Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014771.D
Acq On : 20 Apr 2018 19:54
Operator : SJ/JU
Sample : J2434-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AC7

Quant Time: Apr 20 23:56:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 23:53:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	290964	20.00	ng/ul	0.00
18) Naphthalene-d8	11.39	136	1219141	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.15	164	642997	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.86	188	1342627	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1315933	20.00	ng/ul	0.00
83) Perylene-d12	24.44	264	1404493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.68	96	32359	4.86	ng/uL	0.00
5) Phenol-d5	7.66	99	555358	24.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.85	67	413259	28.65	ng/ul	0.00
9) 2-Chlorophenol-d4	8.06	132	505232	26.85	ng/ul	0.00
13) 4-Methylphenol-d8	9.24	113	383207	21.36	ng/ul	0.00
19) Nitrobenzene-d5	9.73	128	249947	28.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.46	143	249822	28.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.99	165	463350	25.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.51	131	565642	32.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.53	166	1400368	27.90	ng/ul	0.00
46) Acenaphthylene-d8	14.85	160	1830575	29.53	ng/ul	0.00
51) 4-Nitrophenol-d4	15.30	143	122115	13.11	ng/ul	0.00
57) Fluorene-d10	16.12	176	1201133	27.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.22	200	51046	7.03	ng/ul	0.00
70) Anthracene-d10	17.95	188	1750847	27.98	ng/ul	0.00
76) Pyrene-d10	20.19	212	1821701	29.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.29	264	1863392	27.00	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	7.69	94	125568	5.674	ng/ul#	80
44) Dimethylphthalate	14.58	163	349512	7.203	ng/ul	99
49) Acenaphthene	15.20	153	65118	1.526	ng/ul	97
69) Phenanthrene	17.90	178	805617	11.173	ng/ul	99
71) Anthracene	17.99	178	183759	2.511	ng/ul	98
72) Carbazole	18.24	167	165768	2.655	ng/ul	97
74) Fluoranthene	19.86	202	3763263	47.871	ng/ul#	82
77) Pyrene	20.22	202	4072965	52.973	ng/ul#	82
80) Benzo(a)anthracene	21.93	228	3472009	45.118	ng/ul	98
82) Chrysene	21.98	228	3749022	52.041	ng/ul	96
85) Benzo(b)fluoranthene	23.69	252	7422834	89.654	ng/ul#	95
86) Benzo(k)fluoranthene	23.69	252	7422834	93.234	ng/ul#	93
88) Benzo(a)pyrene	24.34	252	5699583	72.572	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	27.04	276	4273025	44.975	ng/ul#	91
90) Dibenzo(a,h)anthracene	27.04	278	1107863	13.849	ng/ul#	93
91) Benzo(g,h,i)perylene	27.85	276	4359318	55.772	ng/ul#	89

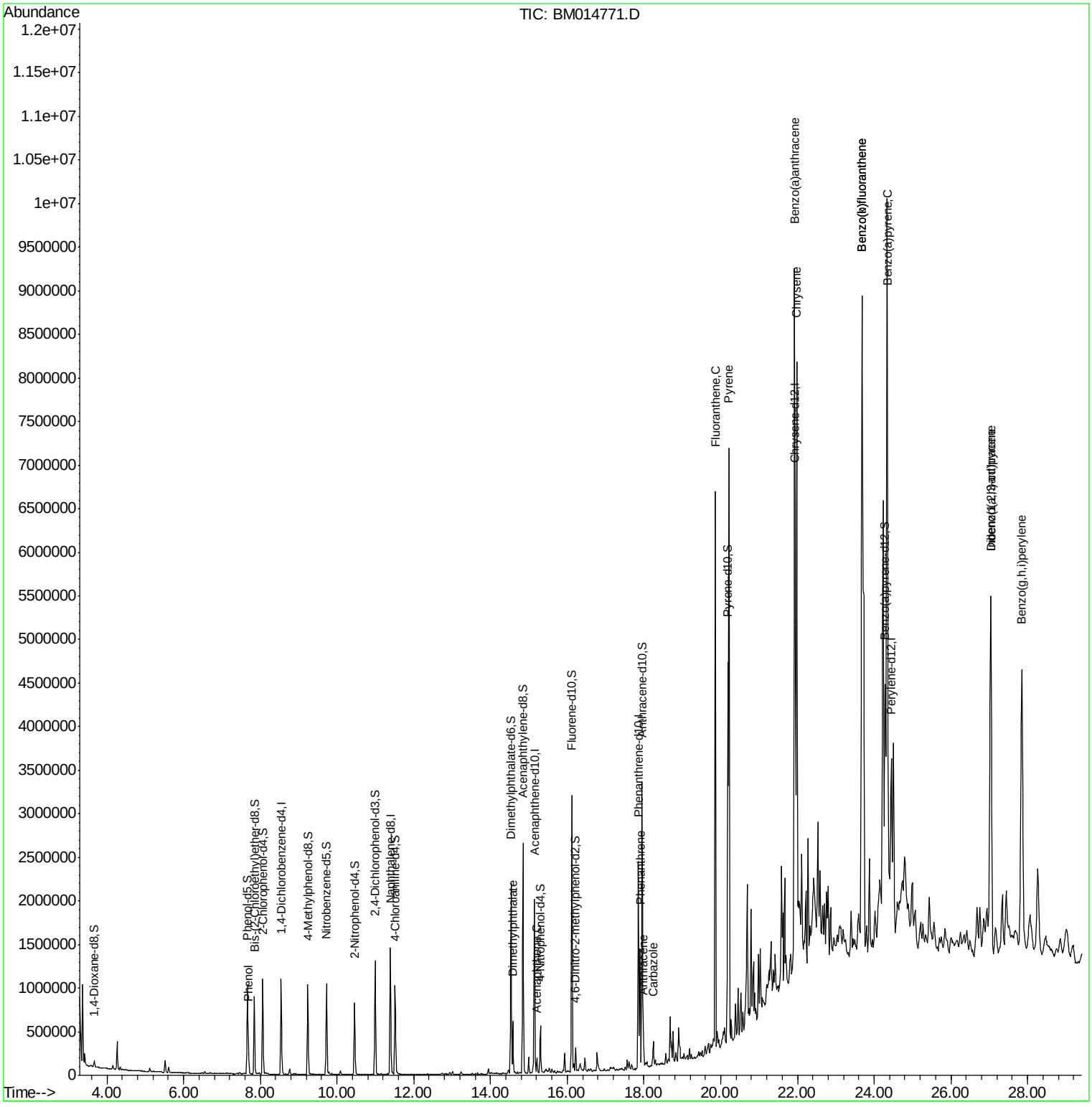
(#) = qualifier out of range (m) = manual integration (+) = signals summed

