Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023139.D
Acq On : 11 Oct 2019 20:44
Operator : JU
Sample : K5124-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 22:49:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	163176	20.00	ng/ul	0.00
18) Naphthalene-d8	10.56	136	625117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.40	164	331551	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.14	188	634058	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	642529	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	781102	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	9174	2.43	ng/uL	0.00
5) Phenol-d5	6.94	99	149187	10.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	93776	11.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	137673	11.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	118440	10.03	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	63868	13.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	69148	13.13	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.18	165	121257	11.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	52359	4.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.82	166	330298	12.84	ng/ul	0.00
47) Acenaphthylene-d8	14.10	160	403071	13.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.62	143	24419	4.80	ng/ul	0.00
58) Fluorene-d10	15.40	176	283059	12.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.52	200	25941	6.29	ng/ul	0.00
71) Anthracene-d10	17.24	188	416249	13.44	ng/ul	0.00
79) Pyrene-d10	19.54	212	460451	13.31	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.44	264	538714	13.33	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.92	77	8627	1.320	ng/ul	93
6) Phenol	6.97	94	33056	2.187	ng/ul	98
16) 4-Methylphenol	8.53	108	34124	2.649	ng/ul	86
28) Naphthalene	10.60	128	55684	1.649	ng/ul	99
35) 1-Methylnaphthalene	12.44	142	27777	1.149	ng/ul#	99
45) Dimethylphthalate	13.86	163	112365	4.251	ng/ul	99
48) Acenaphthylene	14.13	152	177951	5.549	ng/ul	99
50) Acenaphthene	14.47	153	49364	2.209	ng/ul	100
54) Dibenzofuran	14.80	168	43191	1.354	ng/ul	98
59) Fluorene	15.45	166	55136	2.138	ng/ul#	98
70) Phenanthrene	17.19	178	1659690	43.859	ng/ul	99
72) Anthracene	17.28	178	192210	4.985	ng/ul	100
75) Carbazole	17.54	167	235004	6.858	ng/ul	99
77) Fluoranthene	19.21	202	2563603	60.235	ng/ul	100
80) Pyrene	19.57	202	2556338	56.125	ng/ul	100
81) Butylbenzylphthalate	20.47	149	22470	1.200	ng/ul#	85
83) Benzo(a)anthracene	21.32	228	1024056	22.199	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.25	149	42052	1.580	ng/ul#	95
85) Chrysene	21.37	228	1286933	30.258	ng/ul	97
88) Benzo(b)fluoranthene	22.92	252	1937481	37.377	ng/ul#	92
89) Benzo(k)fluoranthene	22.92	252	1937481	39.069	ng/ul#	91
91) Benzo(a)pyrene	23.49	252	1471673	30.262	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.87	276	1041191	20.157	ng/ul	95

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023139.D
Acq On : 11 Oct 2019 20:44
Operator : JU
Sample : K5124-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 11 22:49:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) Dibenzo(a,h)anthracene	25.88	278	228857	5.296	ng/ul#	86
94) Benzo(g,h,i)perylene	26.59	276	1027430	24.654	ng/ul	98

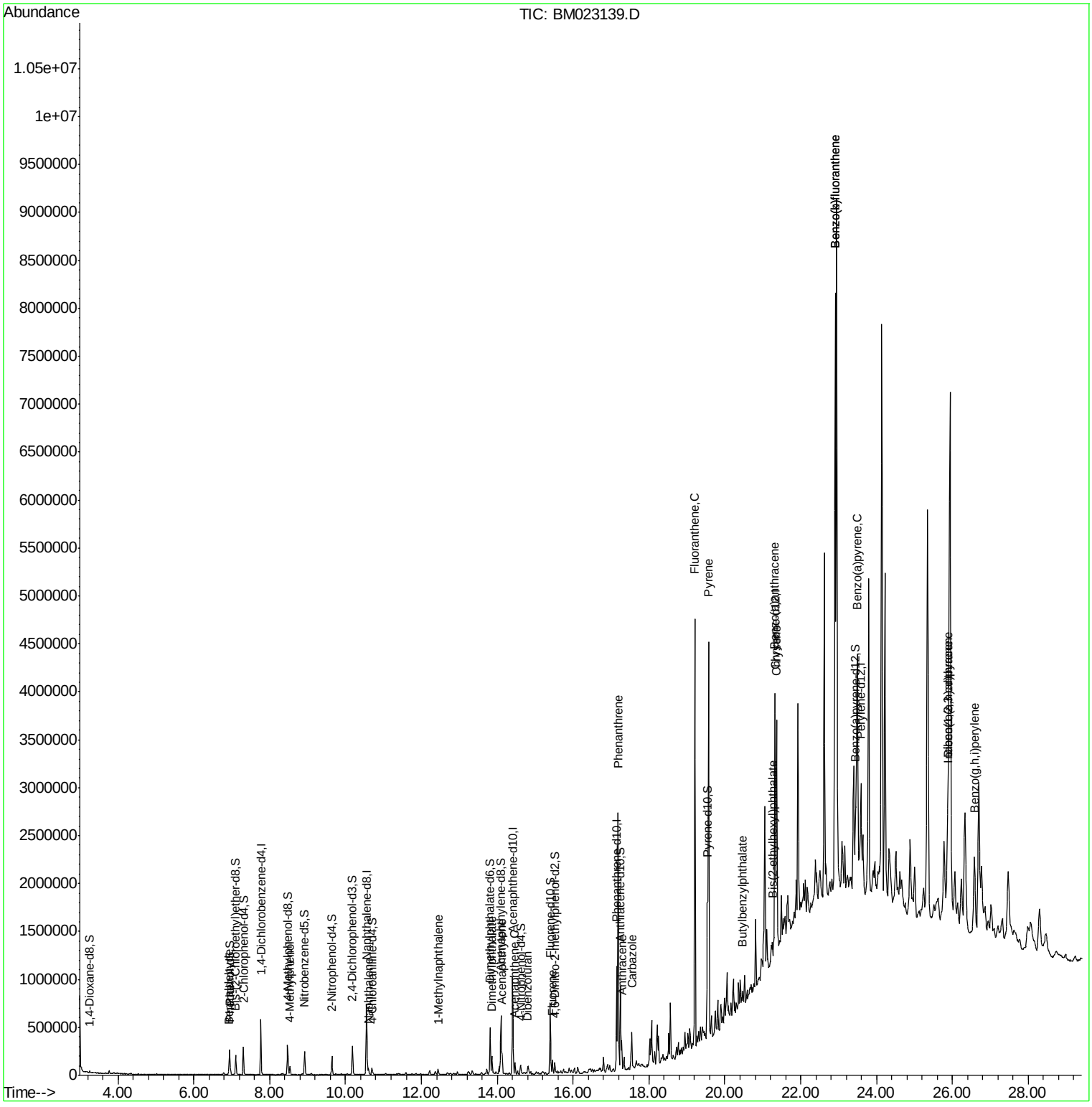
(#) = qualifier out of range (m) = manual integration (+) = signals summed

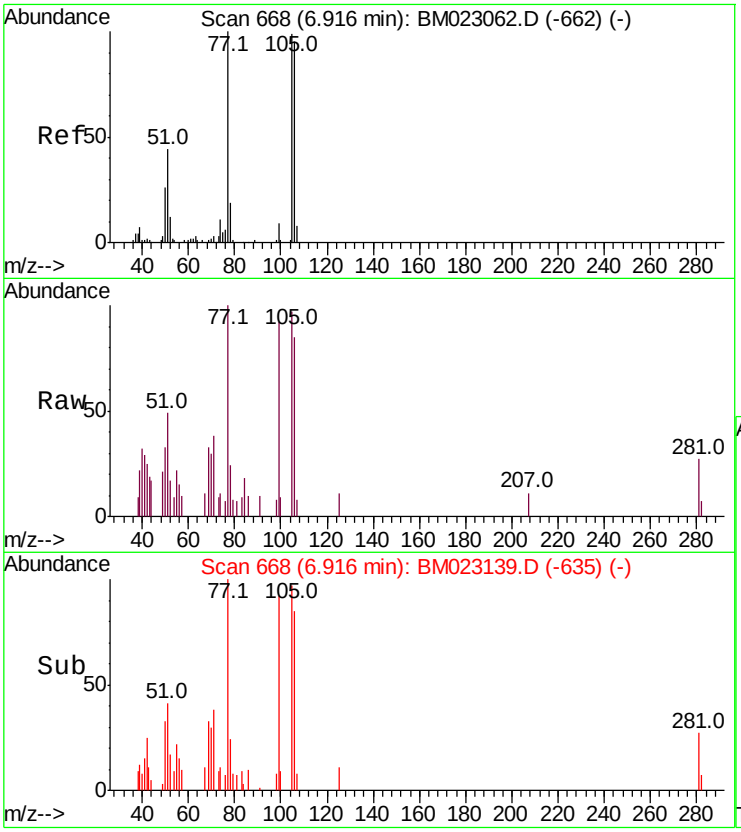
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101119\
Data File : BM023139.D
Acq On : 11 Oct 2019 20:44
Operator : JU
Sample : K5124-02DL 2X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 11 22:49:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 15:02:34 2019
Response via : Initial Calibration



