Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023217.D
Acq On : 17 Oct 2019 12:14
Operator : JU
Sample : K5262-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB81

Quant Time: Oct 17 14:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	439741	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1694073	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	961194	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1800229	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1833022	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2291587	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	32994	3.30	ng/uL	0.00
5) Phenol-d5	6.84	99	614659	16.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	375585	17.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	520107	17.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	445289	14.47	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	244366	21.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	266377	24.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	506092	18.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	417814	12.37	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1474474	20.02	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1721084	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	145289	12.18	ng/ul	0.00
58) Fluorene-d10	15.30	176	1224945	19.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	81182	11.37	ng/ul	0.01
71) Anthracene-d10	17.16	188	1859697	21.42	ng/ul	0.00
79) Pyrene-d10	19.45	212	2003851	22.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	2493620	21.47	ng/ul	0.01
Target Compounds						Qvalue
6) Phenol	6.86	94	106687	2.701	ng/ul	99
28) Naphthalene	10.49	128	244946	2.797	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	109959	1.688	ng/ul	99
35) 1-Methylnaphthalene	12.34	142	90475	1.435	ng/ul	99
45) Dimethylphthalate	13.77	163	464996	6.307	ng/ul	99
48) Acenaphthylene	14.03	152	729016	8.253	ng/ul	99
50) Acenaphthene	14.37	153	144215	2.345	ng/ul	98
54) Dibenzofuran	14.71	168	99284	1.137	ng/ul	100
59) Fluorene	15.36	166	189280	2.642	ng/ul	95
70) Phenanthrene	17.10	178	3259065	32.258	ng/ul	100
72) Anthracene	17.19	178	1245134	11.926	ng/ul	99
75) Carbazole	17.45	167	130648	1.401	ng/ul	95
77) Fluoranthene	19.12	202	7495531	62.383	ng/ul	99
80) Pyrene	19.49	202	7275216	63.356	ng/ul	98
81) Butylbenzylphthalate	20.40	149	115127	2.883	ng/ul#	96
83) Benzo(a)anthracene	21.29	228	4641221	37.369	ng/ul	94
84) Bis(2-ethylhexyl)phthalate	21.19	149	201343	3.170	ng/ul	96
85) Chrysene	21.29	228	4652070	40.339	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	7002171	50.397	ng/ul	97
89) Benzo(k)fluoranthene	22.81	252	7002171	52.485	ng/ul	97
91) Benzo(a)pyrene	23.37	252	5399048	40.503	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.70	276	3820247	24.091	ng/ul	97
93) Dibenzo(a,h)anthracene	25.70	278	1091683	8.233	ng/ul#	90

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
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Sample : K5262-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB81

Quant Time: Oct 17 14:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Benzo(g,h,i)perylene	26.37	276	3616060	27.696	ng/ul	99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101619\
Data File : BM023217.D
Acq On : 17 Oct 2019 12:14
Operator : JU
Sample : K5262-20
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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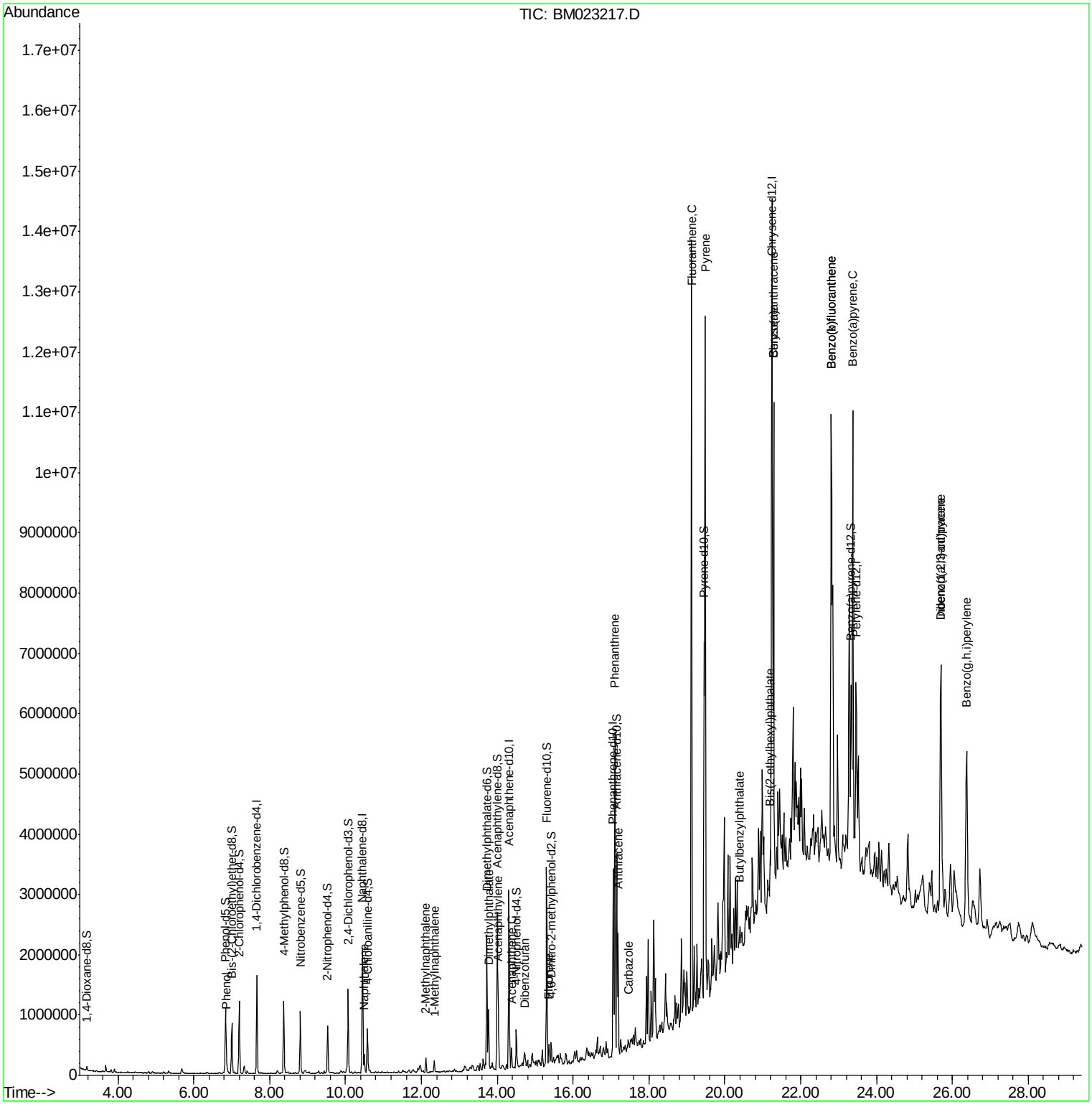
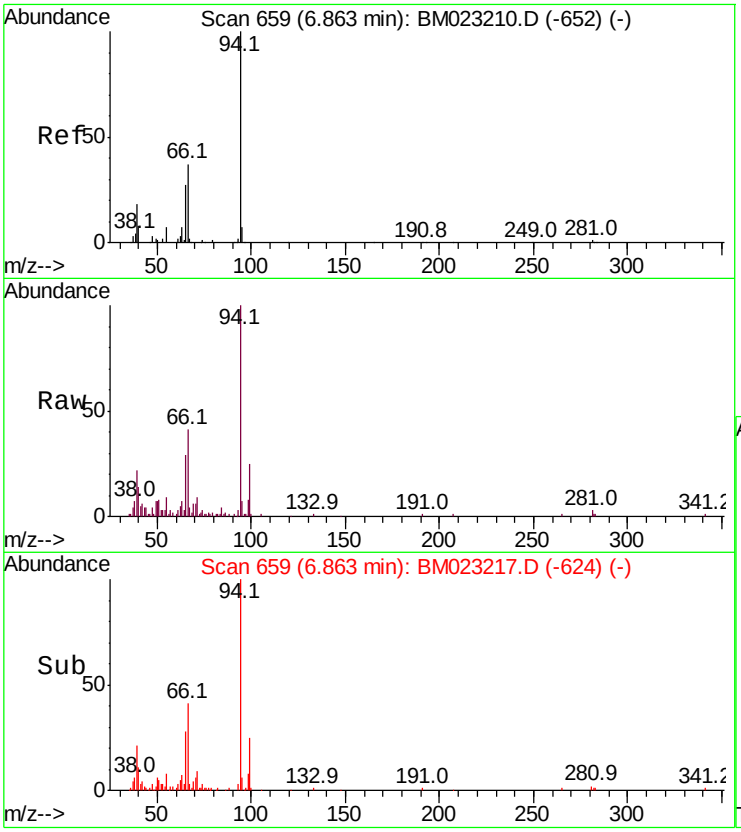
Quant Time: Oct 17 14:35:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration