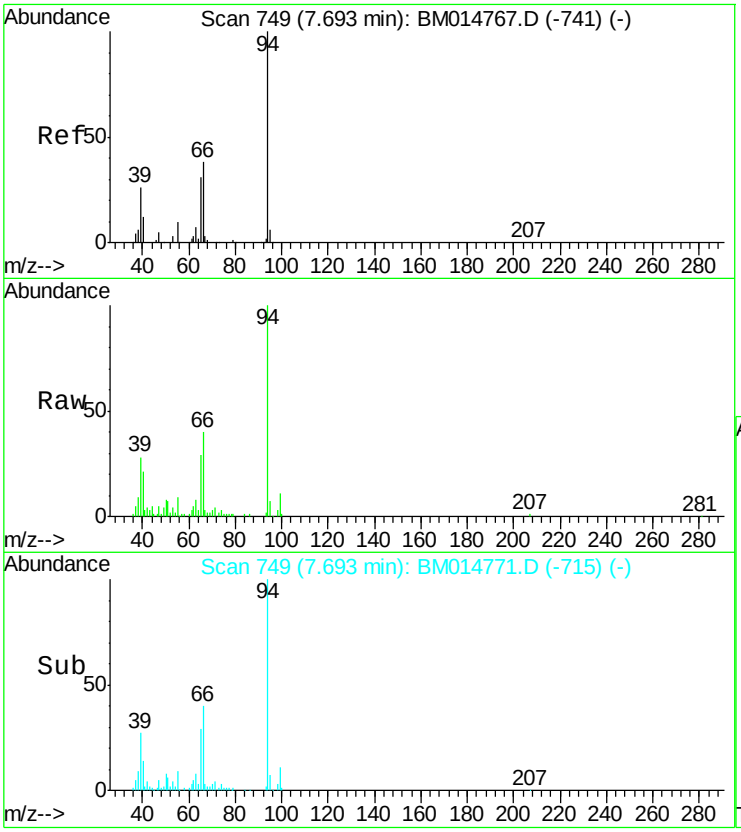
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042018\
Data File : BM014771.D
Acq On : 20 Apr 2018 19:54
Operator : SJ/JU
Sample : J2434-12
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AC7

Quant Time: Apr 20 23:56:24 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 20 23:53:34 2018
Response via : Initial Calibration



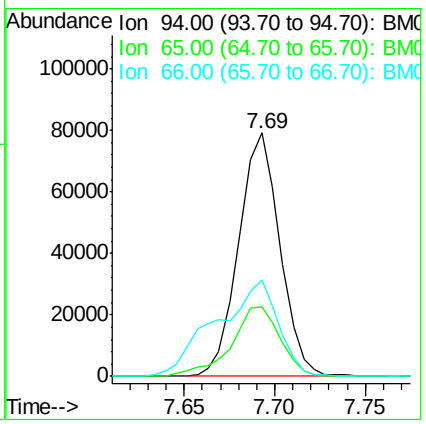


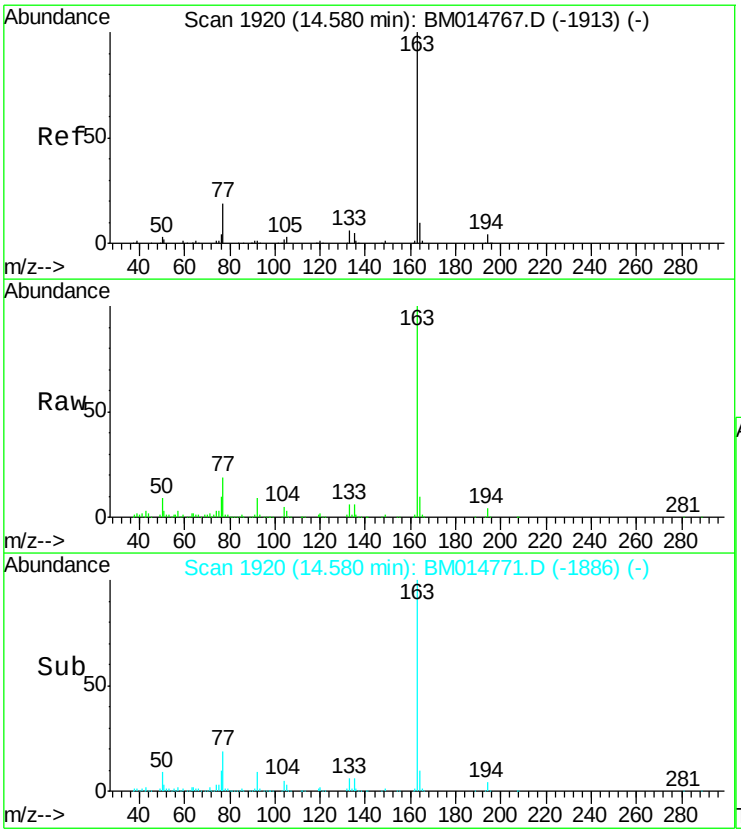
#6
Phenol
Concen: 5.674 ng/ul
RT: 7.69 min Scan# 749
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion: 94 Resp: 125568