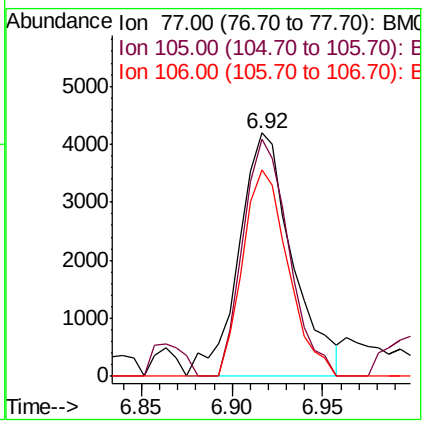


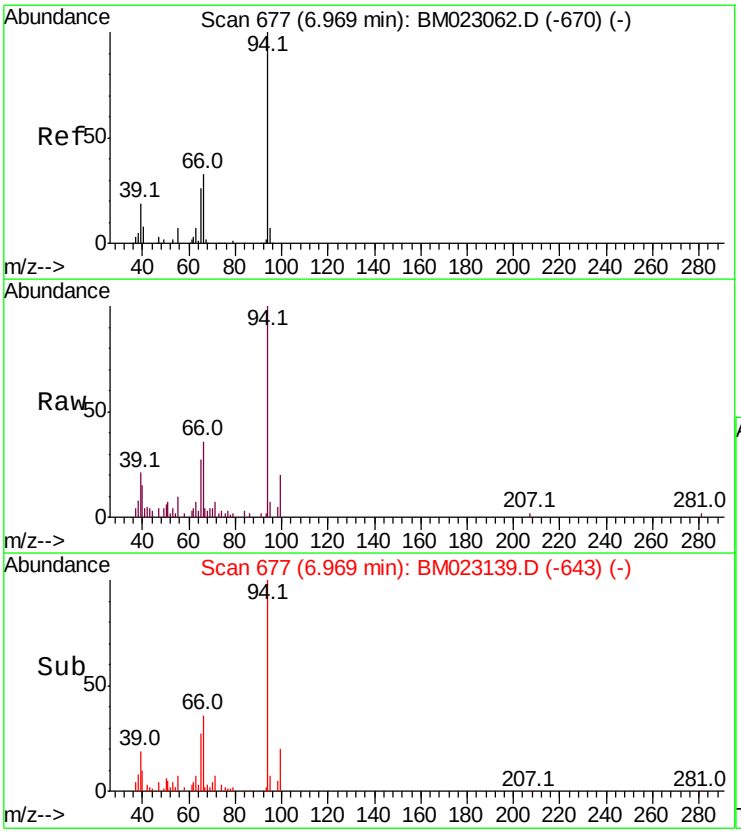
#4
Benzaldehyde
Concen: 1.320 ng/ul
RT: 6.92 min Scan# 668
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 77 Resp: 8627

Ion	Ratio	Lower	Upper
77	100		
105	97.4	80.6	120.8
106	84.9	77.0	115.6

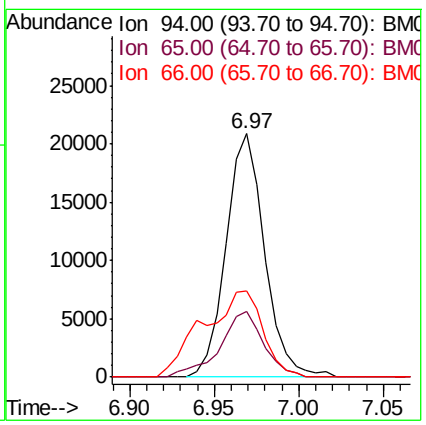


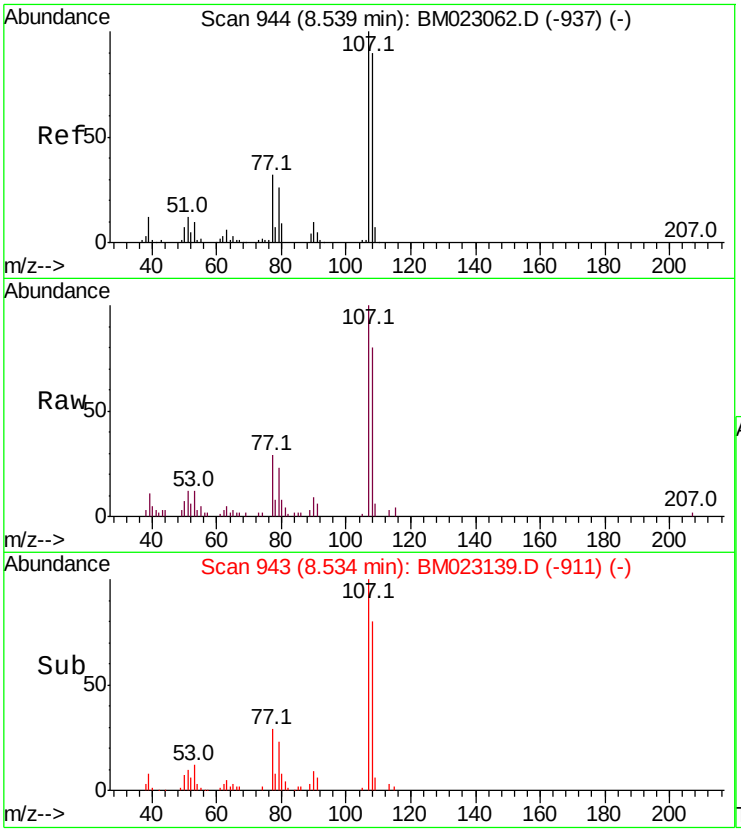


#6
Phenol
Concen: 2.187 ng/ul
RT: 6.97 min Scan# 677
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion: 94 Resp: 33056

Ion	Ratio	Lower	Upper
94	100		
65	26.8	20.9	31.3
66	35.7	27.2	40.8



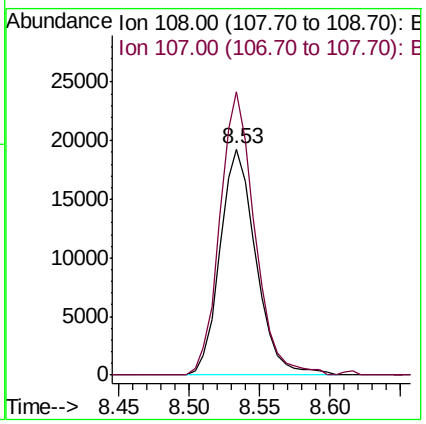


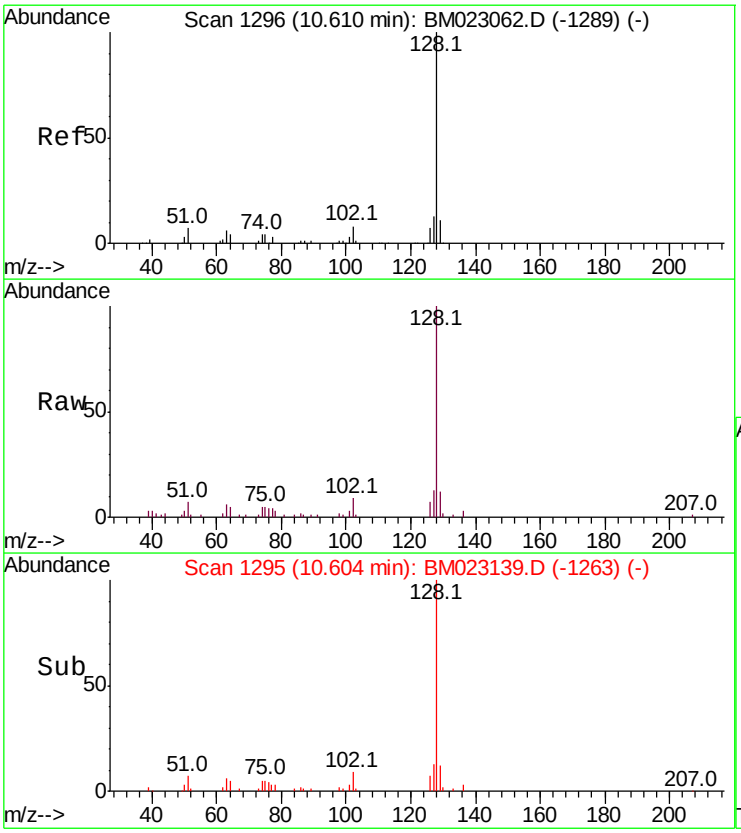
#16
4-Methylphenol
Concen: 2.649 ng/ul
RT: 8.53 min Scan# 943
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:108 Resp: 34124

Ion	Ratio	Lower	Upper
108	100		
107	125.2	87.9	131.9

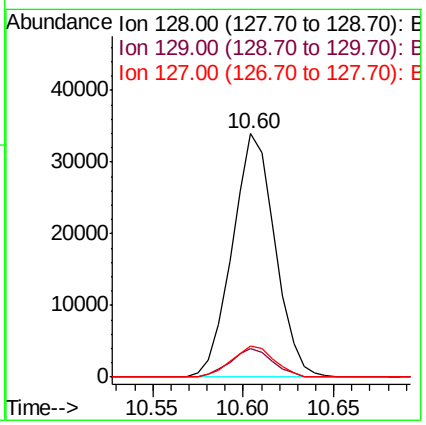


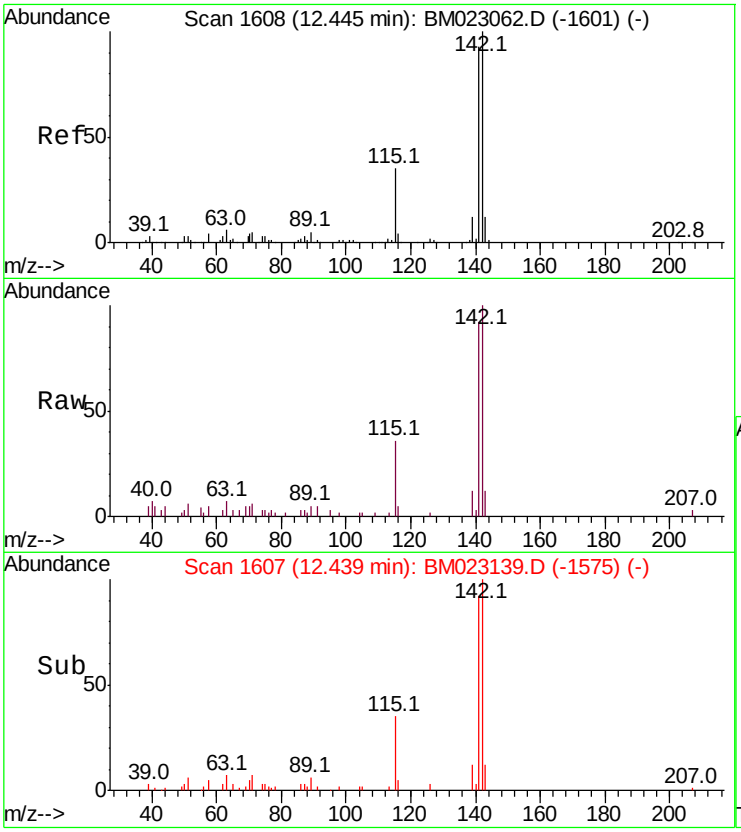


#28
Naphthalene
Concen: 1.649 ng/ul
RT: 10.60 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:128 Resp: 55684