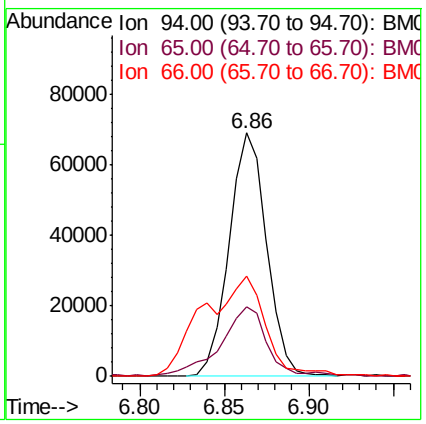


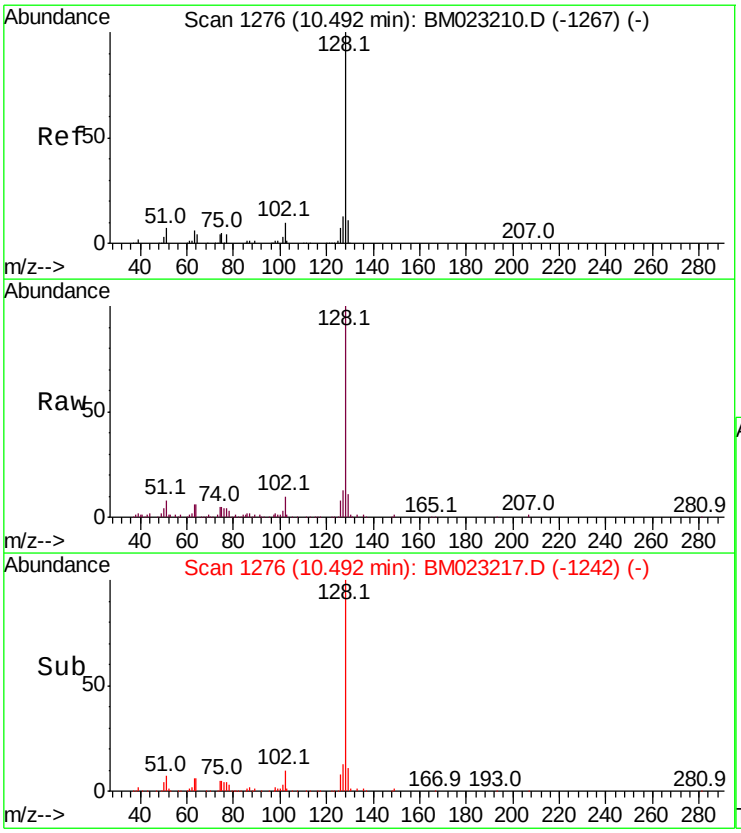
#6
Phenol
Concen: 2.701 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion: 94 Resp: 106687

Ion	Ratio	Lower	Upper
94	100		
65	28.7	23.7	35.5
66	41.2	32.9	49.3

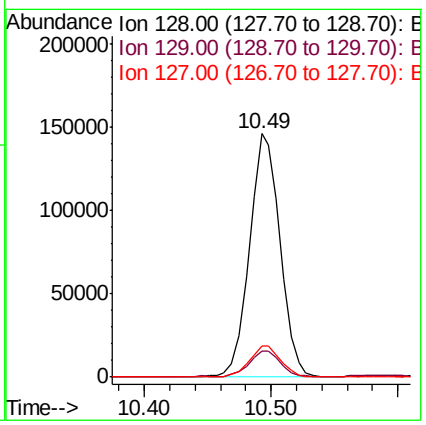


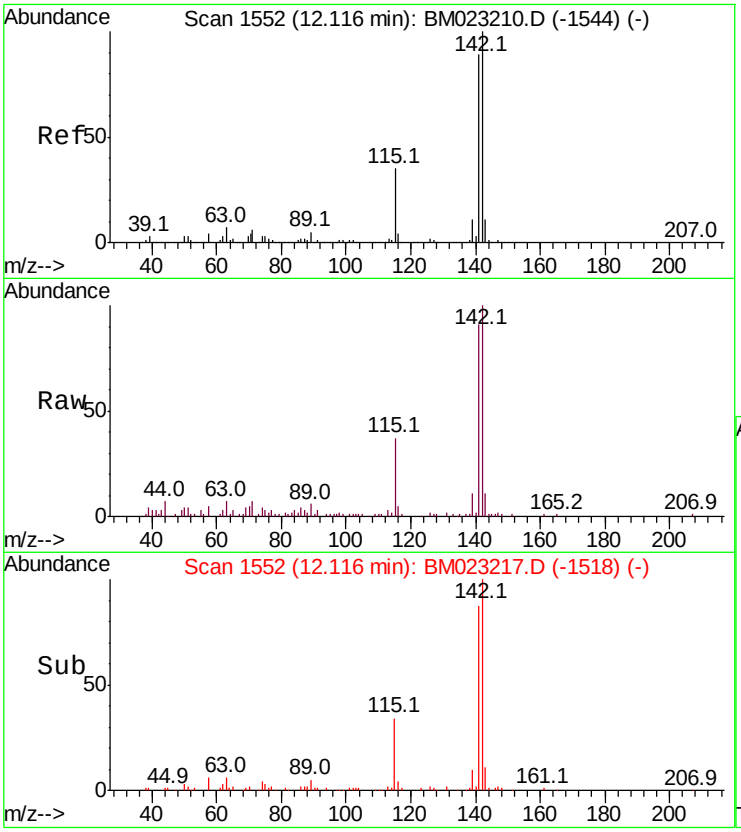


#28
Naphthalene
Concen: 2.797 ng/ul
RT: 10.49 min Scan# 1276
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:128 Resp: 244946

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.3	12.5
127	12.9	10.2	15.4



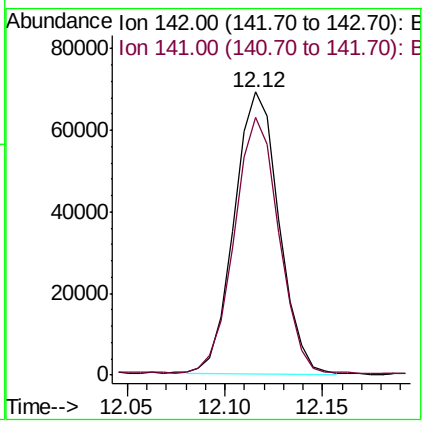


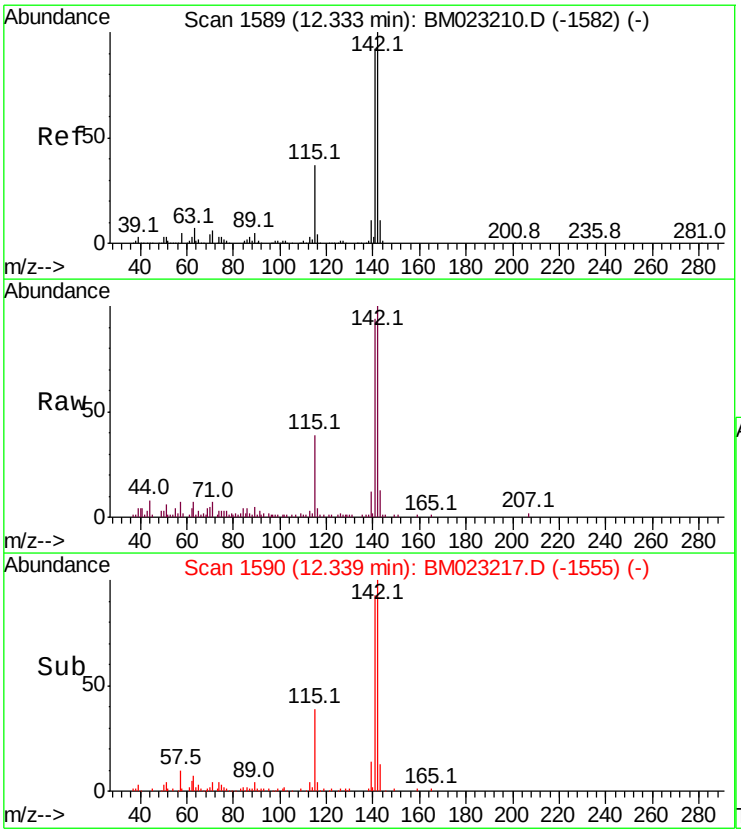
#34
2-Methylnaphthalene
Concen: 1.688 ng/ul
RT: 12.12 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:142 Resp: 109959

