Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003042.D
Acq On : 01 Nov 2015 23:49
Operator : UM/IZ
Sample : G4210-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC767

Quant Time: Nov 02 02:53:01 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	7.77	152	145755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	609209	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.41	164	310744	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	646055	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	687011	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	679300	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	11374	3.68	ng/uL	0.00
5) Phenol-d5	6.92	99	216712	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	141191	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	197342	20.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	114409	12.31	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	91466	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	93756	24.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	172236	20.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	918832	84.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	550111	23.53	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	650857	21.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	66896	16.98	ng/ul	0.00
58) Fluorene-d10	15.40	176	465824	23.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	50180	16.77	ng/ul	0.00
71) Anthracene-d10	17.25	188	666718	23.28	ng/ul	0.00
79) Pyrene-d10	19.54	212	696782	20.60	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	731040	22.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.95	94	12276	1.04	ng/ul	92
45) Dimethylphthalate	13.86	163	401064	16.84	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	4241	1.09	ng/ul#	62
64) 4,6-Dinitro-2-methylphenol	15.46	198	11356	3.50	ng/ul#	66
70) Phenanthrene	17.19	178	209559	5.73	ng/ul	99
72) Anthracene	17.29	178	45042	1.26	ng/ul	99
77) Fluoranthene	19.21	202	361877	9.78	ng/ul	97
80) Pyrene	19.57	202	291456	6.48	ng/ul	96
83) Benzo(a)anthracene	21.32	228	161661	4.28	ng/ul	97
85) Chrysene	21.37	228	154969	4.15	ng/ul	98
88) Benzo(b)fluoranthene	22.92	252	215151	5.50	ng/ul	96
89) Benzo(k)fluoranthene	22.92	252	132818	3.64	ng/ul	95
91) Benzo(a)pyrene	23.51	252	136636	3.69	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.89	276	99431	2.44	ng/ul#	89
94) Benzo(g,h,i)perylene	26.60	276	85634	2.34	ng/ul	95

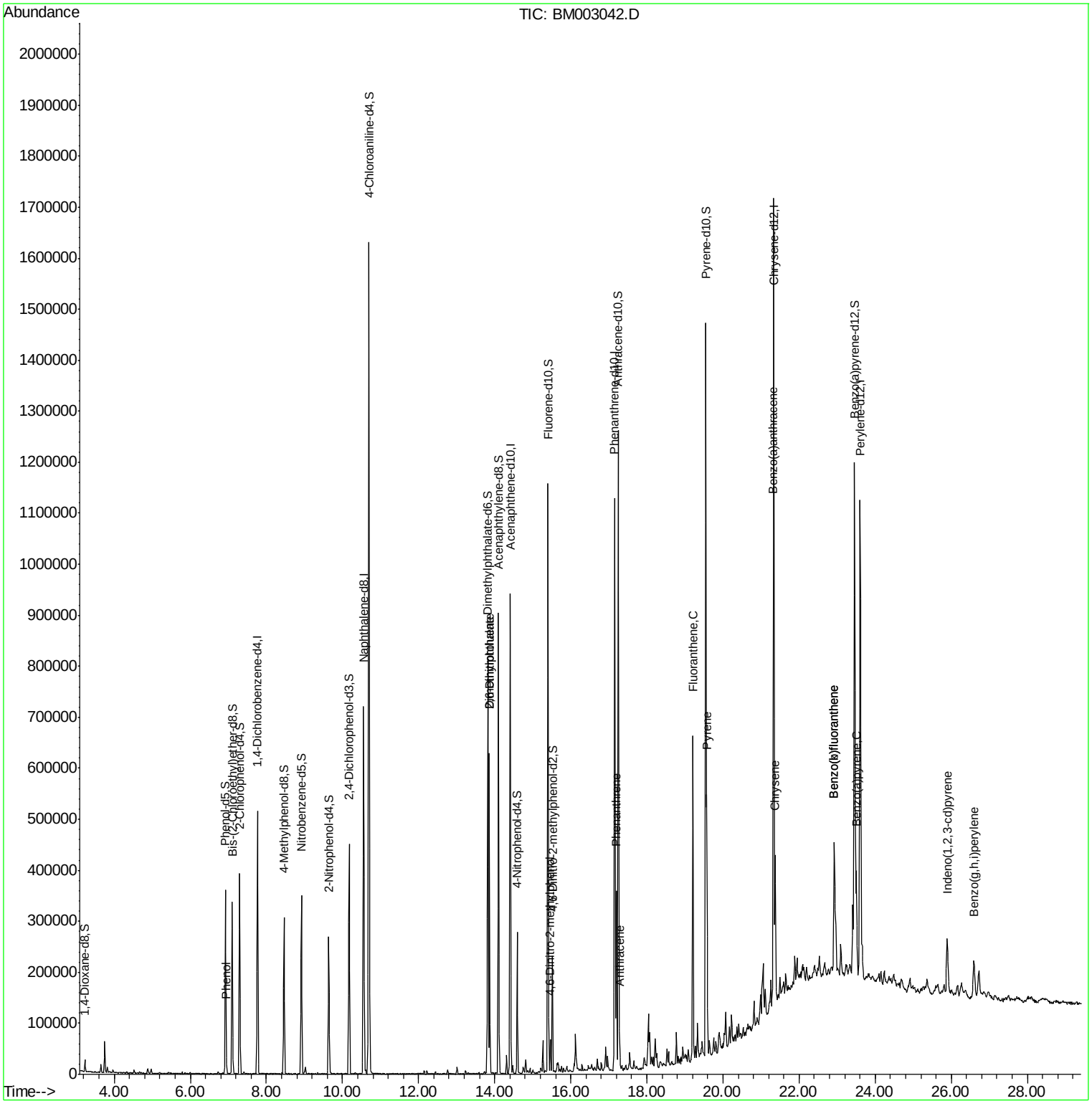
(#) = qualifier out of range (m) = manual integration (+) = signals summed