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	12.9	10.2	15.4



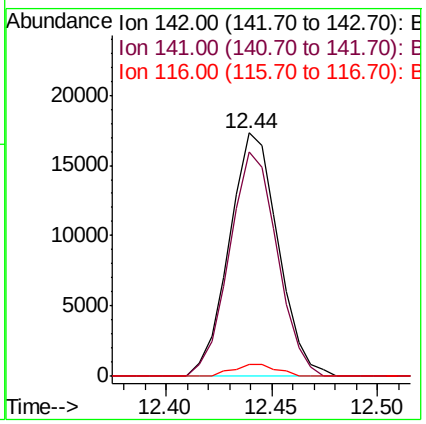


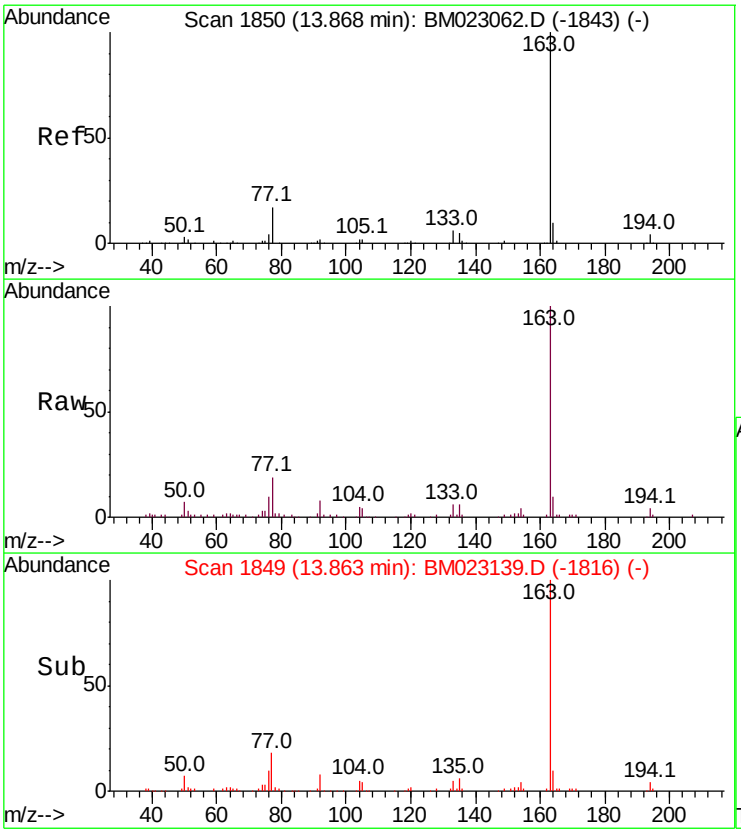
#35
1-Methylnaphthalene
Concen: 1.149 ng/ul
RT: 12.44 min Scan# 1607
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:142 Resp: 27777

Ion	Ratio	Lower	Upper
142	100		
141	92.1	73.0	109.6
116	4.7	2.9	4.3#

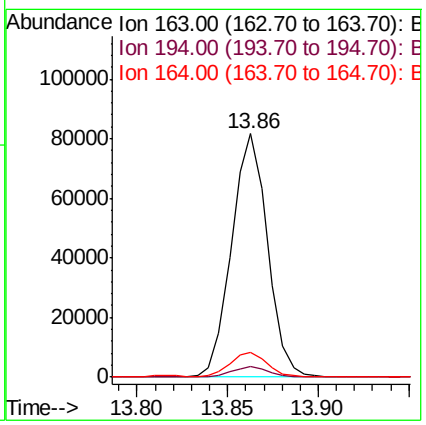


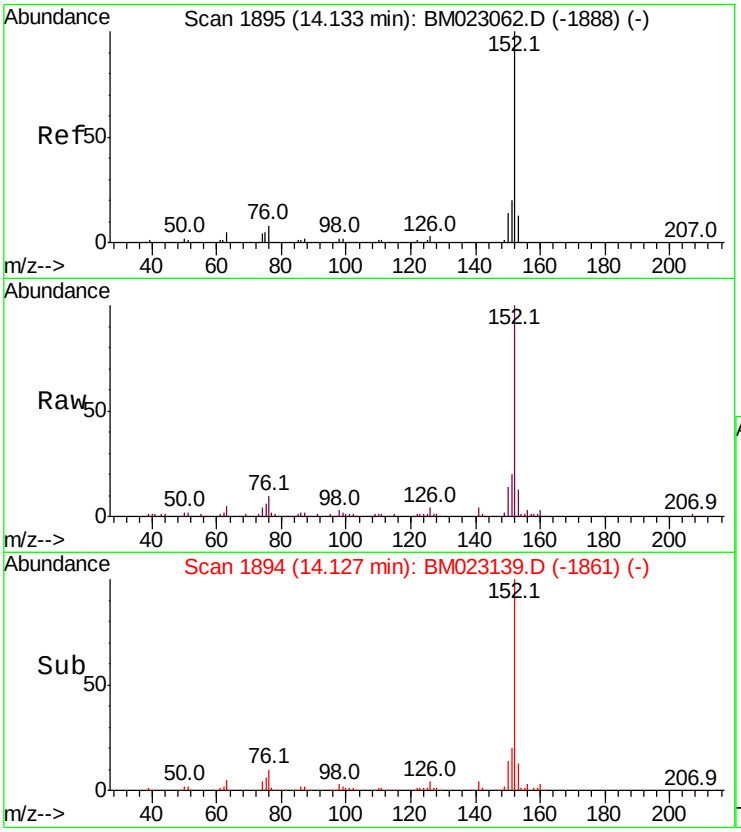


#45
Dimethylphthalate
Concen: 4.251 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:163 Resp: 112365

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.0
164	10.3	8.1	12.1



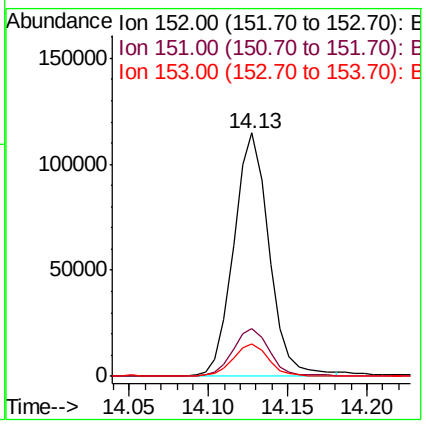


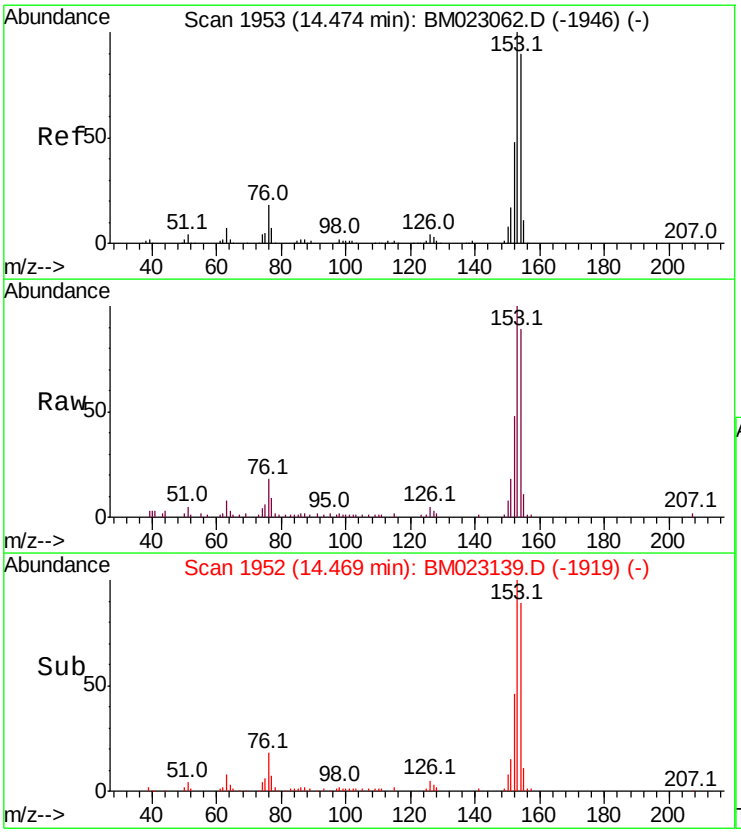
#48
Acenaphthylene
Concen: 5.549 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 177951

