Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010718.D
Acq On : 24 Jun 2017 08:02
Operator : SJ/JU
Sample : I3627-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5A09

Quant Time: Jun 26 01:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	90668	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	426643	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	294999	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	692798	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	726534	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	533381	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	4906	3.10	ng/uL	0.00
5) Phenol-d5	6.65	99	159844	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	90404	18.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	121835	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	143061	19.98	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	65003	21.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	80976	23.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	160639	21.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	177618	22.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	559895	21.62	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	638058	21.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	80968	17.77	ng/ul	0.00
57) Fluorene-d10	15.11	176	469414	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	92743	21.80	ng/ul	0.00
70) Anthracene-d10	16.96	188	739487	22.10	ng/ul	0.00
76) Pyrene-d10	19.27	212	824680	24.43	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	577564	22.40	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.67	94	16972	1.91	ng/ul	90
28) Naphthalene	10.27	128	26498	1.25	ng/ul	96
44) Dimethylphthalate	13.58	163	214627	8.46	ng/ul	99
47) Acenaphthylene	13.83	152	34111	1.19	ng/ul#	88
69) Phenanthrene	16.91	178	106600	2.89	ng/ul	96
71) Anthracene	16.91	178	106600	2.81	ng/ul	95
74) Fluoranthene	18.93	202	263063	5.54	ng/ul	98
77) Pyrene	19.30	202	409001	9.75	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	291010	6.88	ng/ul	94
82) Chrysene	21.12	228	359087	9.52	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	613837	17.73	ng/ul	99
86) Benzo(k)fluoranthene	22.59	252	613837	18.70	ng/ul#	98
88) Benzo(a)pyrene	23.13	252	315815	9.91	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.33	276	191994	5.81	ng/ul	95
90) Dibenzo(a,h)anthracene	25.34	278	51827	1.88	ng/ul#	86
91) Benzo(g,h,i)perylene	25.97	276	132641	5.04	ng/ul	94

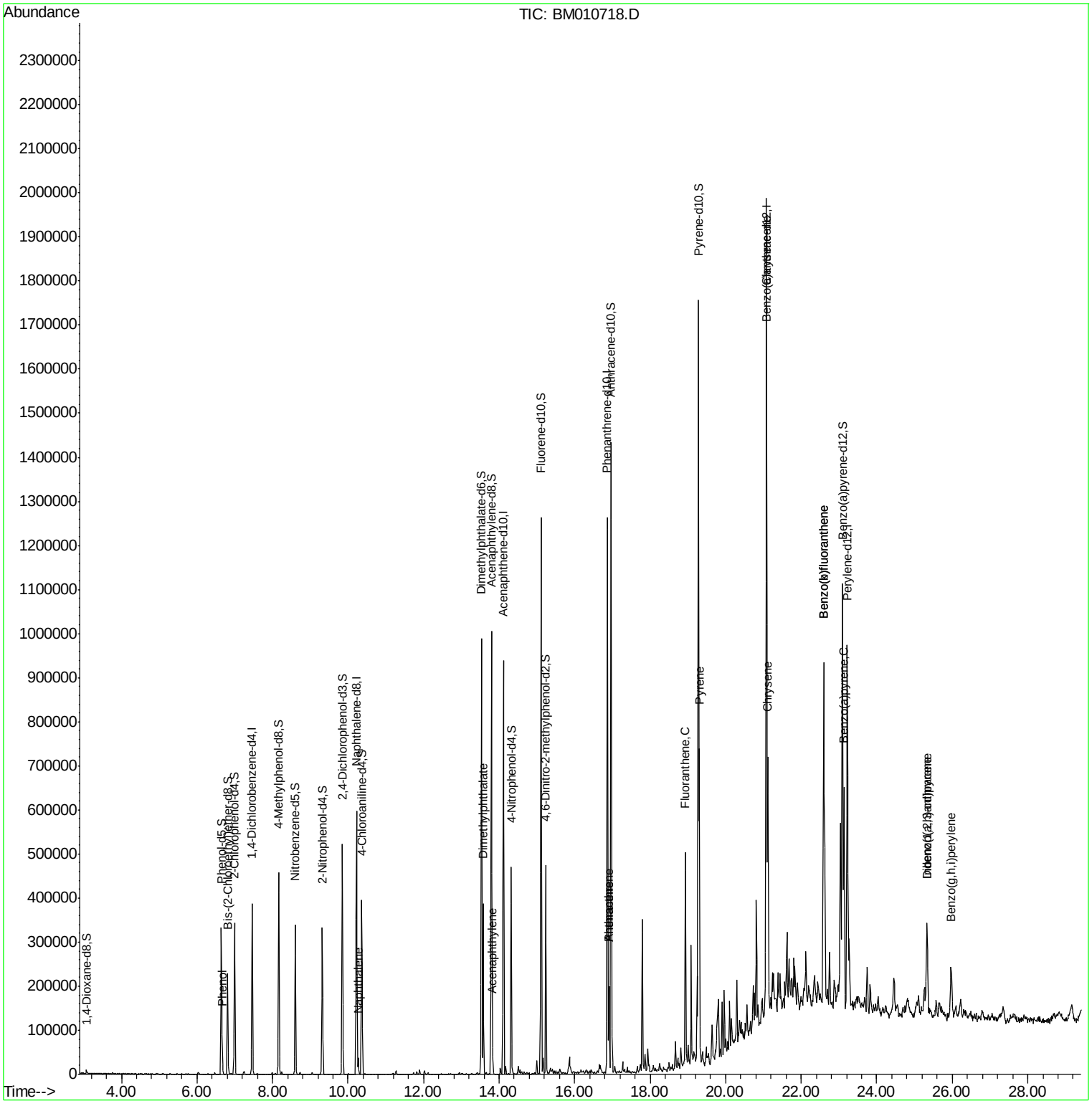
(#) = qualifier out of range (m) = manual integration (+) = signals summed

