Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

Quantitation Report (Not Reviewed)

Data File : BM023226.D
Acq On : 17 Oct 2019 19:06
Operator : JU
Sample : K5236-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPN0

Quant Time: Oct 18 06:55:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	386590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1553274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956170	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1926618	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1965152	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2473839	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	20876	2.38	ng/uL	0.00
5) Phenol-d5	6.84	99	432405	12.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	245822	12.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	360090	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	340337	12.58	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	170850	16.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	182963	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	365925	14.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	401405	12.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1095617	14.95	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1279777	14.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	129820	10.94	ng/ul	0.00
58) Fluorene-d10	15.30	176	975159	15.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	91360	11.96	ng/ul	0.00
71) Anthracene-d10	17.16	188	1515010	16.31	ng/ul	0.00
79) Pyrene-d10	19.45	212	1639818	17.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2067205	16.48	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	79359	2.286	ng/ul	99
45) Dimethylphthalate	13.77	163	438894	5.984	ng/ul	100
48) Acenaphthylene	14.03	152	200801	2.285	ng/ul	99
59) Fluorene	15.36	166	144122	2.022	ng/ul	98
70) Phenanthrene	17.10	178	2381990	22.030	ng/ul	99
72) Anthracene	17.19	178	510963	4.573	ng/ul	99
75) Carbazole	17.46	167	190302	1.907	ng/ul	96
77) Fluoranthene	19.12	202	4435725	34.495	ng/ul	98
80) Pyrene	19.48	202	3517764	28.575	ng/ul	100
83) Benzo(a)anthracene	21.23	228	2111593	15.858	ng/ul	97
85) Chrysene	21.29	228	1927731	15.592	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2854998	19.035	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	2854998	19.823	ng/ul	97
91) Benzo(a)pyrene	23.37	252	2022386	14.054	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.69	276	1444631	8.439	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	388500	2.714	ng/ul#	93
94) Benzo(g,h,i)perylene	26.36	276	1257449	8.921	ng/ul	99

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

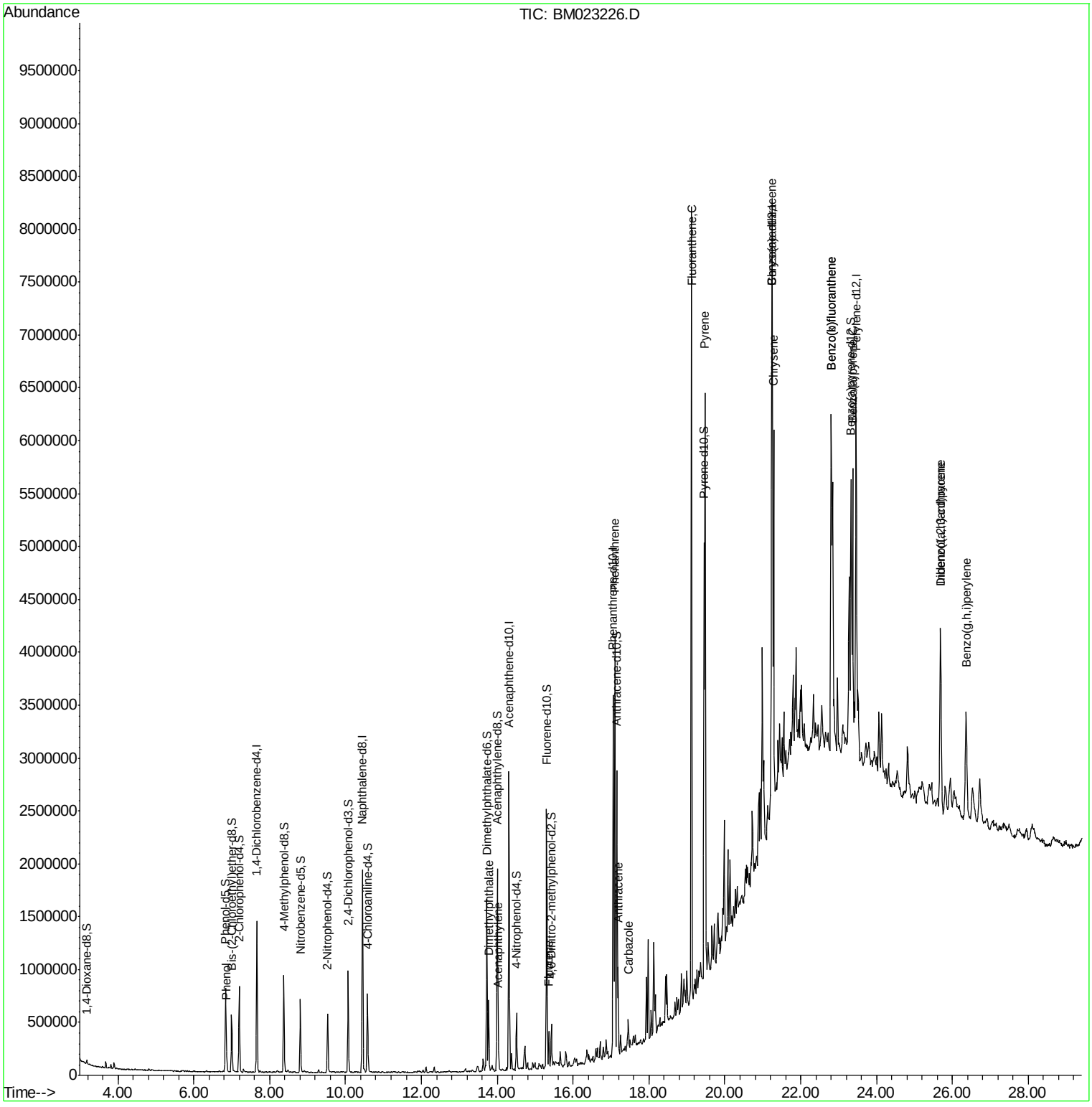
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