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.0	24.0
153	13.1	10.6	16.0

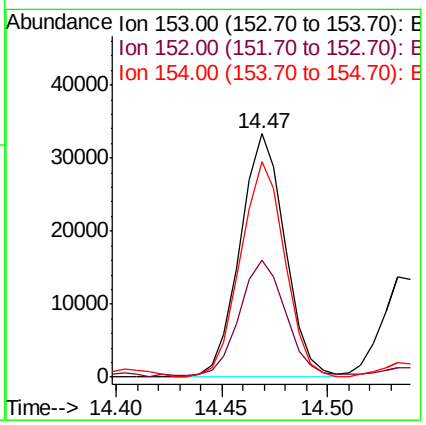


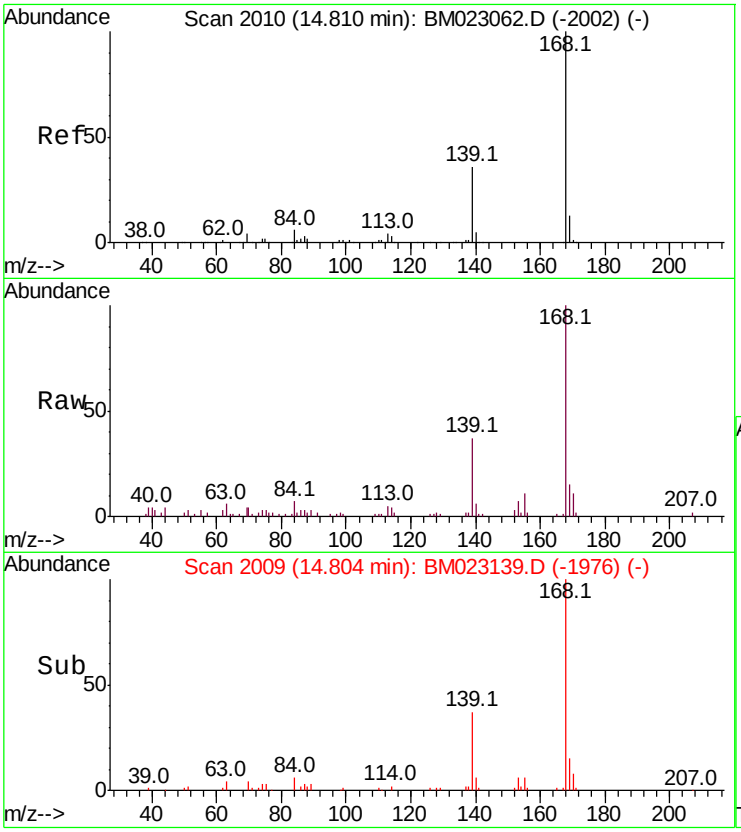


#50
Acenaphthene
Concen: 2.209 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:153 Resp: 49364

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.1	57.1
154	88.6	71.1	106.7



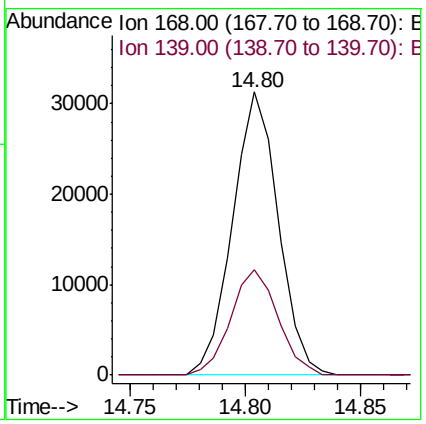


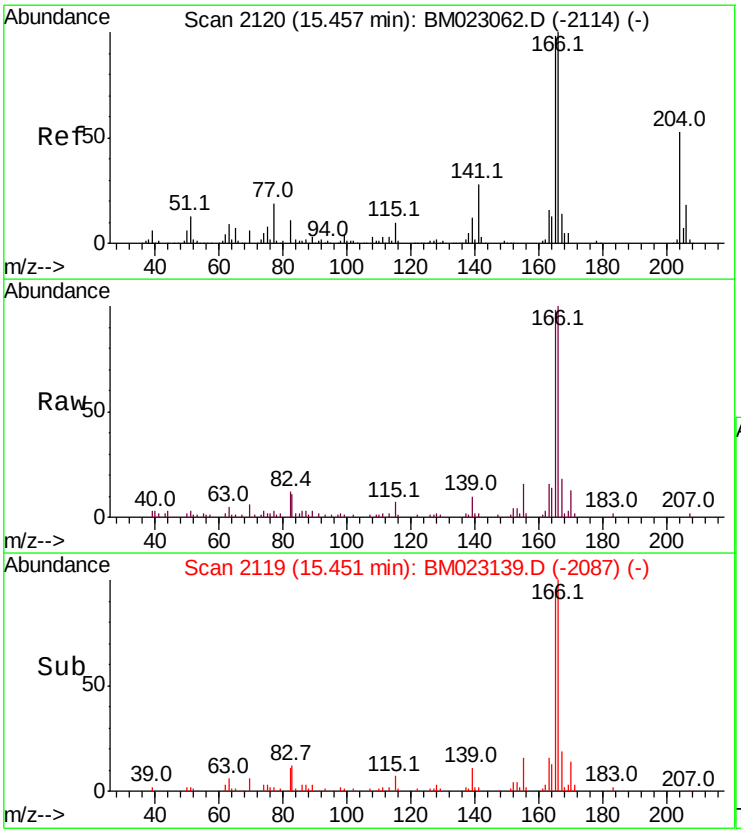
#54
Dibenzofuran
Concen: 1.354 ng/ul
RT: 14.80 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:168 Resp: 43191

Ion	Ratio	Lower	Upper
168	100		
139	37.3	29.0	43.4

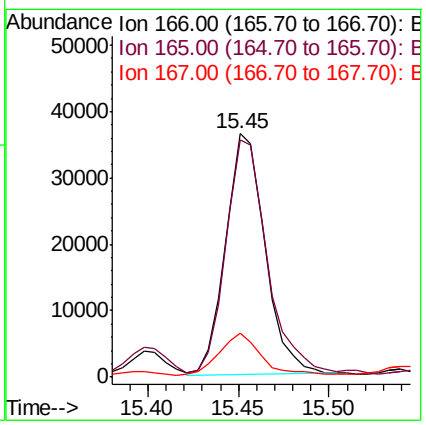


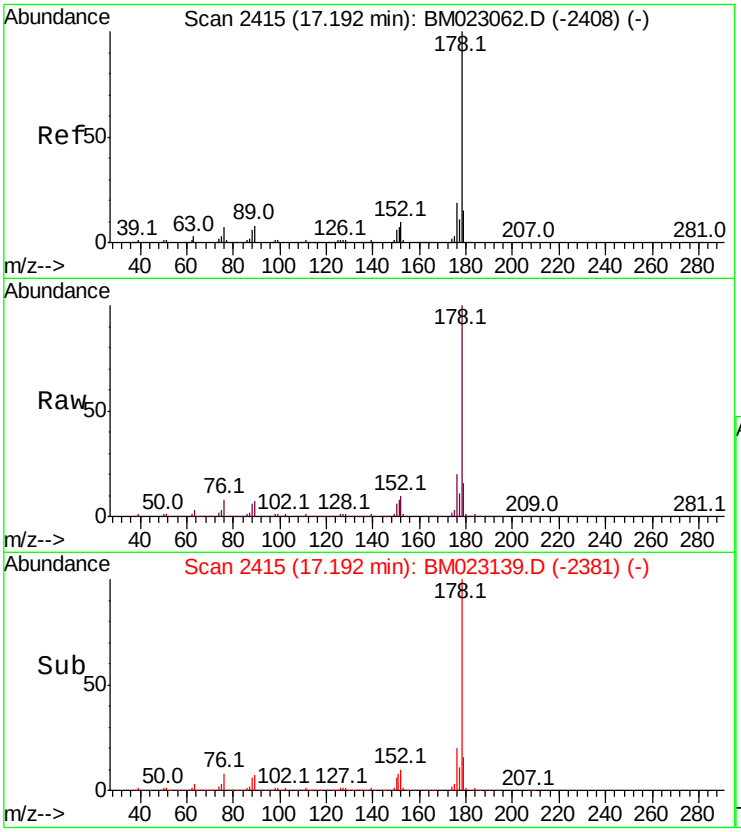


#59
Fluorene
Concen: 2.138 ng/ul
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:166 Resp: 55136

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.7	116.5
167	17.9	11.0	16.4#