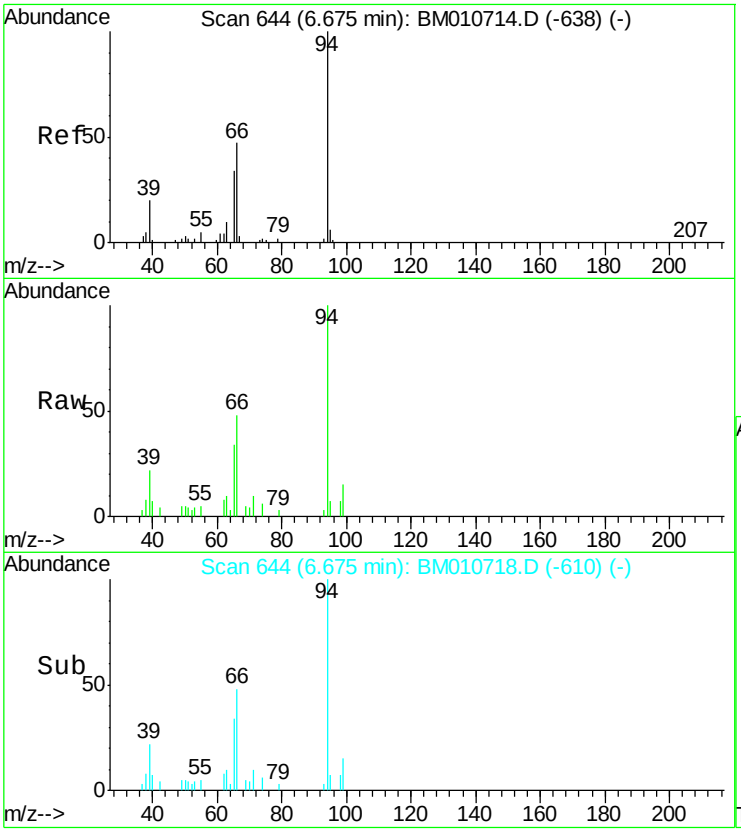
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010718.D
Acq On : 24 Jun 2017 08:02
Operator : SJ/JU
Sample : I3627-03
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5A09

Quant Time: Jun 26 01:50:56 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 01:49:13 2017
Response via : Initial Calibration



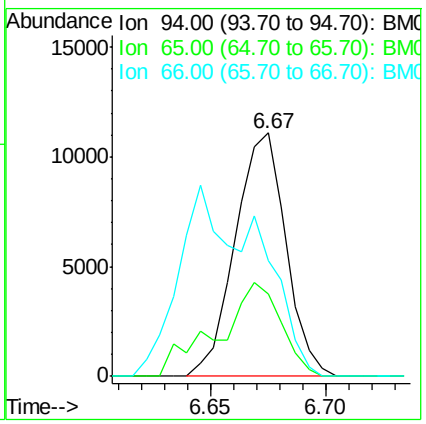


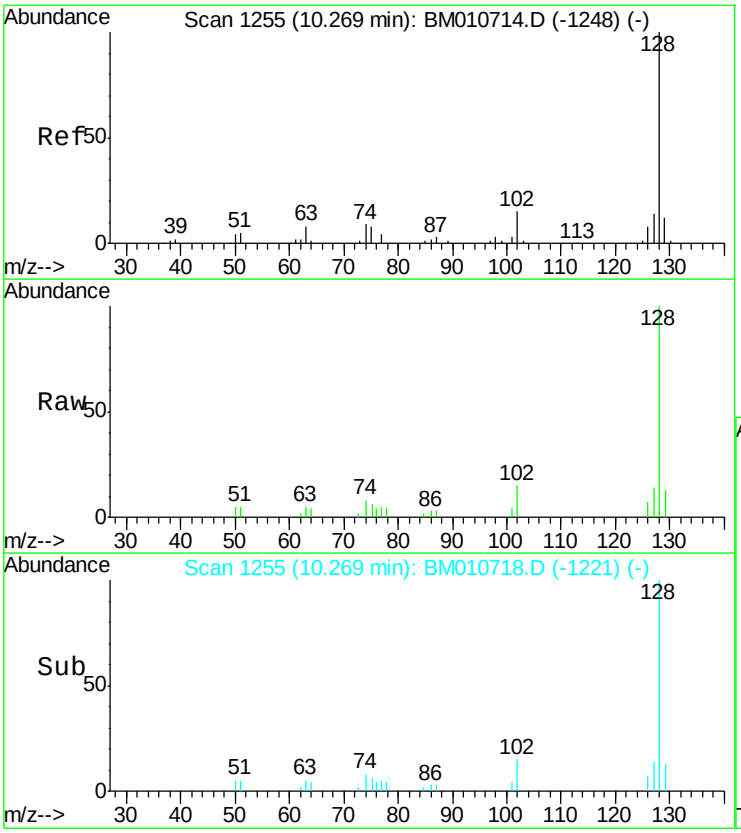
#6
Phenol
Concen: 1.91 ng/ul
RT: 6.67 min Scan# 644
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion: 94 Resp: 16972

Ion	Ratio	Lower	Upper
94	100		
65	33.9	28.2	42.4
66	47.6	47.2	70.8

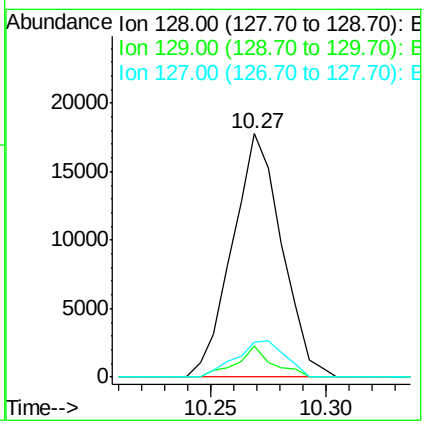


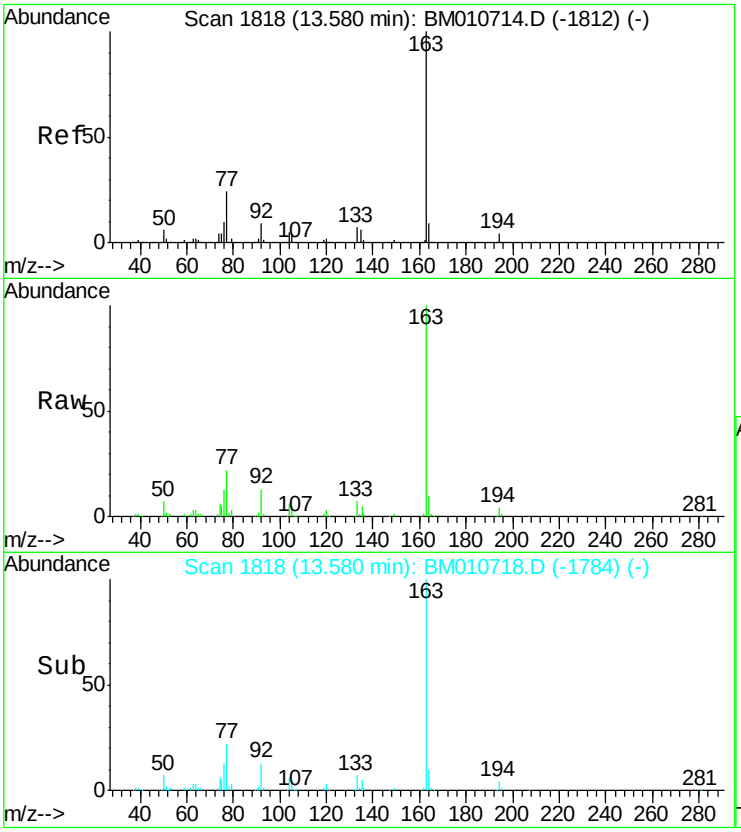


#28
Naphthalene
Concen: 1.25 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:128 Resp: 26498