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.1	108.1

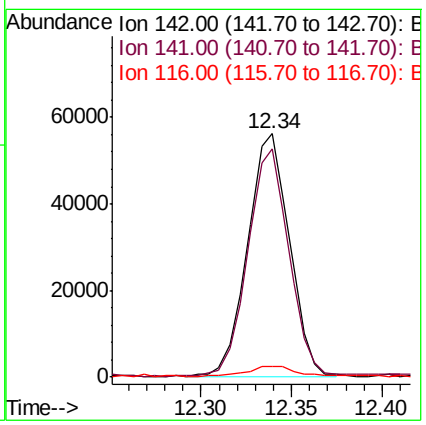


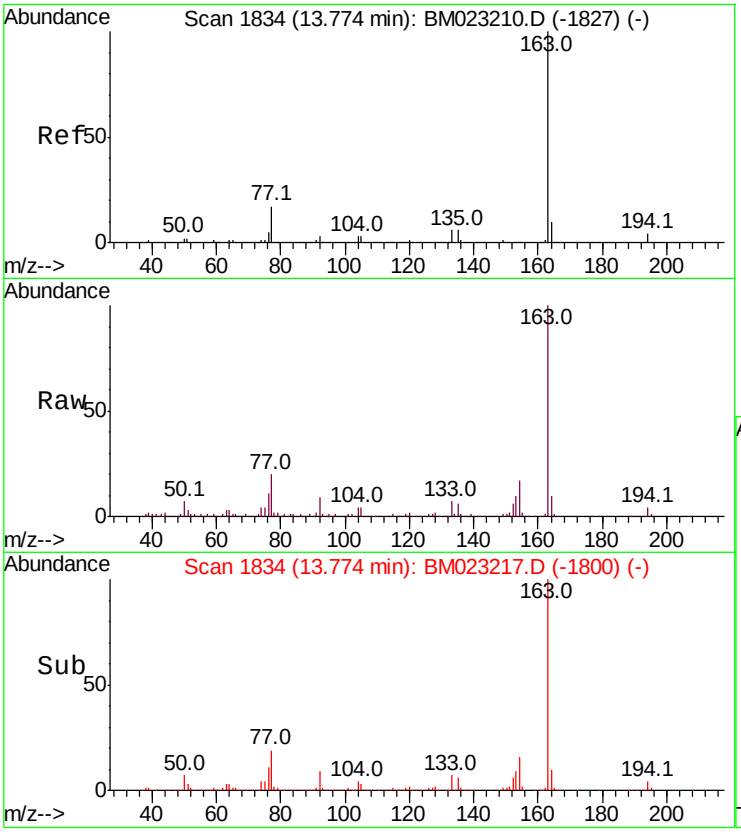


#35
1-Methylnaphthalene
Concen: 1.435 ng/ul
RT: 12.34 min Scan# 1590
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:142 Resp: 90475

Ion	Ratio	Lower	Upper
142	100		
141	93.6	74.2	111.2
116	4.2	3.3	4.9



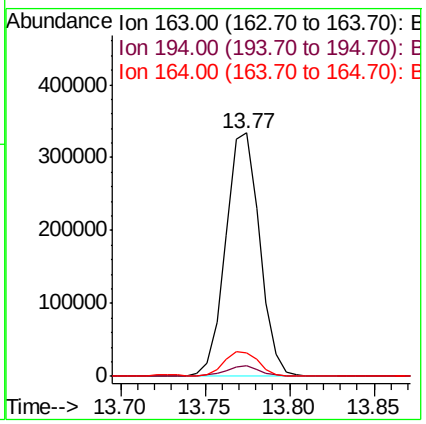


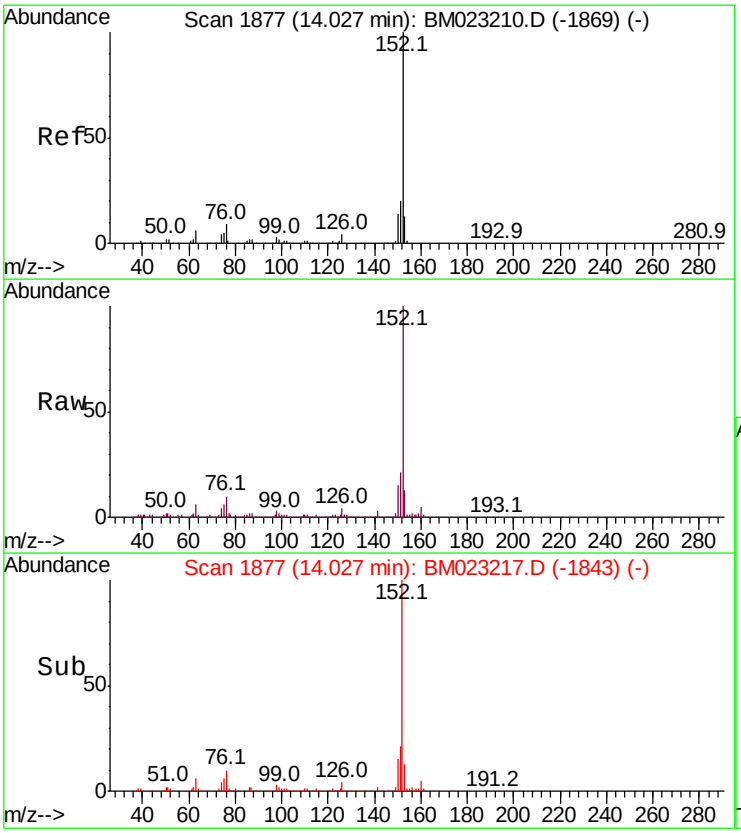
#45
Dimethylphthalate
Concen: 6.307 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:163 Resp: 464996

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.6	8.0	12.0

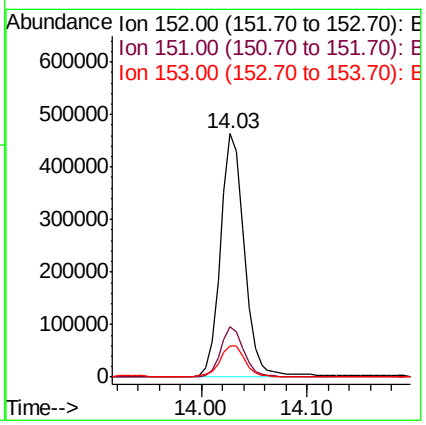


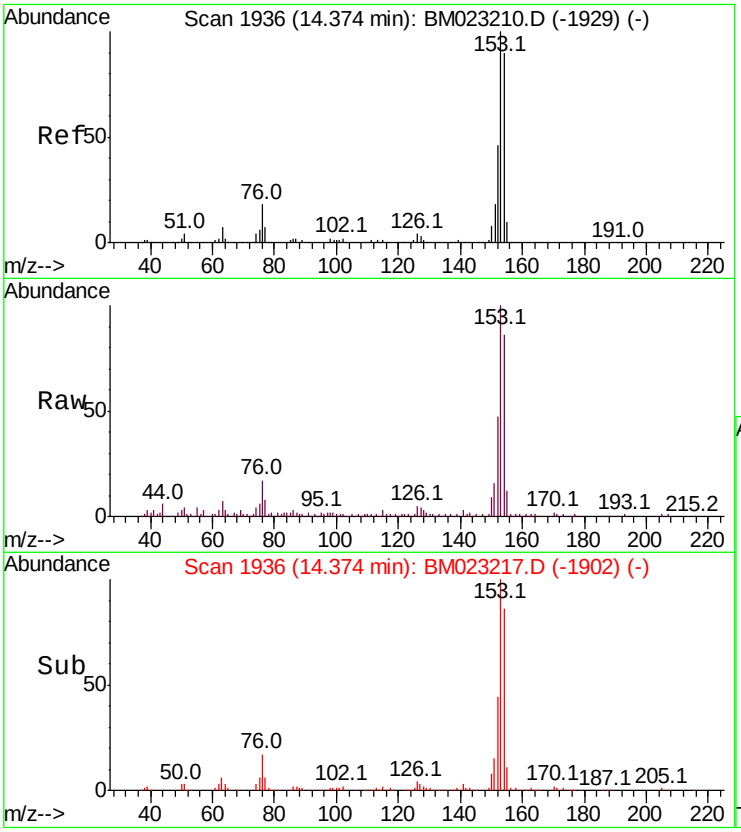


#48
Acenaphthylene
Concen: 8.253 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:152 Resp: 729016

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	12.7	10.3	15.5



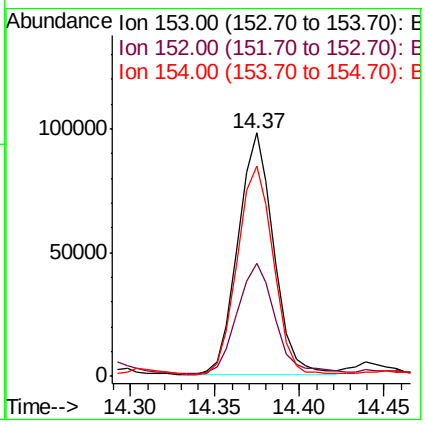


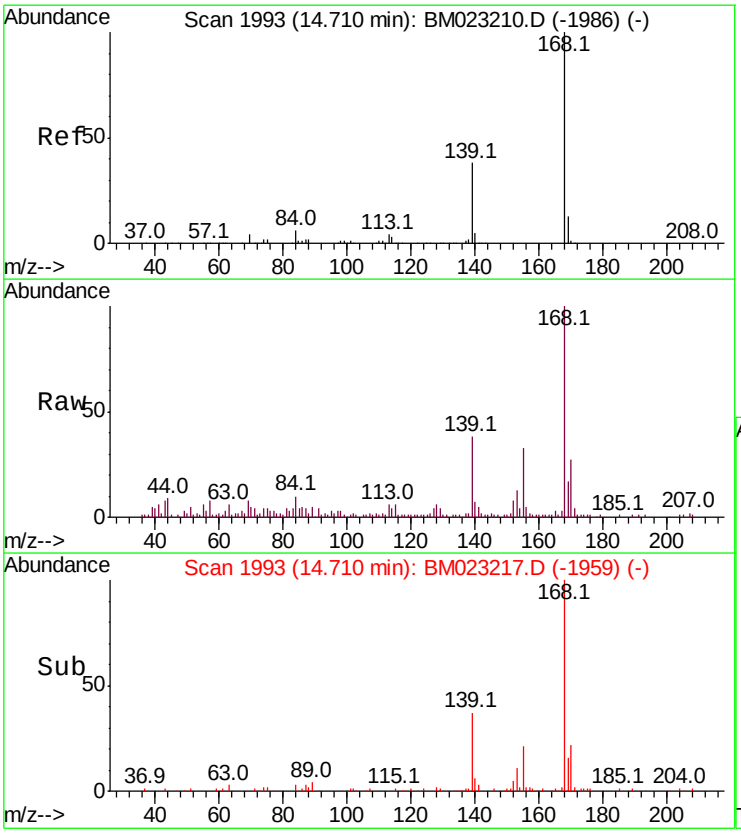
#50
Acenaphthene
Concen: 2.345 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:153 Resp: 144215