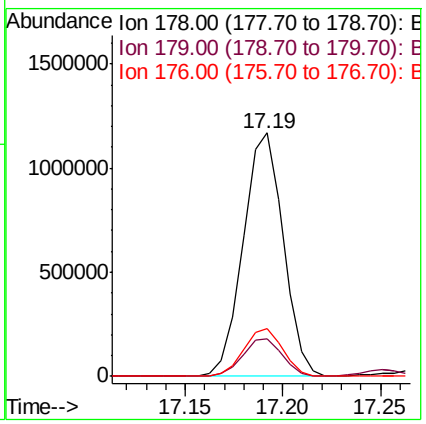


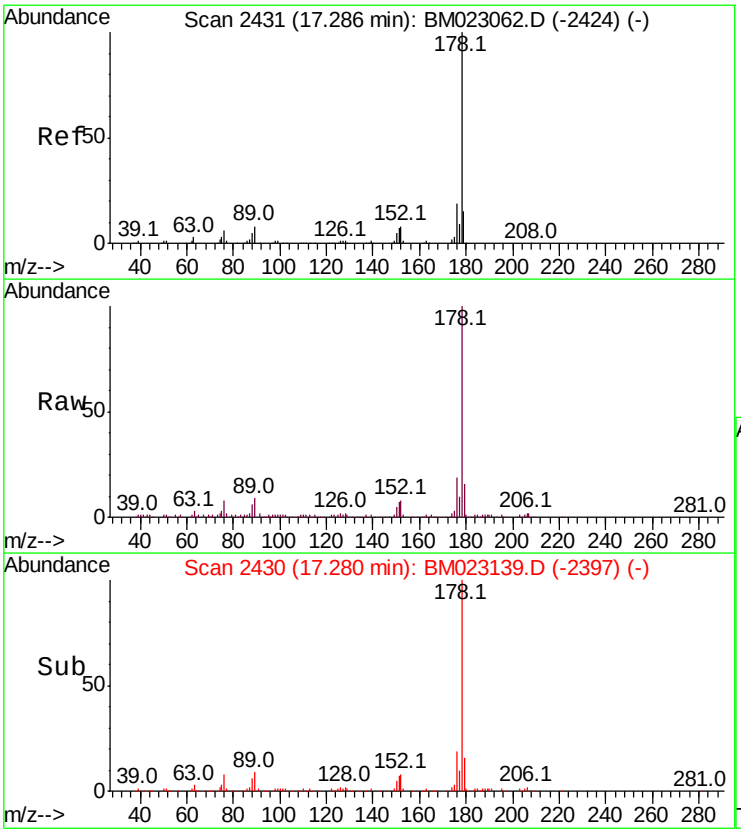
#70
Phenanthrene
Concen: 43.859 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1659690

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.4	18.6
176	19.7	15.3	22.9

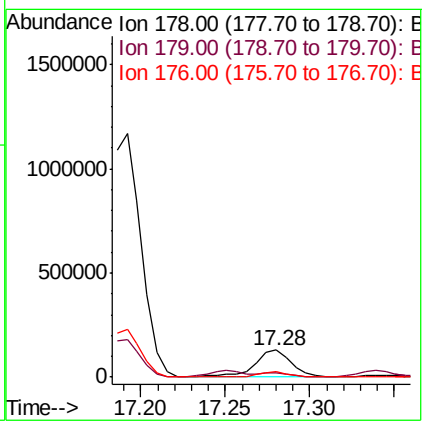


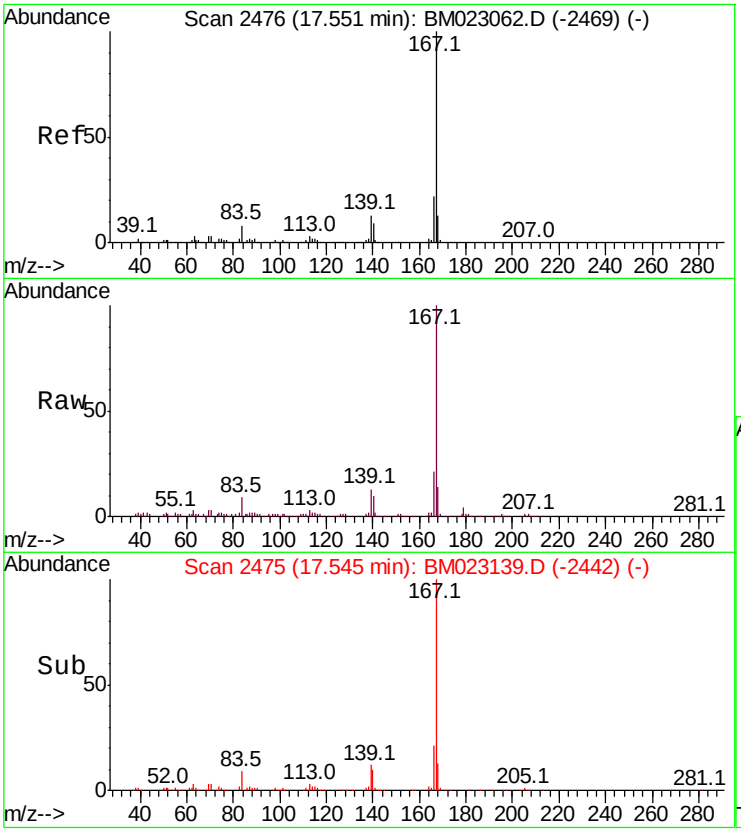


#72
Anthracene
Concen: 4.985 ng/ul
RT: 17.28 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:178 Resp: 192210

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.4	18.6
176	18.8	15.0	22.6



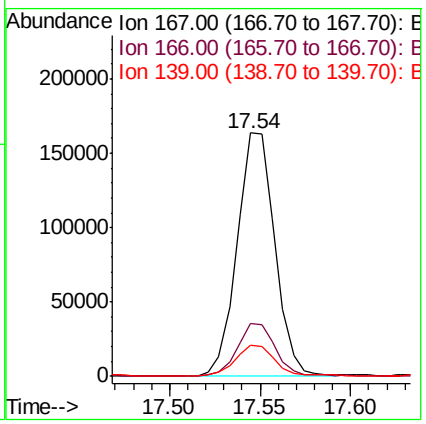


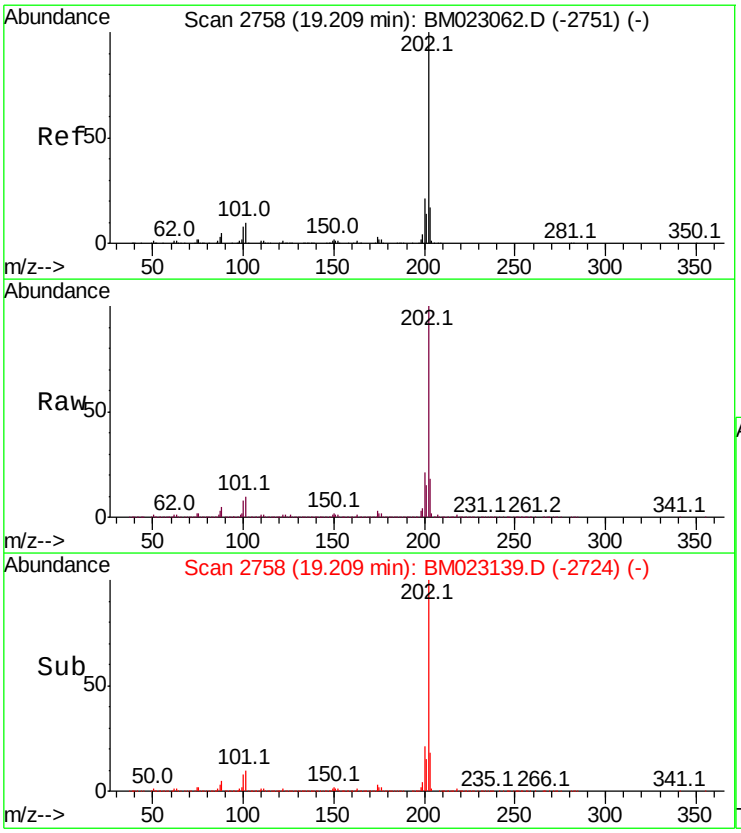
#75
Carbazole
Concen: 6.858 ng/ul
RT: 17.54 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:167 Resp: 235004

Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.9	9.9	14.9

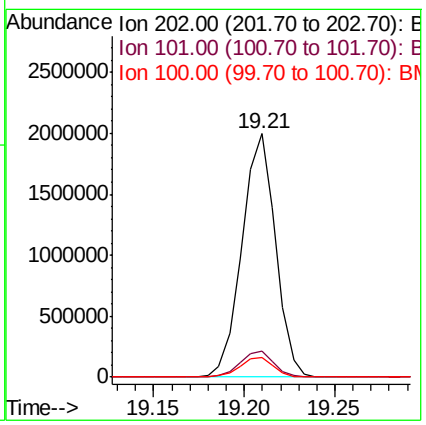


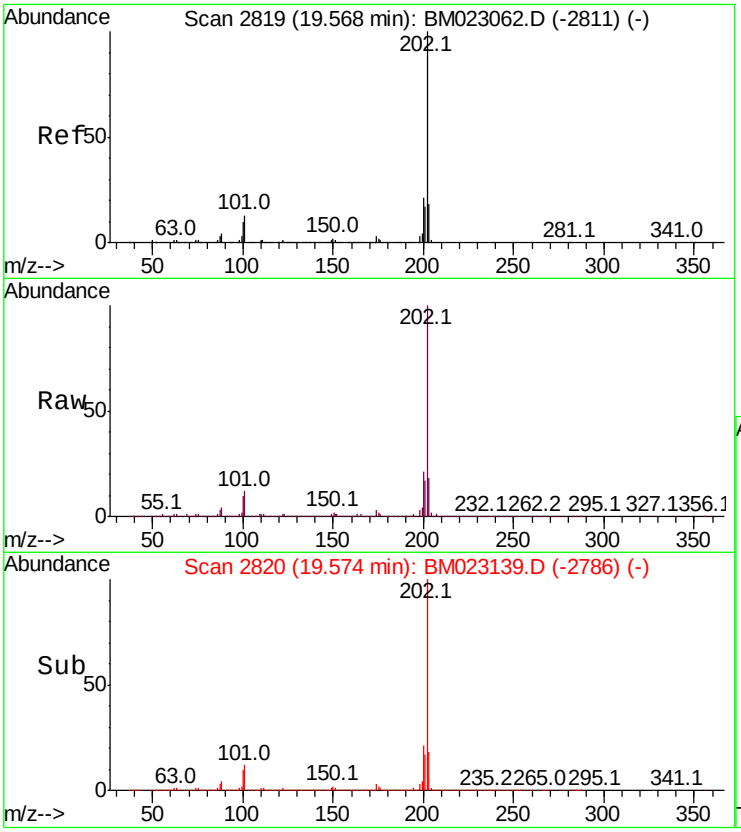


#77
Fluoranthene
Concen: 60.235 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:202 Resp: 2563603