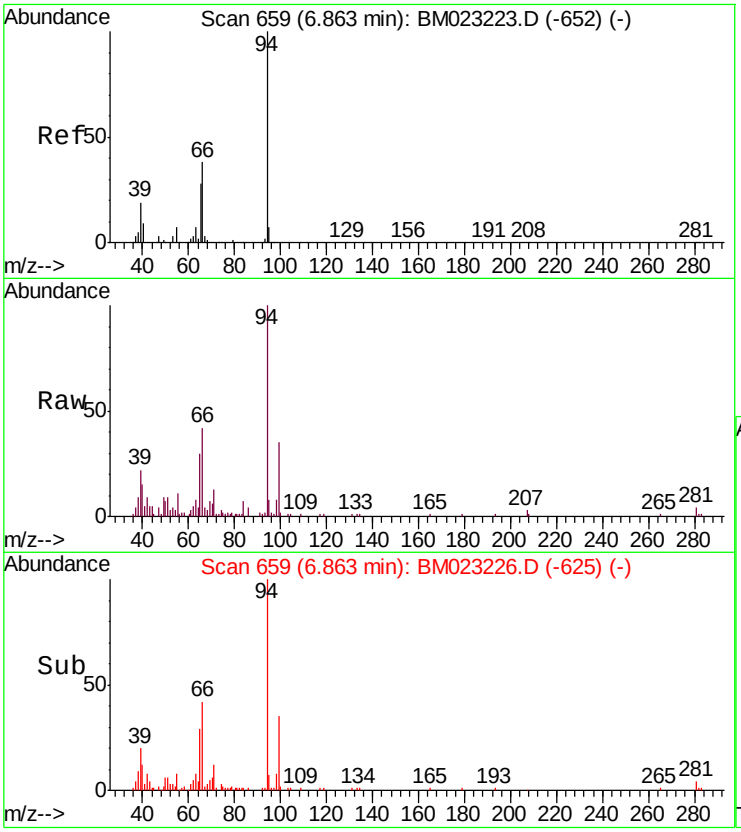
Quantitation Report (Not Reviewed)

Data File : BM023226.D
Acq On : 17 Oct 2019 19:06
Operator : JU
Sample : K5236-17
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPN0

Quant Time: Oct 18 06:55:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration



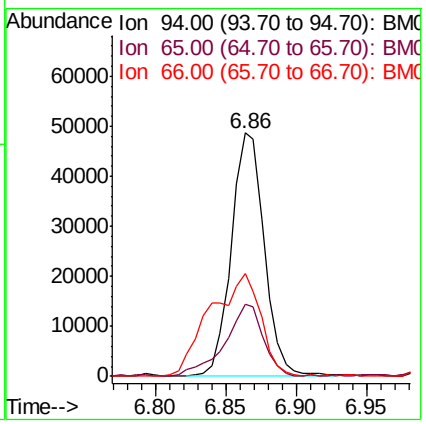


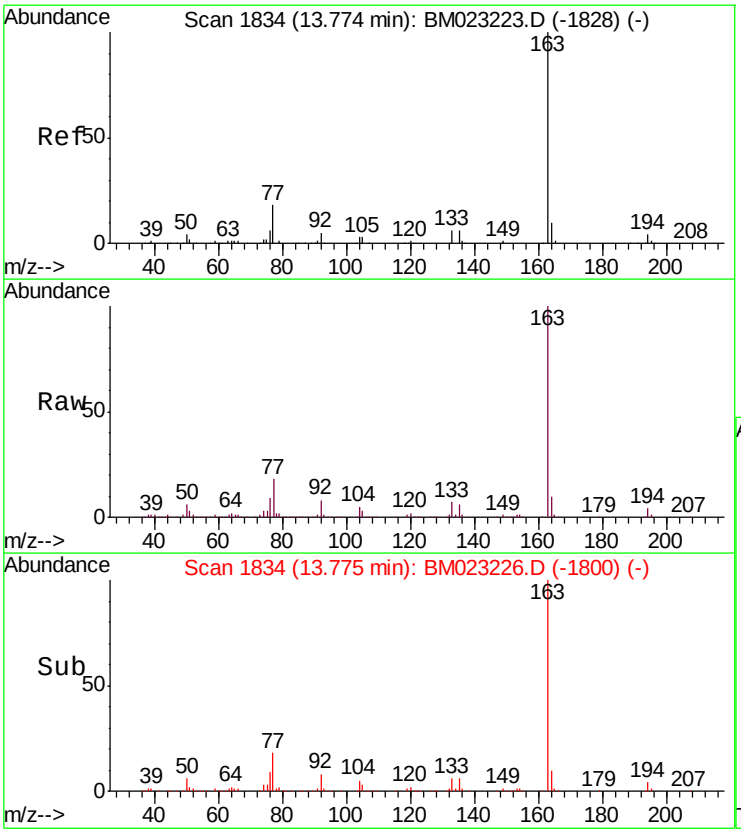
#6
Phenol
Concen: 2.286 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion: 94 Resp: 79359

Ion	Ratio	Lower	Upper
94	100		
65	29.6	23.7	35.5
66	42.3	32.9	49.3

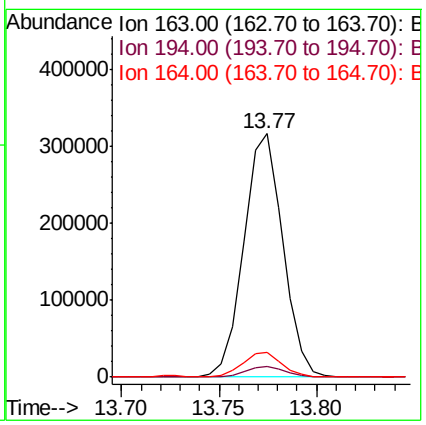


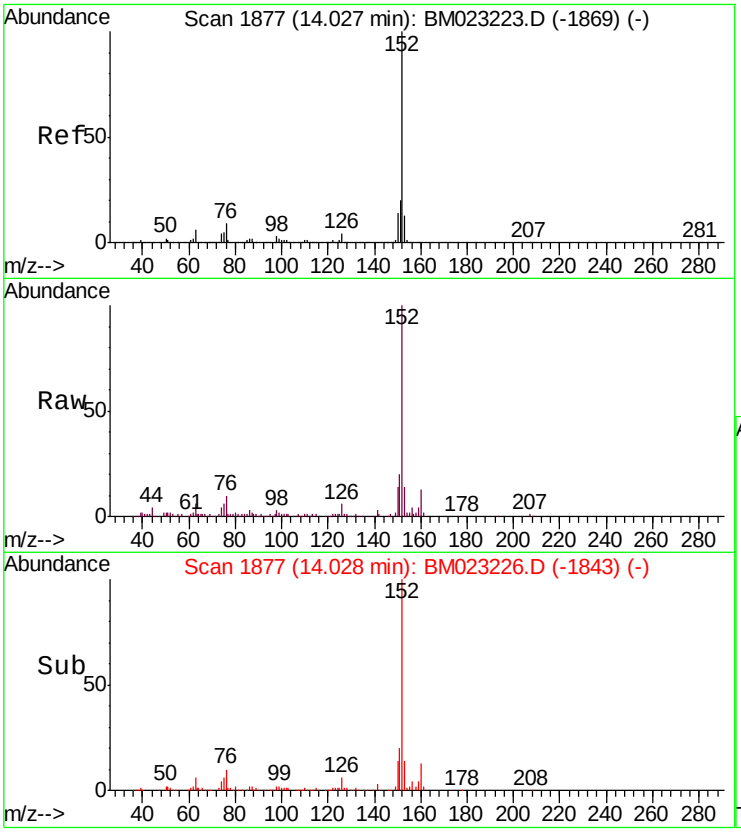


#45
Dimethylphthalate
Concen: 5.984 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:163 Resp: 438894