Ion	Ratio	Lower	Upper
94	100		
65	28.7	28.2	42.4
66	39.7	47.2	70.8#

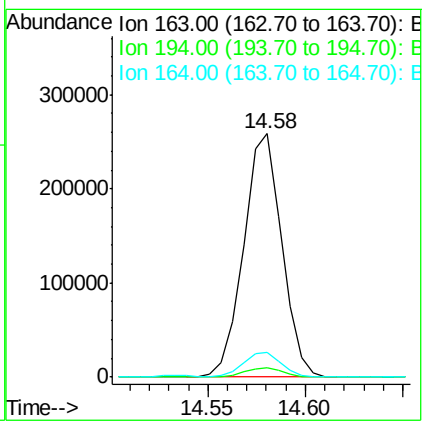


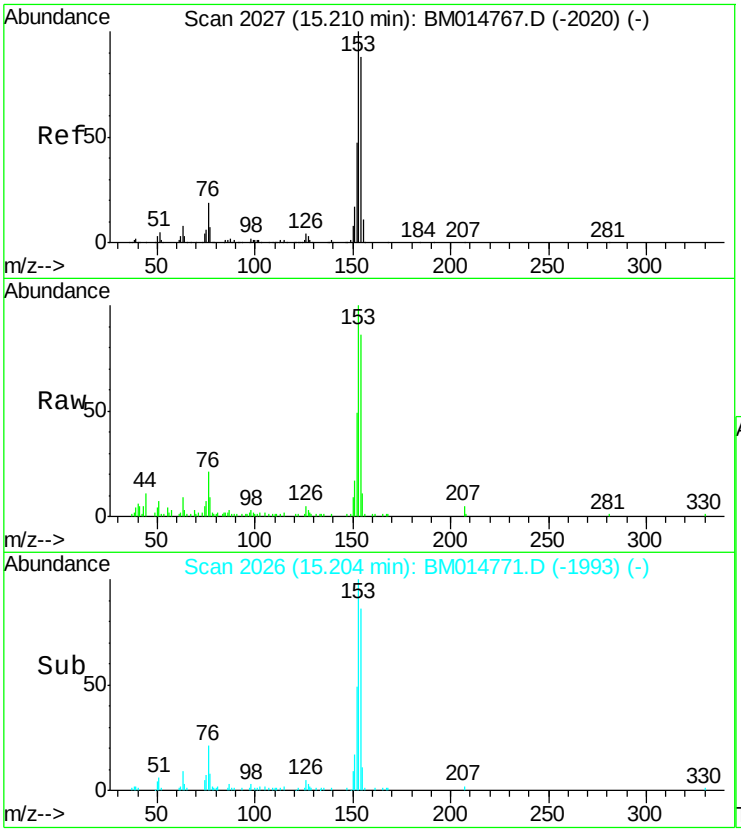


#44
Dimethylphthalate
Concen: 7.203 ng/ul
RT: 14.58 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:163 Resp: 349512

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	10.1	8.2	12.4



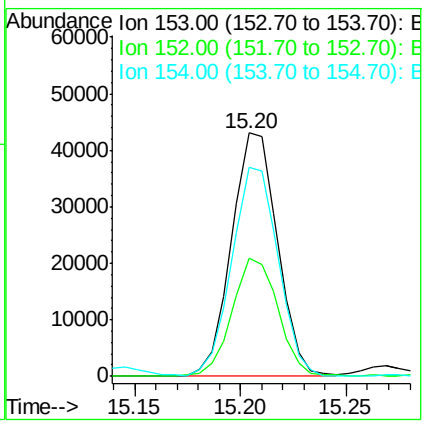


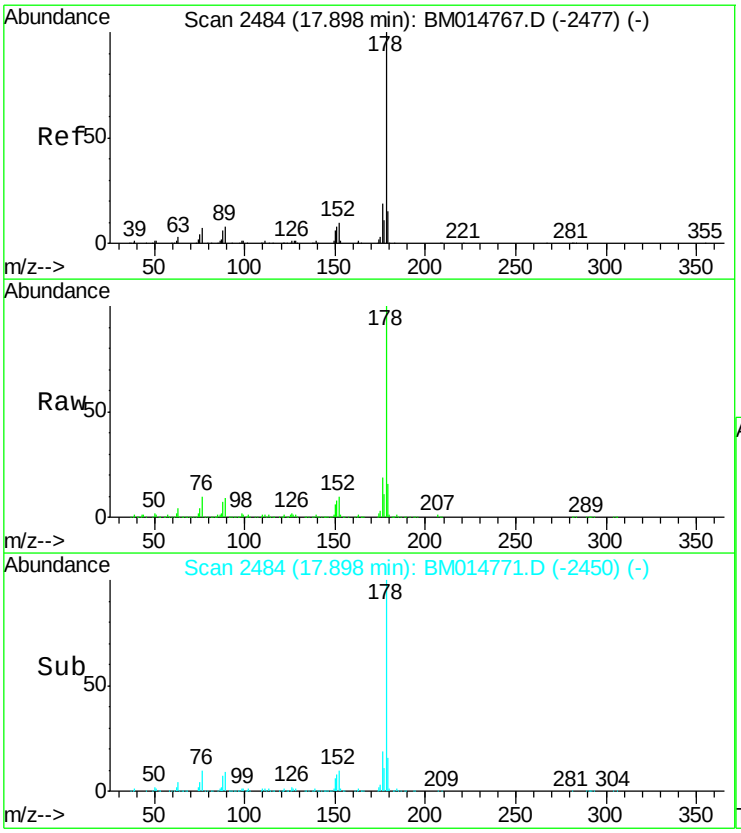
#49
Acenaphthene
Concen: 1.526 ng/ul
RT: 15.20 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:153 Resp: 65118

Ion	Ratio	Lower	Upper
153	100		
152	48.8	37.6	56.4
154	85.6	70.4	105.6

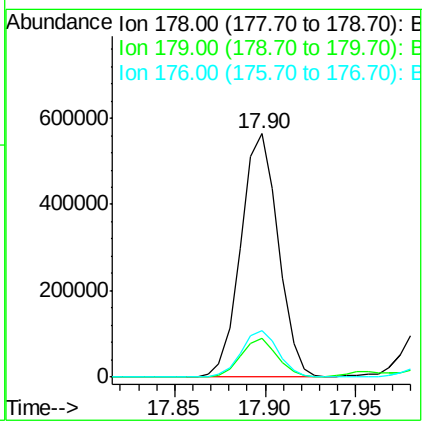


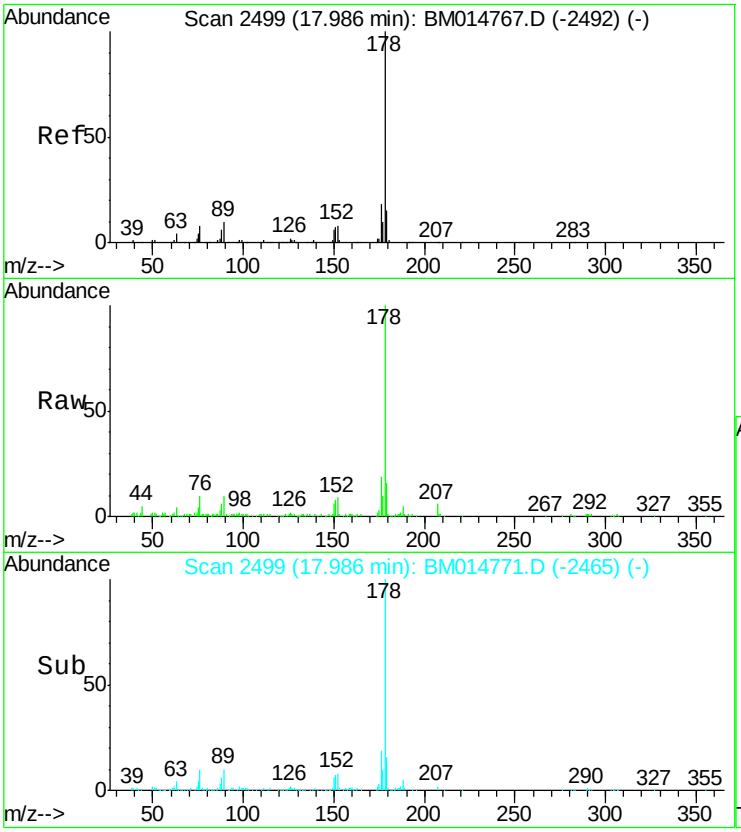


#69
Phenanthrene
Concen: 11.173 ng/ul
RT: 17.90 min Scan# 2484
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:178 Resp: 805617