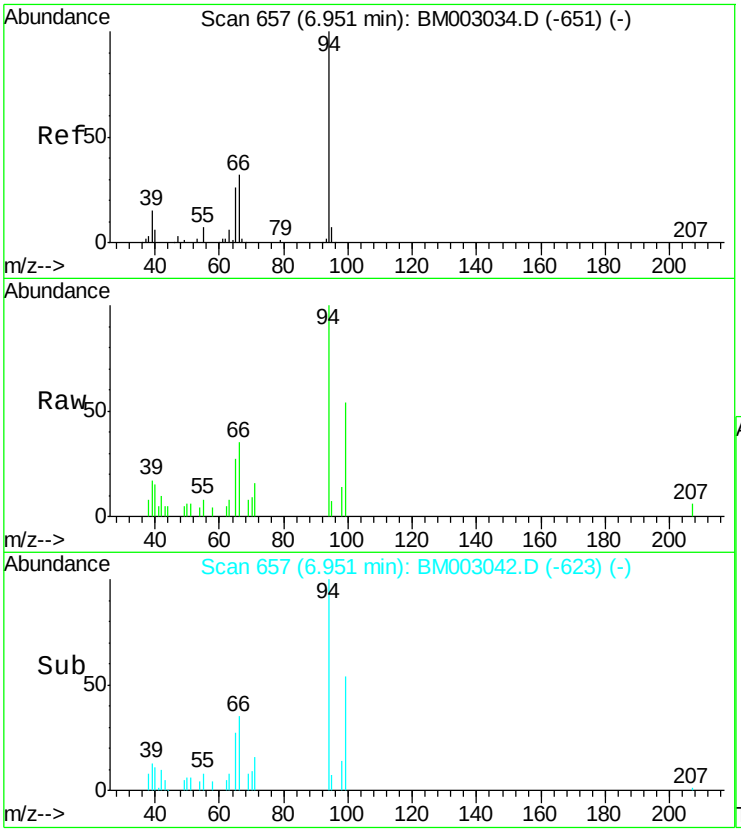
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110115\
Data File : BM003042.D
Acq On : 01 Nov 2015 23:49
Operator : UM/IZ
Sample : G4210-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC767

Quant Time: Nov 02 02:53:01 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



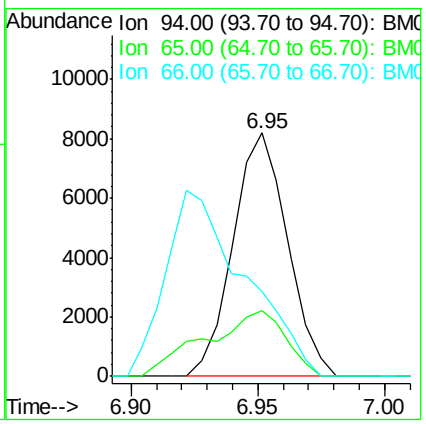


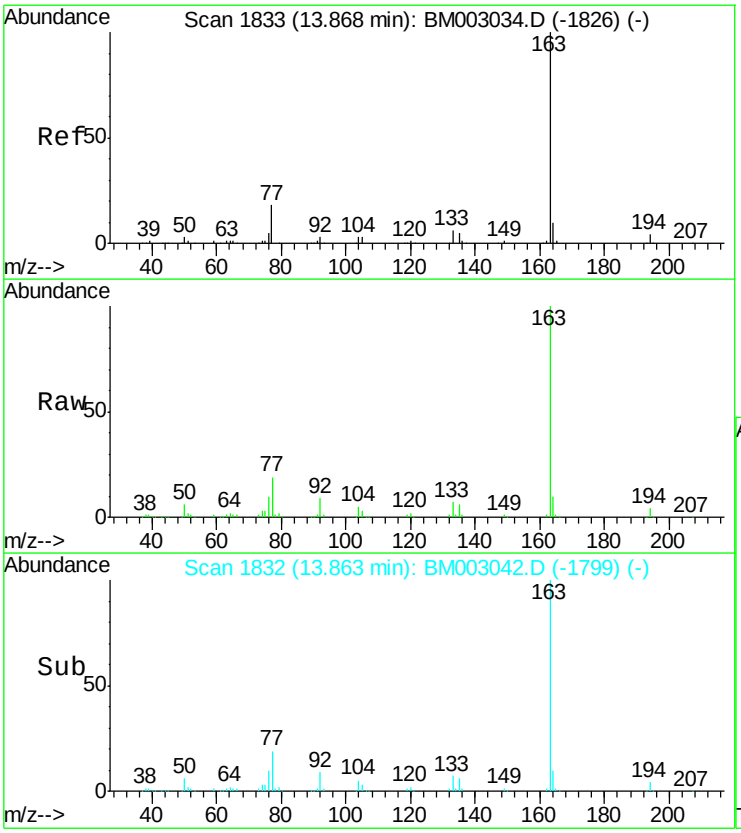
#6
Phenol
Concen: 1.04 ng/ul
RT: 6.95 min Scan# 657
Delta R.T. 0.00 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion: 94 Resp: 12276