Ion	Ratio	Lower	Upper
153	100		
152	46.5	38.0	57.0
154	86.5	70.4	105.6

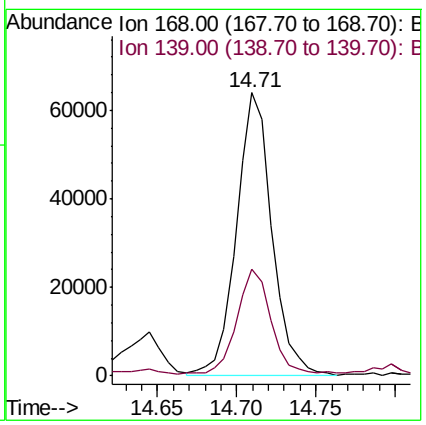


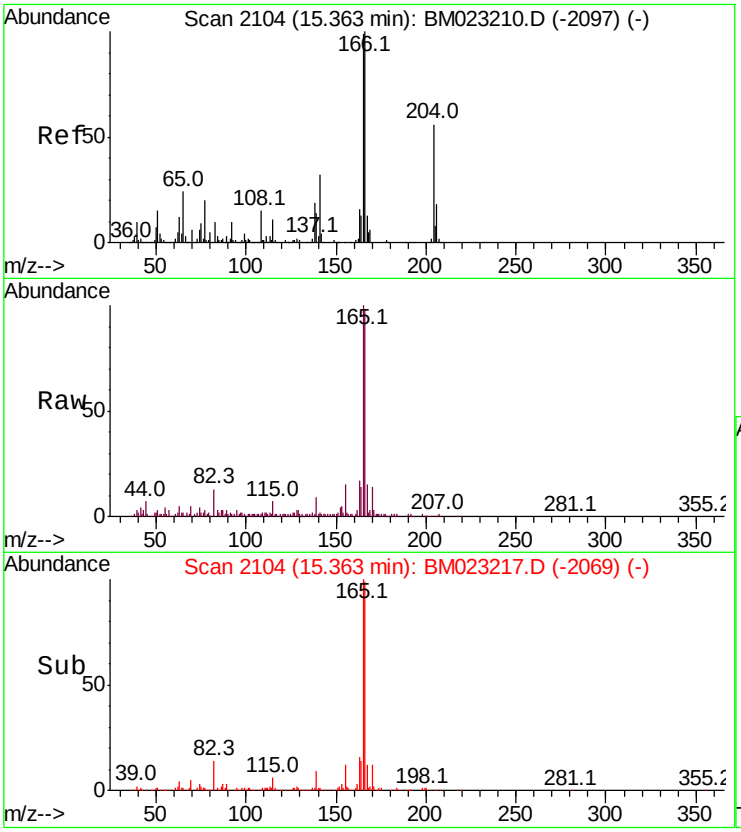


#54
Dibenzofuran
Concen: 1.137 ng/ul
RT: 14.71 min Scan# 1993
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:168 Resp: 99284

Ion	Ratio	Lower	Upper
168	100		
139	37.8	30.1	45.1



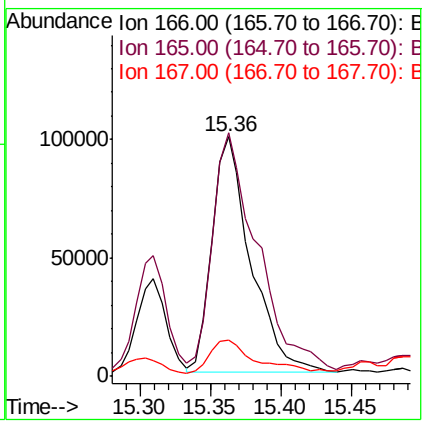


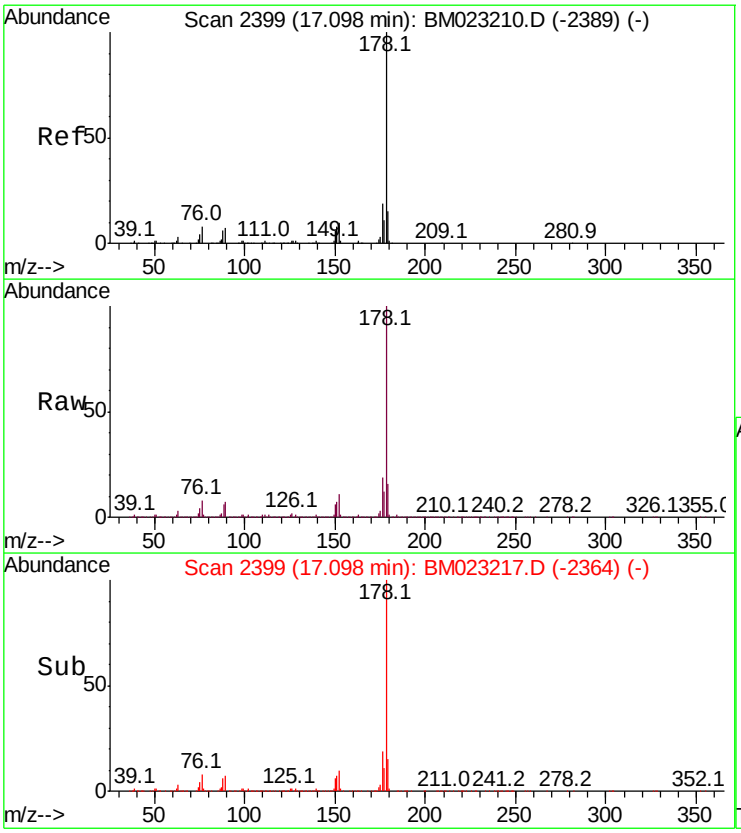
#59
Fluorene
Concen: 2.642 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:166 Resp: 189280

Ion	Ratio	Lower	Upper
166	100		
165	101.7	77.4	116.0
167	15.2	10.8	16.2

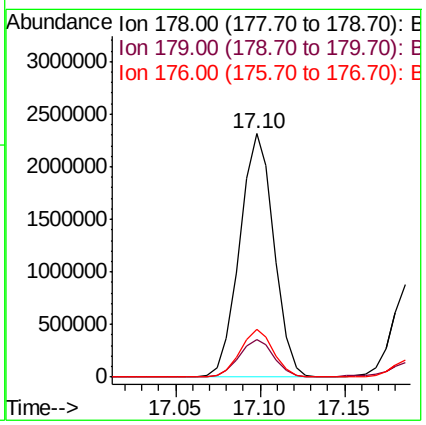


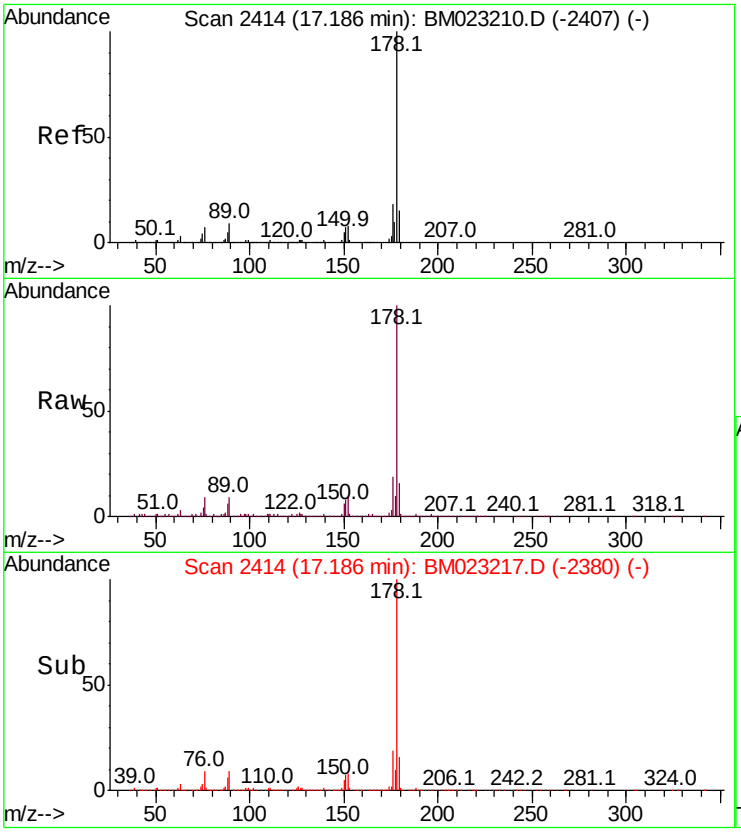


#70
Phenanthrene
Concen: 32.258 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:178 Resp: 3259065

