Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (Not Reviewed)

Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB70

Quant Time: Oct 17 04:35:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	411124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1644465	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	965344	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1882253	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1803512	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2211722	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	28144	3.01	ng/uL	0.00
5) Phenol-d5	6.83	99	554412	15.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	321302	15.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	455943	16.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	415399	14.44	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	204360	18.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	219593	20.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	454352	16.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	278196	8.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1311087	17.72	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1546218	17.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	155409	12.98	ng/ul	0.00
58) Fluorene-d10	15.30	176	1123664	17.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	99870	13.38	ng/ul	0.00
71) Anthracene-d10	17.15	188	1671552	18.42	ng/ul	0.00
79) Pyrene-d10	19.45	212	1763015	20.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2072745	18.49	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	94548	2.561	ng/ul	97
45) Dimethylphthalate	13.77	163	410258	5.541	ng/ul	100
48) Acenaphthylene	14.03	152	136946	1.544	ng/ul	96
50) Acenaphthene	14.37	153	64983	1.052	ng/ul	99
59) Fluorene	15.36	166	79266	1.102	ng/ul	99
70) Phenanthrene	17.10	178	1406664	13.316	ng/ul	99
72) Anthracene	17.19	178	365026	3.344	ng/ul	100
75) Carbazole	17.45	167	117679	1.207	ng/ul	98
77) Fluoranthene	19.12	202	2443761	19.452	ng/ul	99
80) Pyrene	19.48	202	2392905	21.179	ng/ul	100
81) Butylbenzylphthalate	20.40	149	60302	1.535	ng/ul	95
83) Benzo(a)anthracene	21.23	228	1365453	11.174	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.20	149	307018	4.914	ng/ul#	99
85) Chrysene	21.28	228	1300889	11.465	ng/ul	98
88) Benzo(b)fluoranthene	22.80	252	1884094	14.050	ng/ul#	97
89) Benzo(k)fluoranthene	22.80	252	1885429	14.643	ng/ul#	97
91) Benzo(a)pyrene	23.36	252	1376315	10.698	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.68	276	1031066	6.737	ng/ul	97
93) Dibenzo(a,h)anthracene	25.69	278	279445	2.184	ng/ul#	89
94) Benzo(g,h,i)perylene	26.36	276	1031959	8.189	ng/ul	99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

Quantitation Report (Not Reviewed)

Data File : BM023202.D
Acq On : 16 Oct 2019 22:09
Operator : JU
Sample : K5262-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Oct 17 04:35:57 2019
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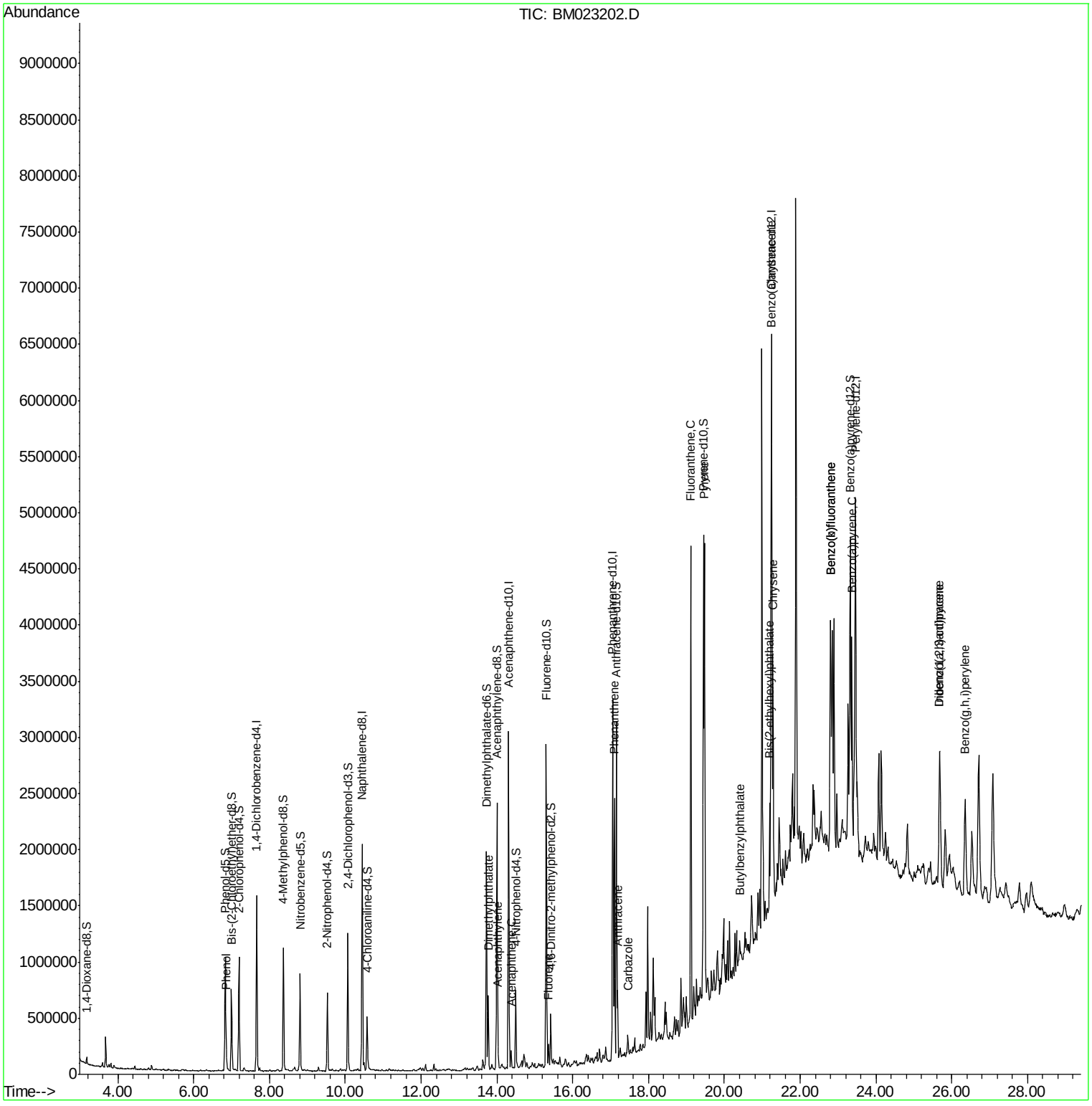
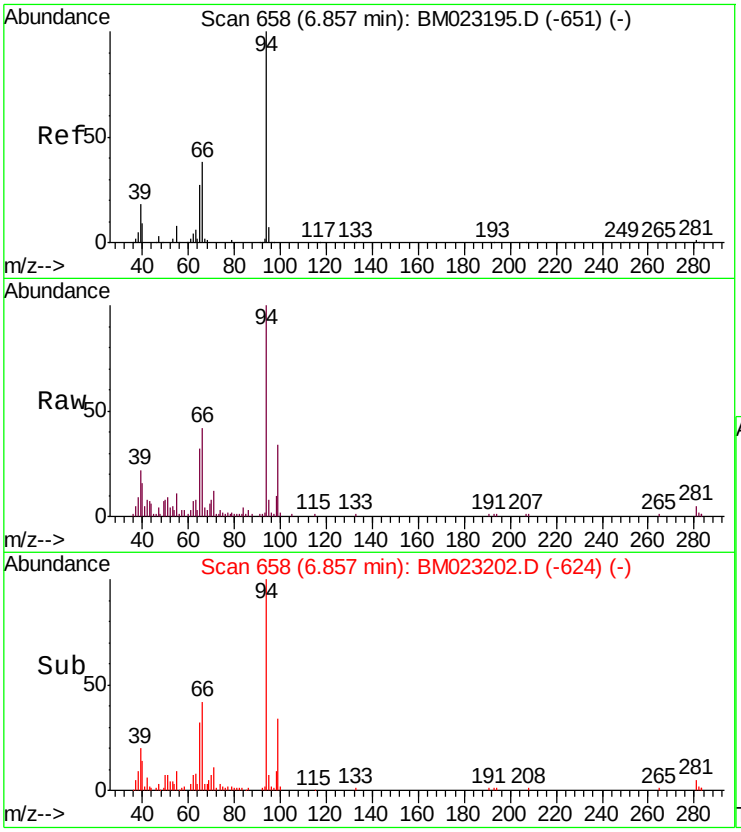
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 04:31:06 2019
Response via : Initial Calibration