Ion	Ratio	Lower	Upper
94	100		
65	27.1	18.7	28.1
66	34.6	24.2	36.2

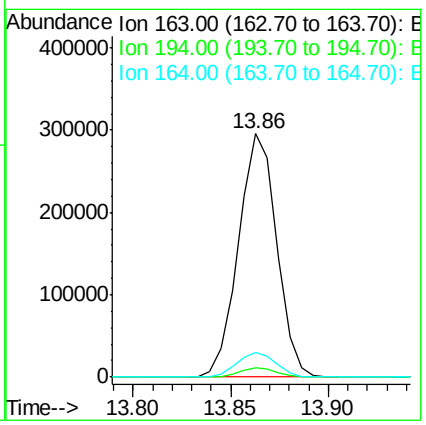


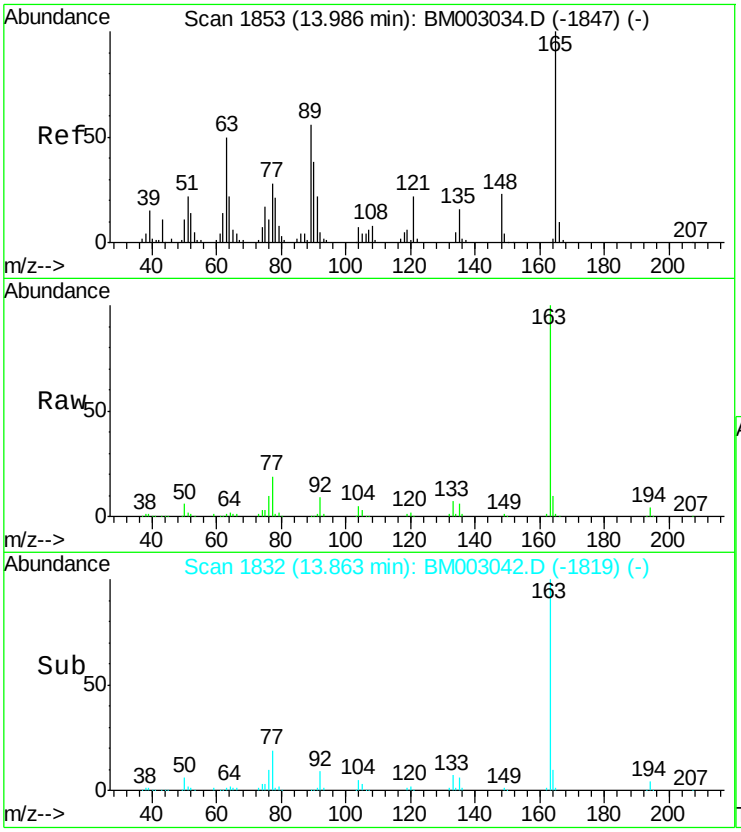


#45
Dimethylphthalate
Concen: 16.84 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:163 Resp: 401064

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.2	7.8	11.8



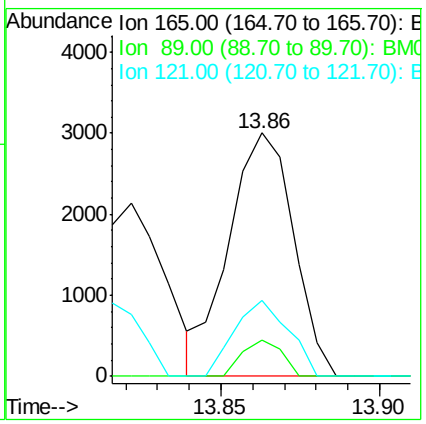


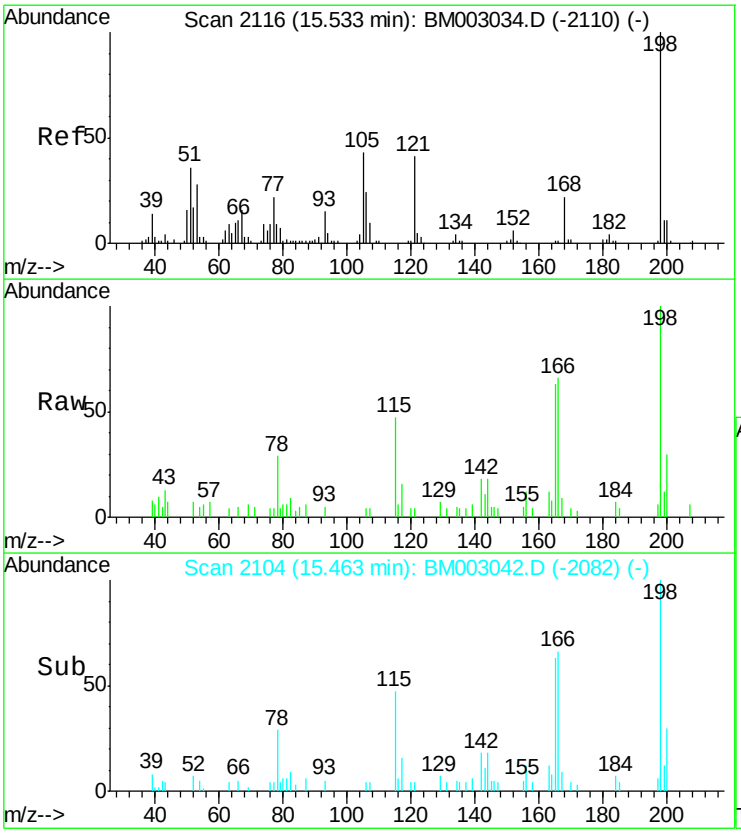
#46
2,6-Dinitrotoluene
Concen: 1.09 ng/ul
RT: 13.86 min Scan# 1832
Delta R.T. -0.12 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:165 Resp: 4241