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.6	12.8
100	8.0	6.4	9.6



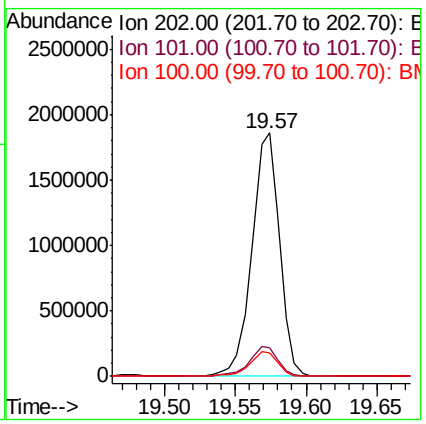


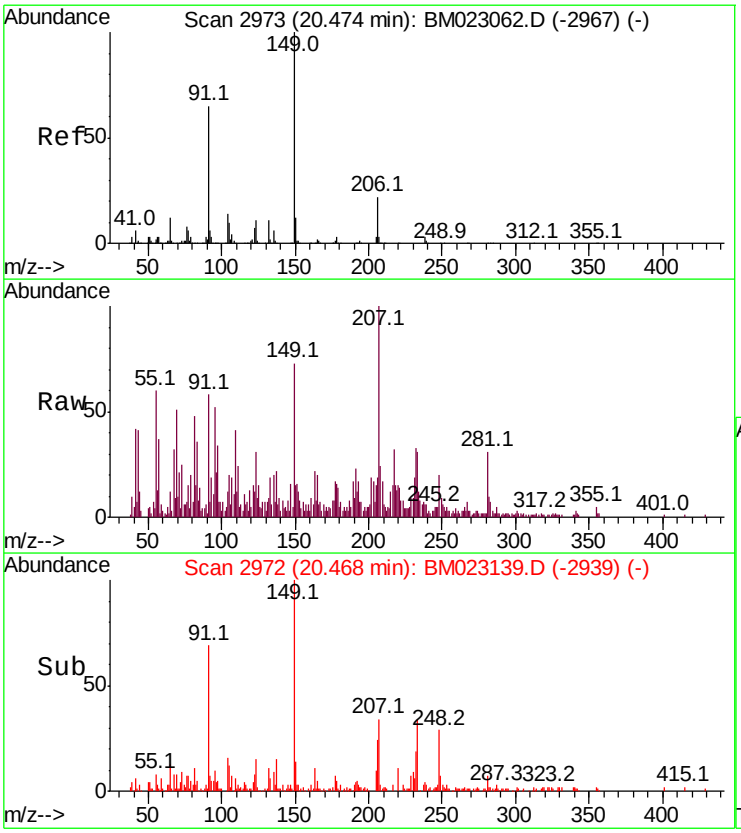
#80
Pyrene
Concen: 56.125 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2556338

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.7	14.5
100	9.8	7.8	11.8

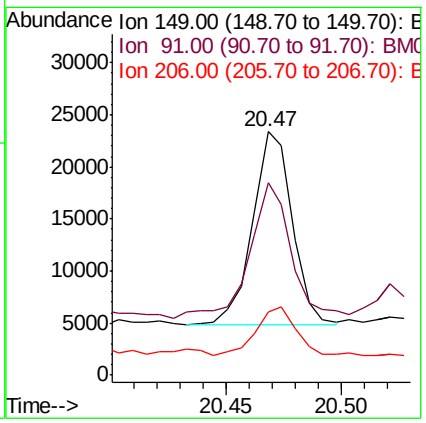


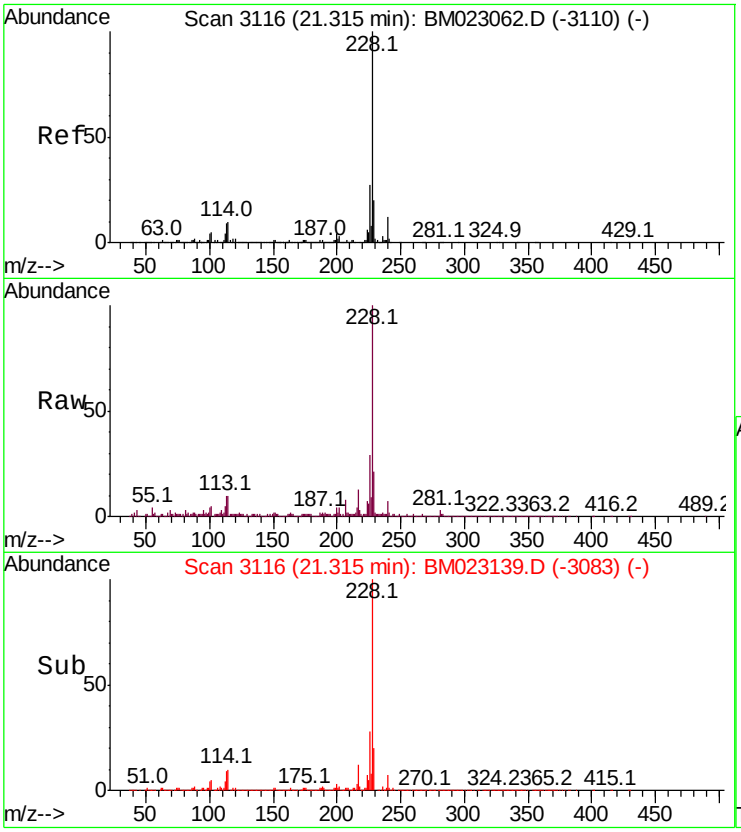


#81
Butylbenzylphthalate
Concen: 1.200 ng/ul
RT: 20.47 min Scan# 2972
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:149 Resp: 22470

Ion	Ratio	Lower	Upper
149	100		
91	79.1	52.6	78.8#
206	26.2	17.7	26.5



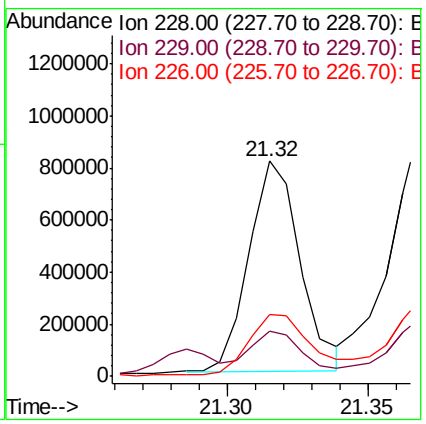


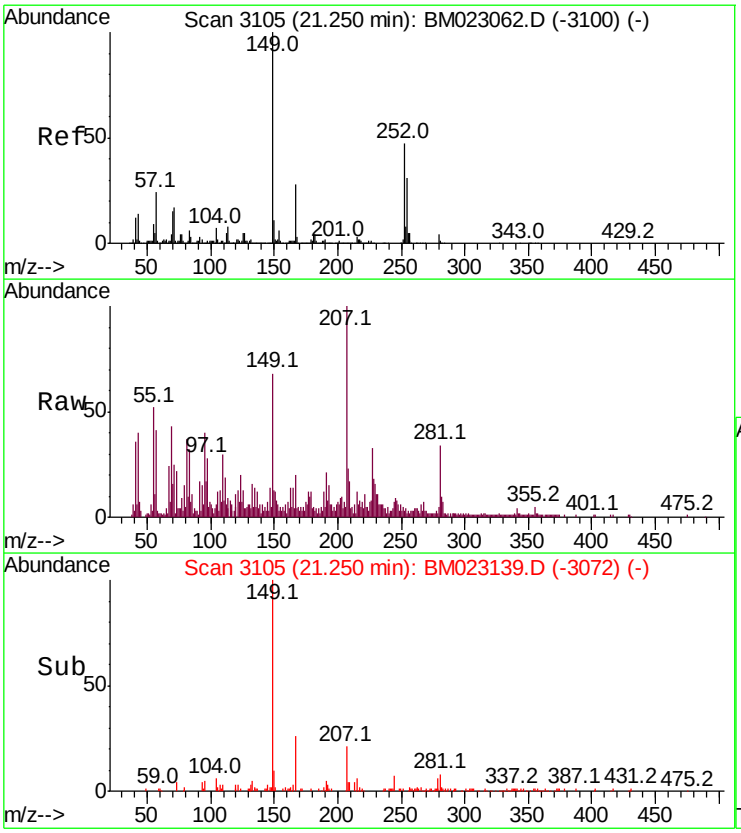
#83
Benzo(a)anthracene
Concen: 22.199 ng/ul
RT: 21.32 min Scan# 3116
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1024056