Ion	Ratio	Lower	Upper
128	100		
129	12.9	8.8	13.2
127	14.3	10.6	16.0



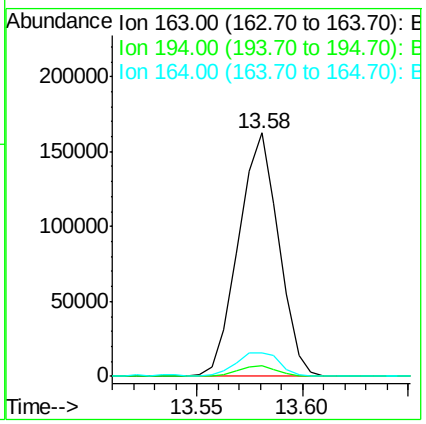


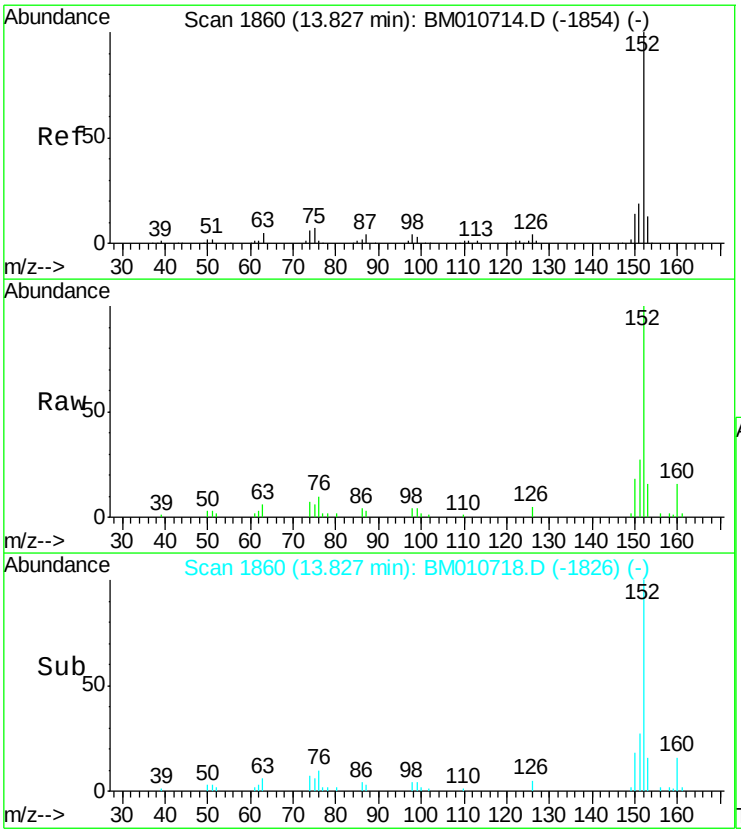
#44
Dimethylphthalate
Concen: 8.46 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:163 Resp: 214627

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.7	8.2	12.4

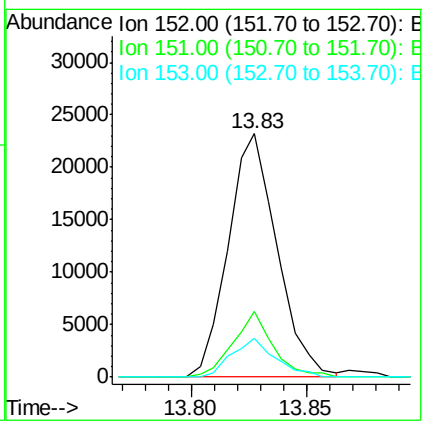


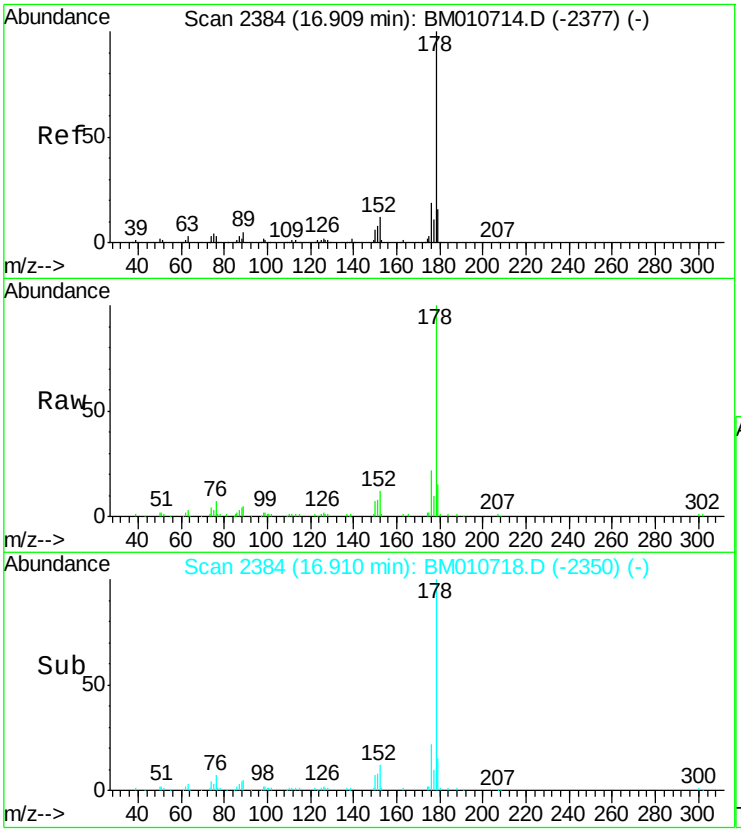


#47
Acenaphthylene
Concen: 1.19 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:152 Resp: 34111

