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

Quantitation Report (Not Reviewed)

Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB74

Quant Time: Oct 17 04:37:35 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	419269	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1637439	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	956889	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1812007	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1748619	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2152666	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	29169	3.06	ng/uL	0.00
5) Phenol-d5	6.83	99	537637	14.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	326302	15.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	455723	16.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	416981	14.22	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	214280	19.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	232263	22.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	460938	17.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	387284	11.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1414567	19.29	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1642662	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	132304	11.14	ng/ul	0.00
58) Fluorene-d10	15.30	176	1204782	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	91330	12.71	ng/ul	0.00
71) Anthracene-d10	17.15	188	1813713	20.76	ng/ul	0.00
79) Pyrene-d10	19.45	212	1909024	22.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2271886	20.82	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	96390	2.560	ng/ul	98
45) Dimethylphthalate	13.77	163	369906	5.040	ng/ul	99
48) Acenaphthylene	14.03	152	157924	1.796	ng/ul	99
70) Phenanthrene	17.10	178	1369451	13.467	ng/ul	99
72) Anthracene	17.19	178	390565	3.717	ng/ul	99
75) Carbazole	17.45	167	125436	1.336	ng/ul	99
76) Di-n-butylphthalate	18.04	149	261860	2.344	ng/ul	97
77) Fluoranthene	19.12	202	2930686	24.233	ng/ul	99
80) Pyrene	19.48	202	2869966	26.199	ng/ul	100
83) Benzo(a)anthracene	21.23	228	1745156	14.729	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	157622	2.602	ng/ul	96
85) Chrysene	21.28	228	1674607	15.222	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	2328052	17.837	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	2328052	18.576	ng/ul	98
91) Benzo(a)pyrene	23.36	252	1784307	14.249	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	1288159	8.647	ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	350562	2.815	ng/ul#	90
94) Benzo(g,h,i)perylene	26.35	276	1293481	10.546	ng/ul	99

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

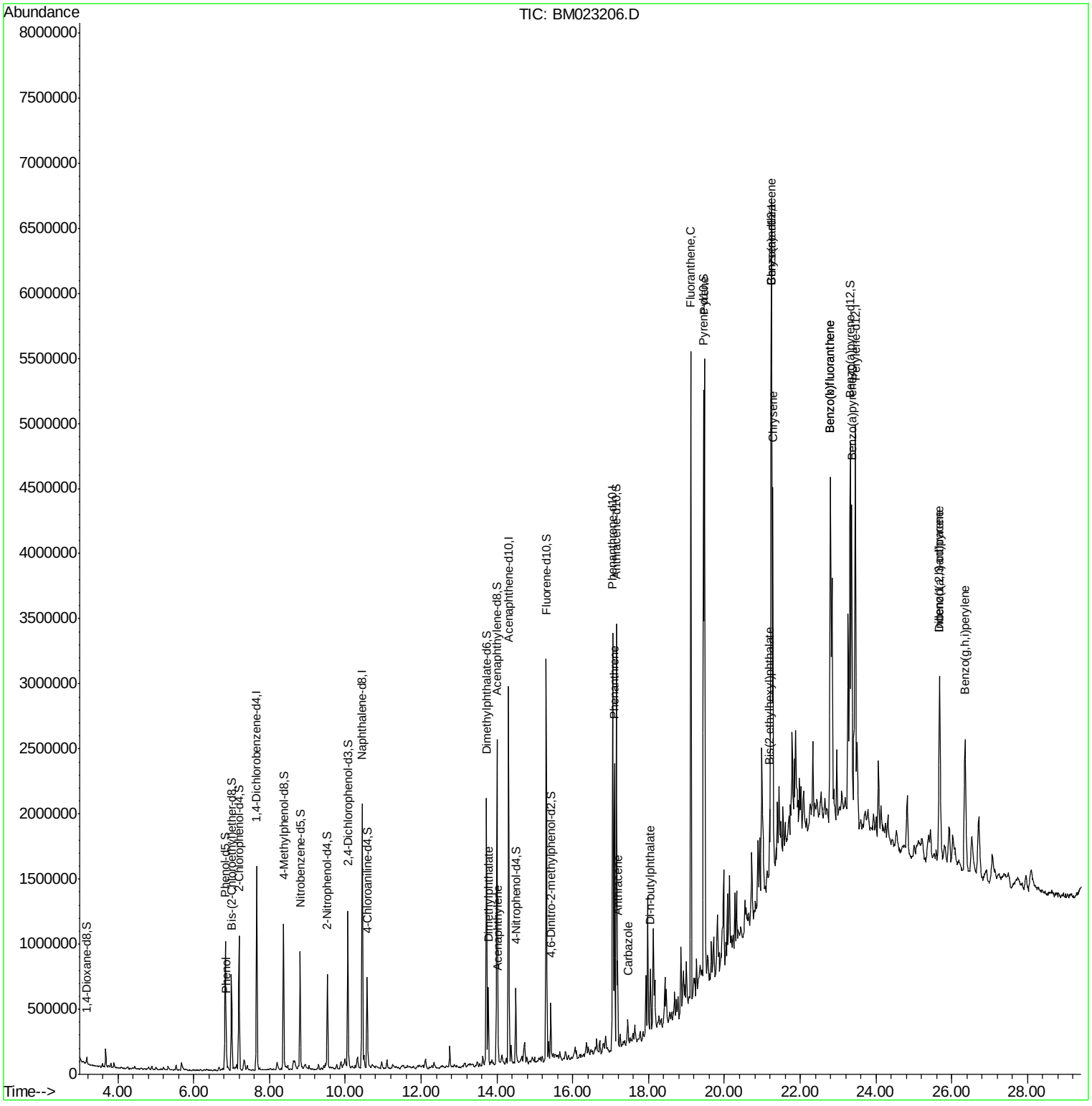
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101619\