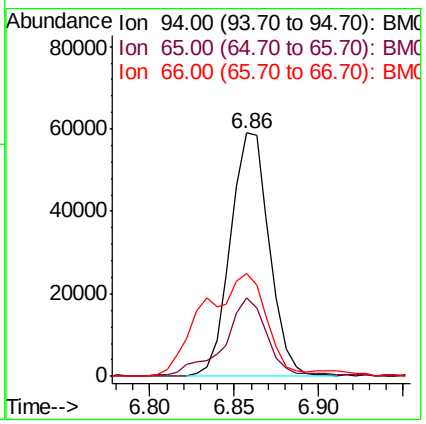


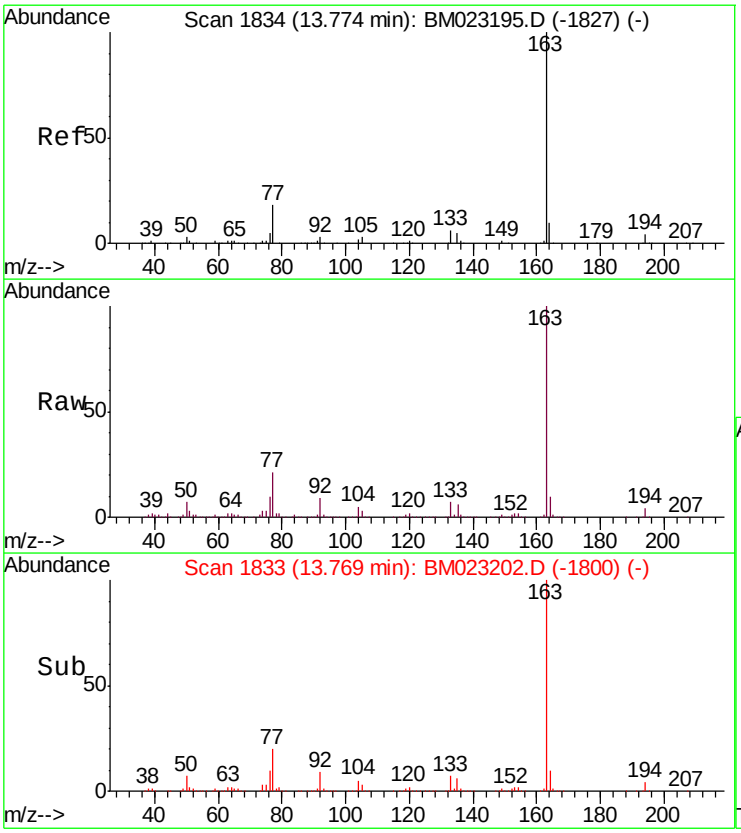
#6
Phenol
Concen: 2.561 ng/ul
RT: 6.86 min Scan# 658
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion: 94 Resp: 94548

Ion	Ratio	Lower	Upper
94	100		
65	32.3	23.7	35.5
66	42.2	32.9	49.3

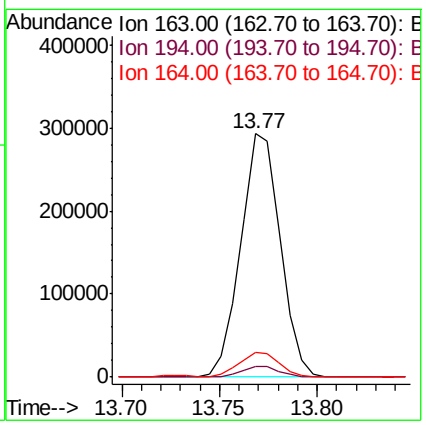


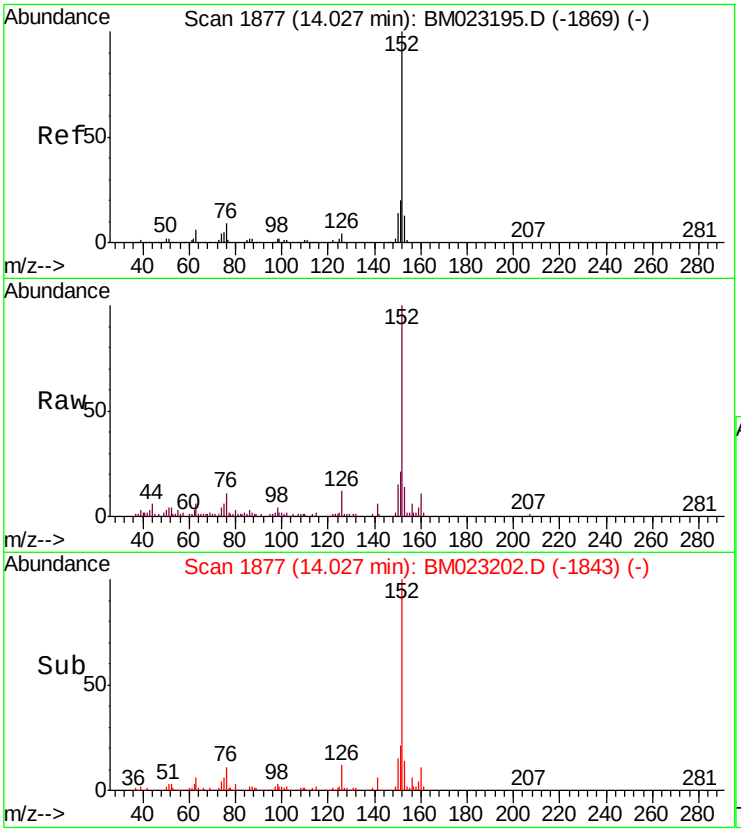


#45
Dimethylphthalate
Concen: 5.541 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:163 Resp: 410258