Ion	Ratio	Lower	Upper
152	100		
151	27.0	16.3	24.5#
153	15.9	10.2	15.4#



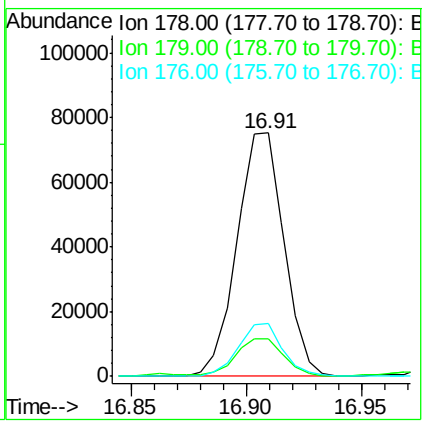


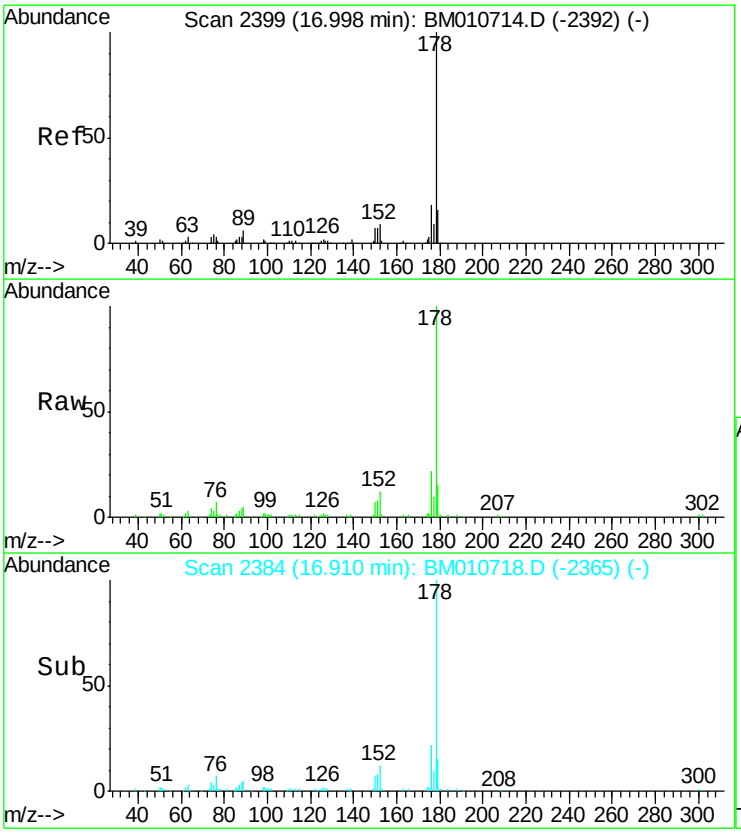
#69
Phenanthrene
Concen: 2.89 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:178 Resp: 106600

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	21.7	14.9	22.3

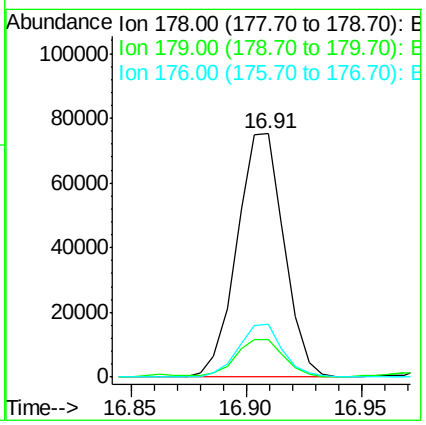


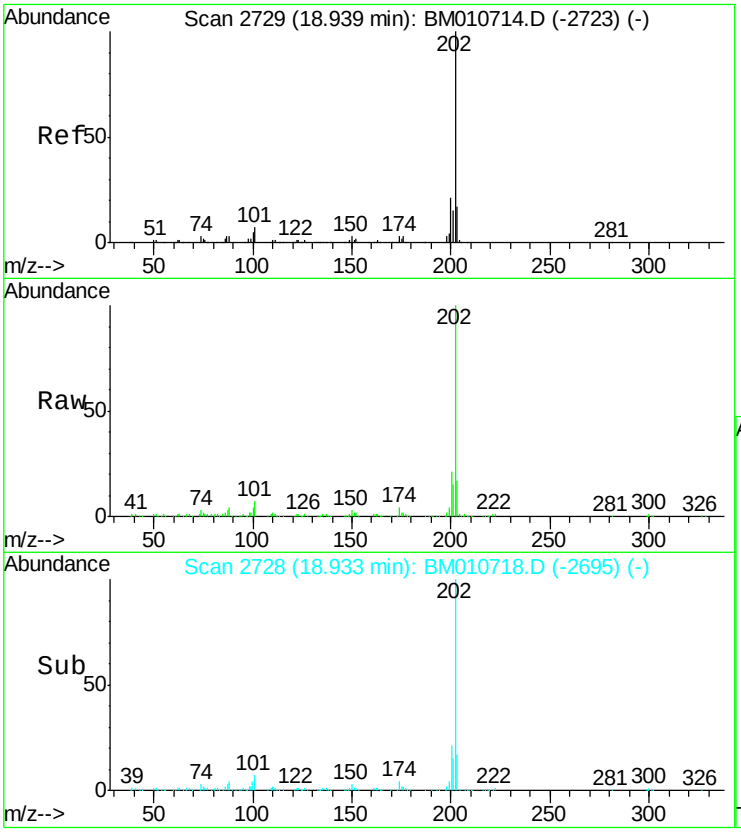


#71
Anthracene
Concen: 2.81 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. -0.09 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:178 Resp: 106600