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.5	23.3



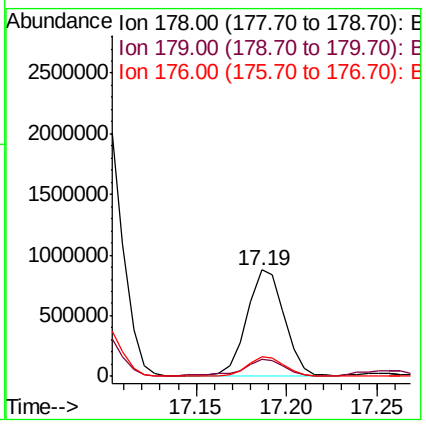


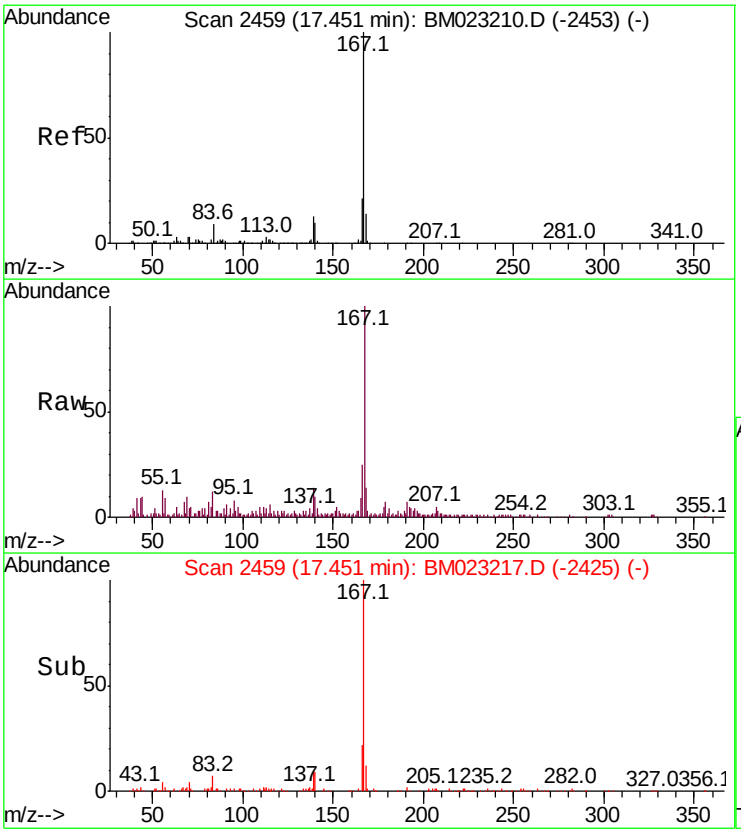
#72
Anthracene
Concen: 11.926 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:178 Resp: 1245134

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.3	18.5
176	18.7	15.0	22.4

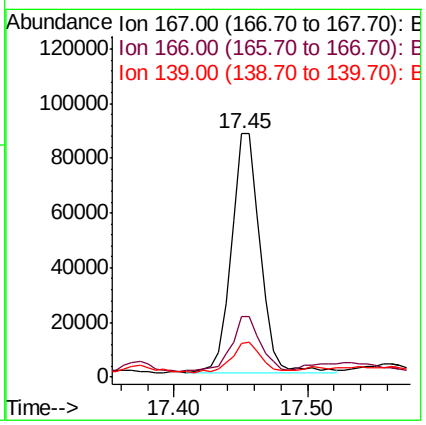


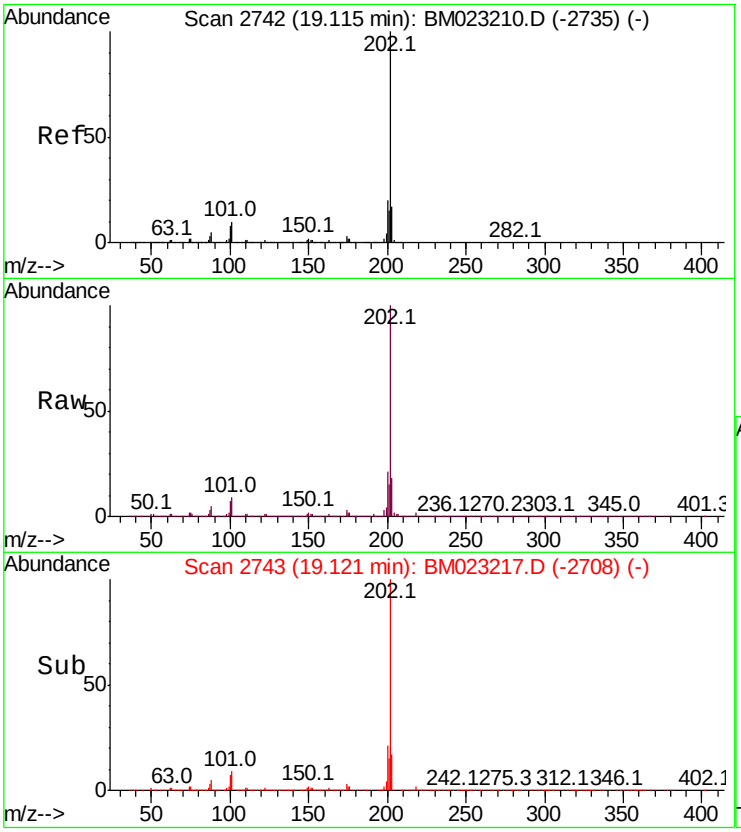


#75
Carbazole
Concen: 1.401 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:167 Resp: 130648

Ion	Ratio	Lower	Upper
167	100		
166	25.1	17.4	26.0
139	13.6	10.2	15.2



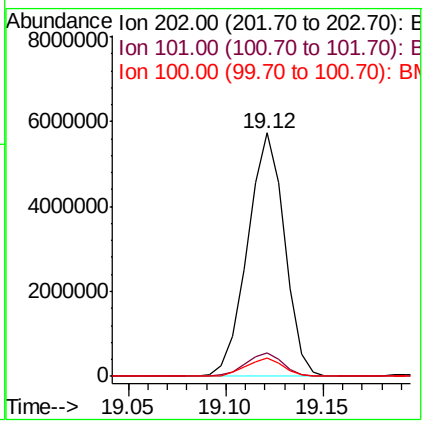


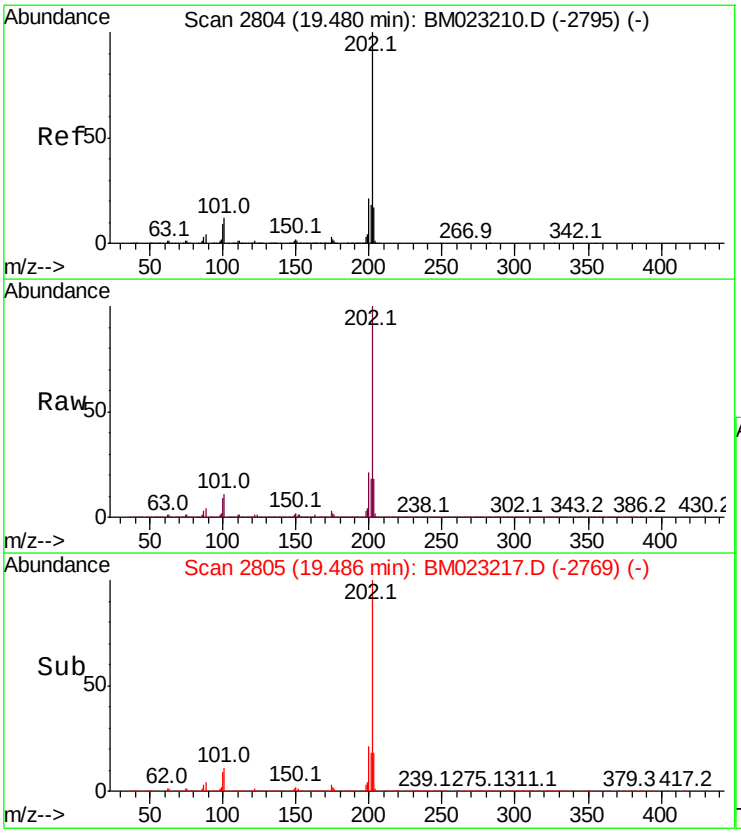
#77
Fluoranthene
Concen: 62.383 ng/ul
RT: 19.12 min Scan# 2743
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:202 Resp: 7495531

Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.8	11.8
100	7.3	6.1	9.1

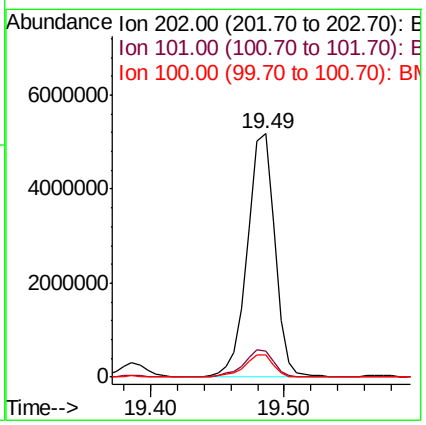


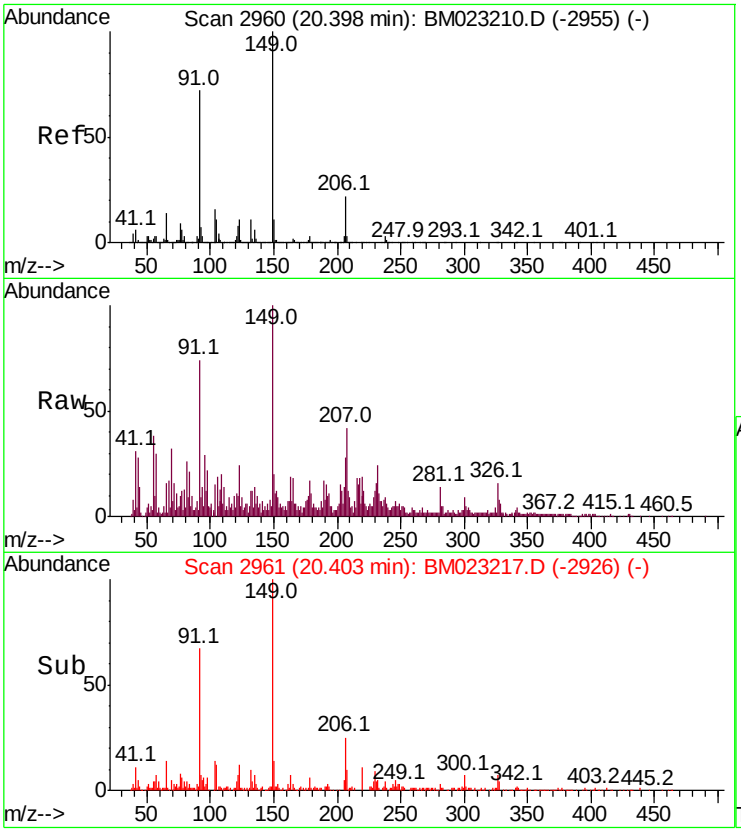


#80
Pyrene
Concen: 63.356 ng/ul
RT: 19.49 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:202 Resp: 7275216

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.1	13.7
100	8.9	7.5	11.3



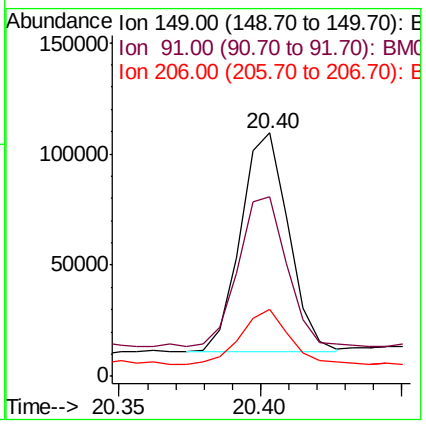


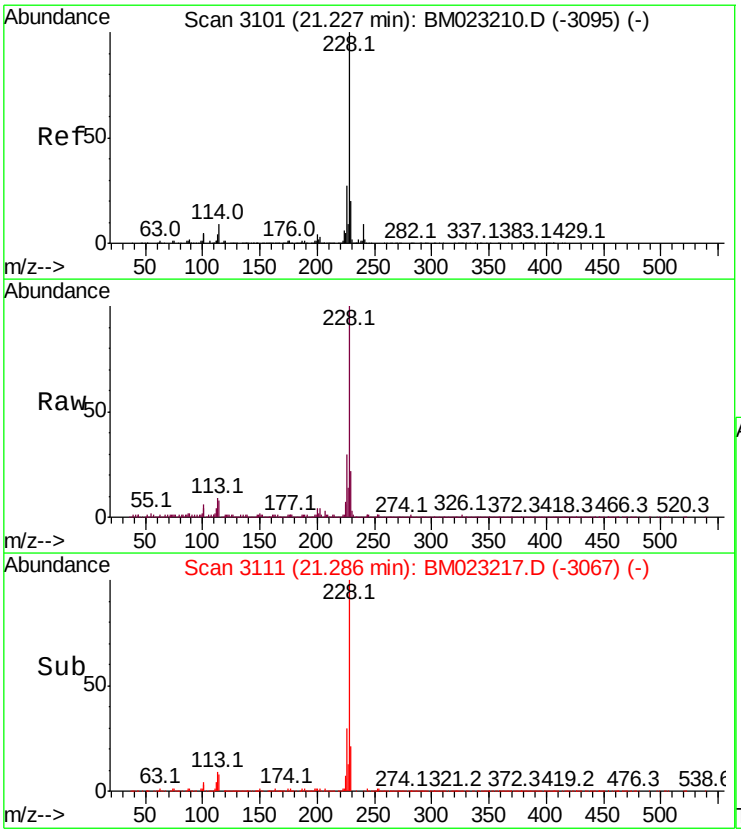
#81
Butylbenzylphthalate
Concen: 2.883 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:149 Resp: 115127

Ion	Ratio	Lower	Upper
149	100		
91	73.8	59.9	89.9
206	27.7	17.1	25.7#

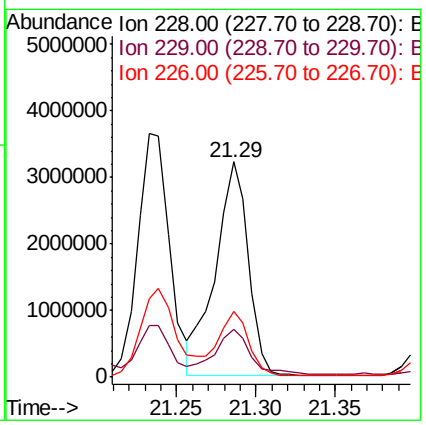


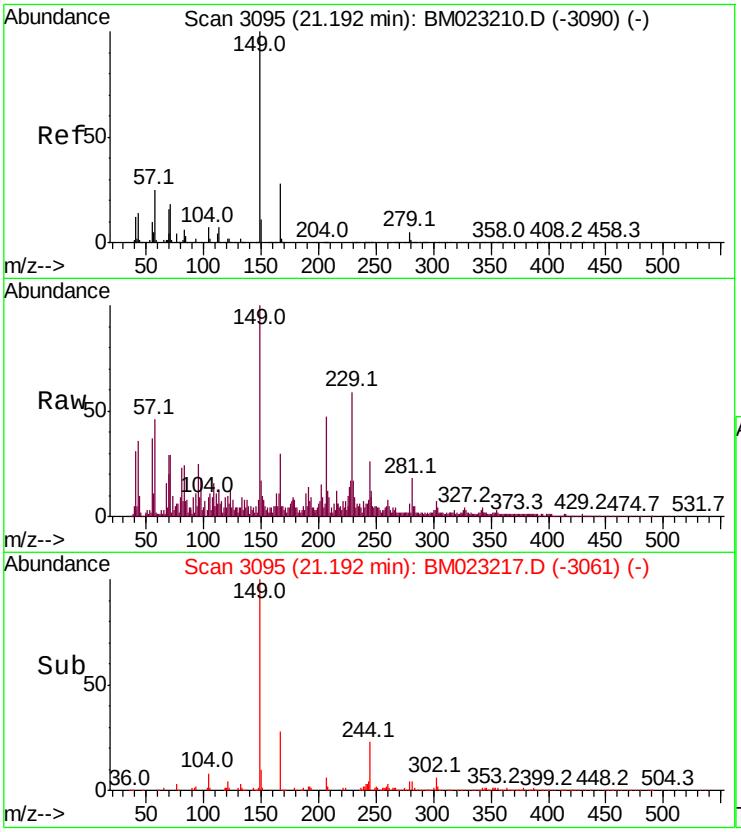


#83
Benzo(a)anthracene
Concen: 37.369 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.06 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:228 Resp: 4641221

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.7	23.5
226	30.5	21.6	32.4



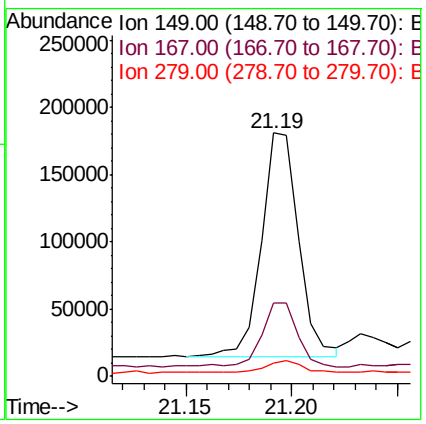


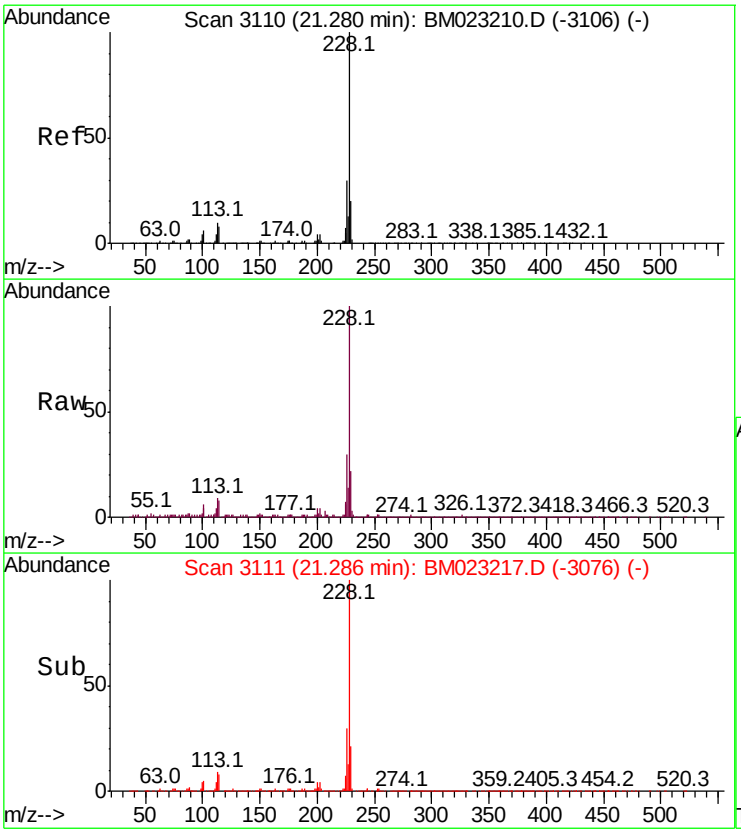
#84
Bis(2-ethylhexyl)phthalate
Concen: 3.170 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:149 Resp: 201343