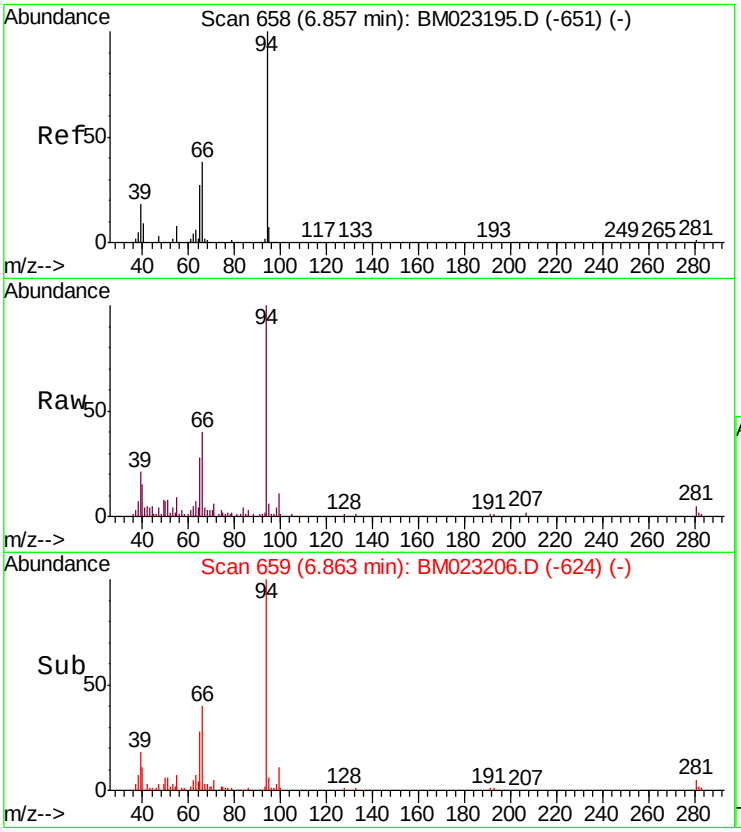
Quantitation Report (Not Reviewed)

Data File : BM023206.D
Acq On : 17 Oct 2019 00:33
Operator : JU
Sample : K5262-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB74

Quant Time: Oct 17 04:37:35 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



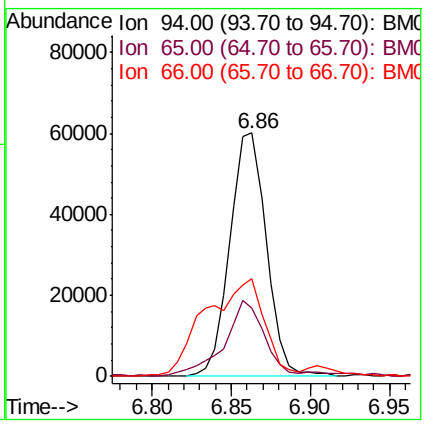


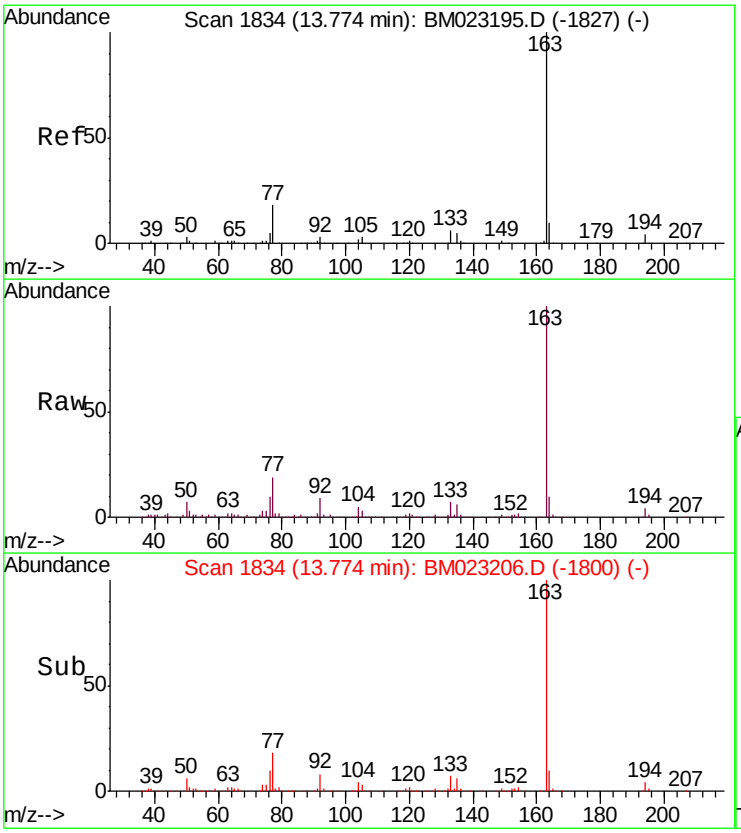
#6
Phenol
Concen: 2.560 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion: 94 Resp: 96390