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	9.9	8.0	12.0



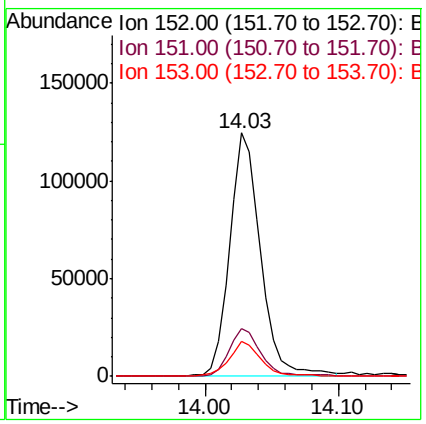


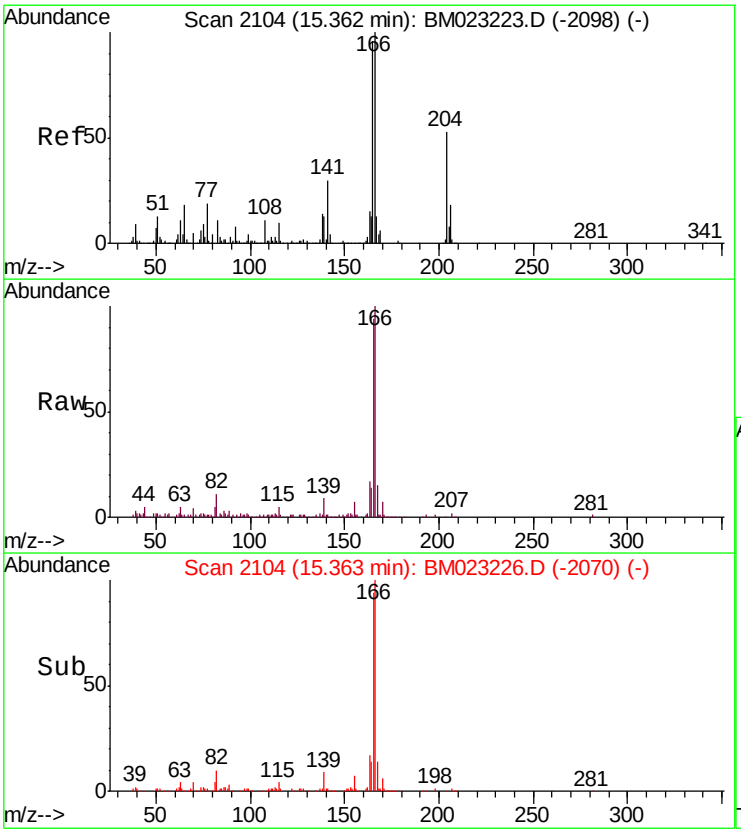
#48
Acenaphthylene
Concen: 2.285 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:152 Resp: 200801

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	14.1	10.3	15.5

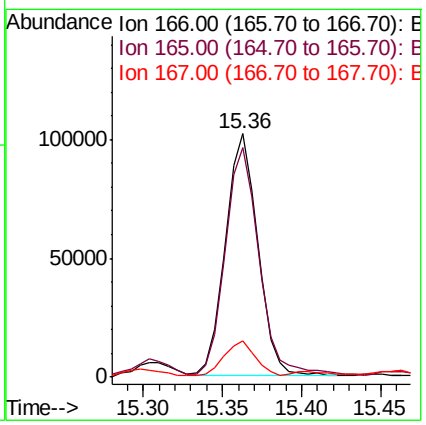


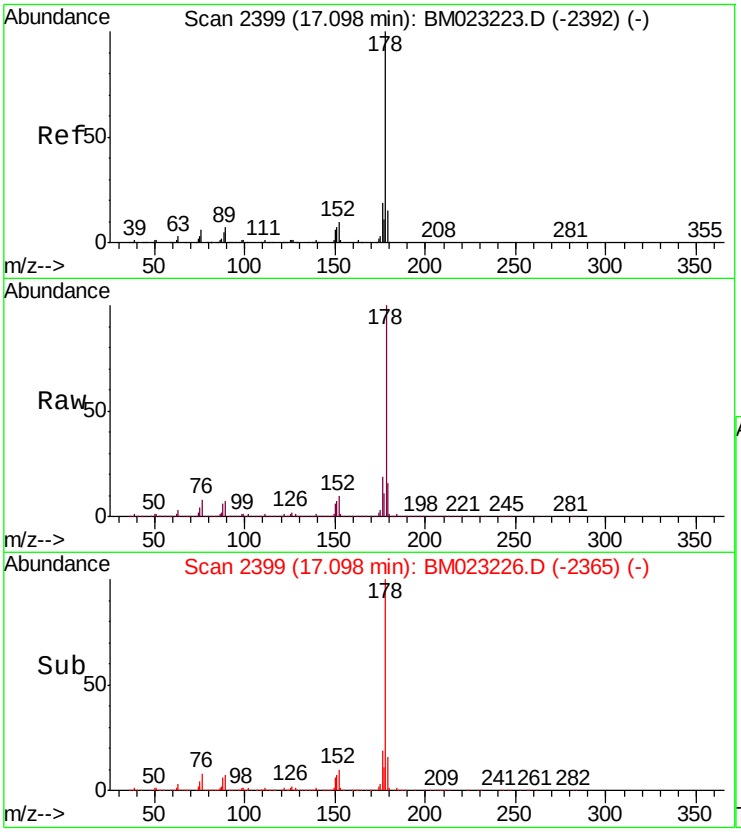


#59
Fluorene
Concen: 2.022 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:166 Resp: 144122