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.7	17.5
176	21.7	14.6	21.8



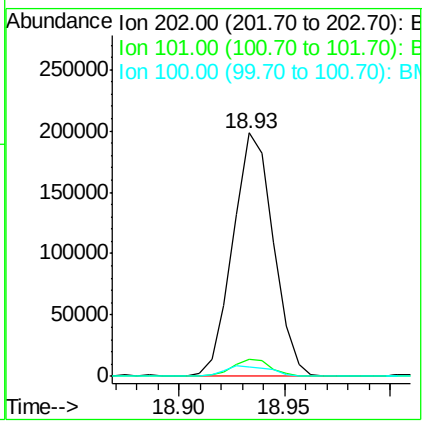


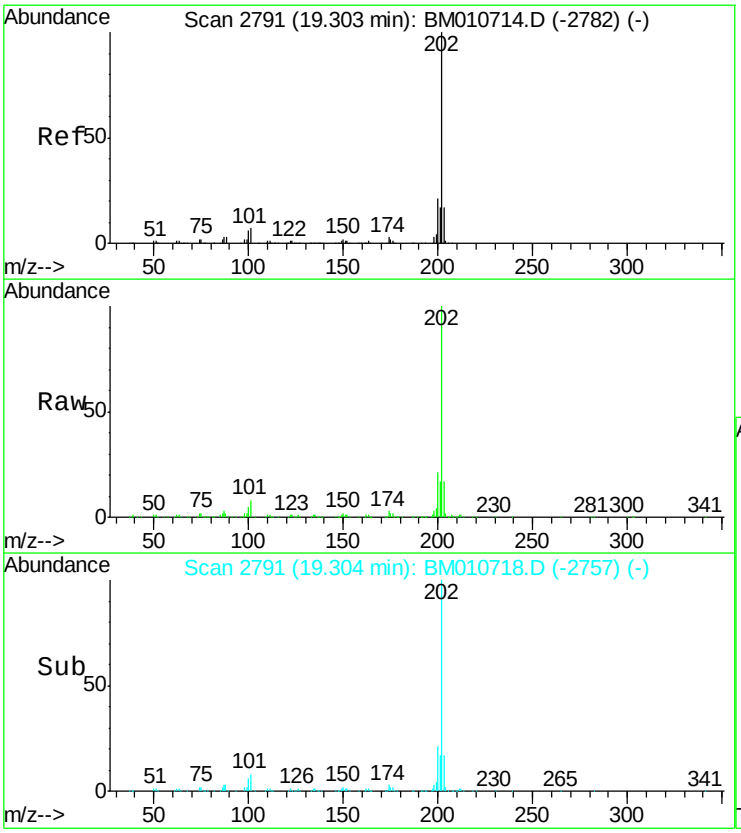
#74
Fluoranthene
Concen: 5.54 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:202 Resp: 263063

Ion	Ratio	Lower	Upper
202	100		
101	6.9	4.6	7.0
100	4.0	3.4	5.2

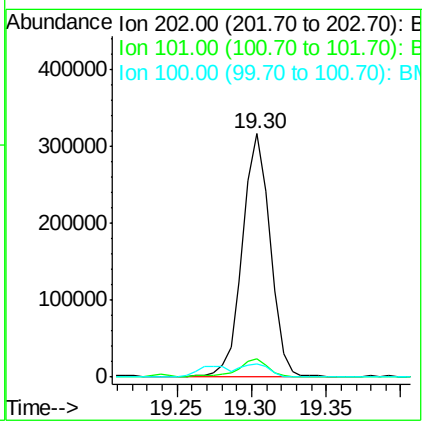


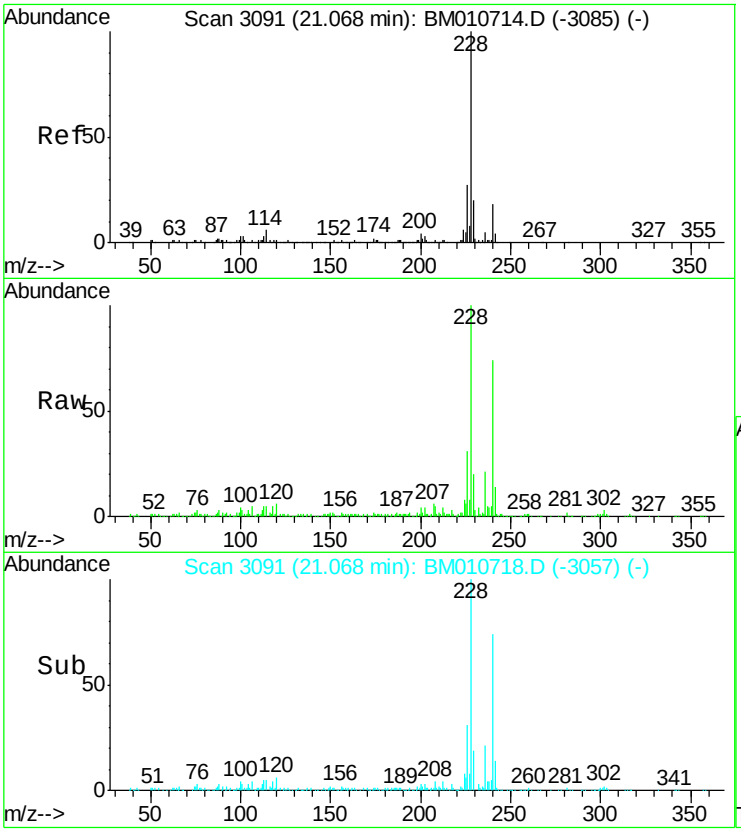


#77
Pyrene
Concen: 9.75 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:202 Resp: 409001