Ion	Ratio	Lower	Upper
94	100		
65	28.0	23.7	35.5
66	40.3	32.9	49.3

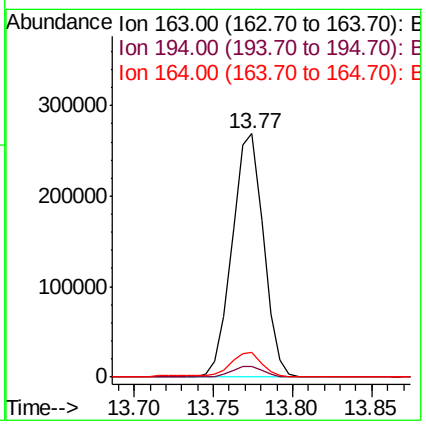


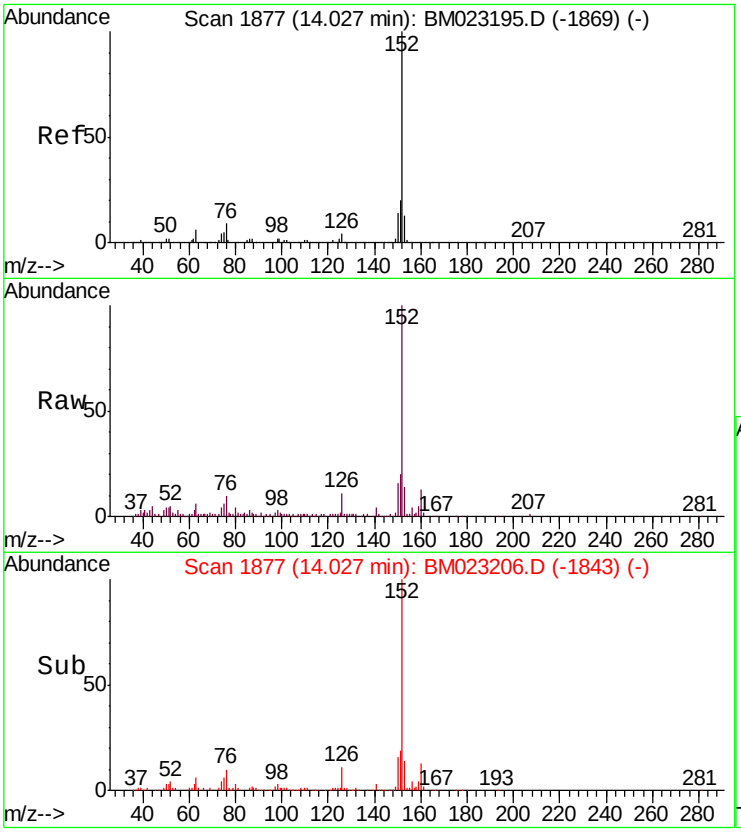


#45
Dimethylphthalate
Concen: 5.040 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:163 Resp: 369906

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.5	5.3
164	10.4	8.0	12.0



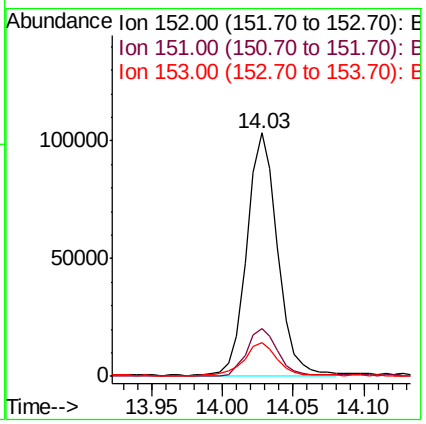


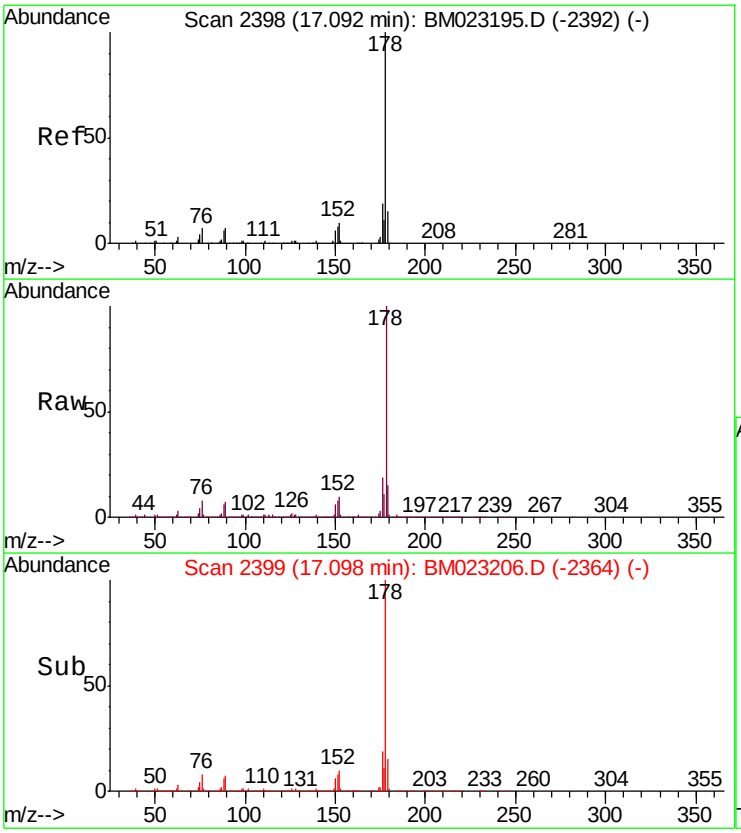
#48
Acenaphthylene
Concen: 1.796 ng/ul
RT: 14.03 min Scan# 1877
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:152 Resp: 157924