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.0	8.0	12.0



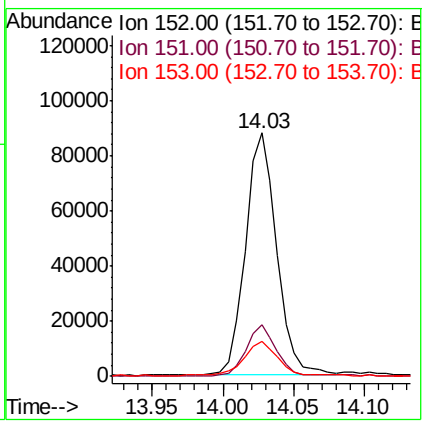


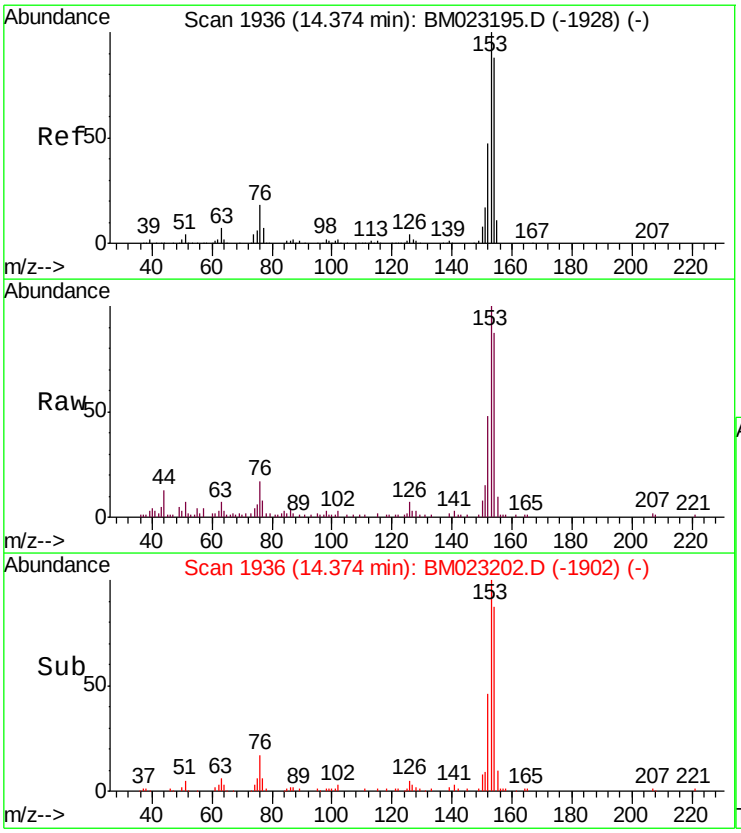
#48
Acenaphthylene
Concen: 1.544 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:152 Resp: 136946

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.6
153	14.4	10.3	15.5

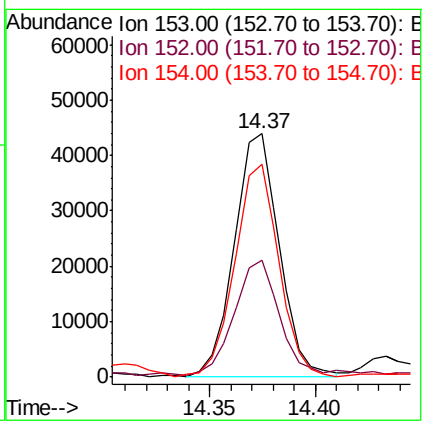


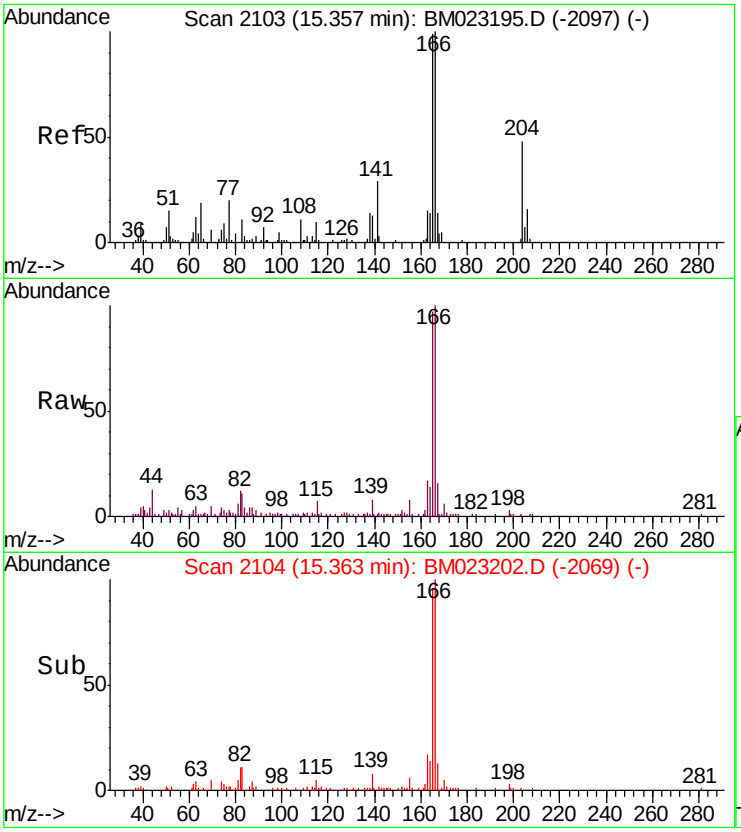


#50
Acenaphthene
Concen: 1.052 ng/ul
RT: 14.37 min Scan# 1936
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:153 Resp: 64983

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.0	57.0
154	87.5	70.4	105.6



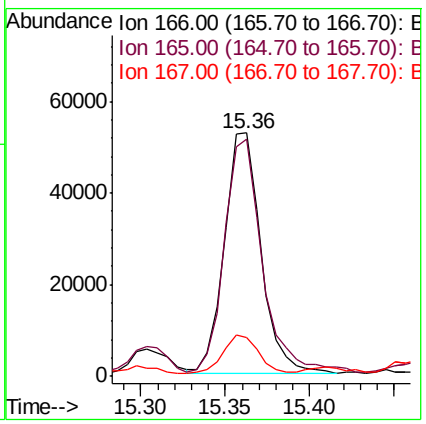


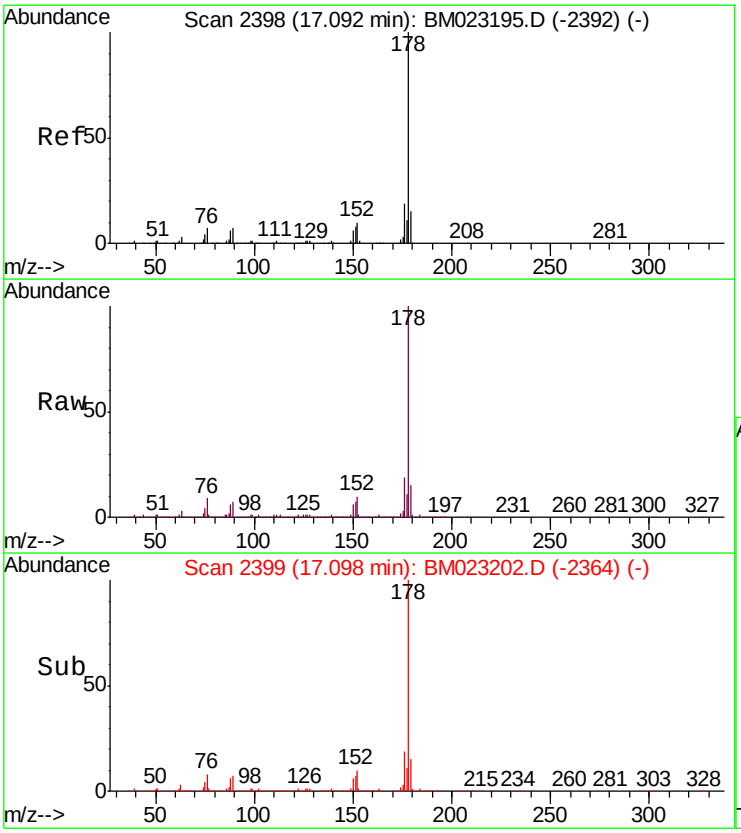
#59
Fluorene
Concen: 1.102 ng/ul
RT: 15.36 min Scan# 2104
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:166 Resp: 79266