Ion	Ratio	Lower	Upper
202	100		
101	7.7	5.1	7.7#
100	5.5	4.9	7.3



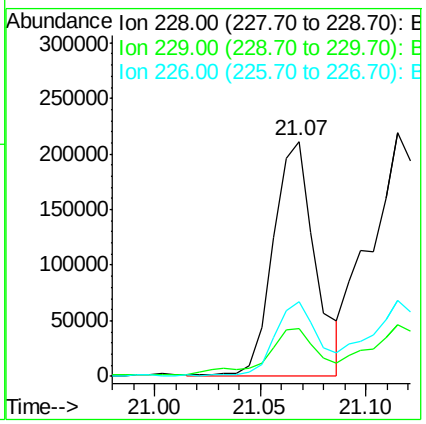


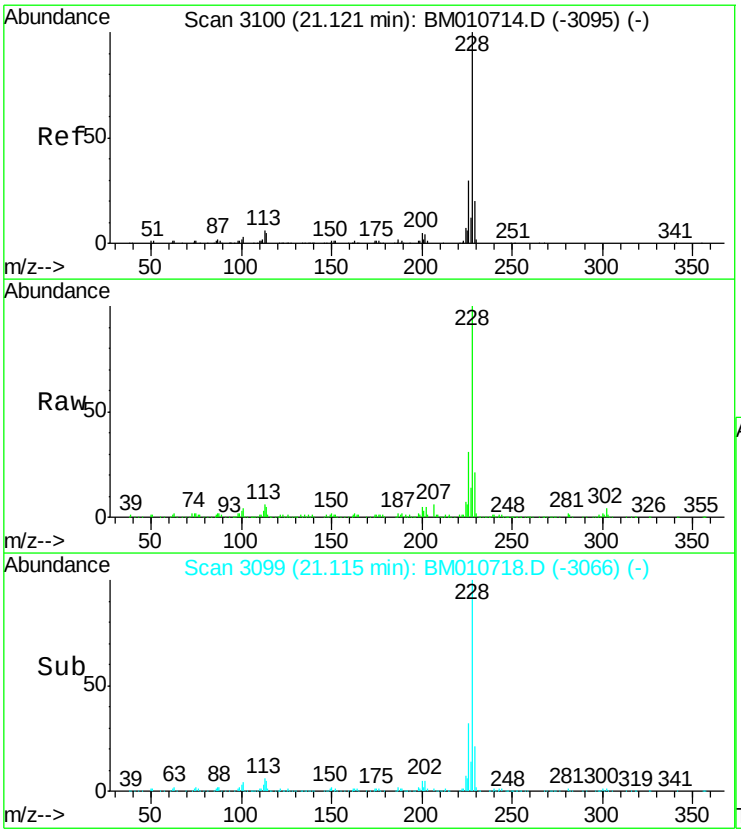
#80
Benzo(a)anthracene
Concen: 6.88 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:228 Resp: 291010

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	31.5	21.4	32.0

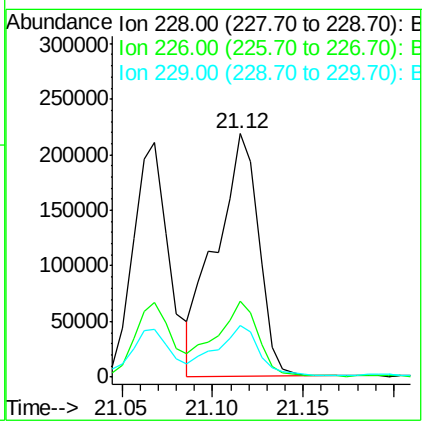


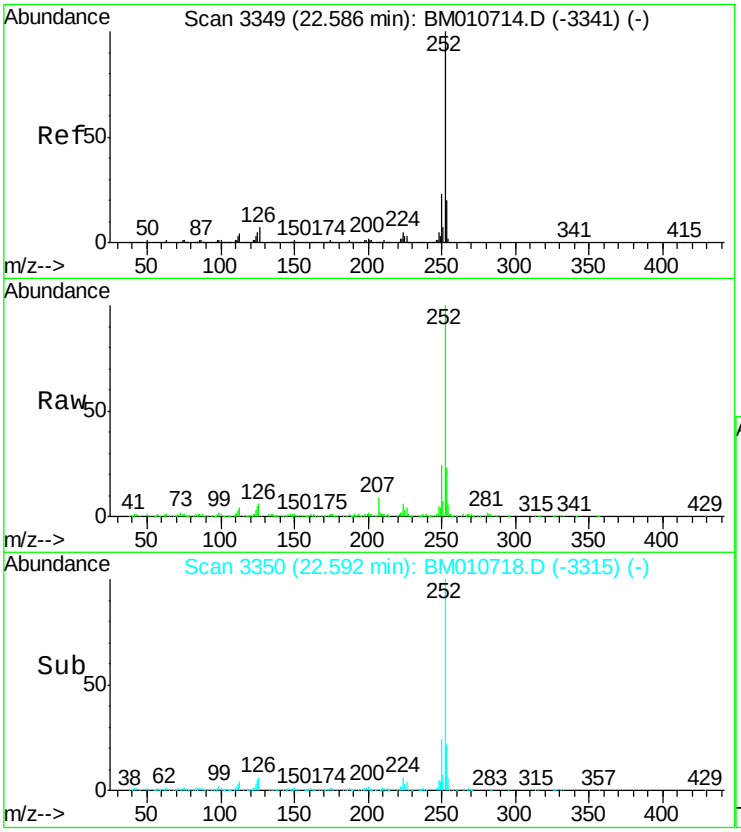


#82
Chrysene
Concen: 9.52 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:228 Resp: 359087

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	21.2	15.5	23.3



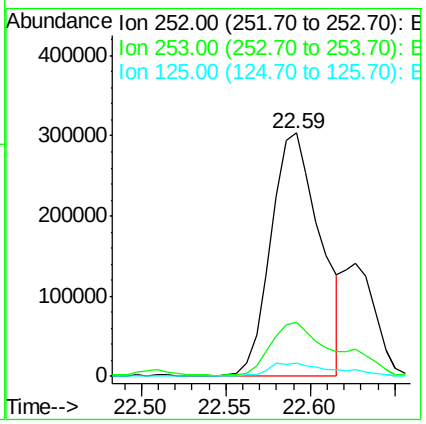


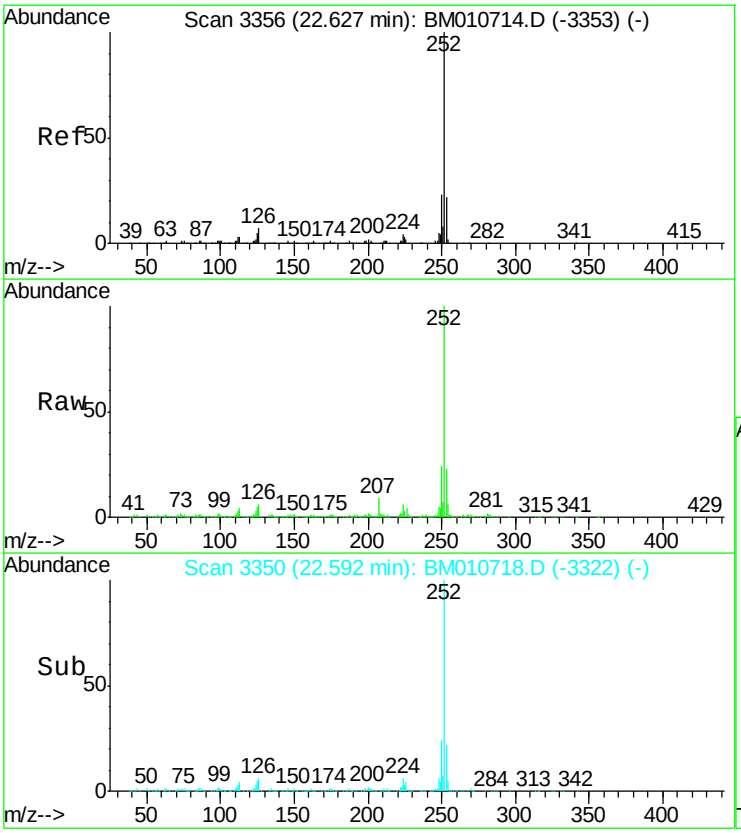
#85
Benzo(b)fluoranthene
Concen: 17.73 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. 0.01 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:252 Resp: 613837