Ion	Ratio	Lower	Upper
165	100		
89	15.0	34.6	51.8#
121	31.0	15.4	23.0#

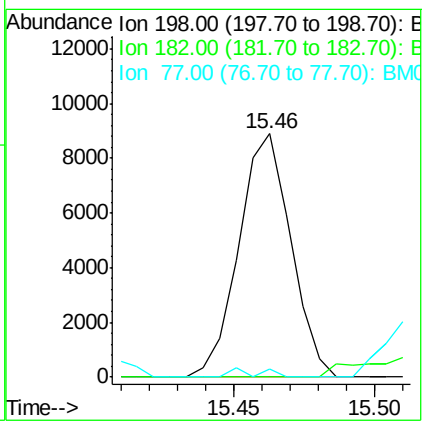


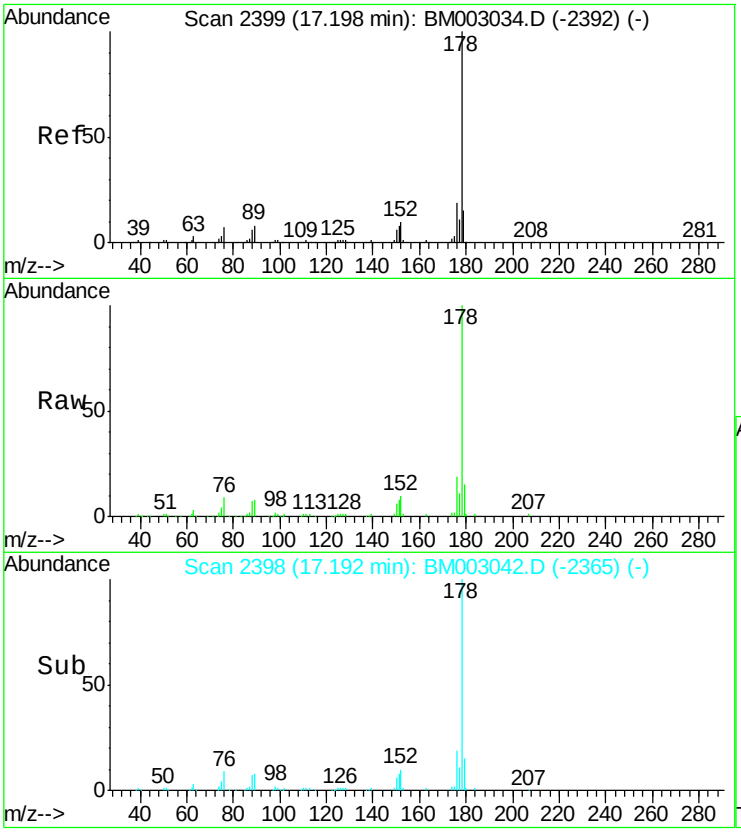


#64
4,6-Dinitro-2-methylphenol
Concen: 3.50 ng/ul
RT: 15.46 min Scan# 2104
Delta R.T. -0.07 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:198 Resp: 11356

Ion	Ratio	Lower	Upper
198	100		
182	0.0	3.8	5.6#
77	3.6	17.4	26.0#



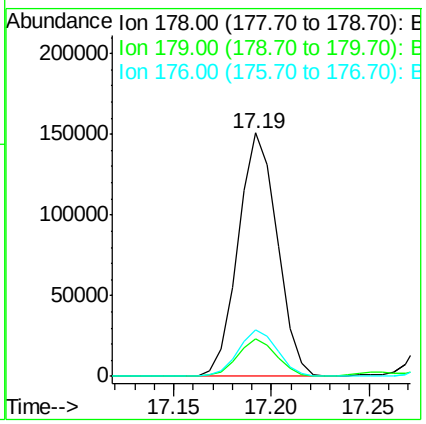


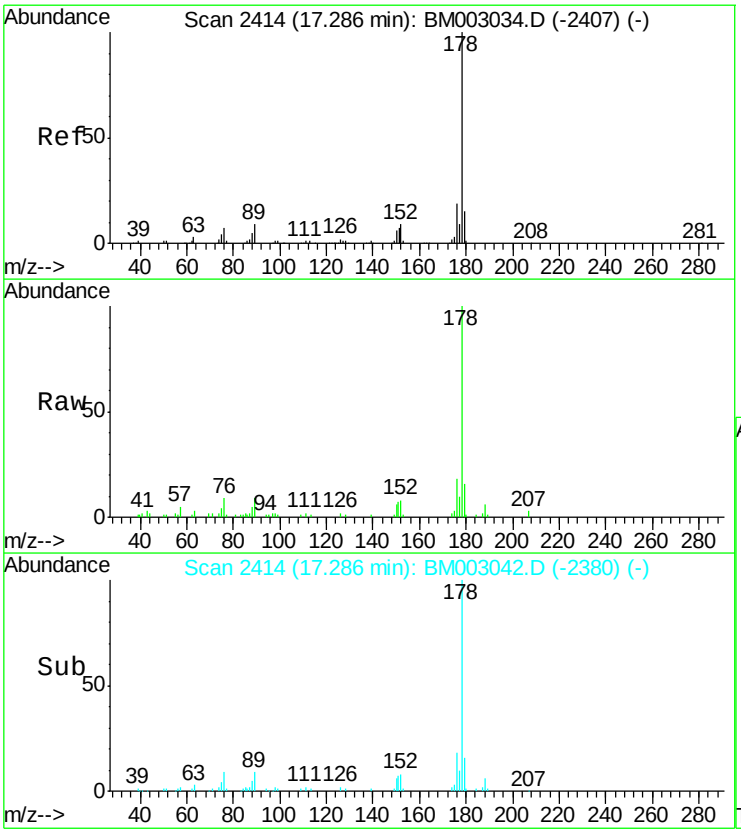
#70
Phenanthrene
Concen: 5.73 ng/ul
RT: 17.19 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:178 Resp: 209559

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.9	14.7	22.1

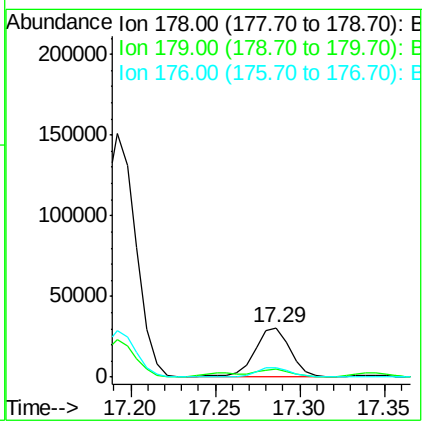


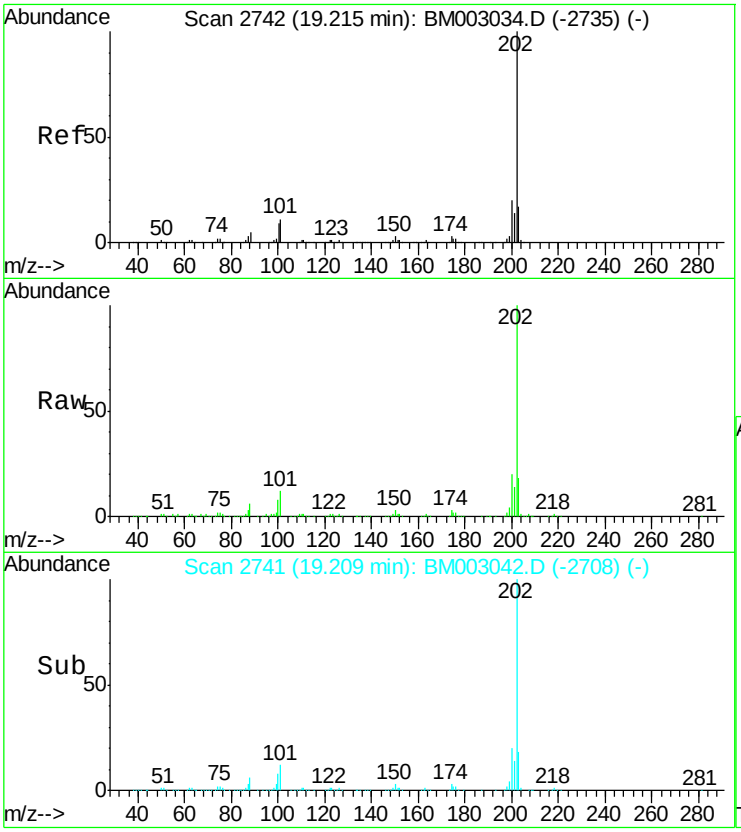


#72
Anthracene
Concen: 1.26 ng/ul
RT: 17.29 min Scan# 2414
Delta R.T. 0.00 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:178 Resp: 45042