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	14.0	10.3	15.5

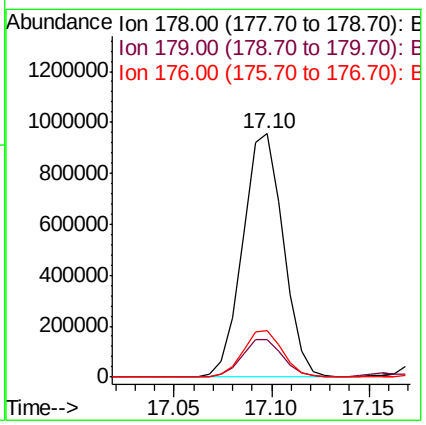


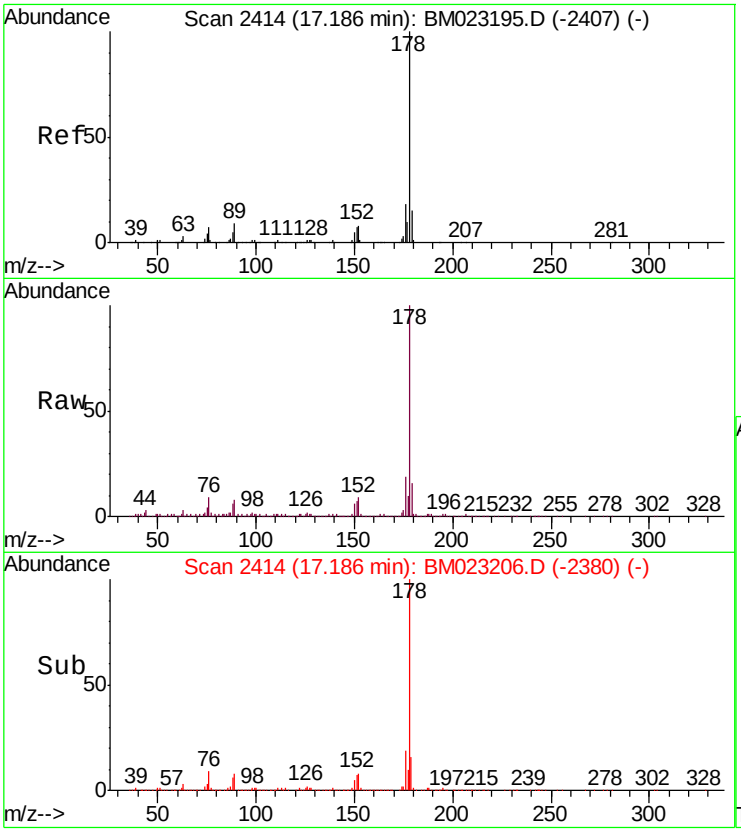


#70
Phenanthrene
Concen: 13.467 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:178 Resp: 1369451

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.9	15.5	23.3



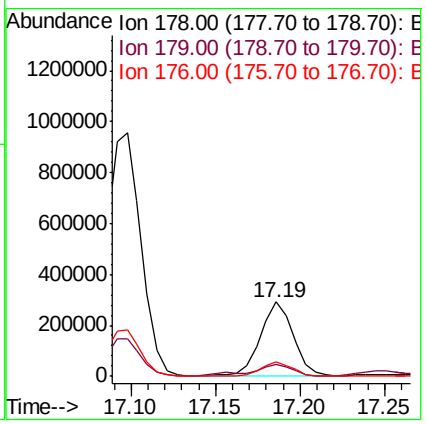


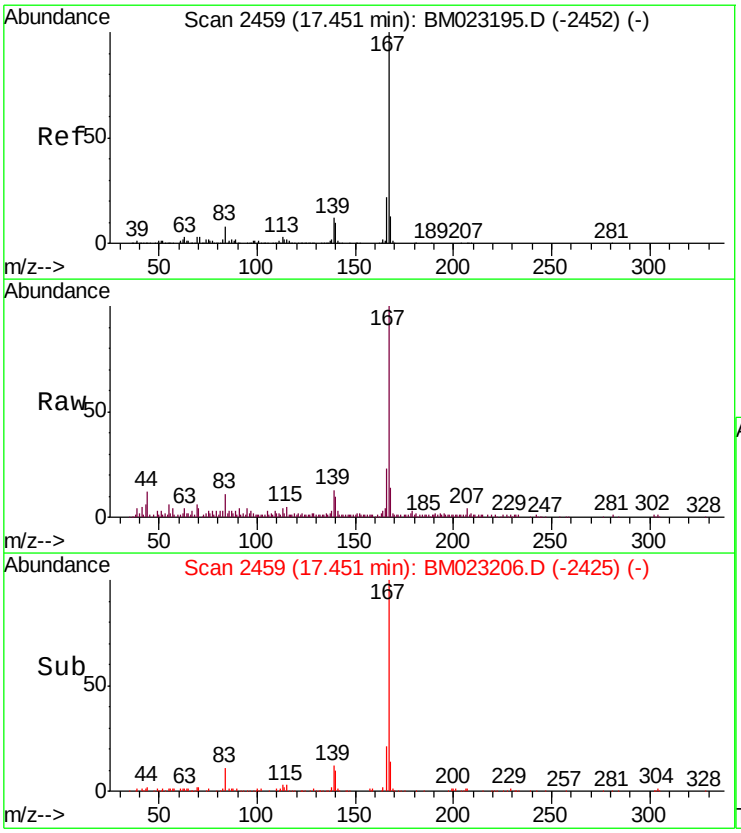
#72
Anthracene
Concen: 3.717 ng/ul
RT: 17.19 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:178 Resp: 390565

