.2	26.6	40.0#
277	25.2	20.2	30.4

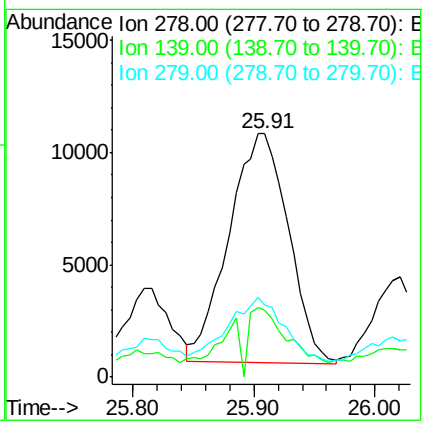


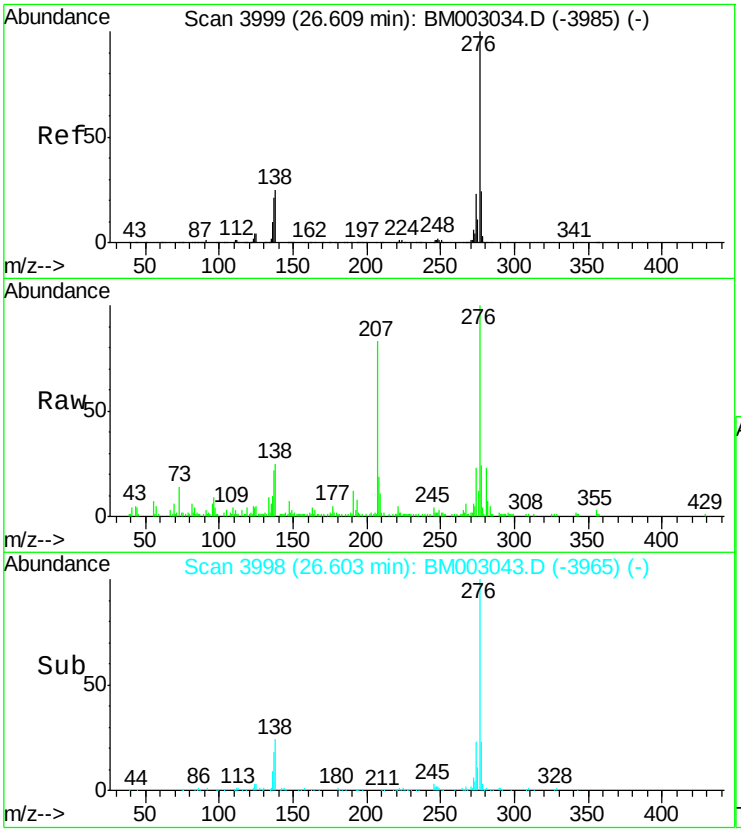


#93
Dibenzo(a,h)anthracene
Concen: 1.12 ng/ul
RT: 25.91 min Scan# 3880
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Tgt Ion:278 Resp: 34840

Ion	Ratio	Lower	Upper
278	100		
139	27.6	18.8	28.2
279	29.7	19.3	28.9#





#94
Benzo(g,h,i)perylene
Concen: 3.70 ng/ul
RT: 26.60 min Scan# 3998
Delta R.T. -0.01 min
Lab File: BM003043.D
Acq: 02 Nov 2015 00:25

Instrument :
BNA_M
ClientSampleId :
BC768

Tgt Ion:276 Resp: 131680

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.8	35.6
277	24.2	19.4	29.2