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.8	23.8
226	28.9	22.4	33.6

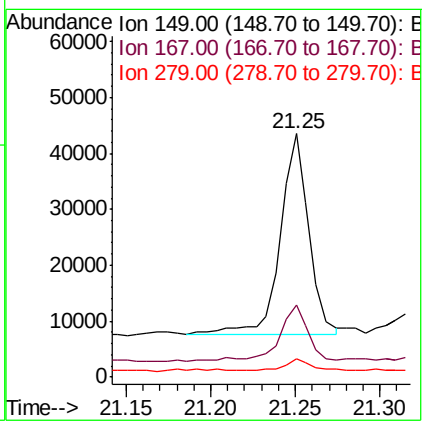


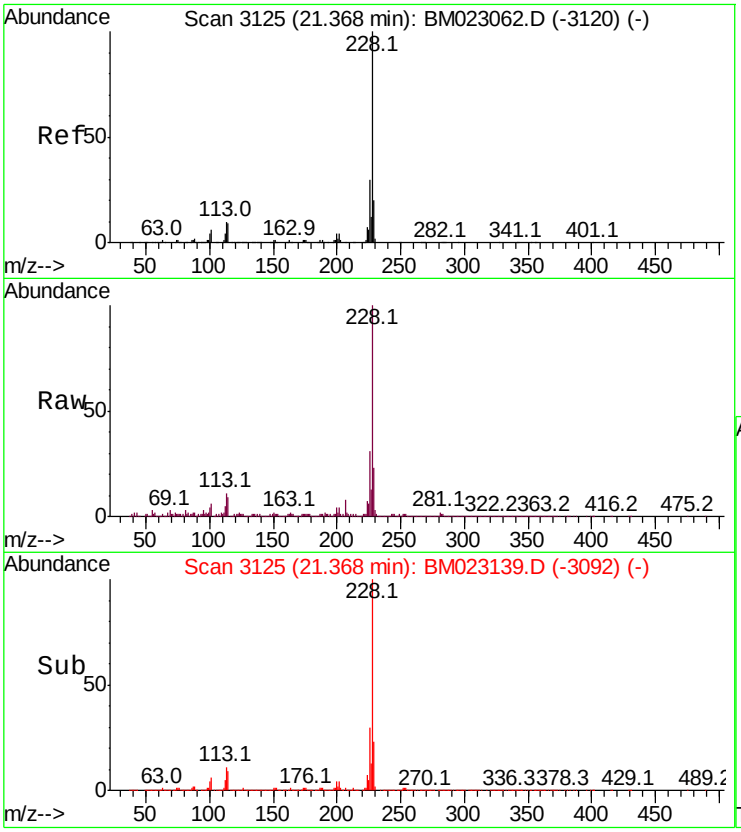


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.580 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:149 Resp: 42052

Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.1	33.1
279	7.4	3.3	4.9#



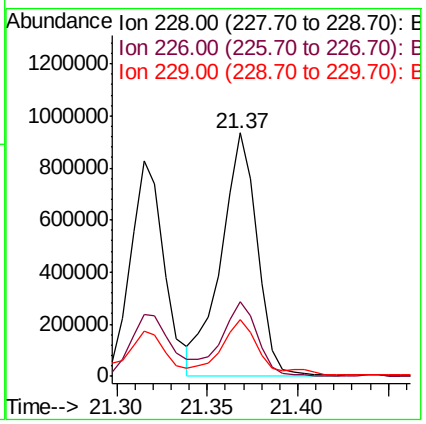


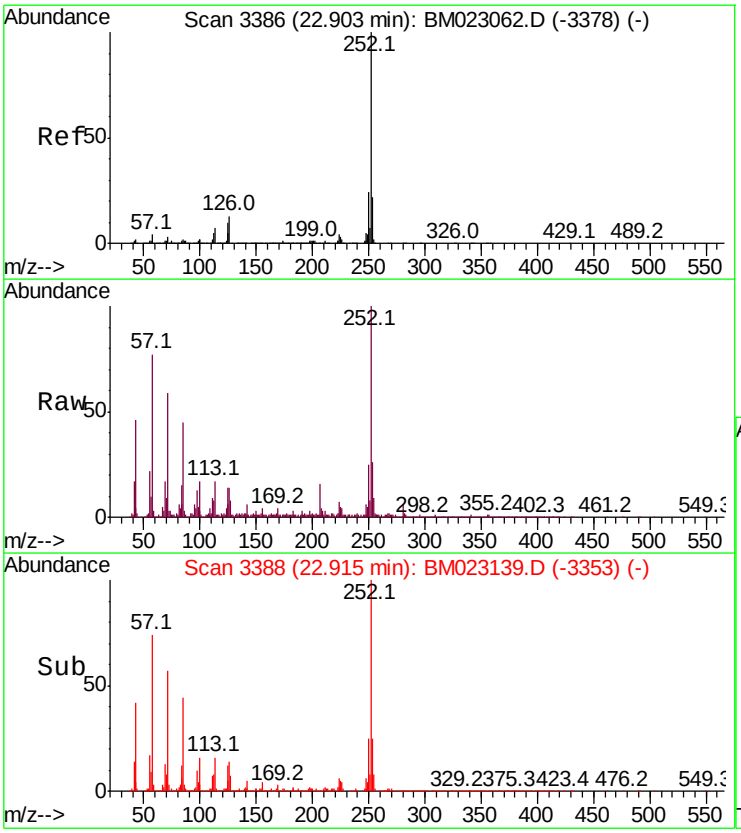
#85
Chrysene
Concen: 30.258 ng/ul
RT: 21.37 min Scan# 3125
Delta R.T. -0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1286933

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.2	36.4
229	23.2	15.9	23.9

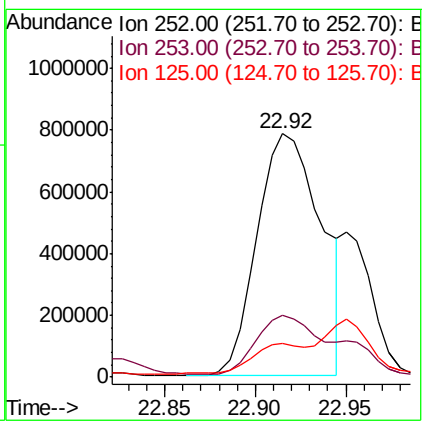


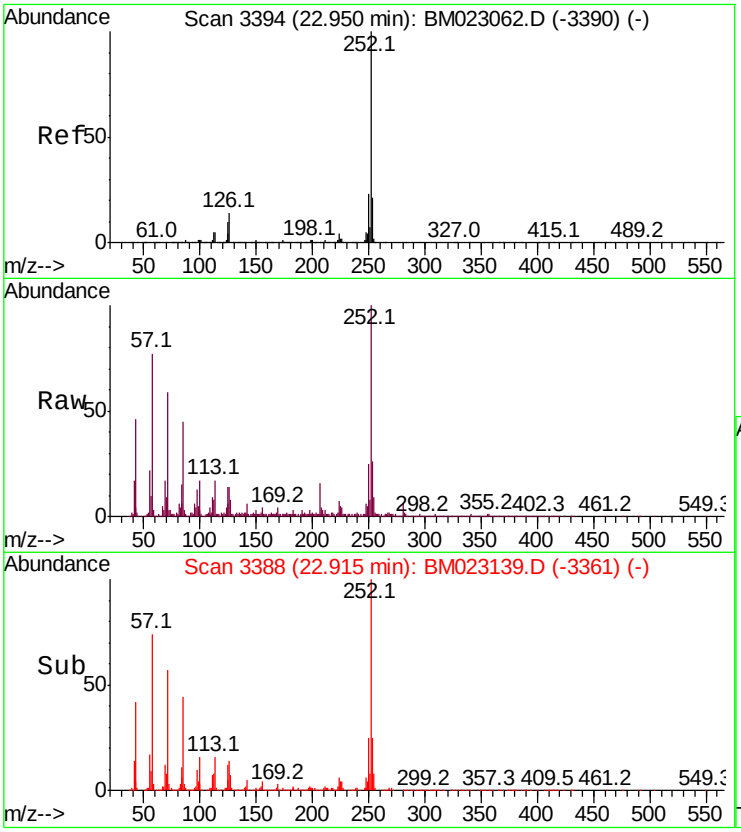


#88
Benzo(b)fluoranthene
Concen: 37.377 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. 0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:252 Resp: 1937481

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.7	26.5
125	13.7	8.2	12.2#



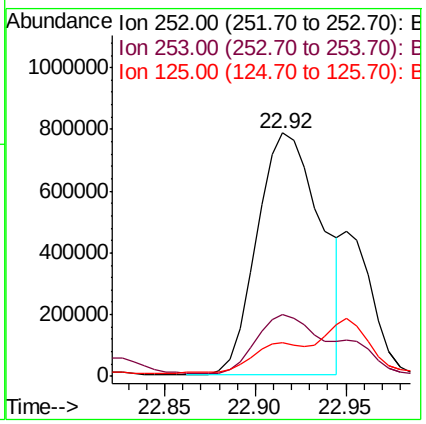


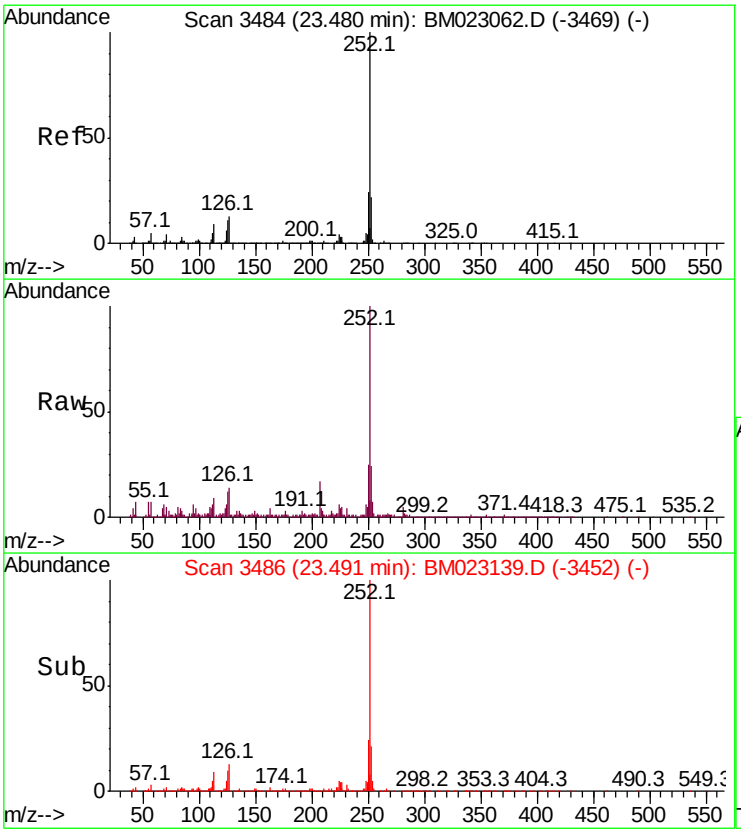
#89
Benzo(k)fluoranthene
Concen: 39.069 ng/ul
RT: 22.92 min Scan# 3388
Delta R.T. -0.04 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1937481