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	18.8	15.0	22.4

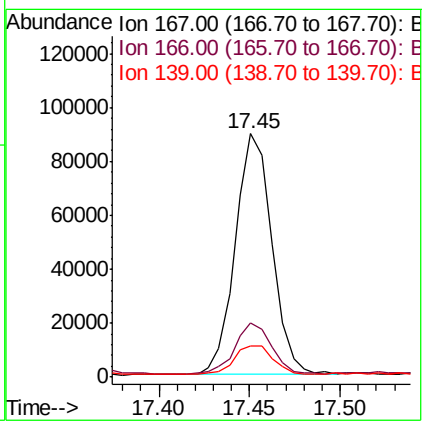


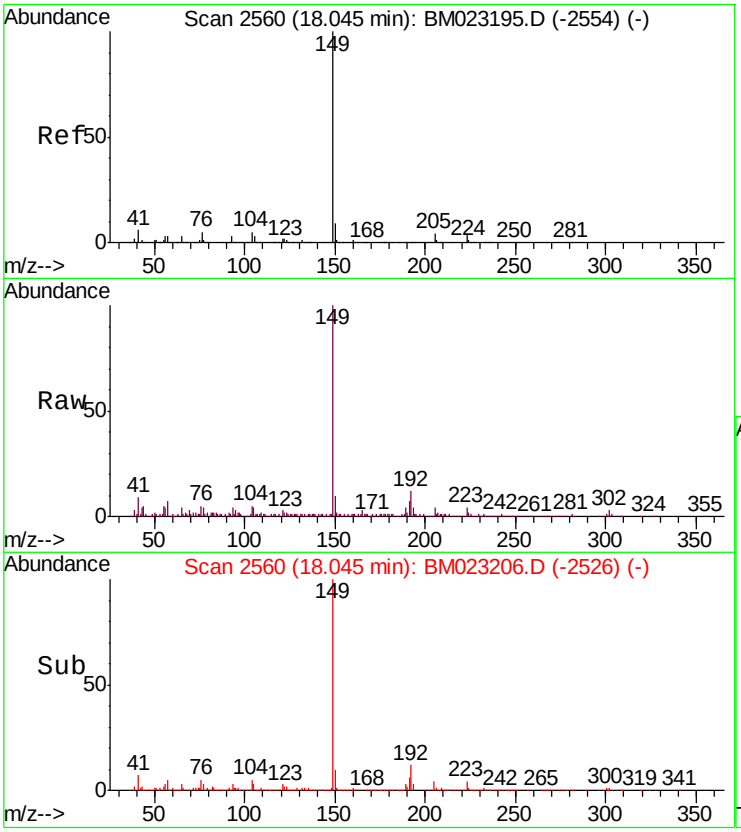


#75
Carbazole
Concen: 1.336 ng/ul
RT: 17.45 min Scan# 2459
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:167 Resp: 125436

Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.4	26.0
139	13.0	10.2	15.2



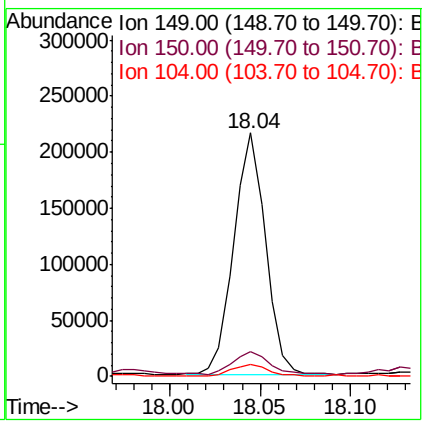


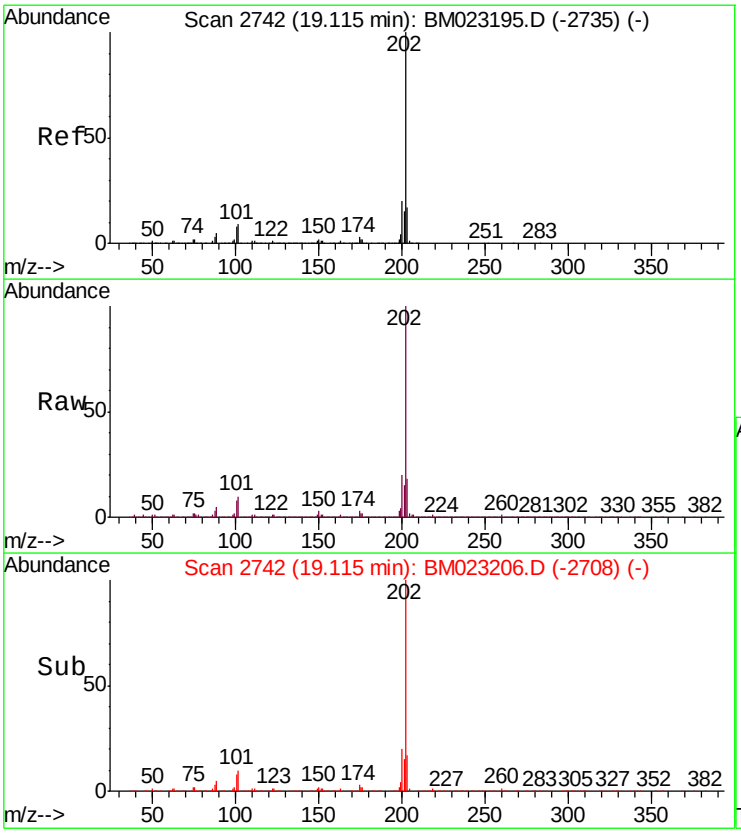
#76
Di-n-butylphthalate
Concen: 2.344 ng/ul
RT: 18.04 min Scan# 2560
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:149 Resp: 261860