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.1	14.9	22.3



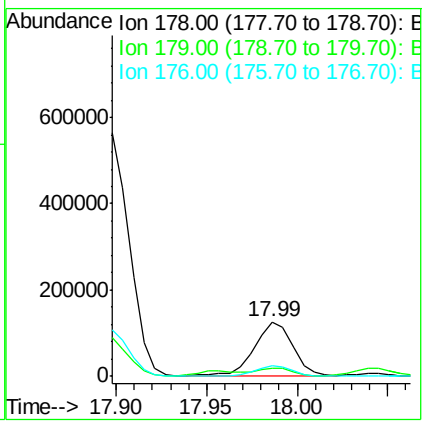


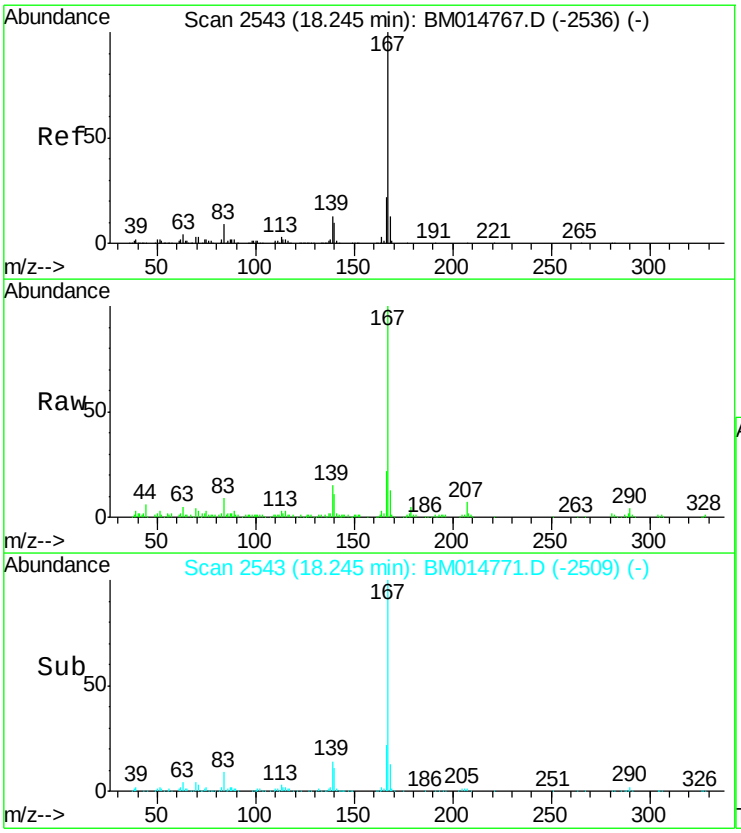
#71
Anthracene
Concen: 2.511 ng/ul
RT: 17.99 min Scan# 2499
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:178 Resp: 183759

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.9	14.6	21.8

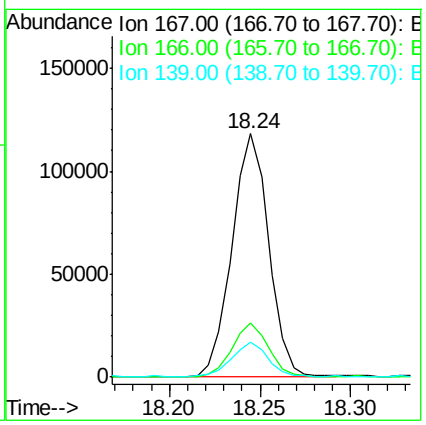


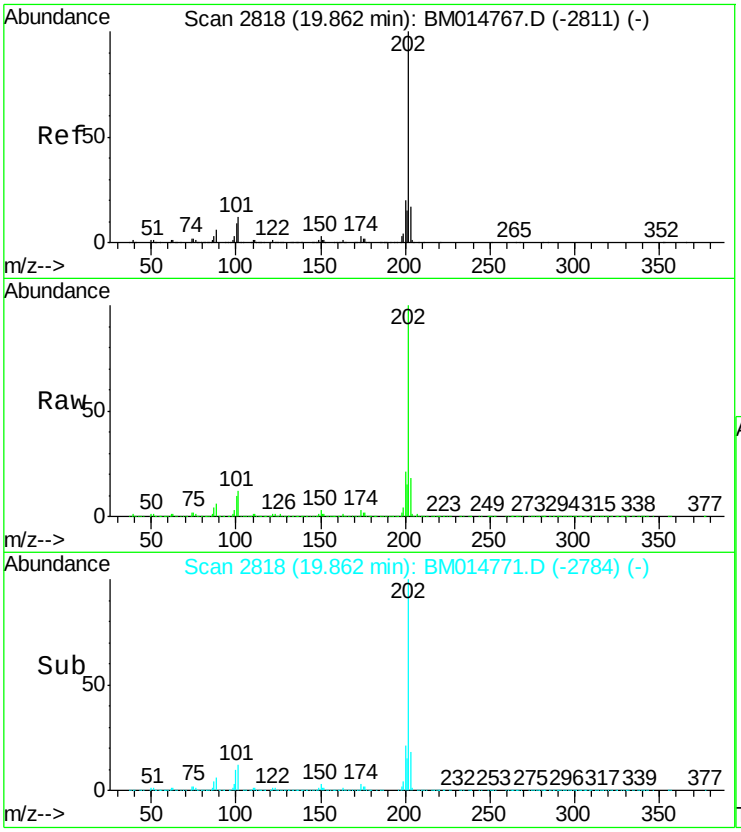


#72
Carbazole
Concen: 2.655 ng/ul
RT: 18.24 min Scan# 2543
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:167 Resp: 165768