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.5	26.3
125	13.7	7.9	11.9#

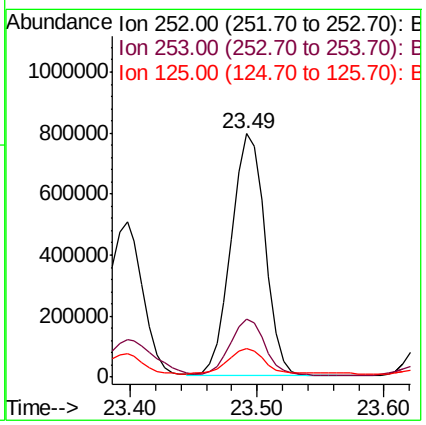


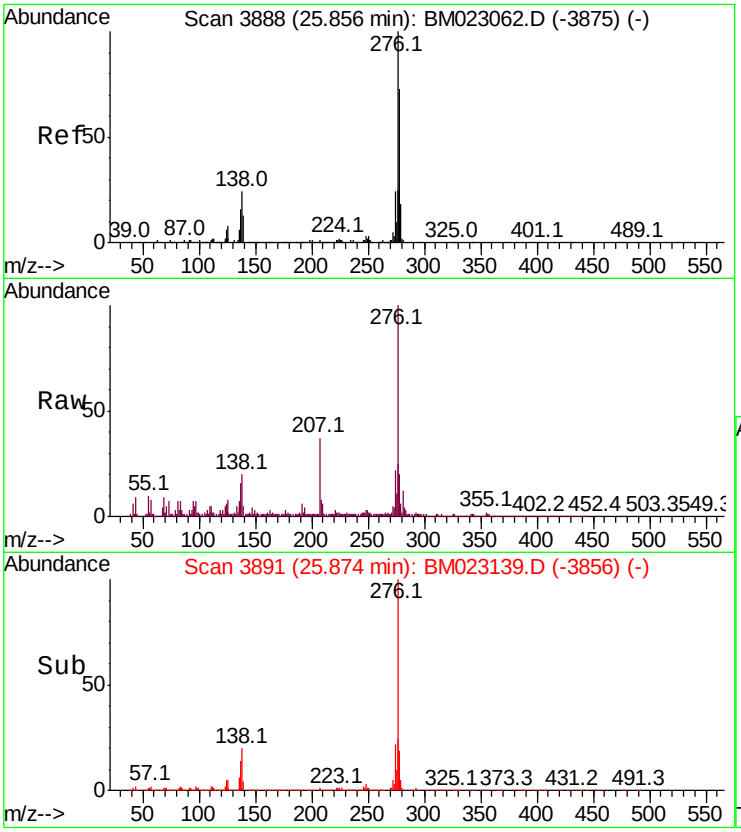


#91
Benzo(a)pyrene
Concen: 30.262 ng/ul
RT: 23.49 min Scan# 3486
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:252 Resp: 1471673

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.6	26.4
125	11.6	8.7	13.1



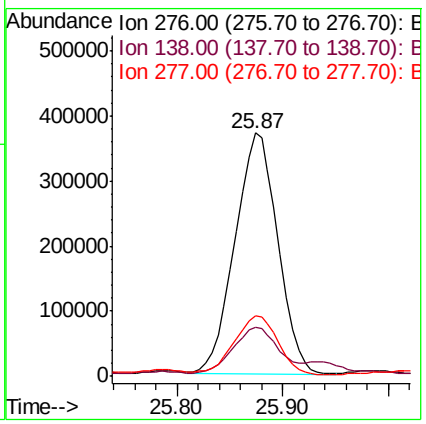


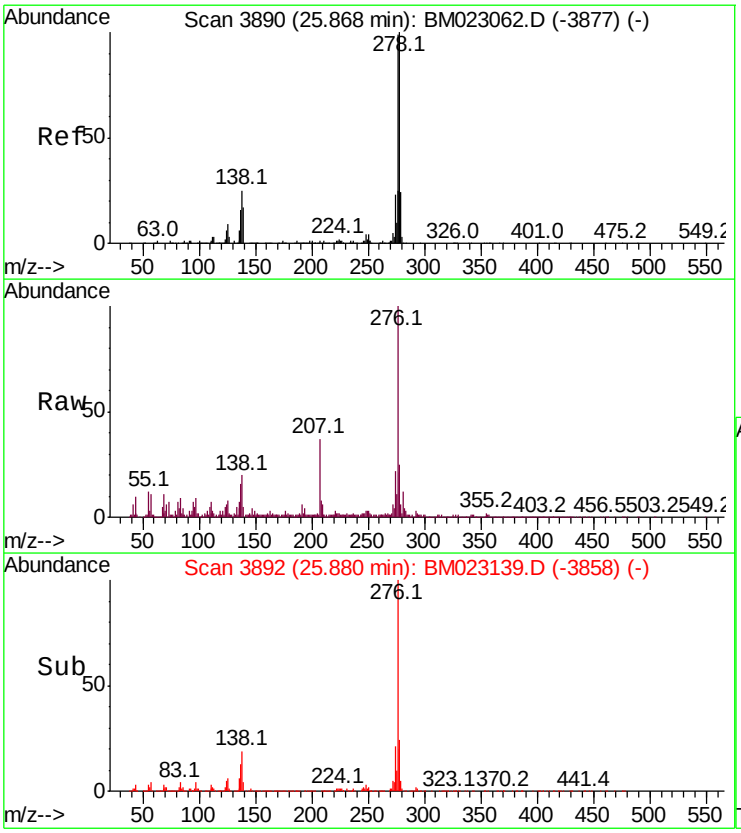
#92
Indeno(1,2,3-cd)pyrene
Concen: 20.157 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. 0.01 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1041191

Ion	Ratio	Lower	Upper
276	100		
138	20.3	19.8	29.8
277	25.1	20.3	30.5

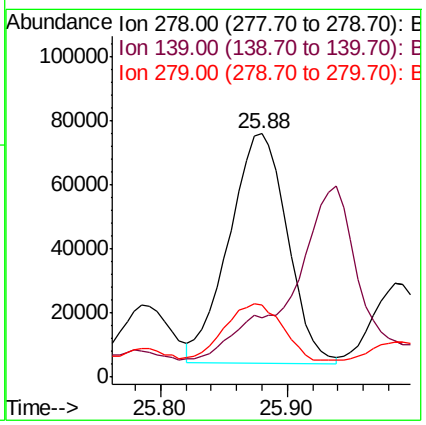


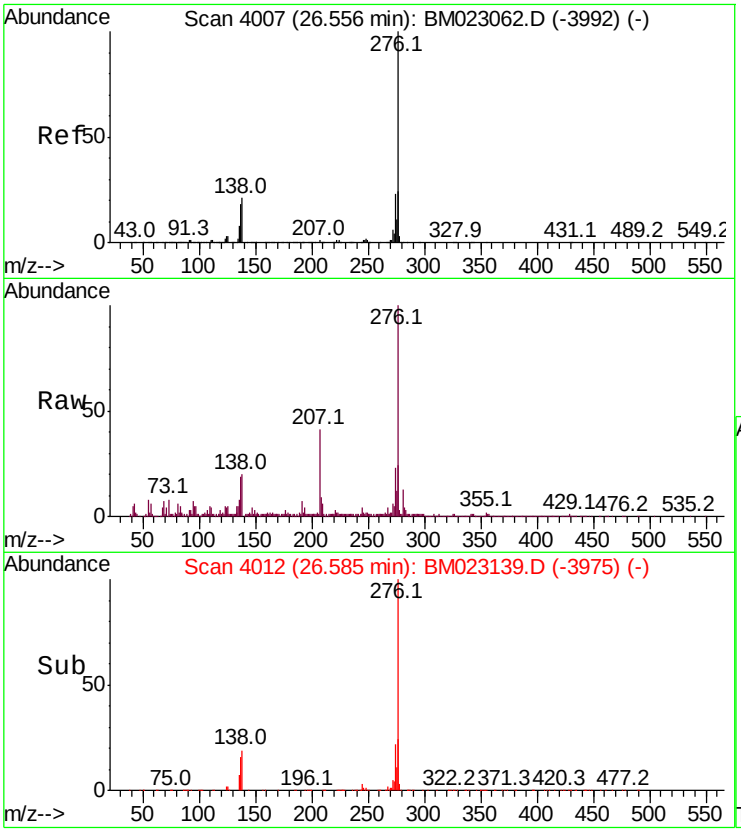


#93
Dibenzo(a,h)anthracene
Concen: 5.296 ng/ul
RT: 25.88 min Scan# 3892
Delta R.T. 0.00 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Tgt Ion:278 Resp: 228857

Ion	Ratio	Lower	Upper
278	100		
139	24.3	13.2	19.8#
279	29.6	19.0	28.6#





#94
Benzo(g,h,i)perylene
Concen: 24.654 ng/ul
RT: 26.59 min Scan# 4012
Delta R.T. 0.02 min
Lab File: BM023139.D
Acq: 11 Oct 2019 20:44

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1027430

Ion	Ratio	Lower	Upper
276	100		
138	20.4	17.6	26.4
277	24.4	19.1	28.7