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.0	10.4
104	5.0	4.0	6.0

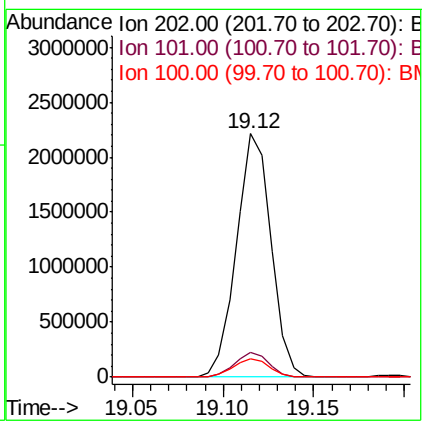


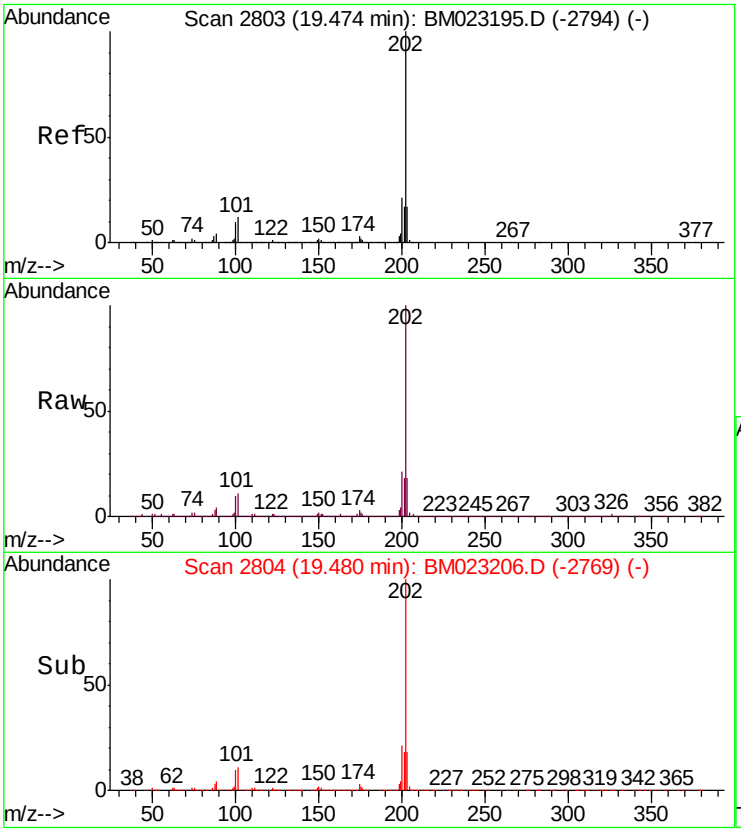


#77
Fluoranthene
Concen: 24.233 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:202 Resp: 2930686

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.8	11.8
100	7.8	6.1	9.1



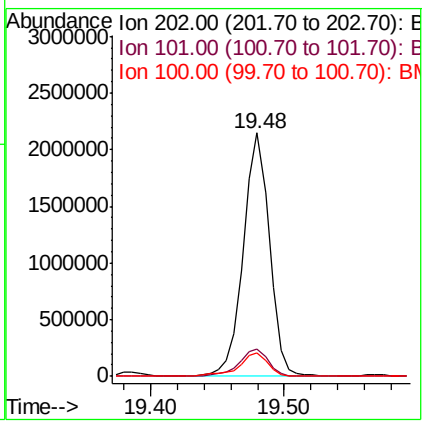


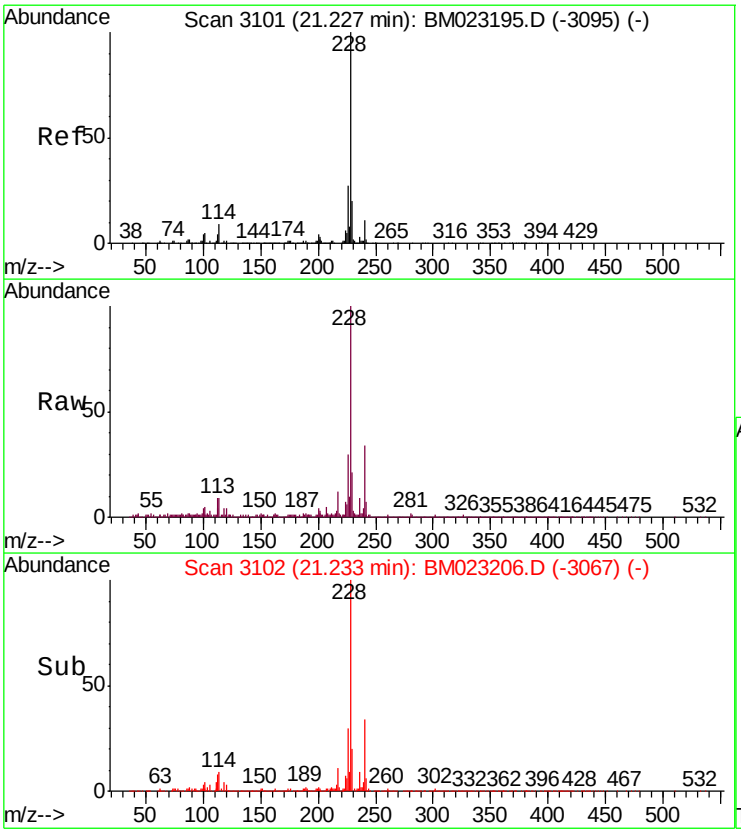
#80
Pyrene
Concen: 26.199 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:202 Resp: 2869966