Ion	Ratio	Lower	Upper
166	100		
165	97.4	77.4	116.0
167	15.8	10.8	16.2

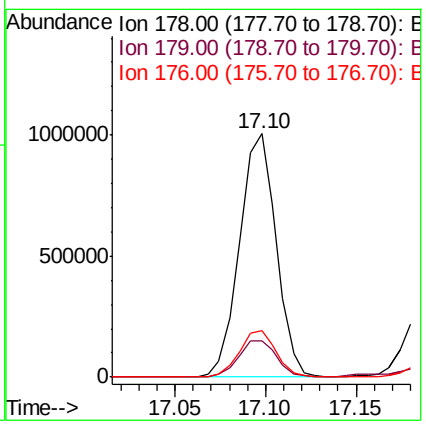


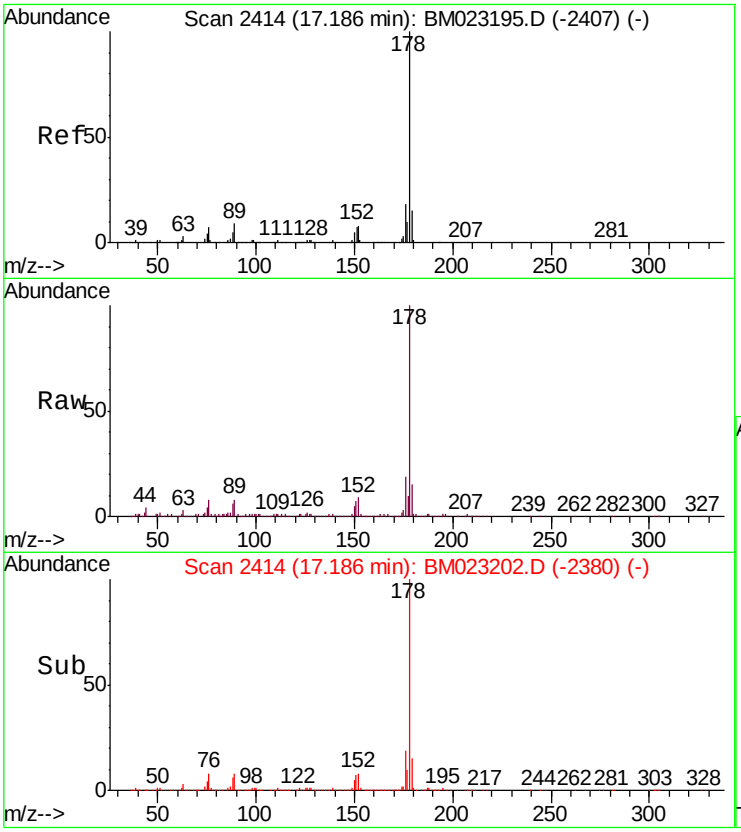


#70
Phenanthrene
Concen: 13.316 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:178 Resp: 1406664

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.0	15.5	23.3



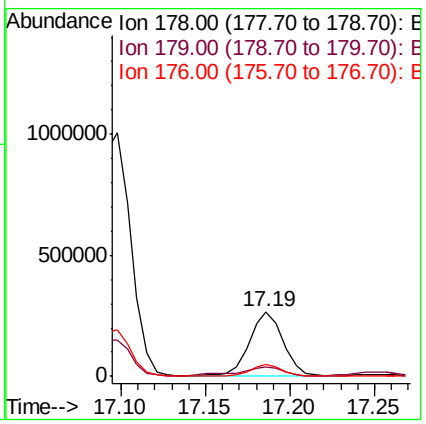


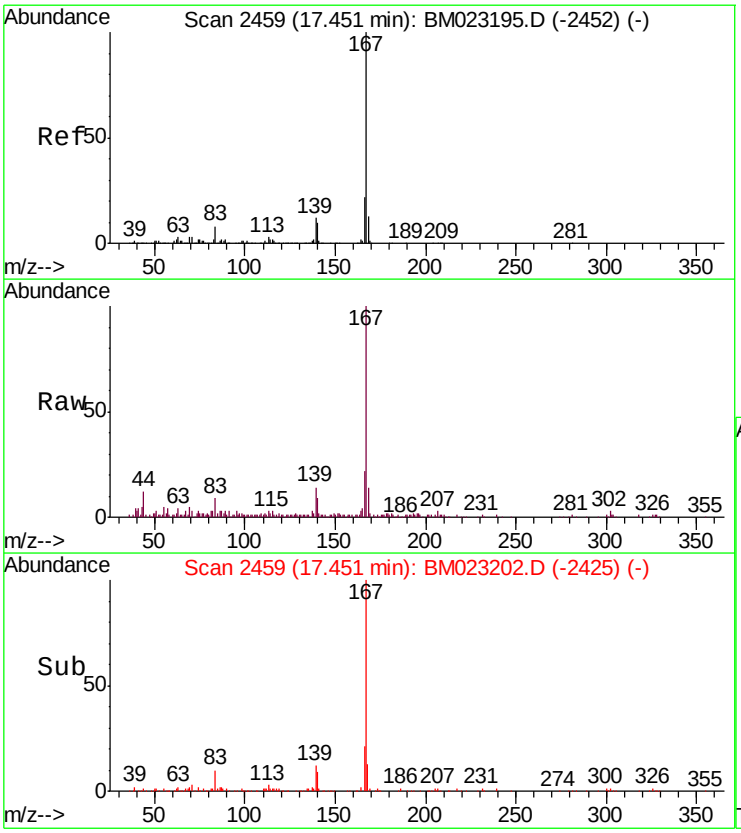
#72
Anthracene
Concen: 3.344 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:178 Resp: 365026

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.6	15.0	22.4

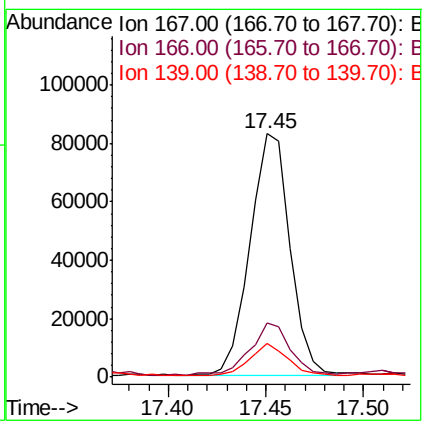


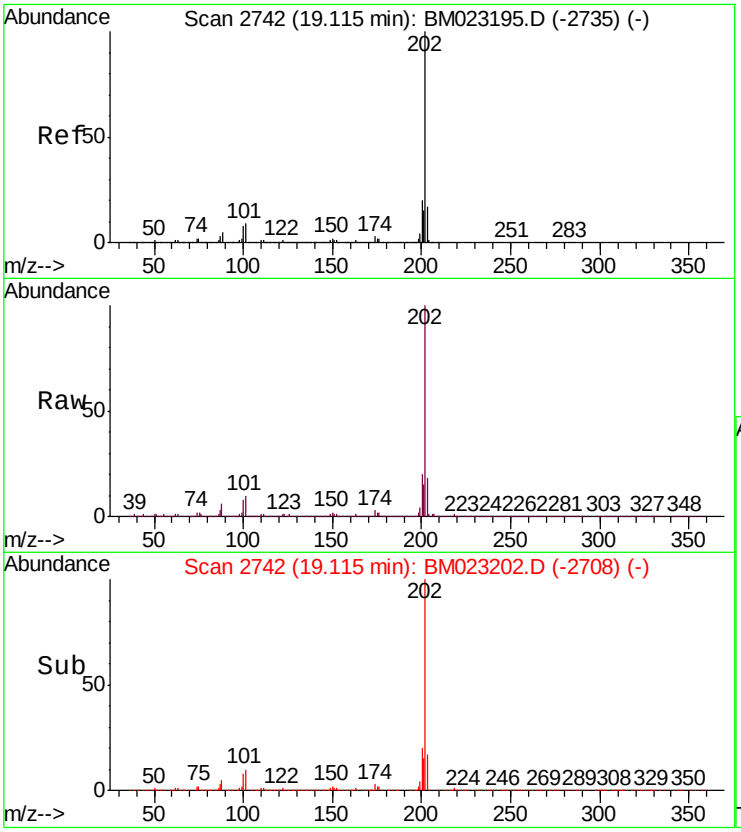


#75
Carbazole
Concen: 1.207 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:167 Resp: 117679