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	17.9	14.4	21.6



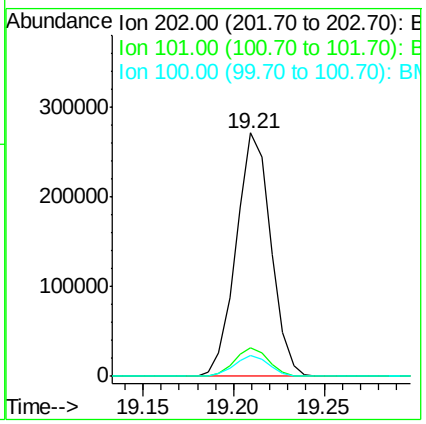


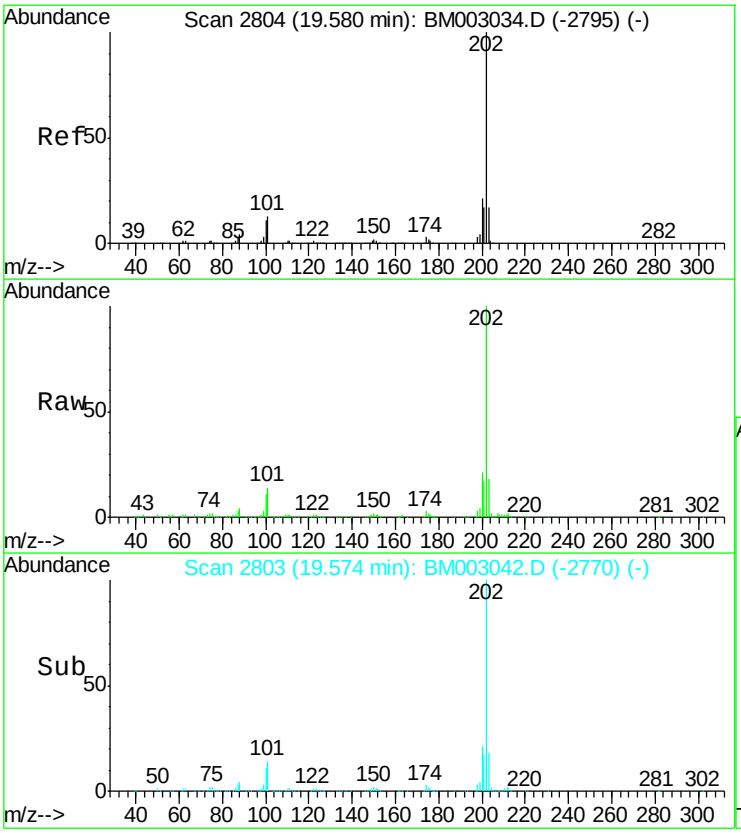
#77
Fluoranthene
Concen: 9.78 ng/ul
RT: 19.21 min Scan# 2741
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:202 Resp: 361877

Ion	Ratio	Lower	Upper
202	100		
101	11.8	10.4	15.6
100	8.3	7.8	11.6

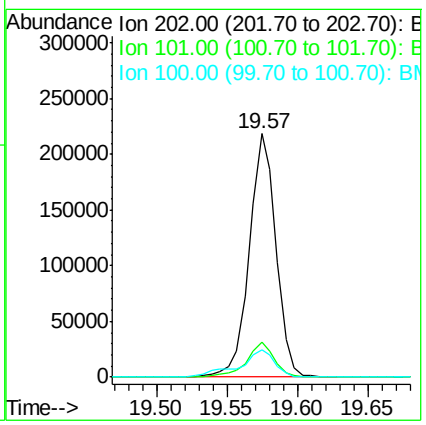


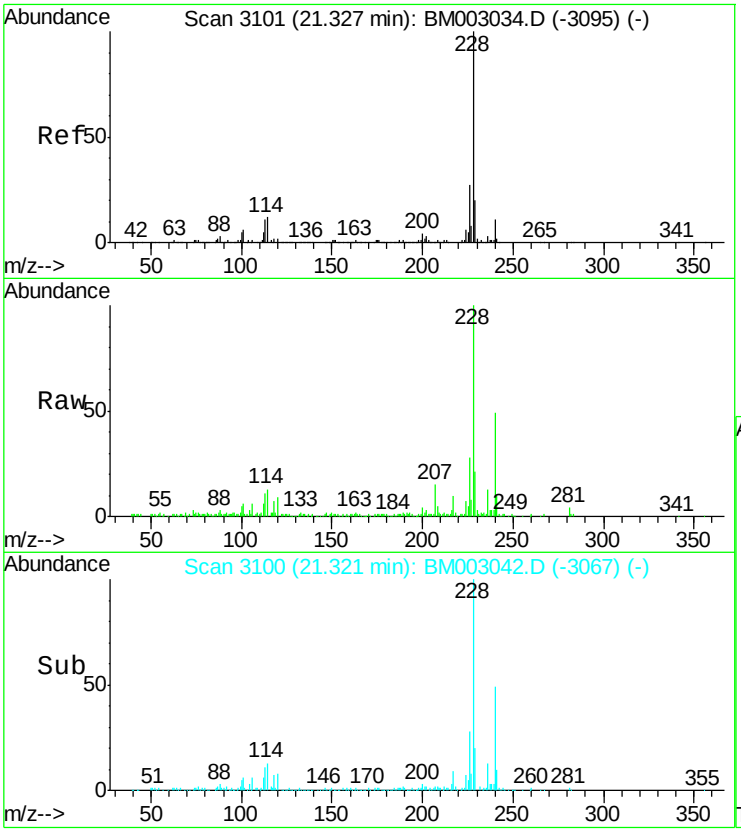


#80
Pyrene
Concen: 6.48 ng/ul
RT: 19.57 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:202 Resp: 291456