Ion	Ratio	Lower	Upper
149	100		
167	30.3	22.5	33.7
279	5.5	4.0	6.0

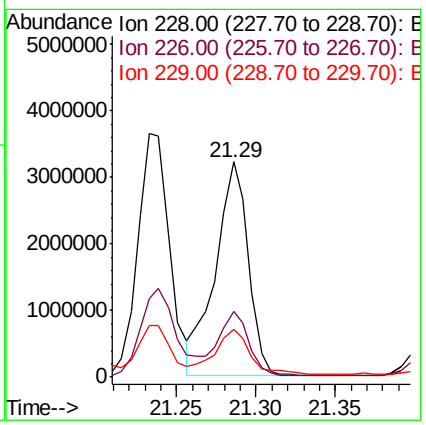


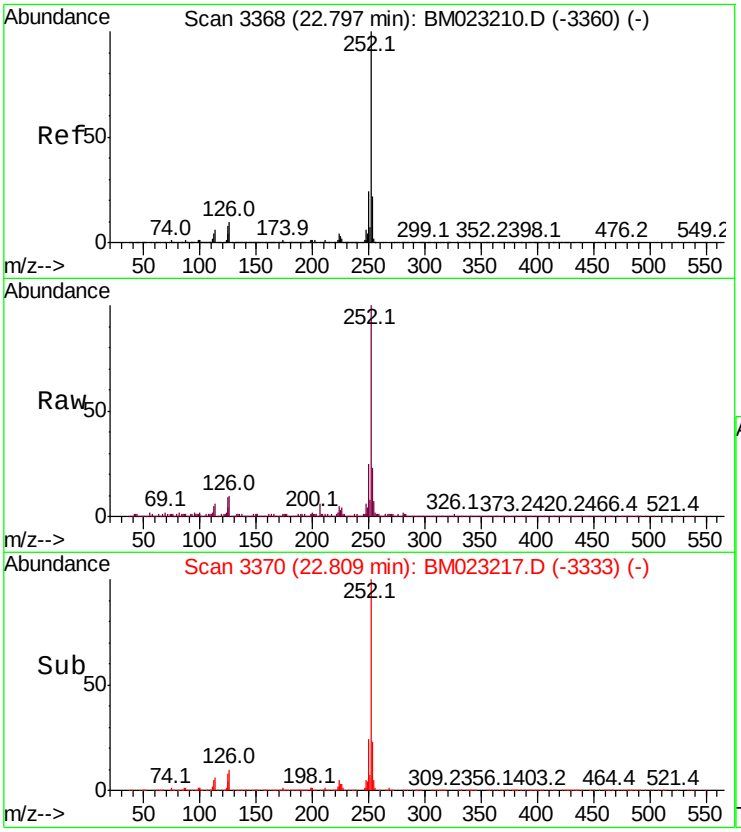


#85
Chrysene
Concen: 40.339 ng/ul
RT: 21.29 min Scan# 3111
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:228 Resp: 4652070

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	22.4	15.5	23.3



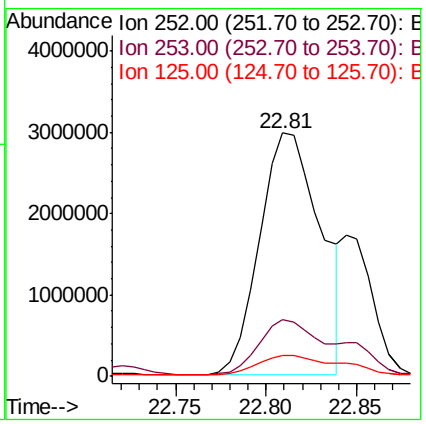


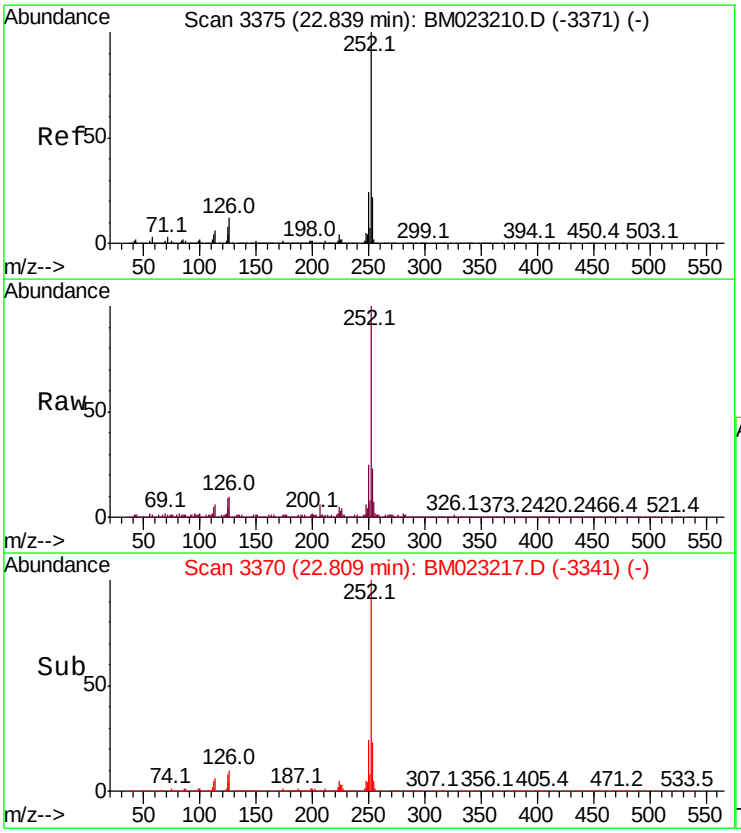
#88
Benzo(b)fluoranthene
Concen: 50.397 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. 0.02 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:252 Resp: 7002171

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.7	6.4	9.6

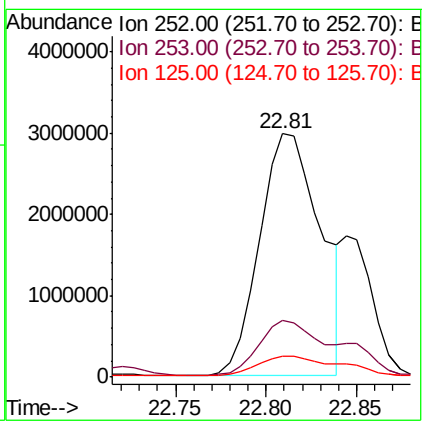


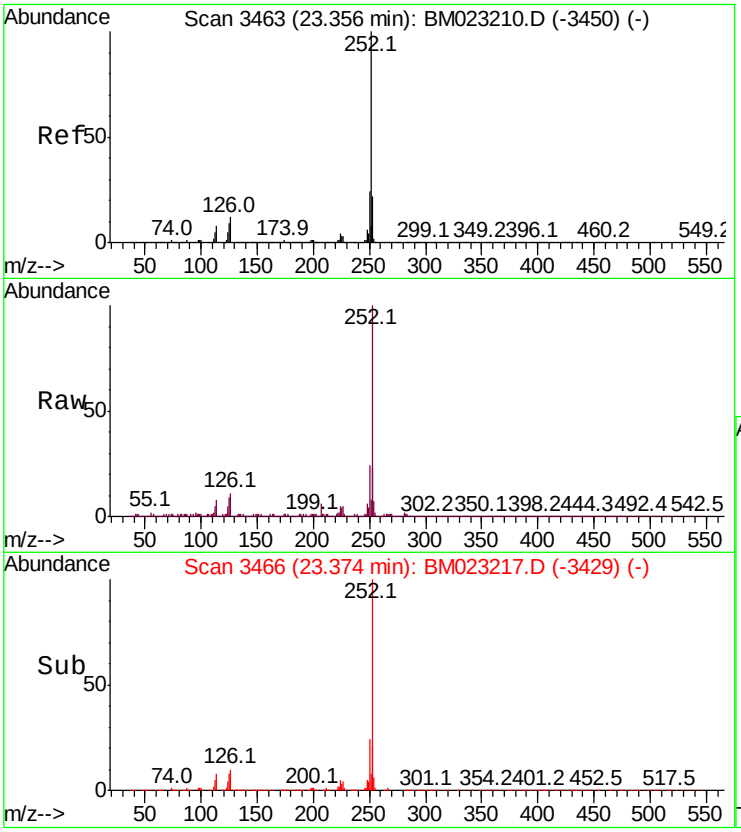


#89
Benzo(k)fluoranthene
Concen: 52.485 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.03 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:252 Resp: 7002171