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.4	26.0
139	13.7	10.2	15.2



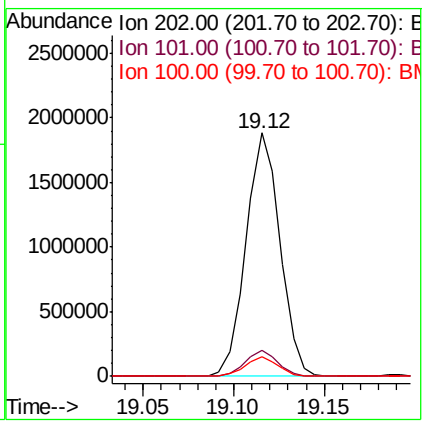


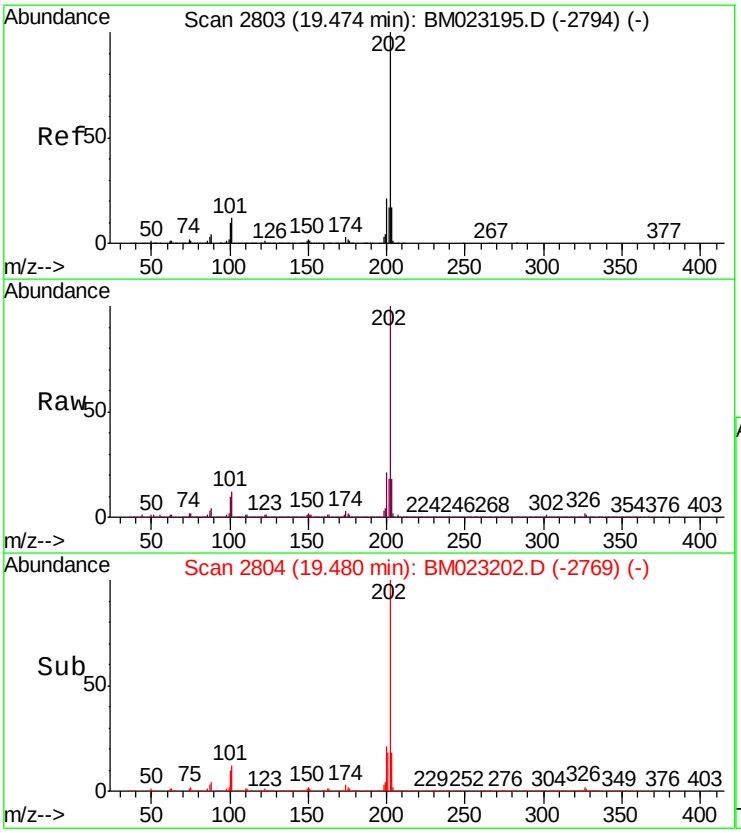
#77
Fluoranthene
Concen: 19.452 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:202 Resp: 2443761

Ion	Ratio	Lower	Upper
202	100		
101	10.5	7.8	11.8
100	7.9	6.1	9.1

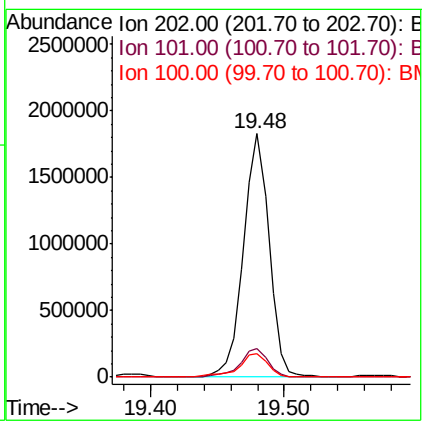


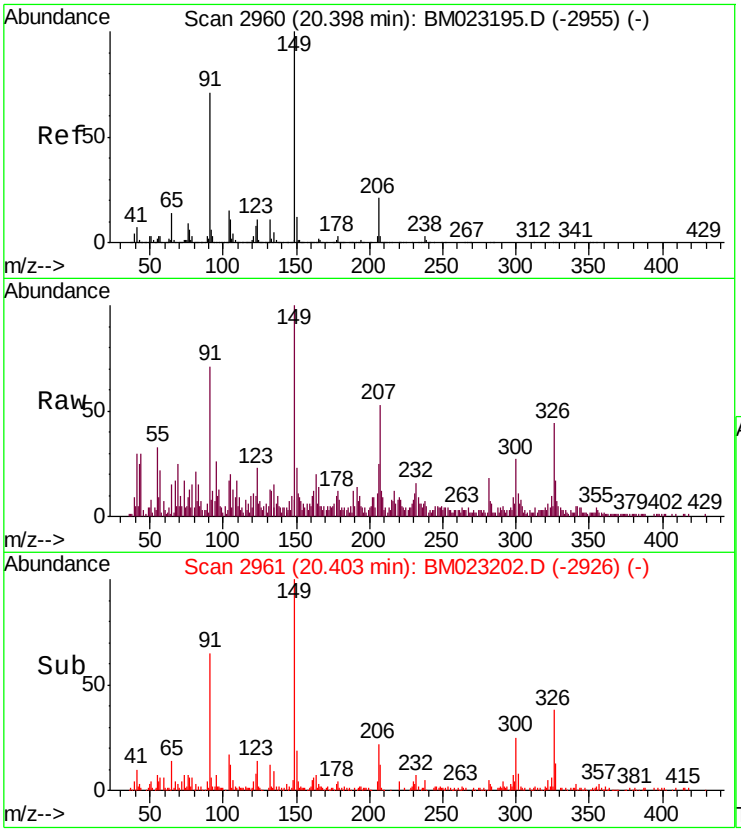


#80
Pyrene
Concen: 21.179 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:202 Resp: 2392905

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	9.6	7.5	11.3



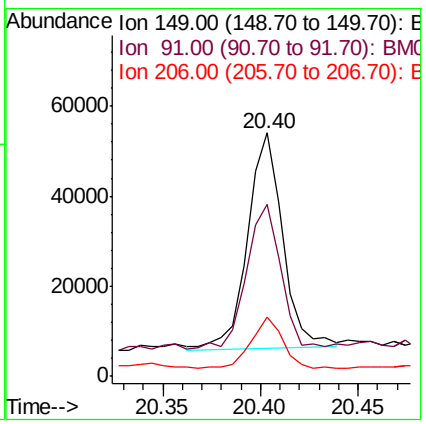


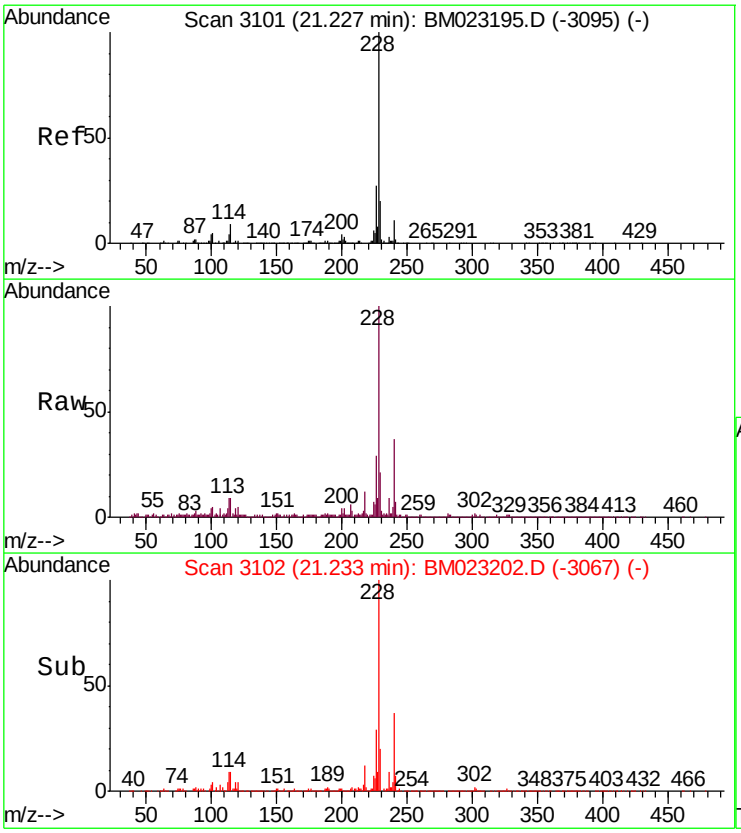
#81
Butylbenzylphthalate
Concen: 1.535 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:149 Resp: 60302

Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.9	89.9
206	24.6	17.1	25.7

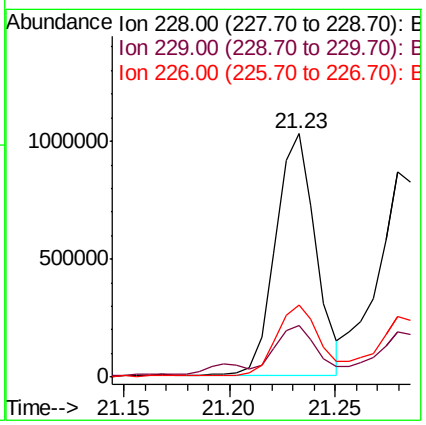


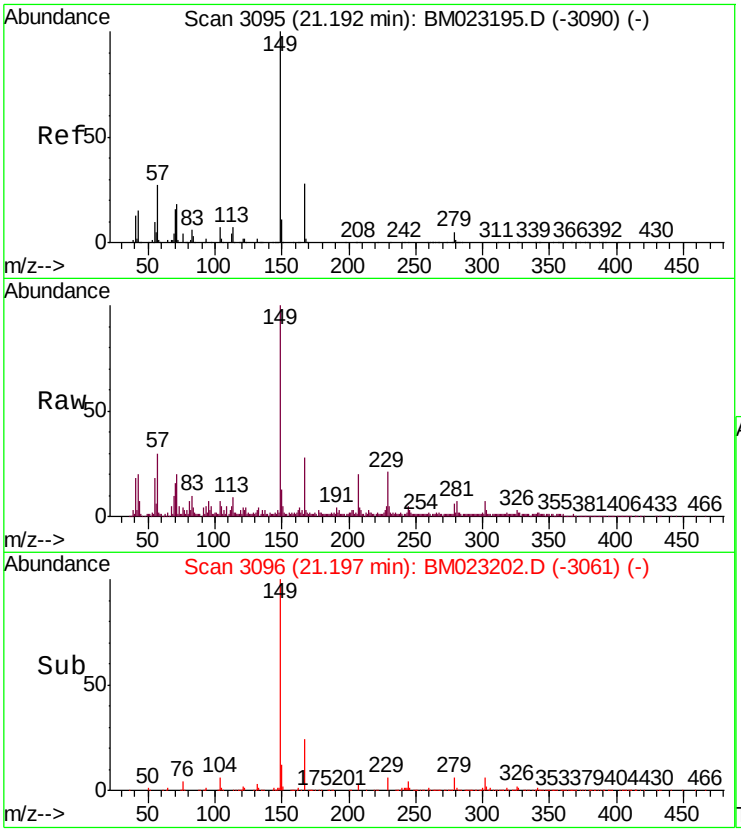


#83
Benzo(a)anthracene
Concen: 11.174 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:228 Resp: 1365453

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.7	23.5
226	29.4	21.6	32.4



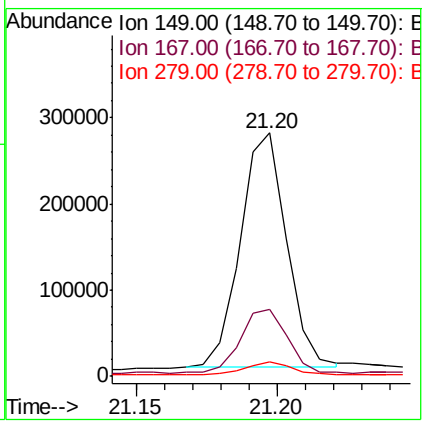


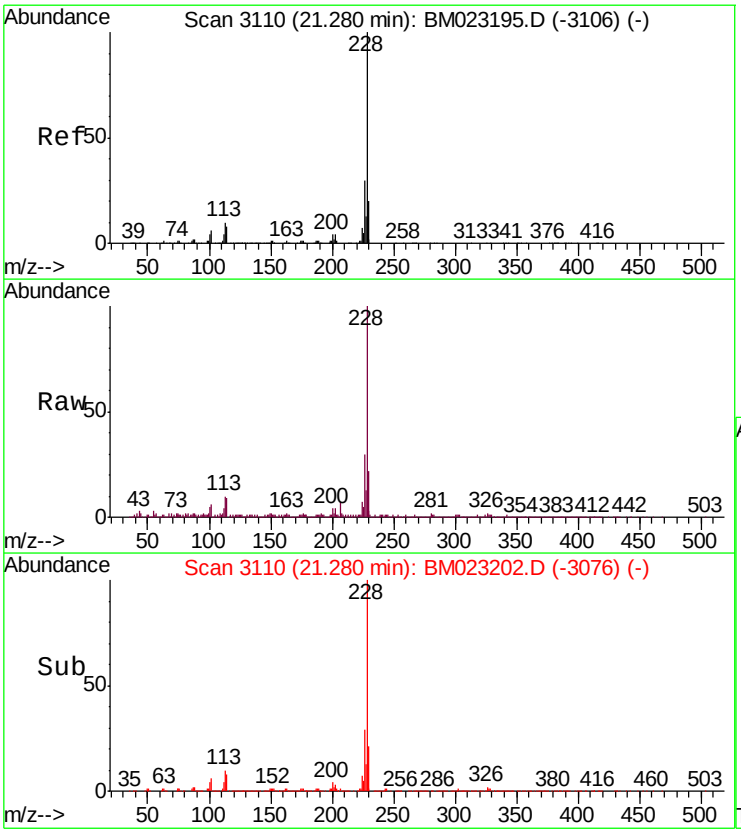
#84
Bis(2-ethylhexyl)phthalate
Concen: 4.914 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:149 Resp: 307018

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.5	33.7
279	6.2	4.0	6.0#

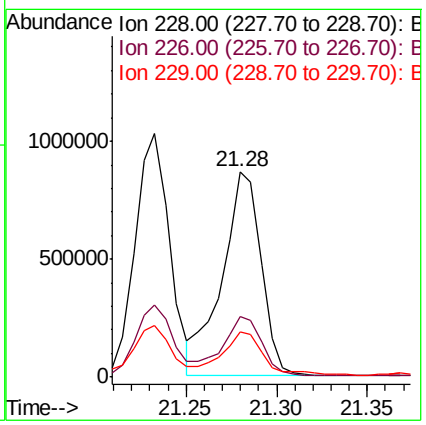


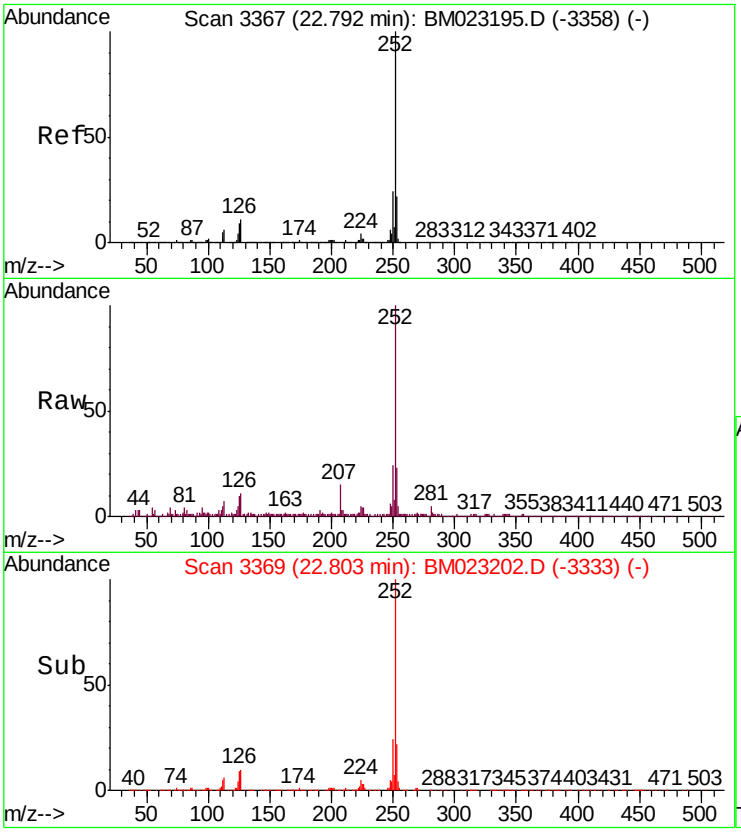


#85
Chrysene
Concen: 11.465 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:228 Resp: 1300889