Ion	Ratio	Lower	Upper
202	100		
101	14.2	12.6	18.8
100	11.2	10.6	15.8



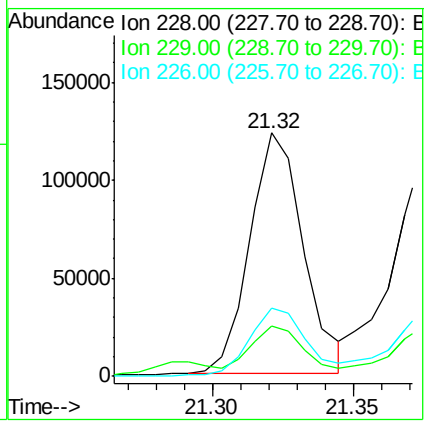


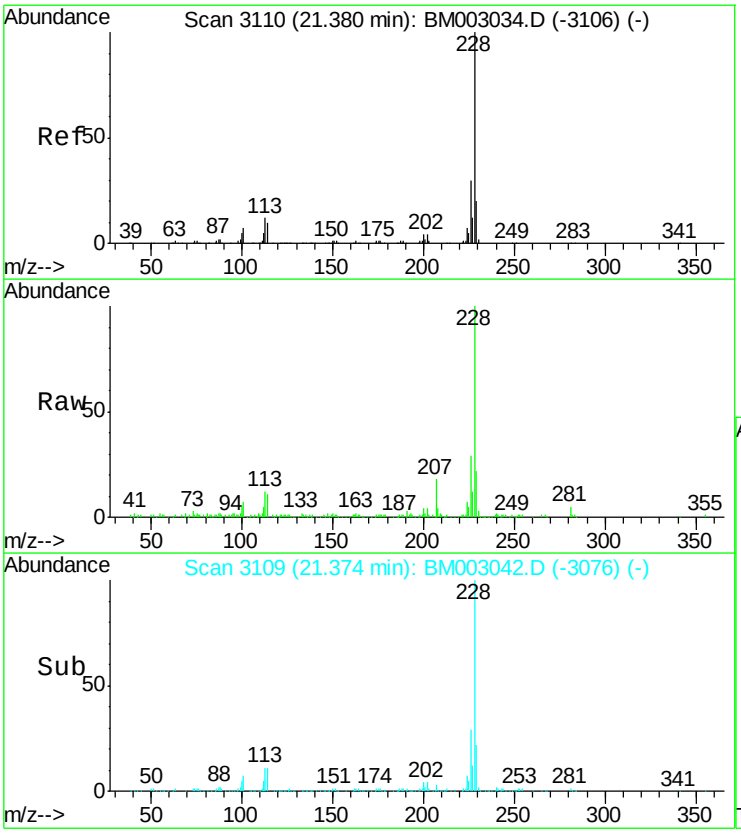
#83
Benzo(a)anthracene
Concen: 4.28 ng/ul
RT: 21.32 min Scan# 3100
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:228 Resp: 161661

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.6	23.4
226	28.3	21.0	31.6

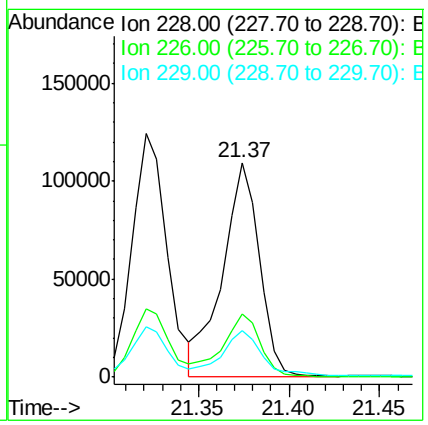


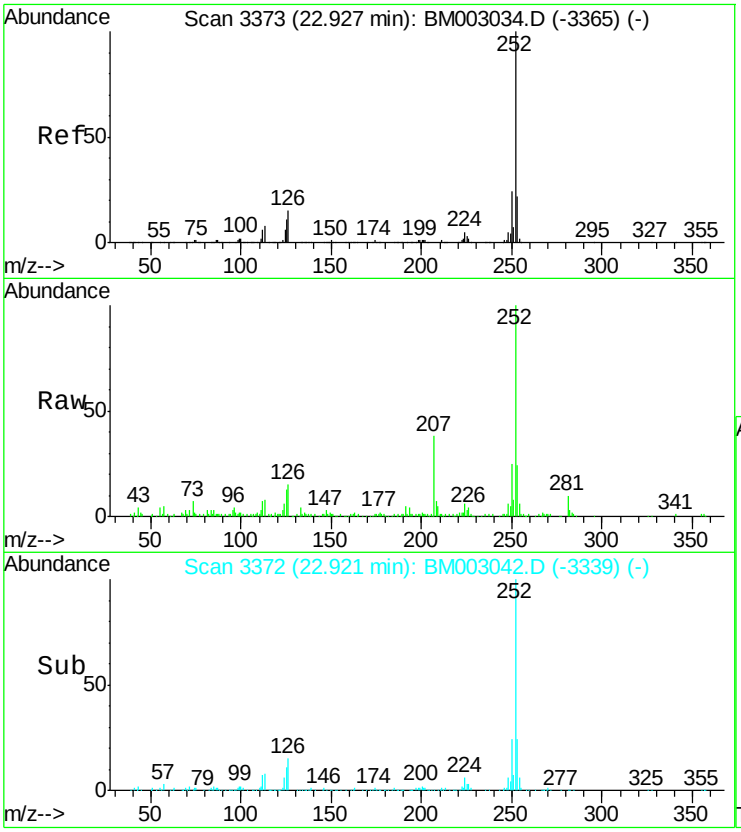


#85
Chrysene
Concen: 4.15 ng/ul
RT: 21.37 min Scan# 3109
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:228 Resp: 154969