Ion	Ratio	Lower	Upper
166	100		
165	94.4	77.4	116.0
167	14.8	10.8	16.2



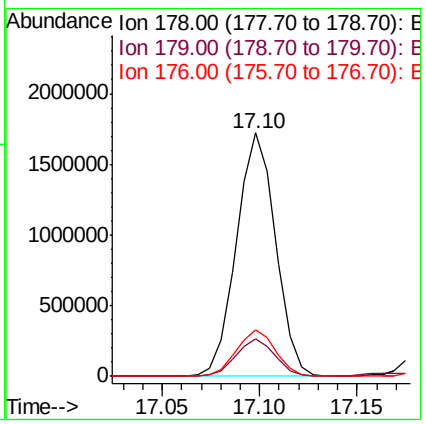


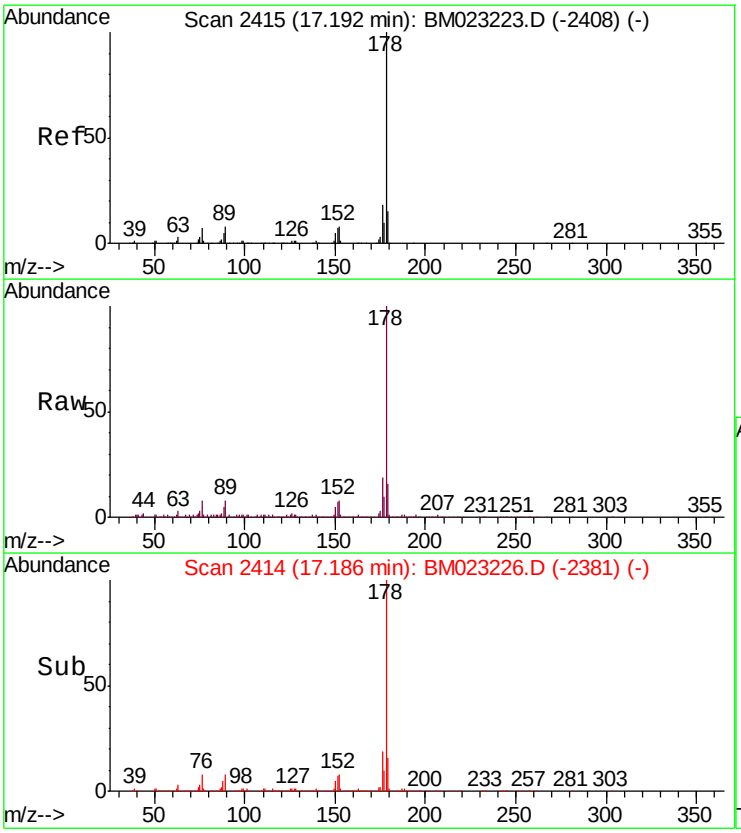
#70
Phenanthrene
Concen: 22.030 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:178 Resp: 2381990

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.0	15.5	23.3

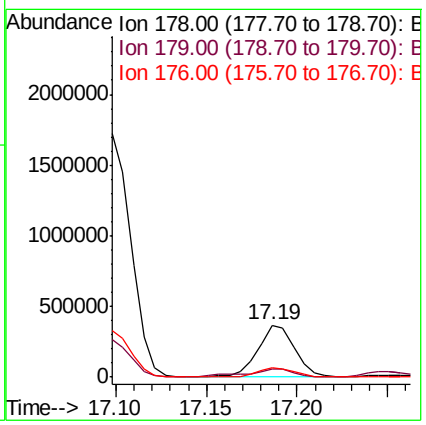


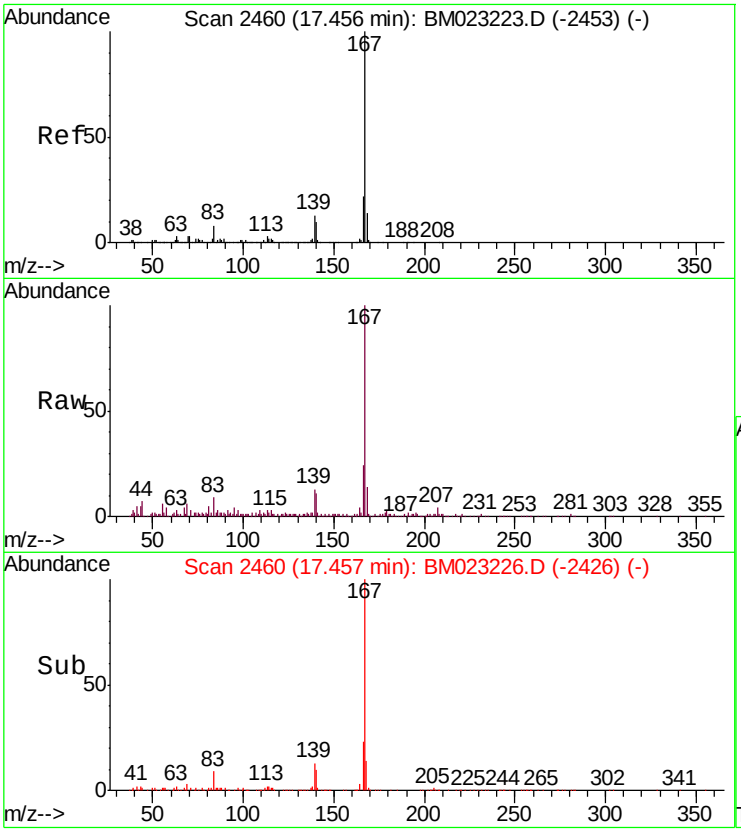


#72
Anthracene
Concen: 4.573 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:178 Resp: 510963

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.7	15.0	22.4



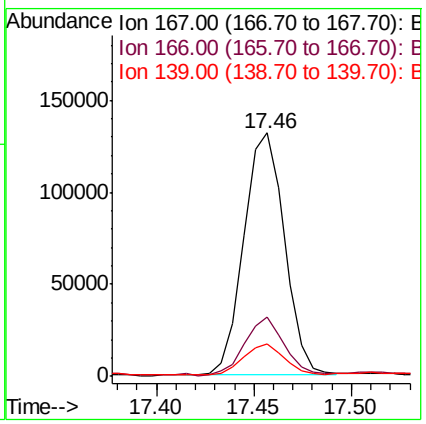


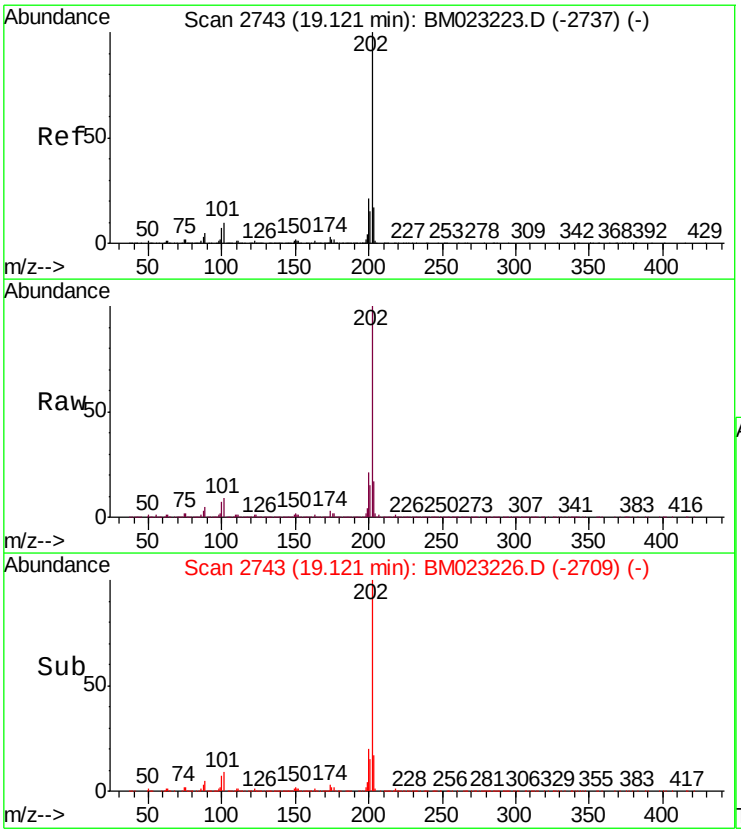
#75
Carbazole
Concen: 1.907 ng/ul
RT: 17.46 min Scan# 2460
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:167 Resp: 190302