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	21.9	15.5	23.3



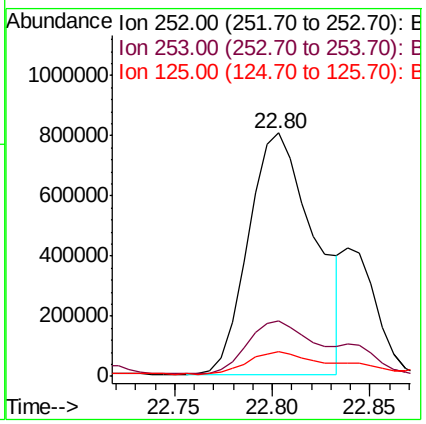


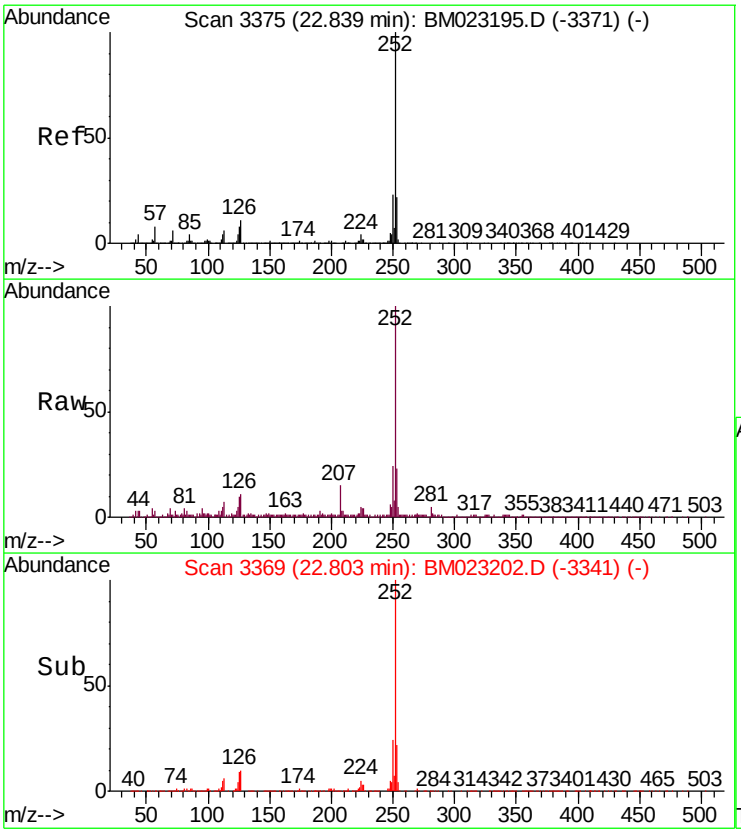
#88
Benzo(b)fluoranthene
Concen: 14.050 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:252 Resp: 1884094

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.6	26.4
125	9.9	6.4	9.6#

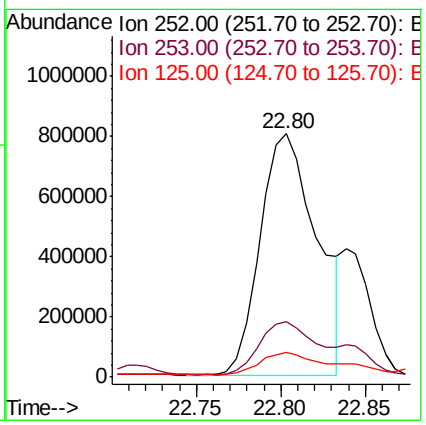


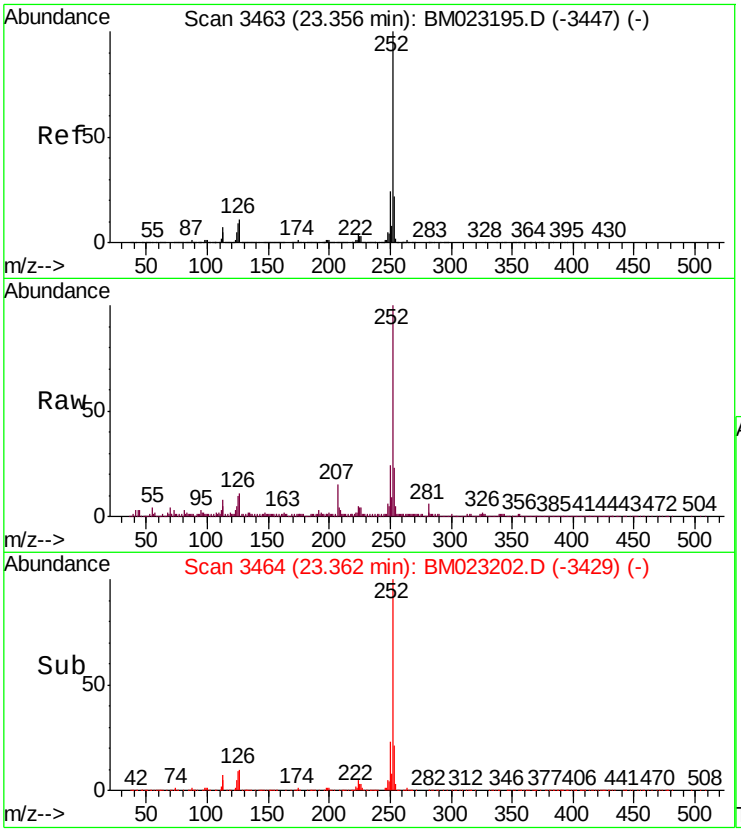


#89
Benzo(k)fluoranthene
Concen: 14.643 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:252 Resp: 1885429