Ion	Ratio	Lower	Upper
167	100		
166	22.2	17.1	25.7
139	14.5	10.0	15.0



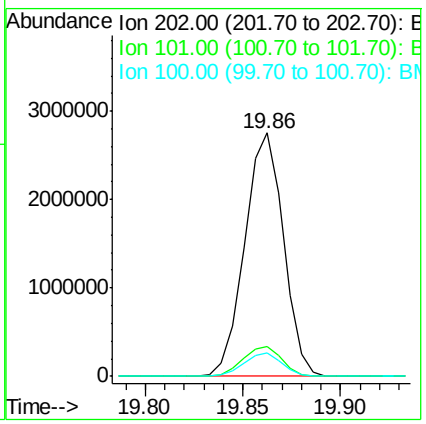


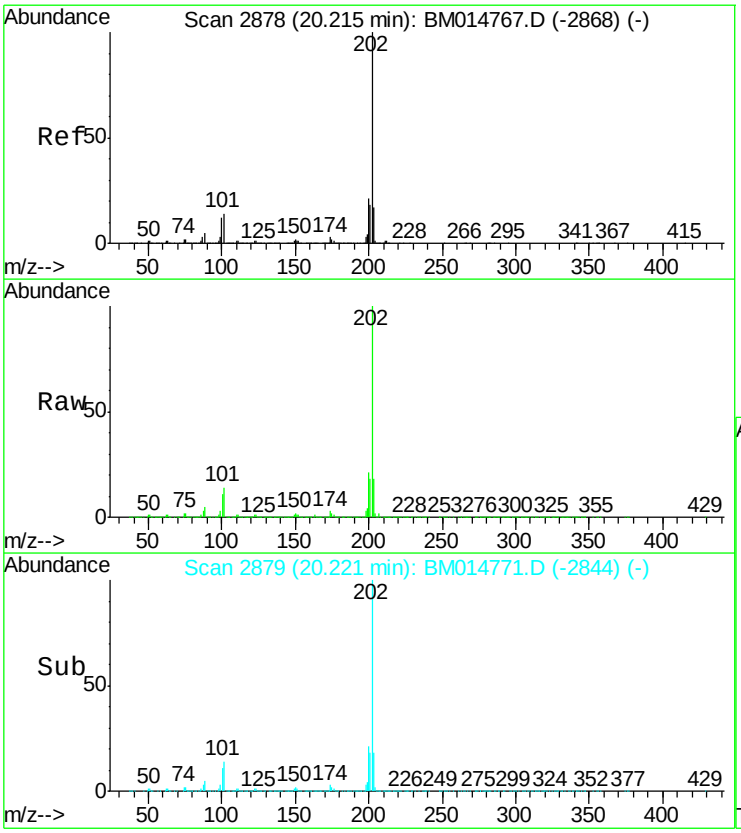
#74
Fluoranthene
Concen: 47.871 ng/ul
RT: 19.86 min Scan# 2818
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:202 Resp: 3763263

Ion	Ratio	Lower	Upper
202	100		
101	12.3	4.6	7.0#
100	9.6	3.4	5.2#

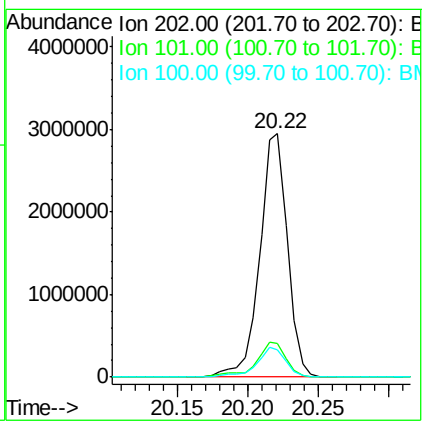


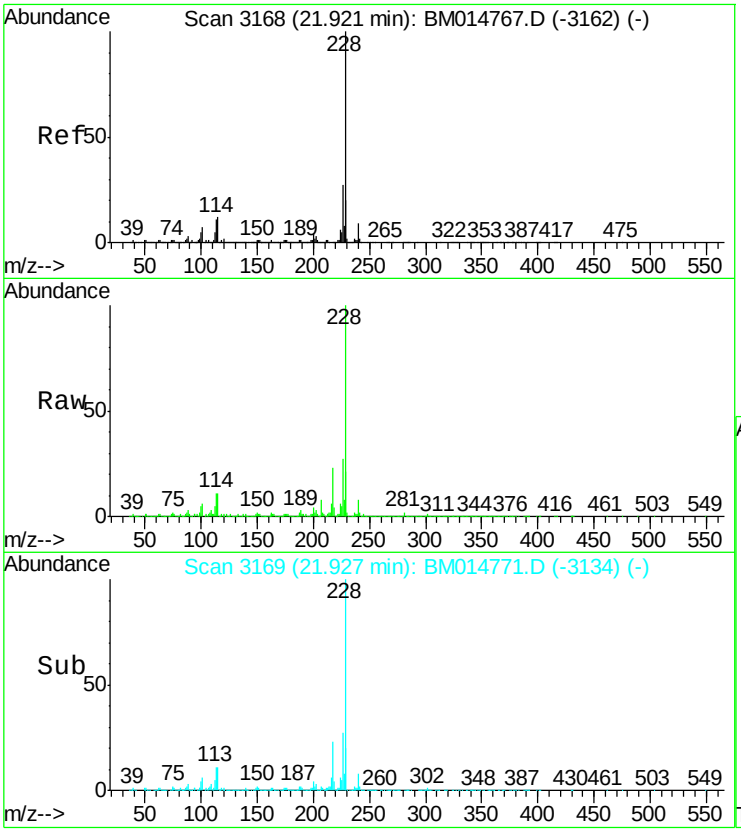


#77
Pyrene
Concen: 52.973 ng/ul
RT: 20.22 min Scan# 2879
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:202 Resp: 4072965