Ion	Ratio	Lower	Upper
167	100		
166	24.1	17.4	26.0
139	13.5	10.2	15.2

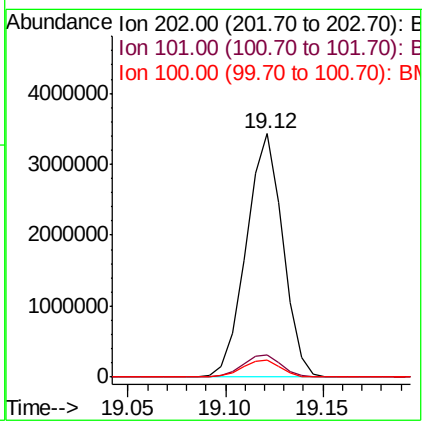


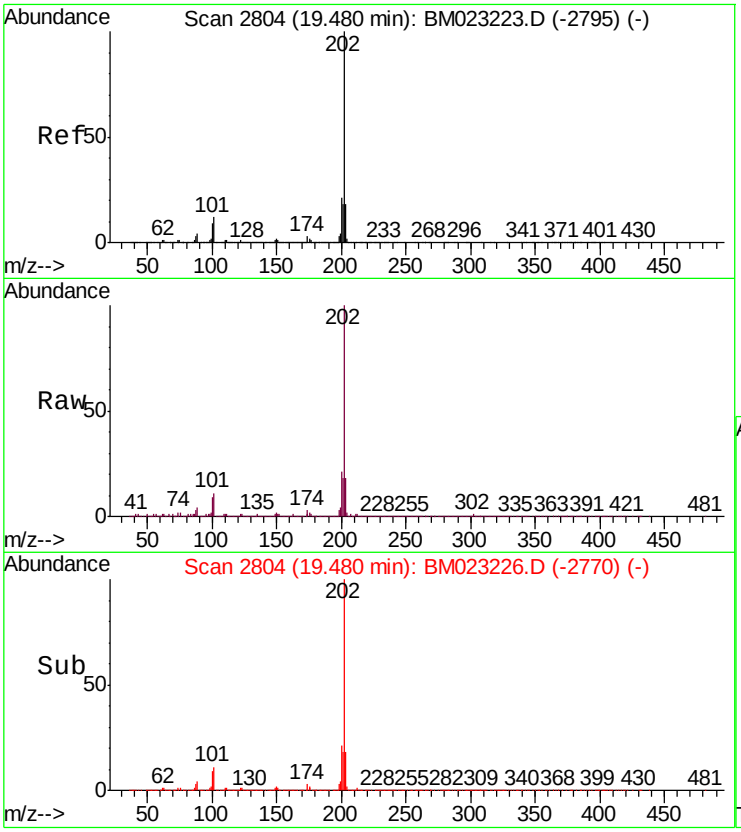


#77
Fluoranthene
Concen: 34.495 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:202 Resp: 4435725

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.8
100	6.9	6.1	9.1



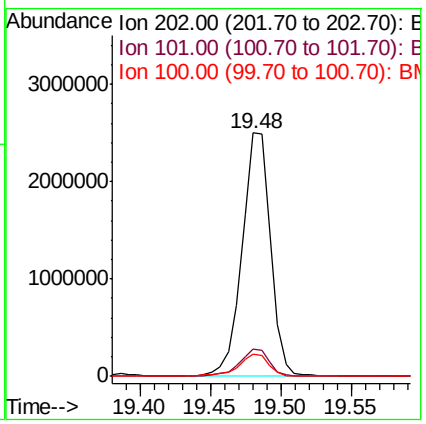


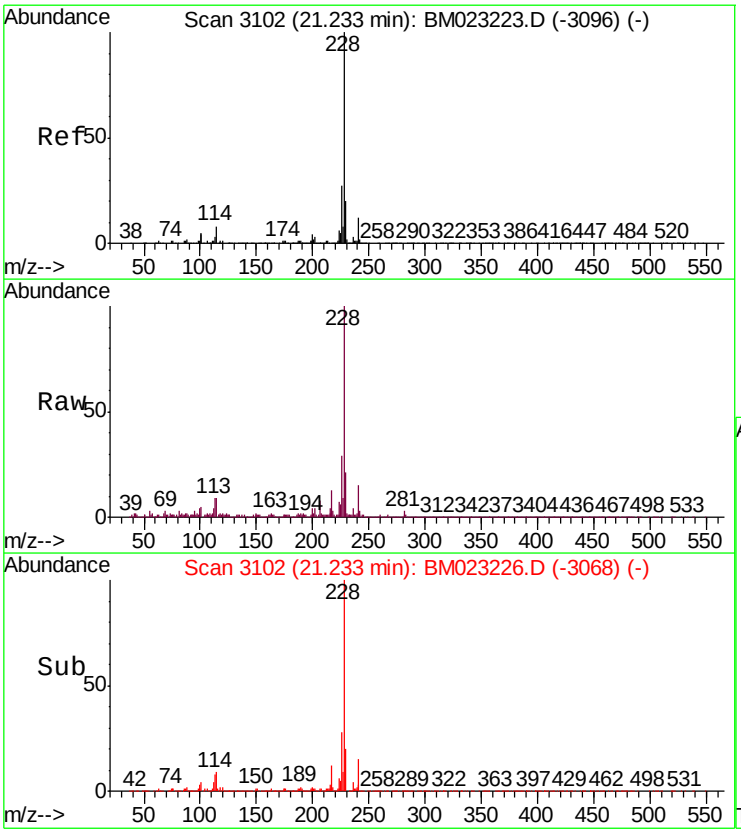
#80
Pyrene
Concen: 28.575 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:202 Resp: 3517764