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.3	34.9
229	22.0	15.8	23.6



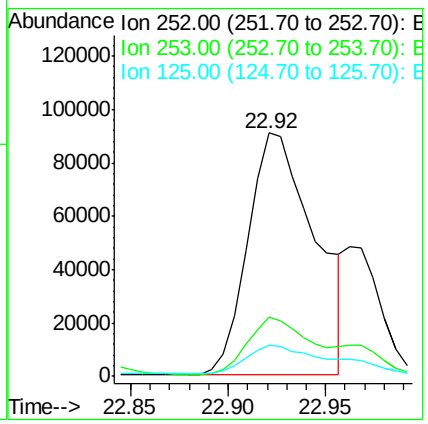


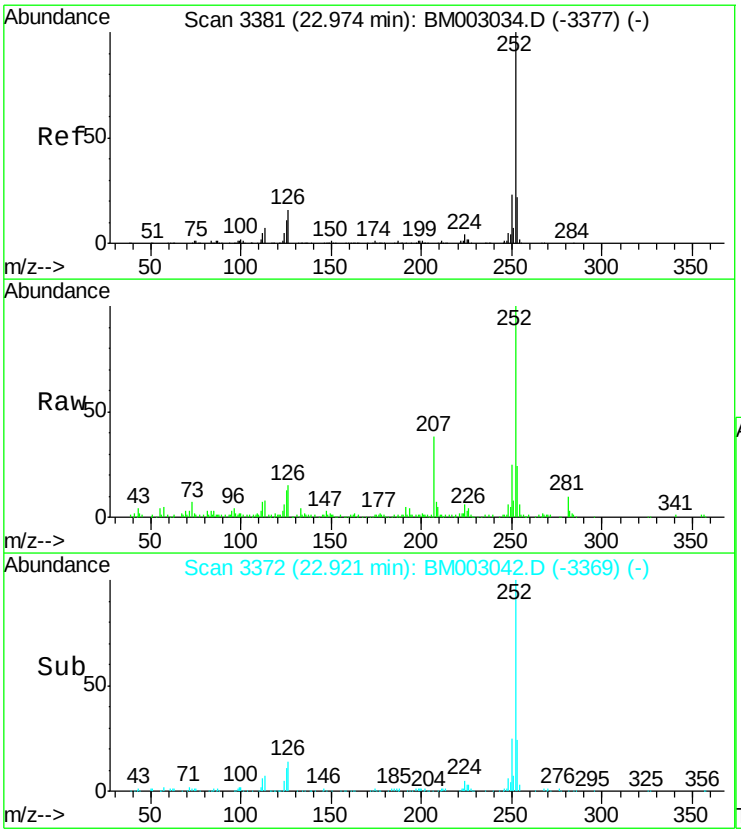
#88
Benzo(b)fluoranthene
Concen: 5.50 ng/ul
RT: 22.92 min Scan# 3372
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:252 Resp: 215151

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.2
125	12.5	10.7	16.1

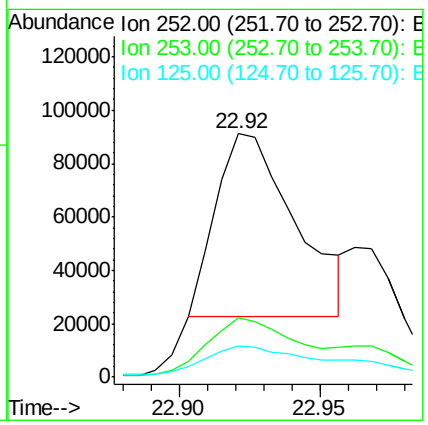


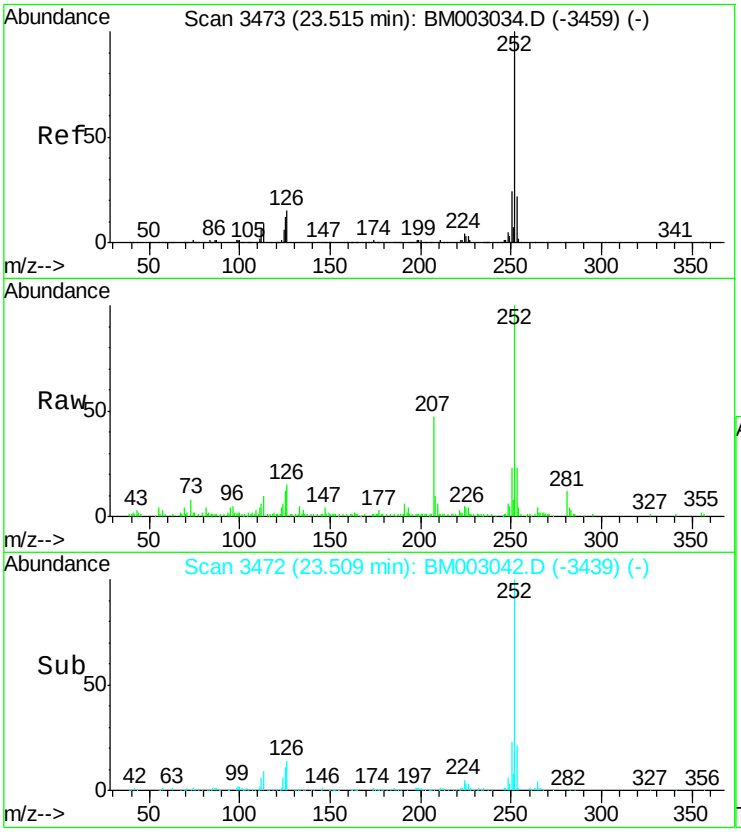


#89
Benzo(k)fluoranthene
Concen: 3.64 ng/ul
RT: 22.92 min Scan# 3372
Delta R.T. -0.05 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:252 Resp: 132818