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	8.7	6.5	9.7



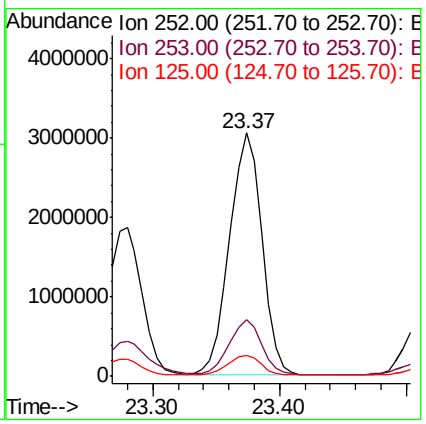


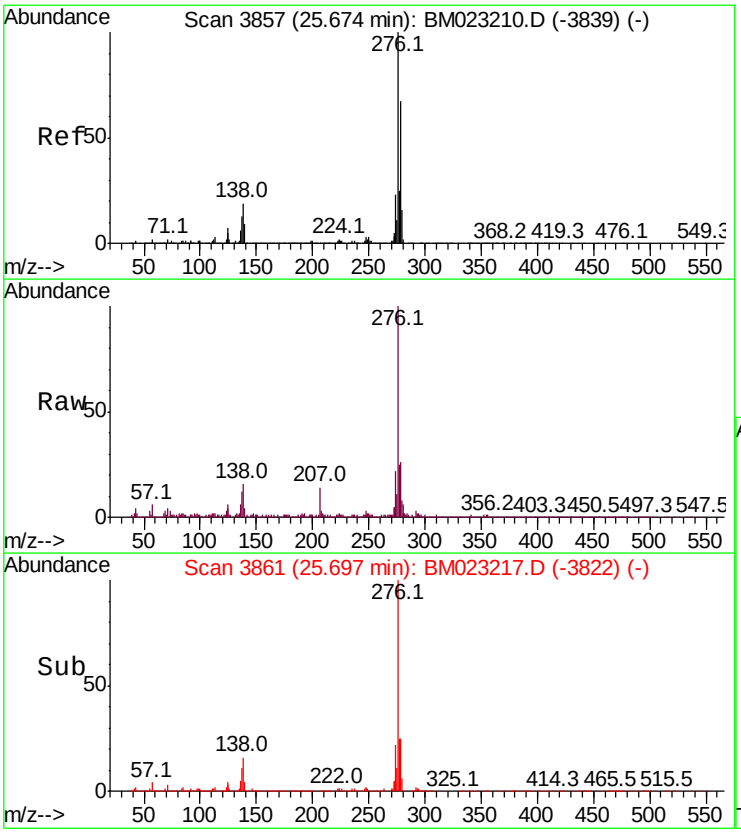
#91
Benzo(a)pyrene
Concen: 40.503 ng/ul
RT: 23.37 min Scan# 3466
Delta R.T. 0.02 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:252 Resp: 5399048

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	8.7	7.4	11.0

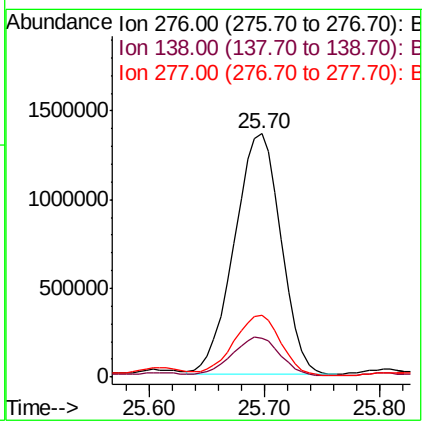


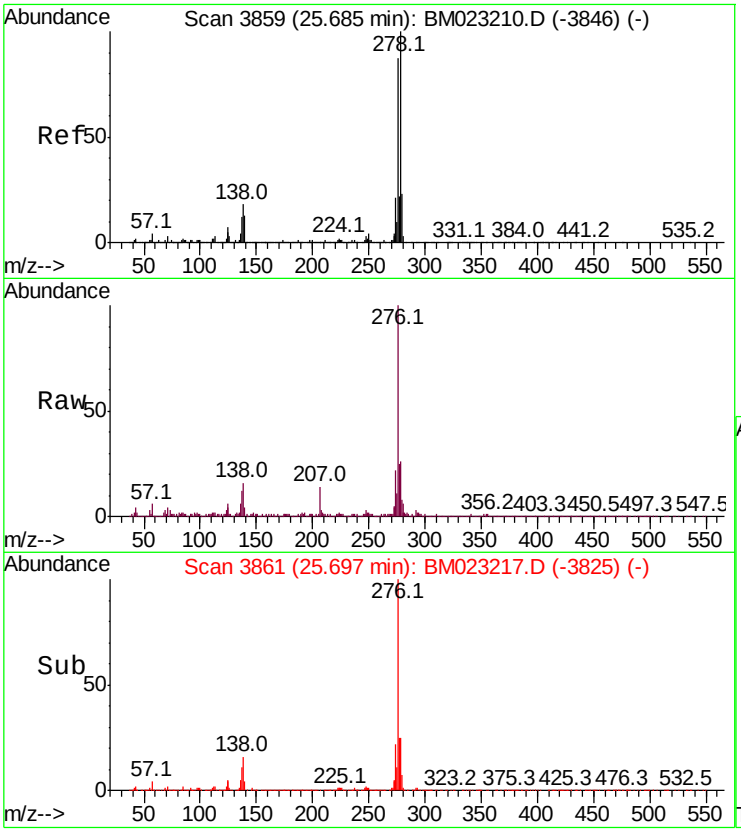


#92
Indeno(1,2,3-cd)pyrene
Concen: 24.091 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. 0.03 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:276 Resp: 3820247

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.9	22.3
277	25.4	19.8	29.8



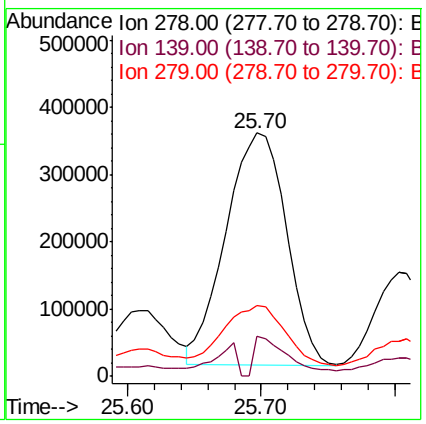


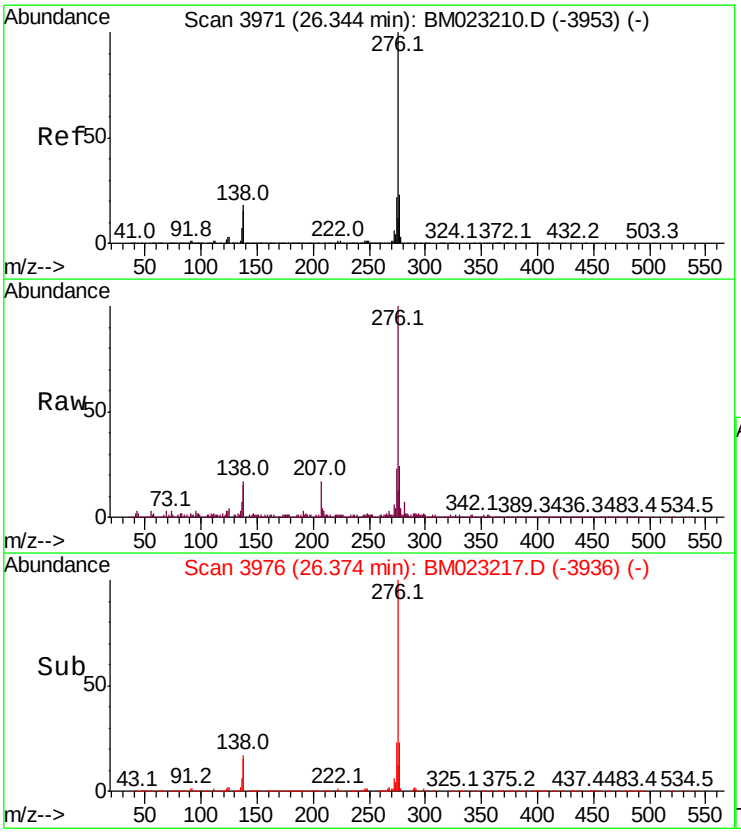
#93
Dibenzo(a,h)anthracene
Concen: 8.233 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. 0.01 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Instrument :
BNA_M
ClientSampleId :
BFB81

Tgt Ion:278 Resp: 1091683

Ion	Ratio	Lower	Upper
278	100		
139	16.2	10.0	15.0#
279	29.1	19.4	29.0#





#94
Benzo(g,h,i)perylene
Concen: 27.696 ng/ul
RT: 26.37 min Scan# 3976
Delta R.T. 0.04 min
Lab File: BM023217.D
Acq: 17 Oct 2019 12:14

Tgt Ion:276 Resp: 3616060

Ion	Ratio	Lower	Upper
276	100		
138	17.4	14.4	21.6
277	24.1	19.4	29.2