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.3	7.5	11.3

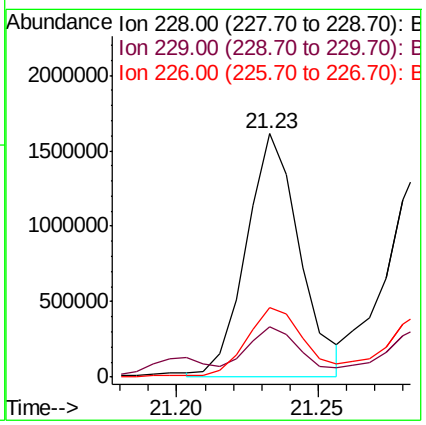


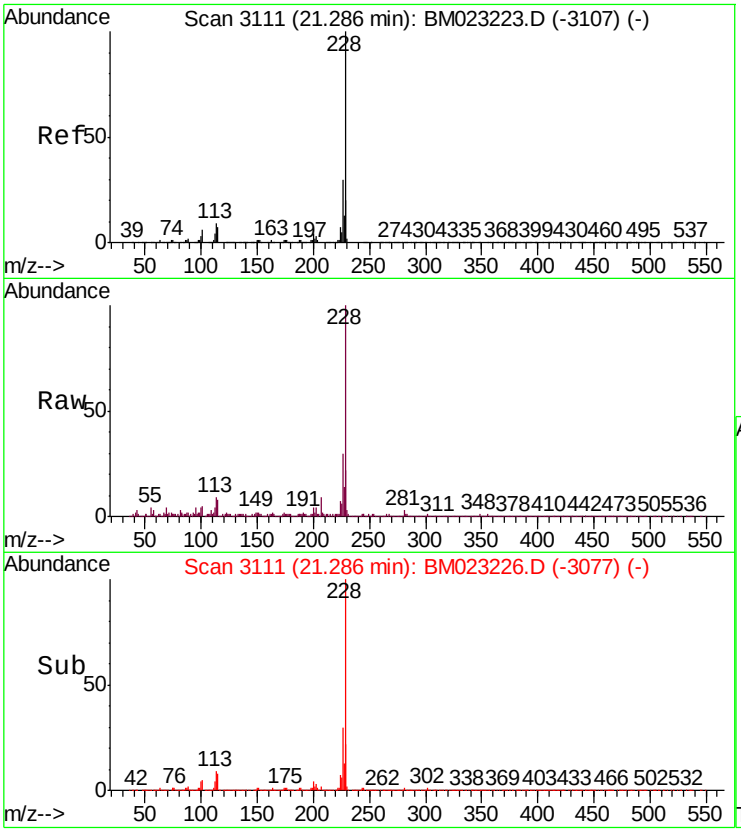


#83
Benzo(a)anthracene
Concen: 15.858 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:228 Resp: 2111593

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.5	21.6	32.4



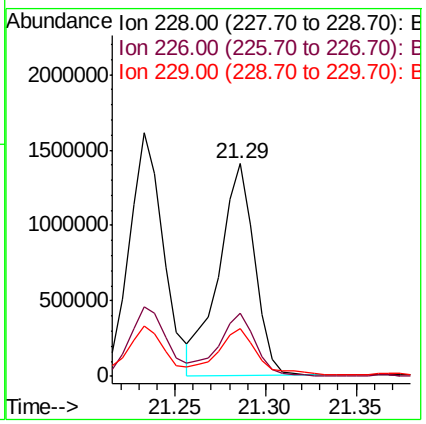


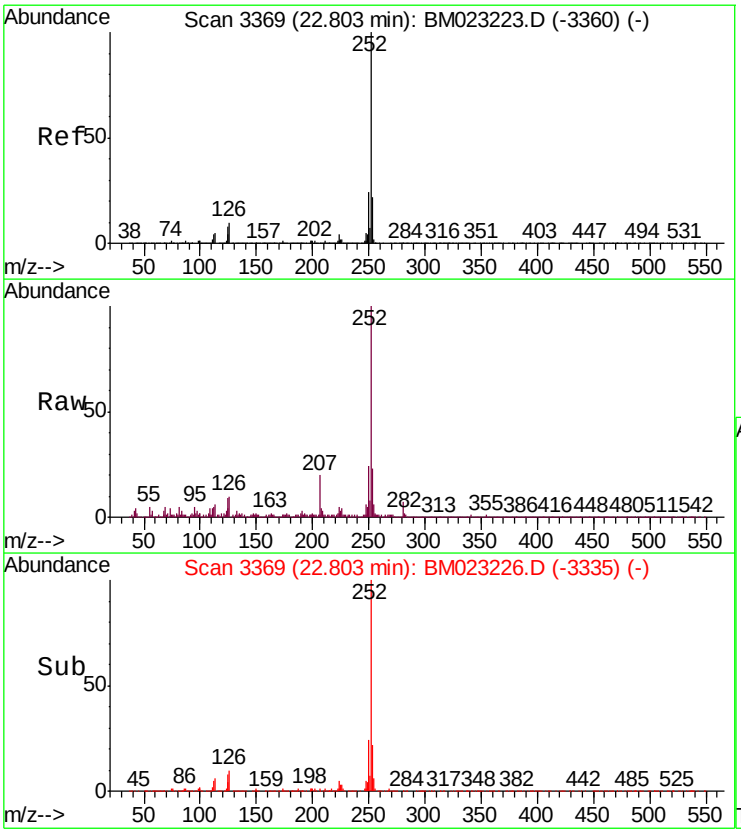
#85
Chrysene
Concen: 15.592 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:228 Resp: 1927731