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.4	26.0
125	12.5	11.1	16.7



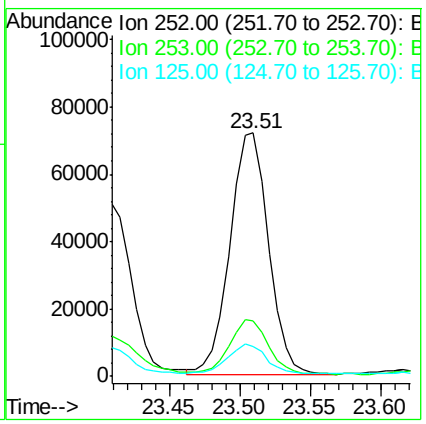


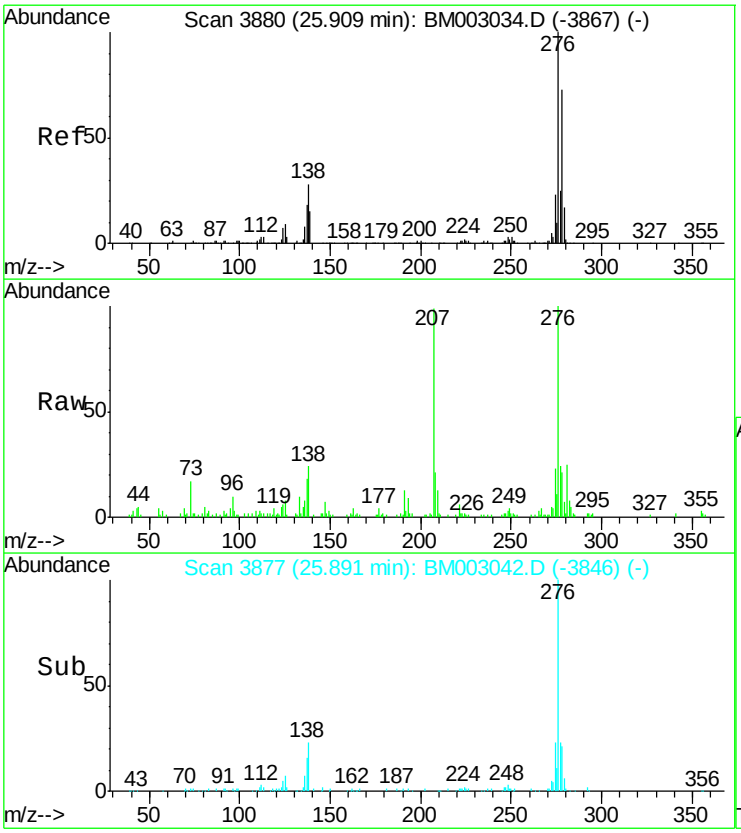
#91
Benzo(a)pyrene
Concen: 3.69 ng/ul
RT: 23.51 min Scan# 3472
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:252 Resp: 136636

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	12.2	11.9	17.9

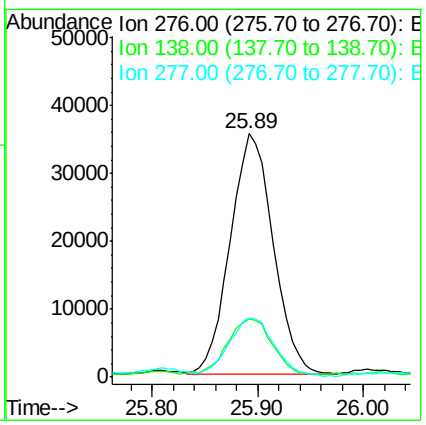


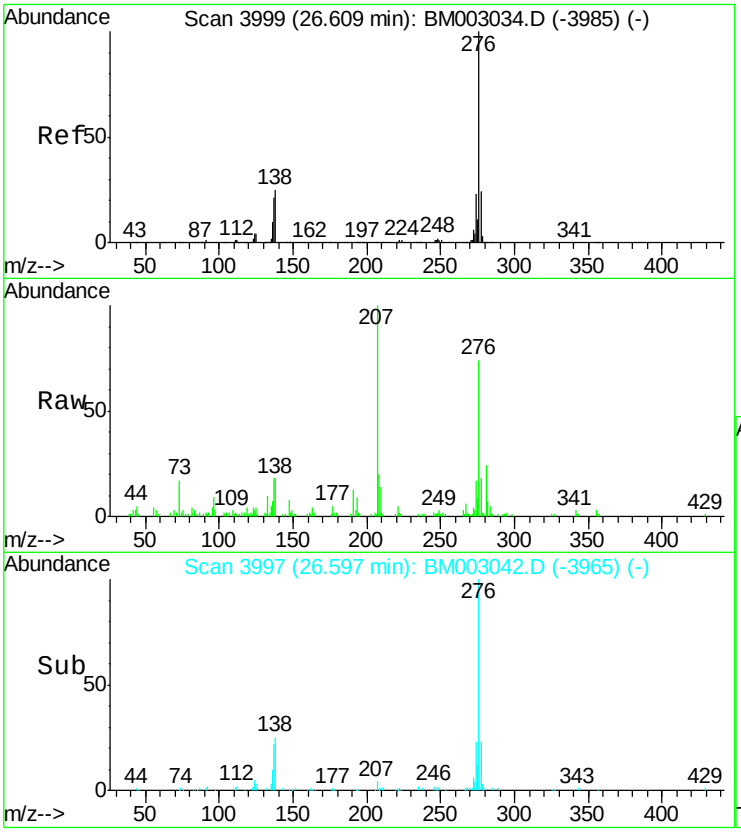


#92
Indeno(1,2,3-cd)pyrene
Concen: 2.44 ng/ul
RT: 25.89 min Scan# 3877
Delta R.T. -0.02 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Tgt Ion:276 Resp: 99431

Ion	Ratio	Lower	Upper
276	100		
138	23.6	26.6	40.0#
277	24.2	20.2	30.4





#94
Benzo(g,h,i)perylene
Concen: 2.34 ng/ul
RT: 26.60 min Scan# 3997
Delta R.T. -0.01 min
Lab File: BM003042.D
Acq: 01 Nov 2015 23:49

Instrument :
BNA_M
ClientSampleId :
BC767

Tgt Ion:276 Resp: 85634

Ion	Ratio	Lower	Upper
276	100		
138	24.9	23.8	35.6
277	24.3	19.4	29.2