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.4	26.0
125	9.9	6.5	9.7#



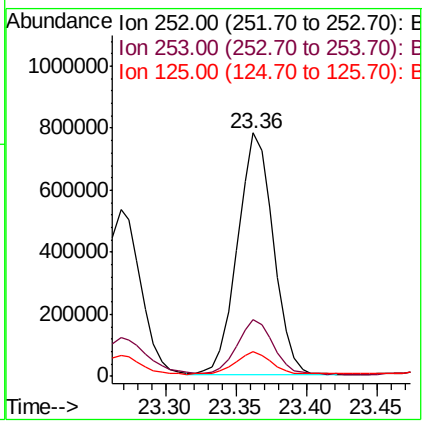


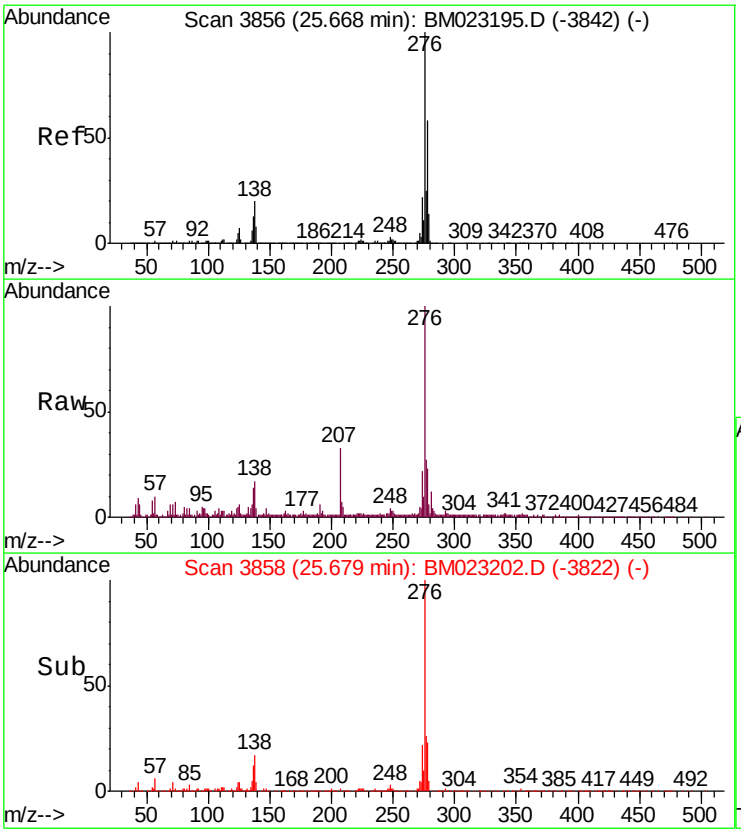
#91
Benzo(a)pyrene
Concen: 10.698 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:252 Resp: 1376315

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	10.0	7.4	11.0

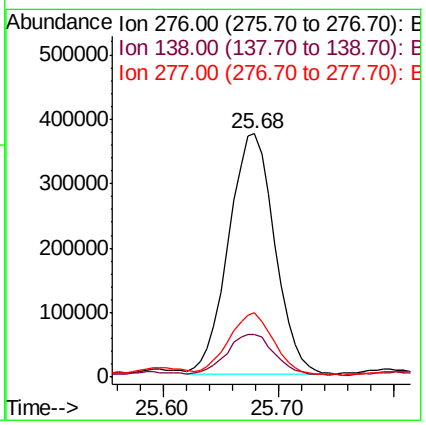


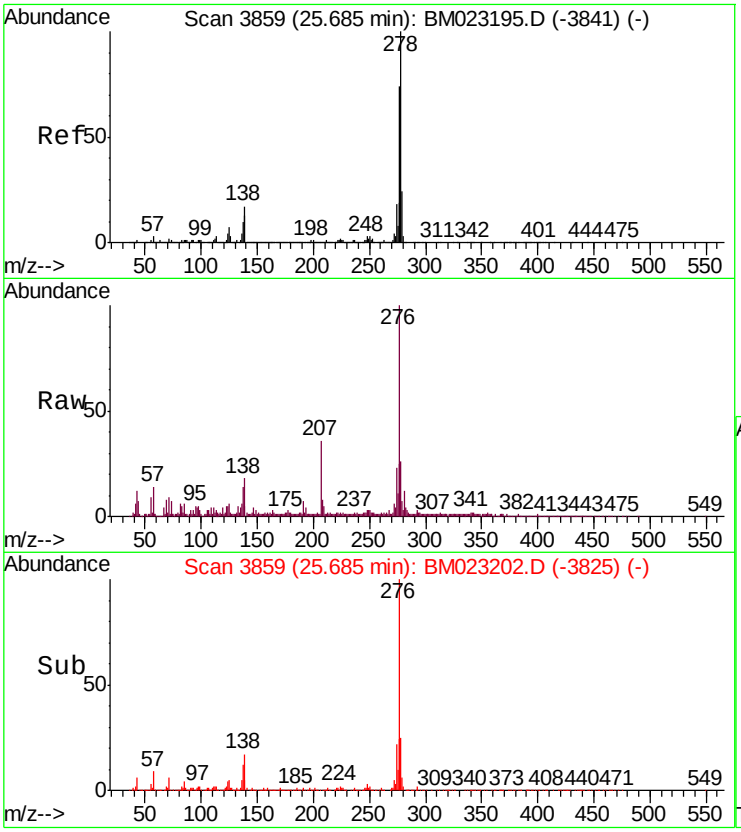


#92
Indeno(1,2,3-cd)pyrene
Concen: 6.737 ng/ul
RT: 25.68 min Scan# 3858
Delta R.T. 0.01 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:276 Resp: 1031066

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.9	22.3
277	26.5	19.8	29.8



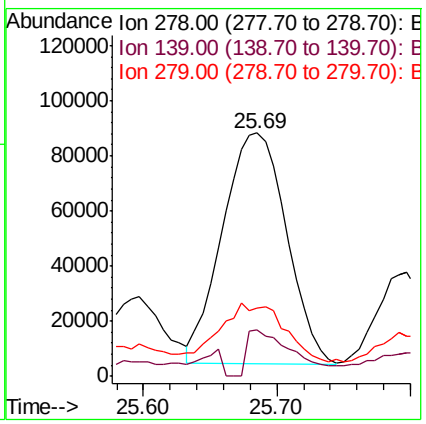


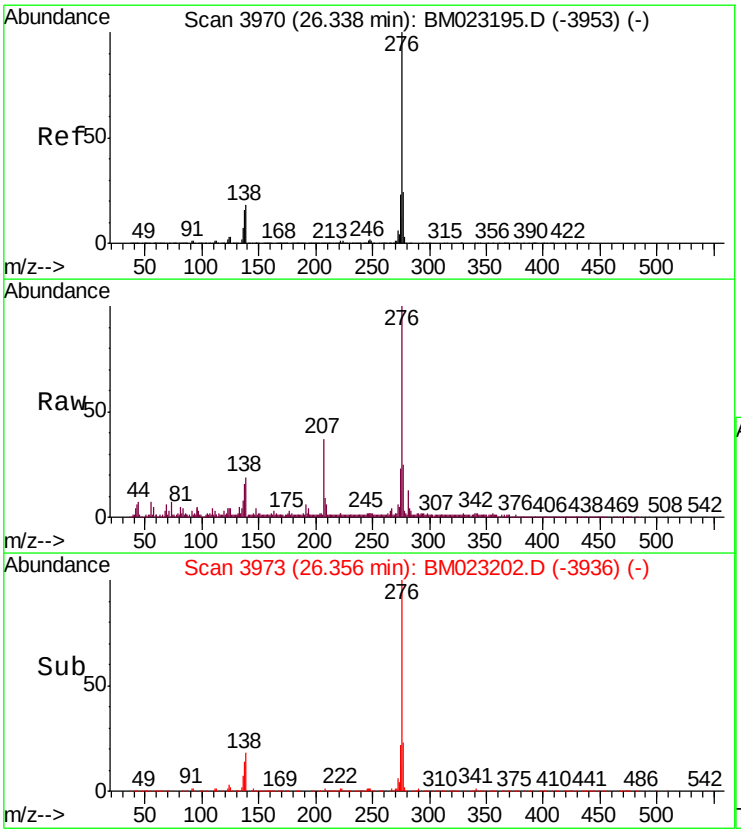
#93
Dibenzo(a,h)anthracene
Concen: 2.184 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.00 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Instrument :
BNA_M
ClientSampleId :
BFB70

Tgt Ion:278 Resp: 279445

Ion	Ratio	Lower	Upper
278	100		
139	19.3	10.0	15.0#
279	27.9	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 8.189 ng/ul
RT: 26.36 min Scan# 3973
Delta R.T. 0.02 min
Lab File: BM023202.D
Acq: 16 Oct 2019 22:09

Tgt Ion:276 Resp: 1031959

Ion	Ratio	Lower	Upper
276	100		
138	19.1	14.4	21.6
277	24.6	19.4	29.2