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.8	35.6
229	22.4	15.5	23.3

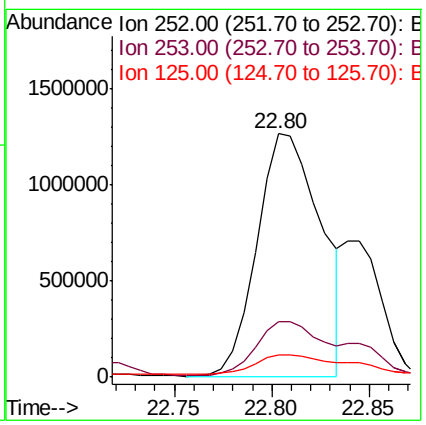


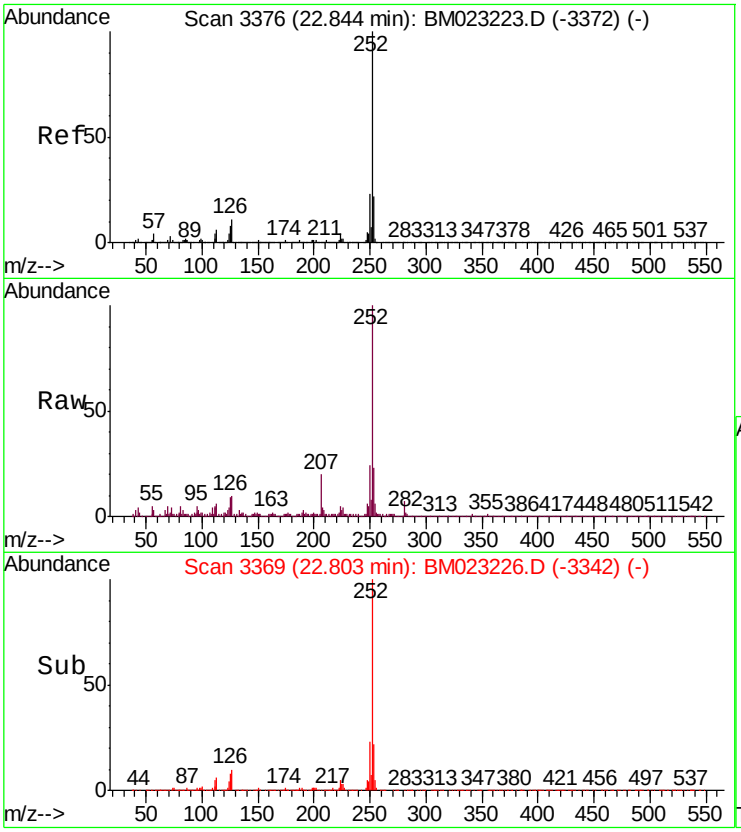


#88
Benzo(b)fluoranthene
Concen: 19.035 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:252 Resp: 2854998

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	8.9	6.4	9.6



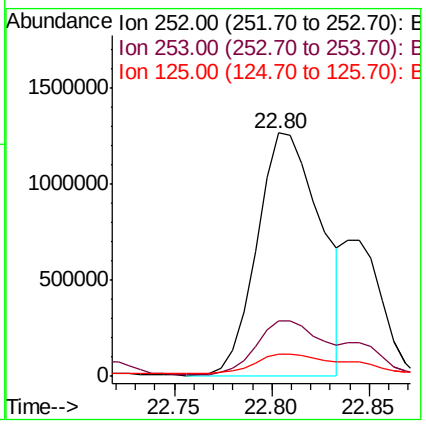


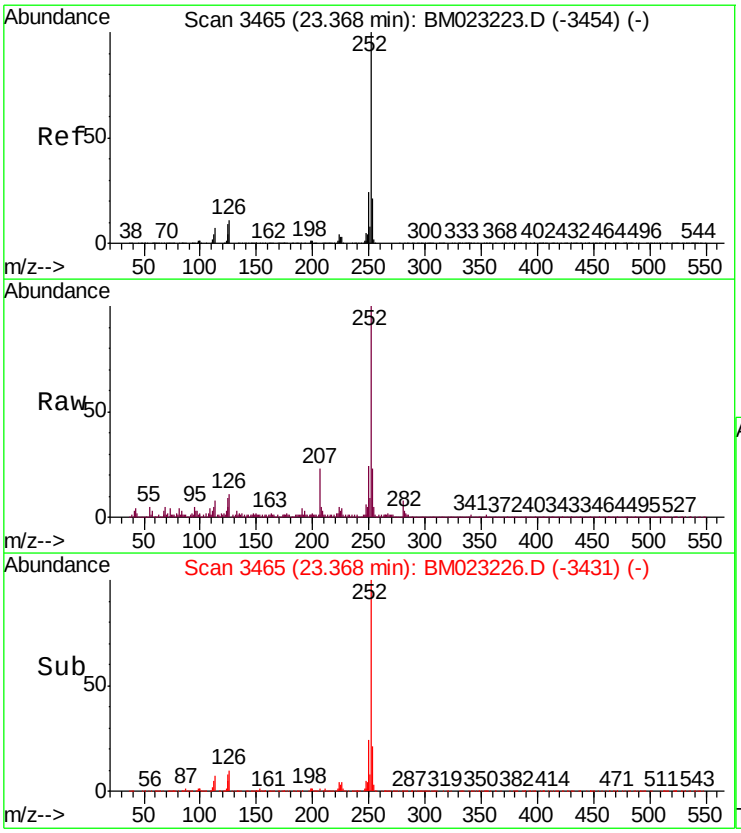
#89
Benzo(k)fluoranthene
Concen: 19.823 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:252 Resp: 2854998

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.9	6.5	9.7

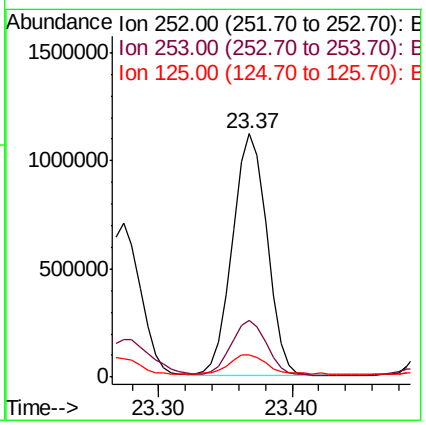


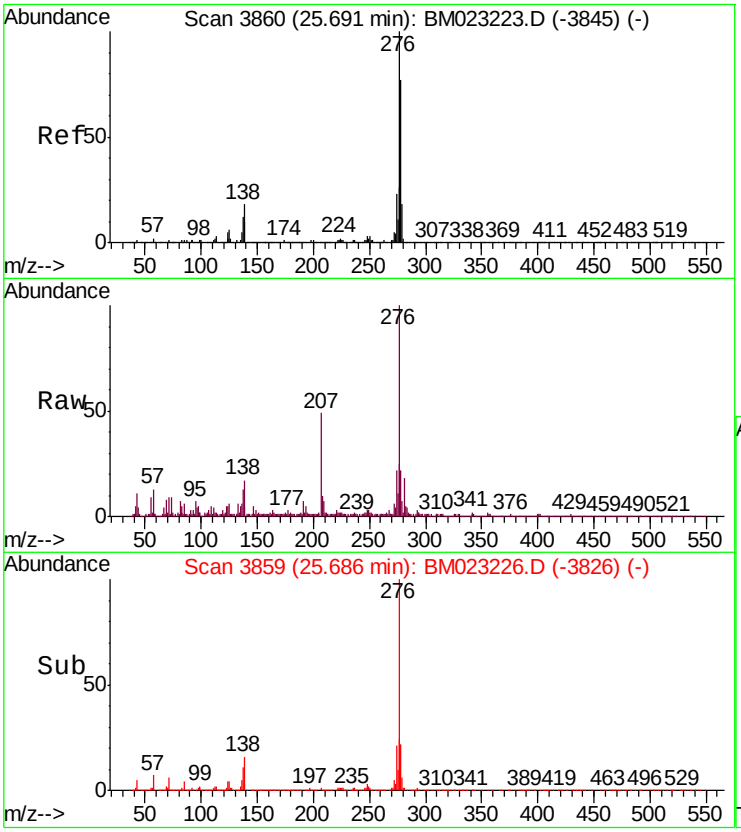


#91
Benzo(a)pyrene
Concen: 14.054 ng/ul
RT: 23.37 min Scan# 3465
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:252 Resp: 2022386