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	5.2	3.6	5.4

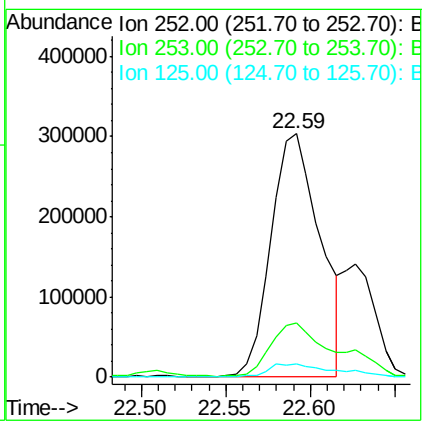


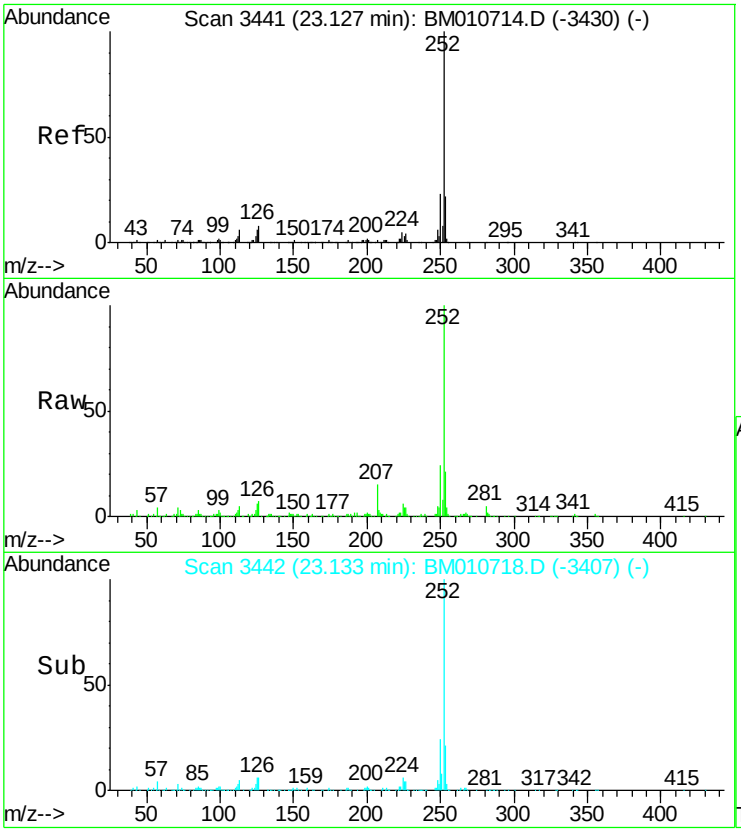


#86
Benzo(k)fluoranthene
Concen: 18.70 ng/ul
RT: 22.59 min Scan# 3350
Delta R.T. -0.04 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:252 Resp: 613837

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	5.2	3.4	5.2#



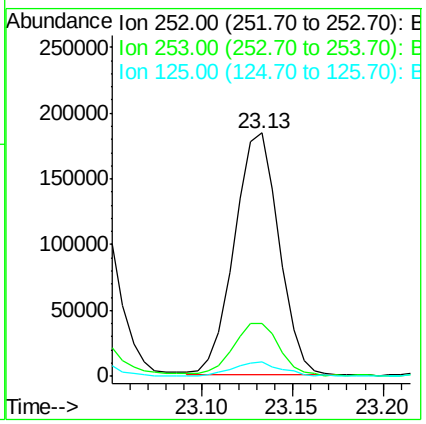


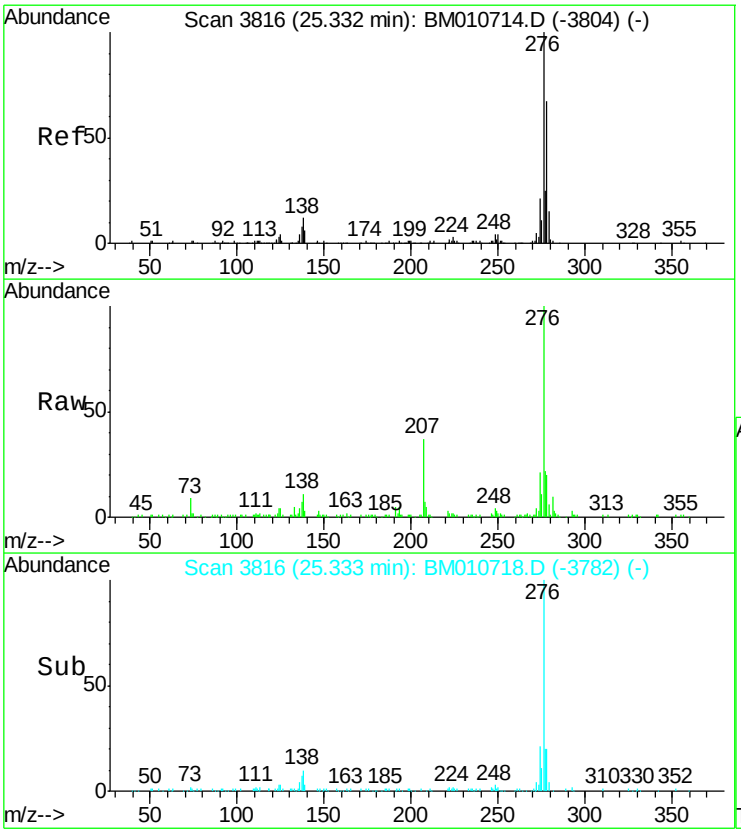
#88
Benzo(a)pyrene
Concen: 9.91 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:252 Resp: 315815

Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.2	27.2
125	6.0	4.0	6.0#

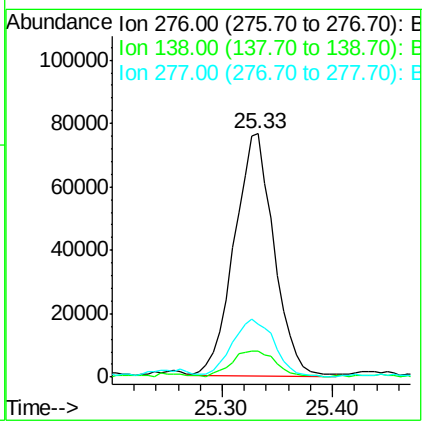


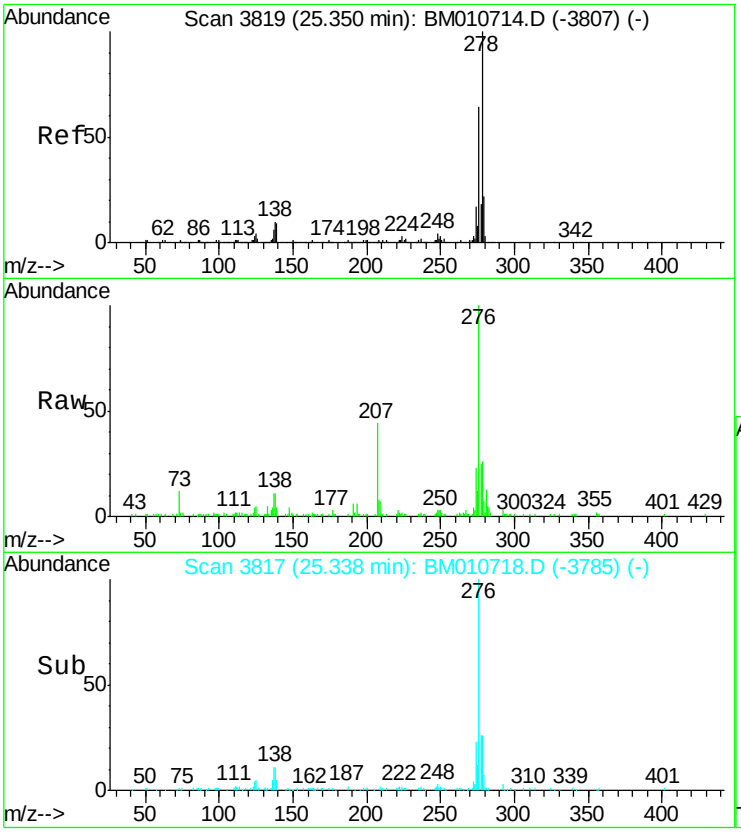


#89
Indeno(1,2,3-cd)pyrene
Concen: 5.81 ng/ul
RT: 25.33 min Scan# 3816
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:276 Resp: 191994

Ion	Ratio	Lower	Upper
276	100		
138	10.7	9.3	13.9
277	21.6	19.9	29.9



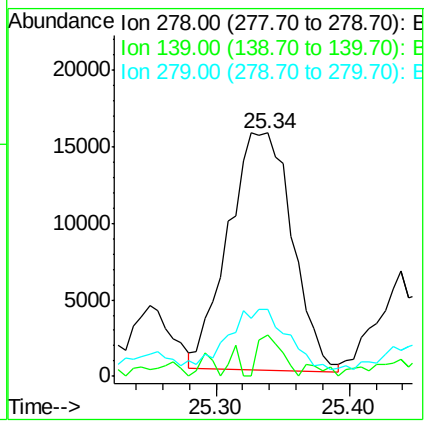


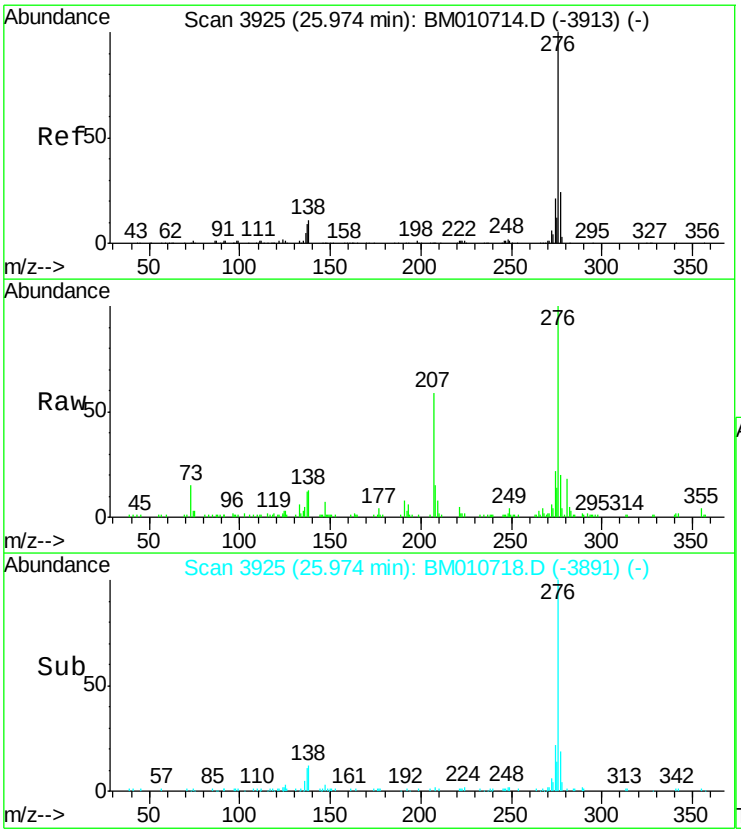
#90
Dibenzo(a,h)anthracene
Concen: 1.88 ng/ul
RT: 25.34 min Scan# 3817
Delta R.T. -0.01 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Instrument :
BNA_M
ClientSampleId :
F5A09

Tgt Ion:278 Resp: 51827

Ion	Ratio	Lower	Upper
278	100		
139	17.1	5.8	8.8#
279	27.5	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 5.04 ng/ul
RT: 25.97 min Scan# 3925
Delta R.T. 0.00 min
Lab File: BM010718.D
Acq: 24 Jun 2017 08:02

Tgt Ion:276 Resp: 132641

Ion	Ratio	Lower	Upper
276	100		
138	12.7	8.5	12.7
277	20.1	18.6	28.0