Ion	Ratio	Lower	Upper
202	100		
101	13.8	5.1	7.7#
100	11.2	4.9	7.3#



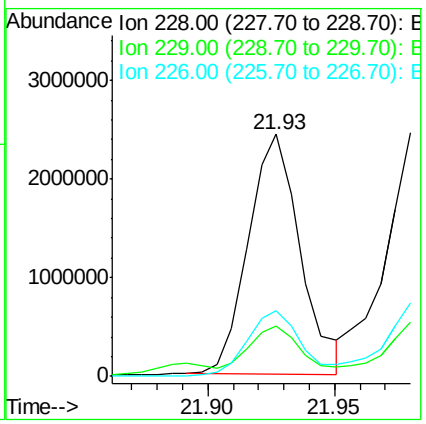


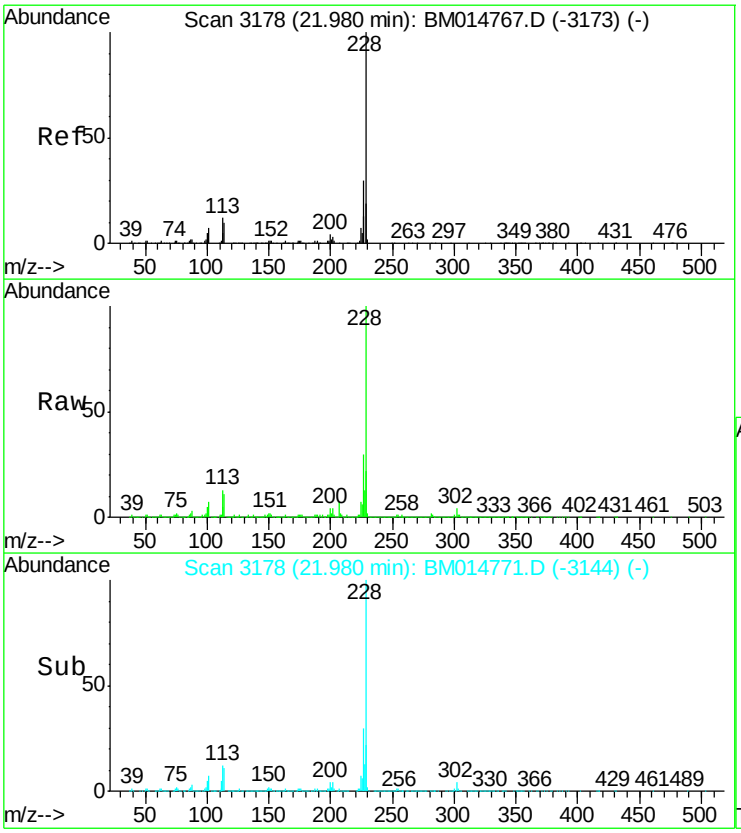
#80
Benzo(a)anthracene
Concen: 45.118 ng/ul
RT: 21.93 min Scan# 3169
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:228 Resp: 3472009

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	27.3	21.4	32.0

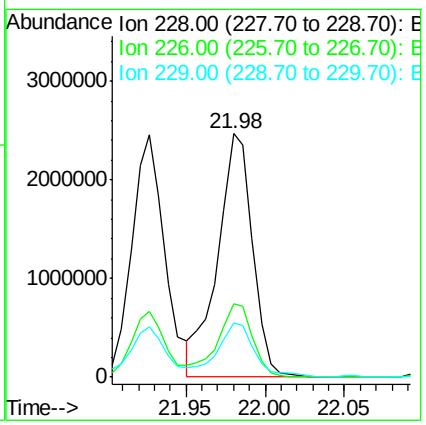


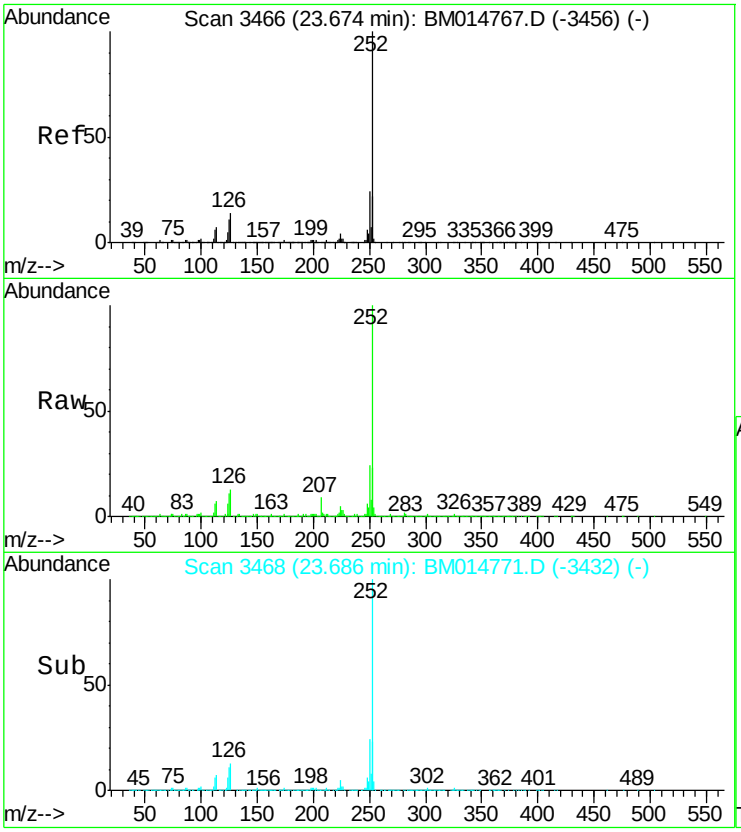


#82
Chrysene
Concen: 52.041 ng/ul
RT: 21.98 min Scan# 3178
Delta R.T. 0.00 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:228 Resp: 3749022