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	9.2	7.4	11.0



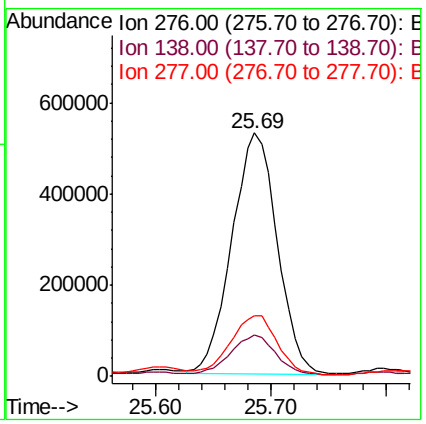


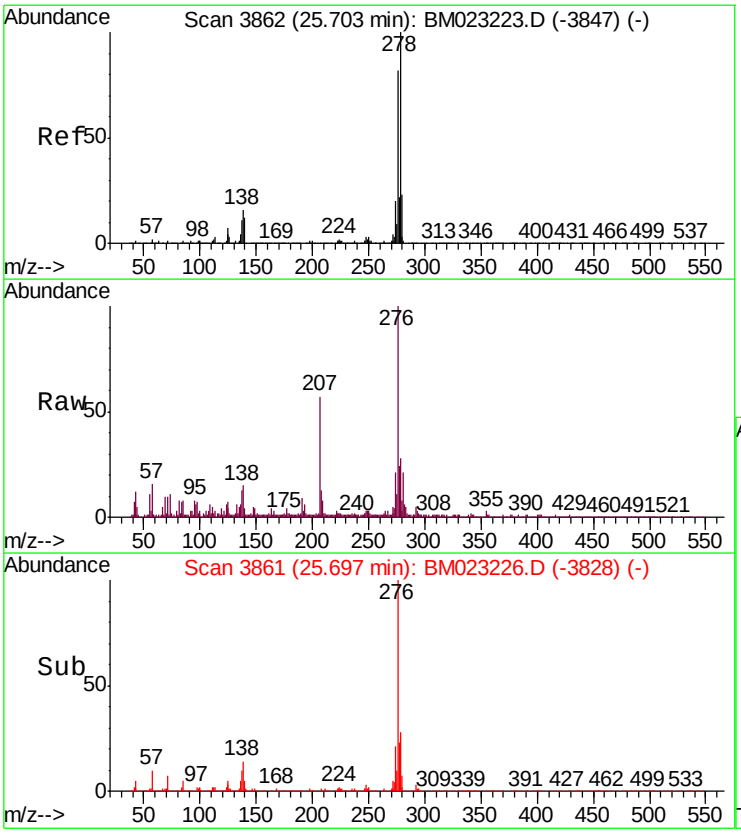
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.439 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.01 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:276 Resp: 1444631

Ion	Ratio	Lower	Upper
276	100		
138	16.8	14.9	22.3
277	24.8	19.8	29.8

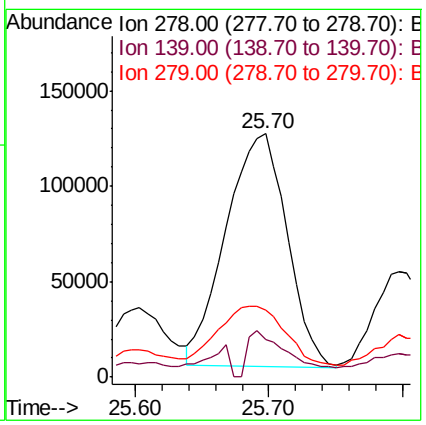


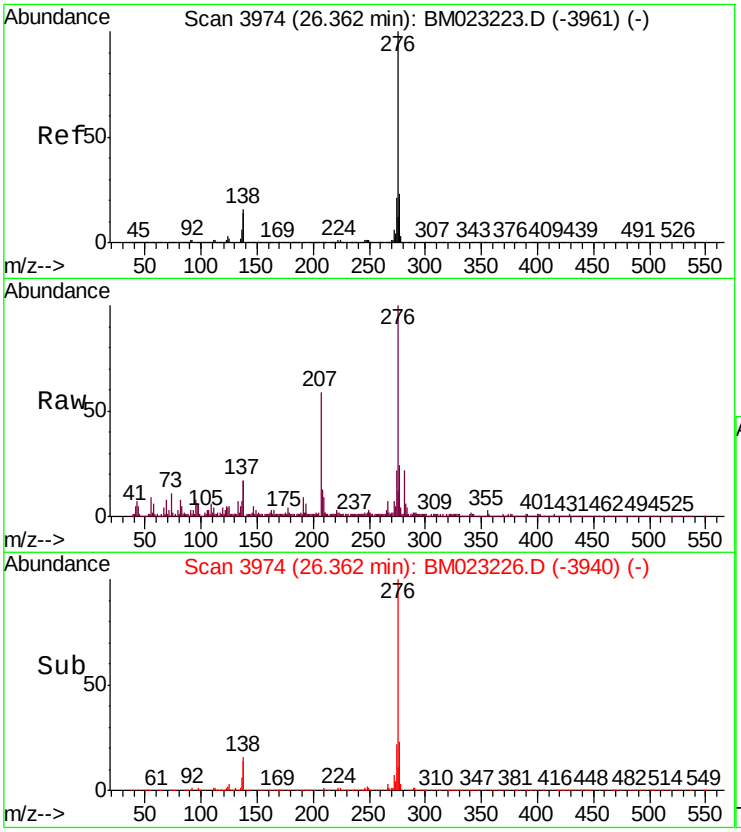


#93
Dibenzo(a,h)anthracene
Concen: 2.714 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. -0.01 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Tgt Ion:278 Resp: 388500

Ion	Ratio	Lower	Upper
278	100		
139	15.5	10.0	15.0#
279	27.7	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 8.921 ng/ul
RT: 26.36 min Scan# 3974
Delta R.T. 0.00 min
Lab File: BM023226.D
Acq: 17 Oct 2019 19:06

Instrument :
BNA_M
ClientSampleId :
BEPN0

Tgt Ion:276 Resp: 1257449

Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.4	21.6
277	24.0	19.4	29.2