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	22.4	15.5	23.3



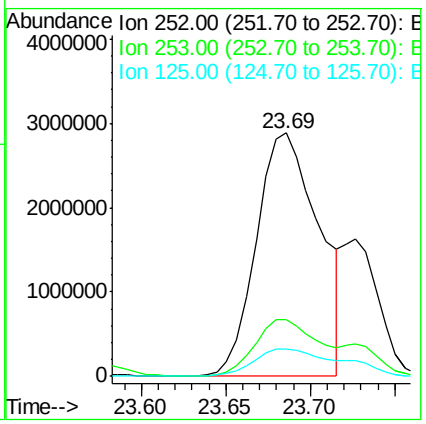


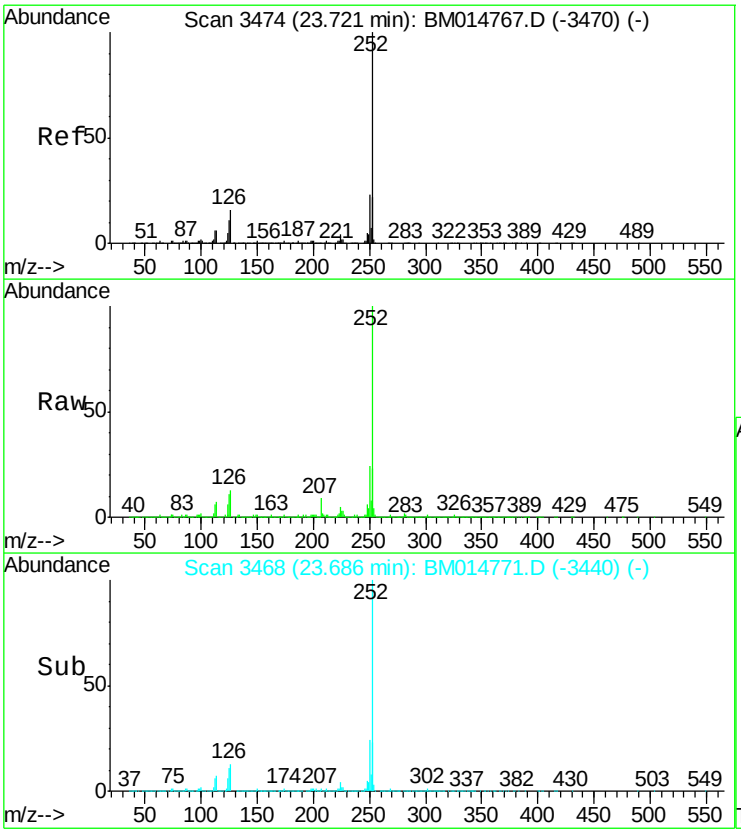
#85
Benzo(b)fluoranthene
Concen: 89.654 ng/ul
RT: 23.69 min Scan# 3468
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:252 Resp: 7422834

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.3	3.6	5.4#

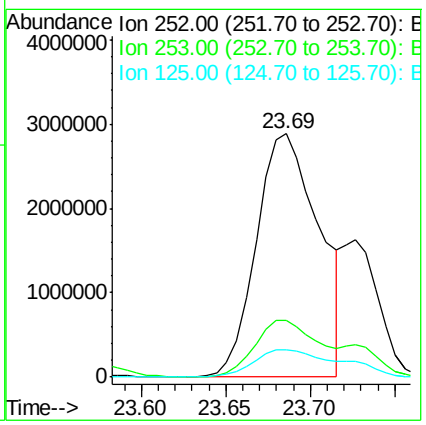


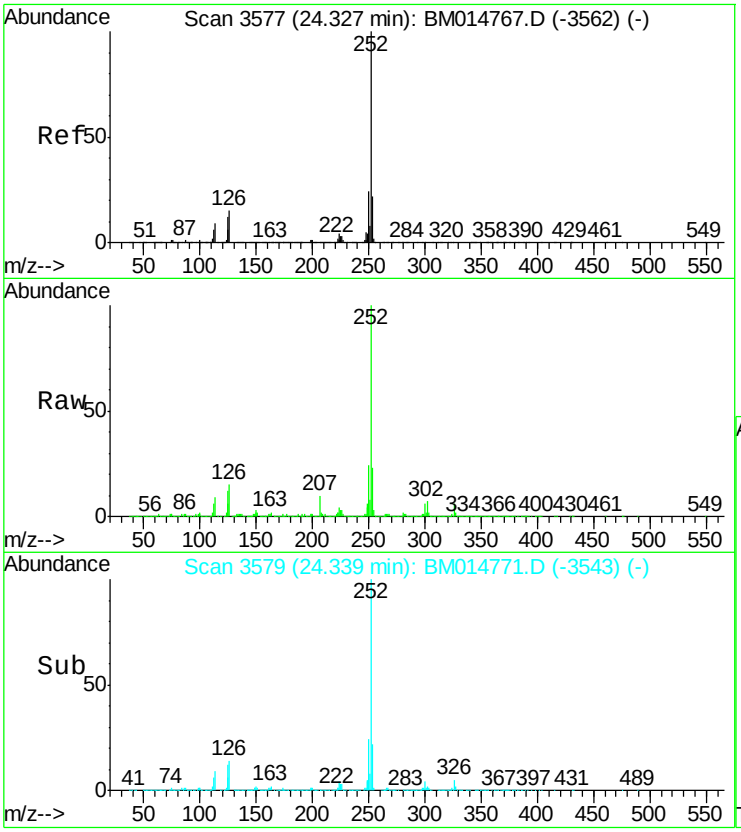


#86
Benzo(k)fluoranthene
Concen: 93.234 ng/ul
RT: 23.69 min Scan# 3468
Delta R.T. -0.04 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:252 Resp: 7422834

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	11.3	3.4	5.2#



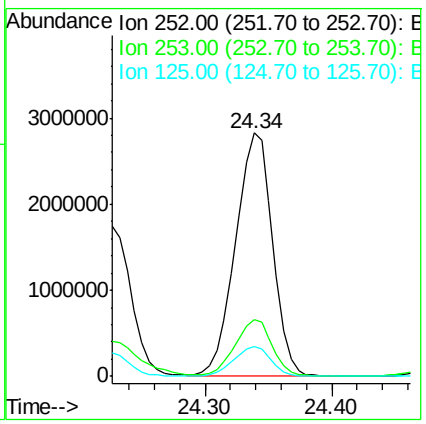


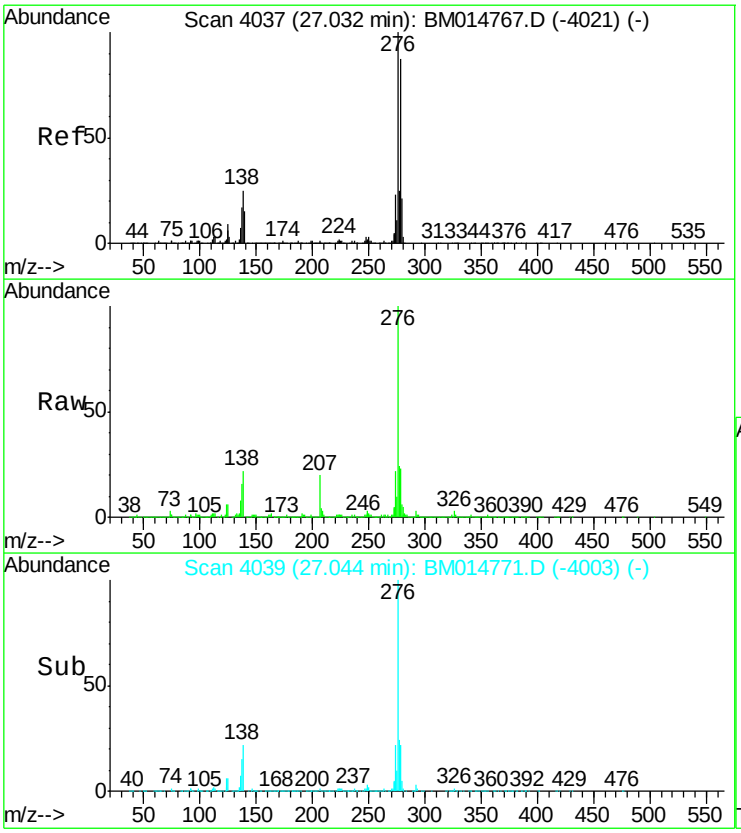
#88
Benzo(a)pyrene
Concen: 72.572 ng/ul
RT: 24.34 min Scan# 3579
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:252 Resp: 5699583

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.2	27.2
125	12.0	4.0	6.0#

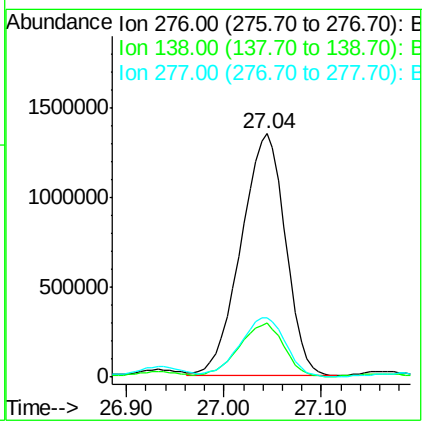


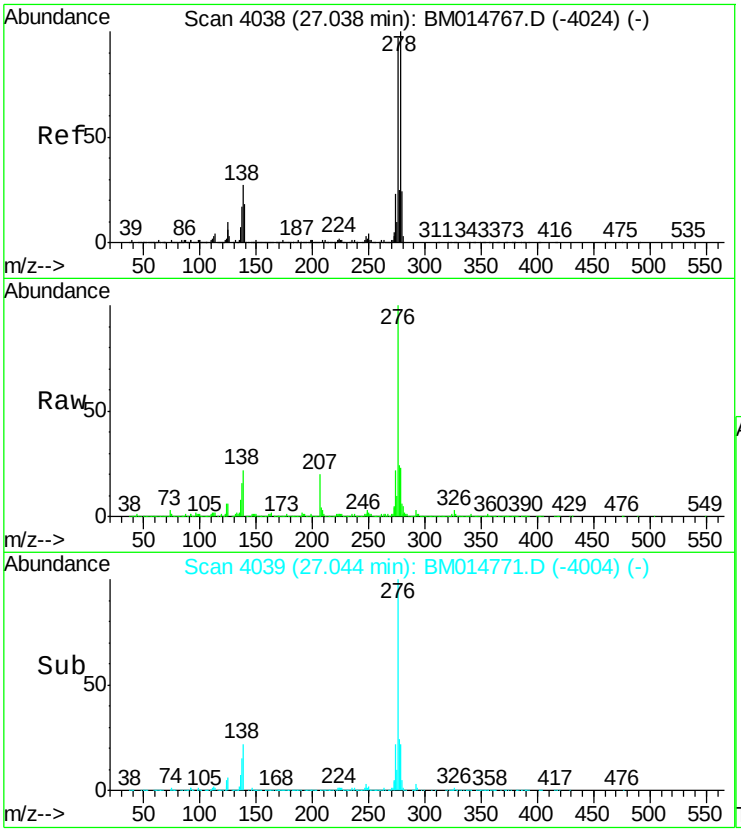


#89
Indeno(1,2,3-cd)pyrene
Concen: 44.975 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:276 Resp: 4273025

Ion	Ratio	Lower	Upper
276	100		
138	22.1	9.3	13.9#
277	24.4	19.9	29.9



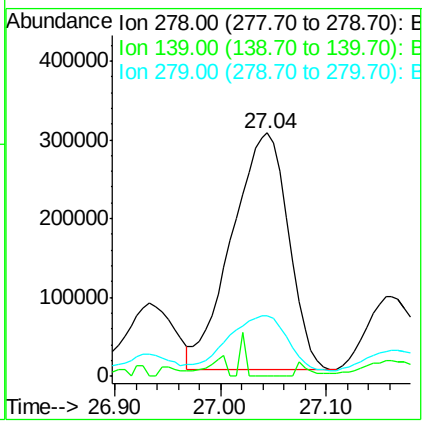


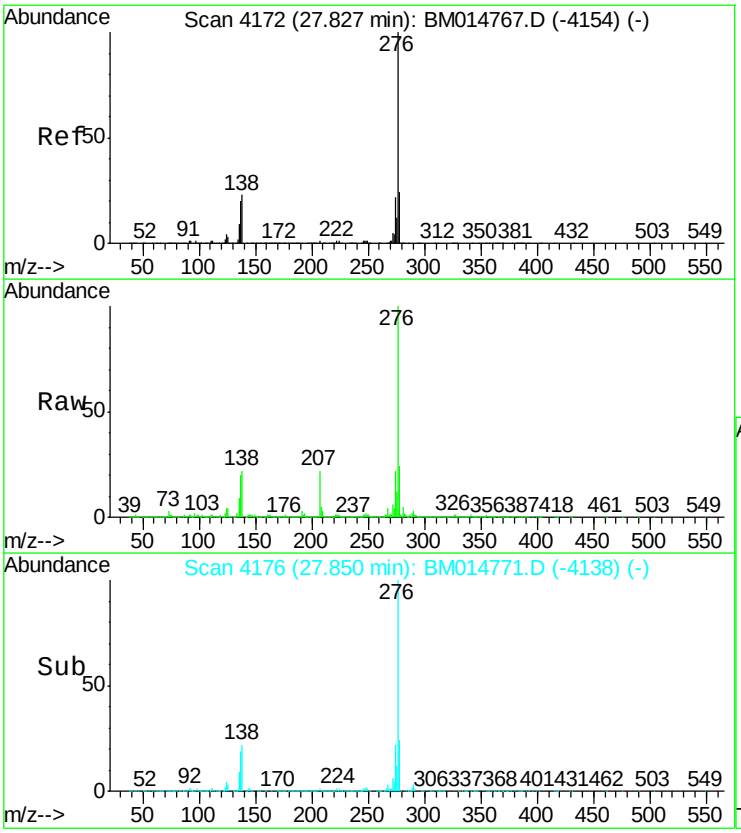
#90
Dibenzo(a,h)anthracene
Concen: 13.849 ng/ul
RT: 27.04 min Scan# 4039
Delta R.T. 0.01 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Instrument :
BNA_M
ClientSampleId :
C0AC7

Tgt Ion:278 Resp: 1107863

Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	24.8	18.6	27.8





#91
Benzo(g,h,i)perylene
Concen: 55.772 ng/ul
RT: 27.85 min Scan# 4176
Delta R.T. 0.02 min
Lab File: BM014771.D
Acq: 20 Apr 2018 19:54

Tgt Ion:276 Resp: 4359318

Ion	Ratio	Lower	Upper
276	100		
138	22.5	8.5	12.7#
277	24.2	18.6	28.0