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.1	13.7
100	9.6	7.5	11.3

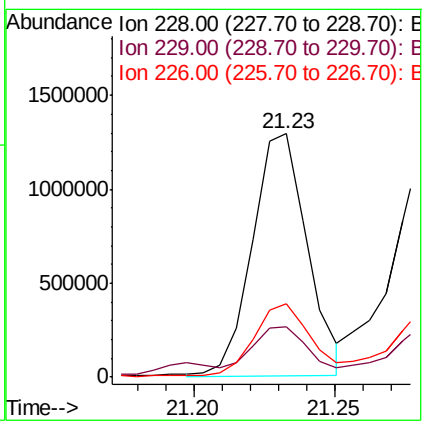


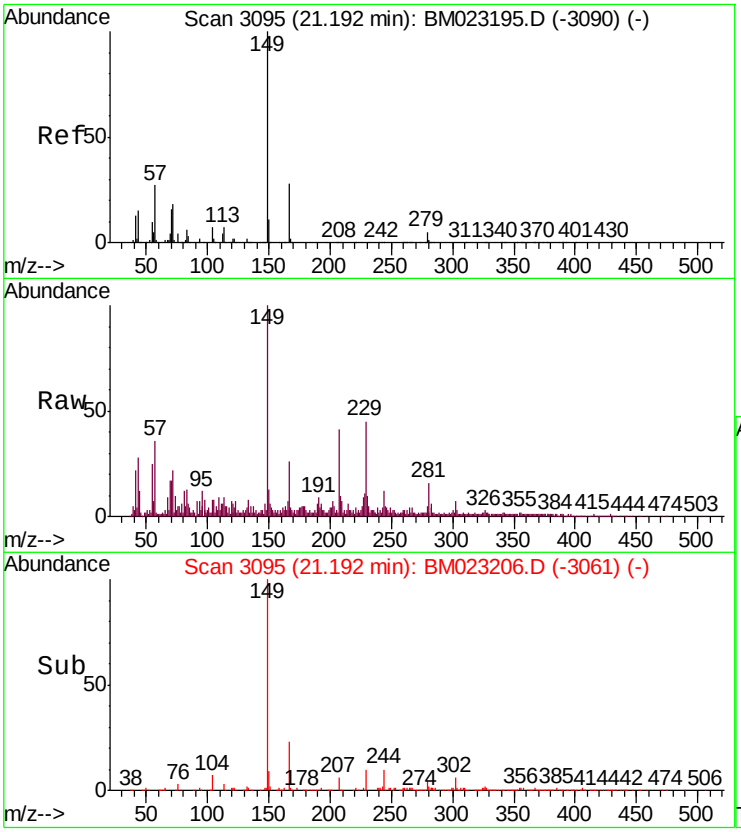


#83
Benzo(a)anthracene
Concen: 14.729 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:228 Resp: 1745156

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.7	23.5
226	30.0	21.6	32.4



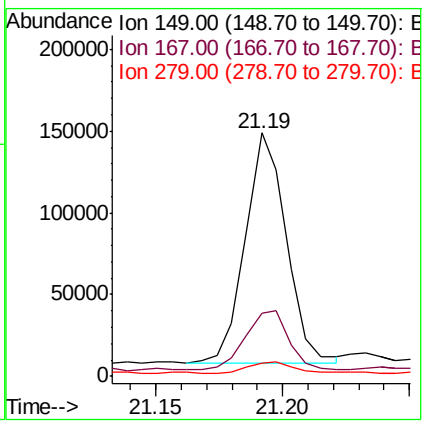


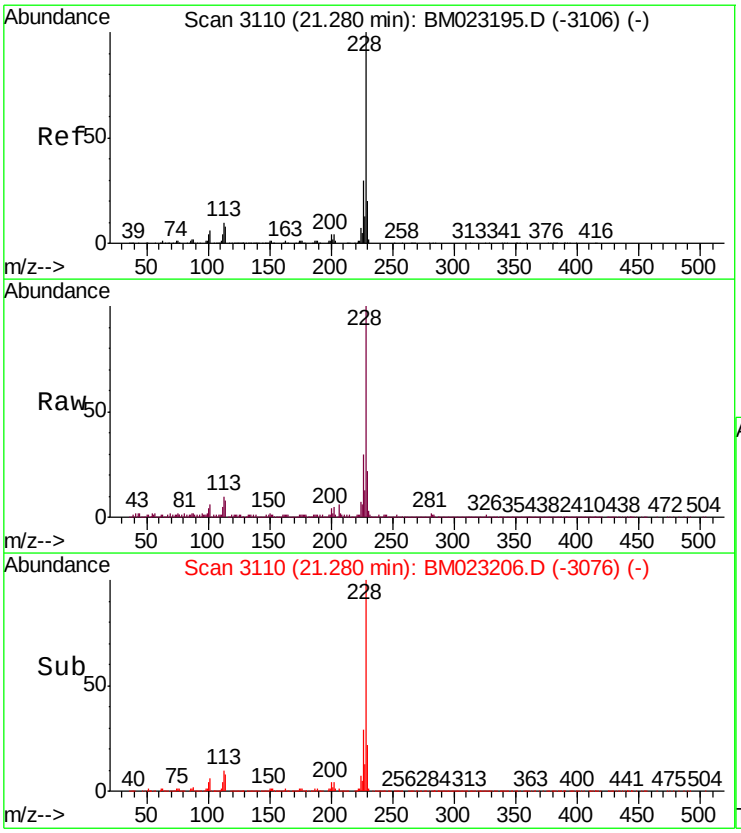
#84
Bis(2-ethylhexyl)phthalate
Concen: 2.602 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:149 Resp: 157622

Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.5	33.7
279	5.4	4.0	6.0

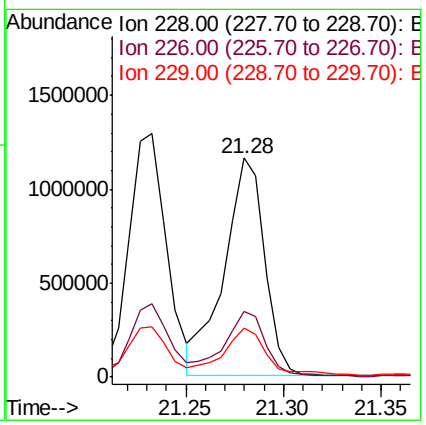


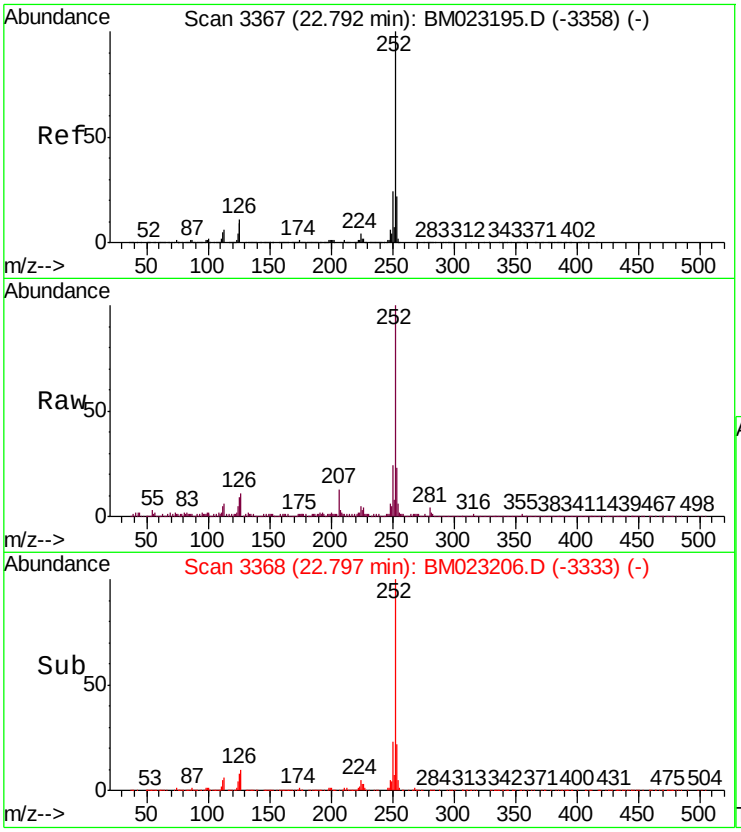


#85
Chrysene
Concen: 15.222 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:228 Resp: 1674607

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	22.4	15.5	23.3



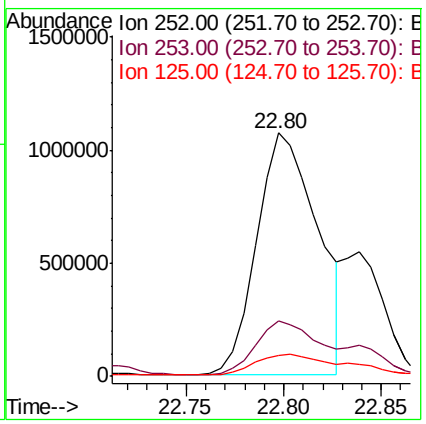


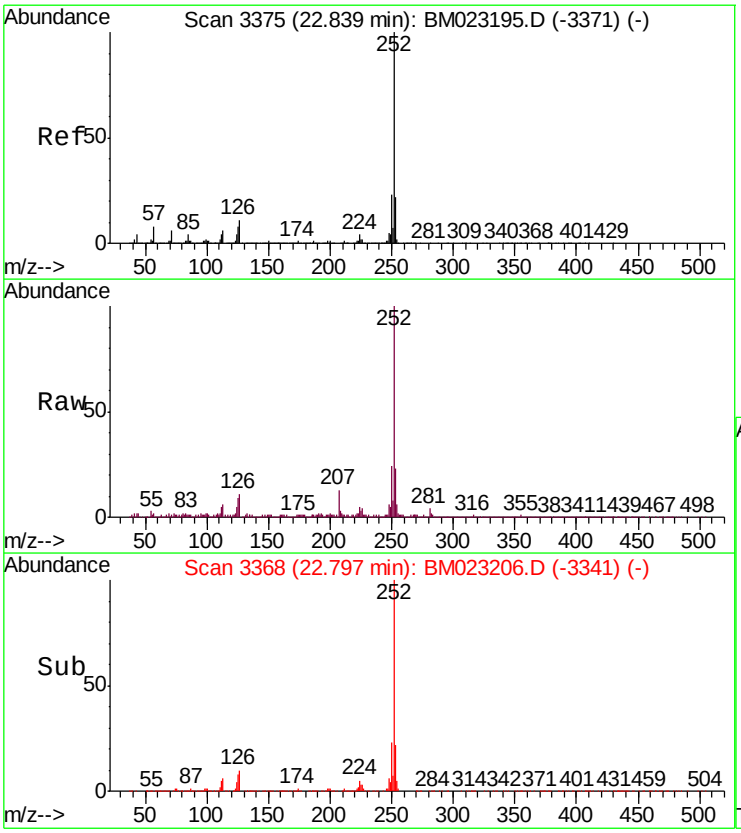
#88
Benzo(b)fluoranthene
Concen: 17.837 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:252 Resp: 2328052

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.6	26.4
125	8.8	6.4	9.6

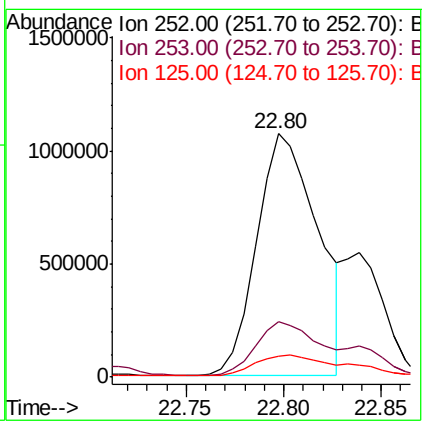


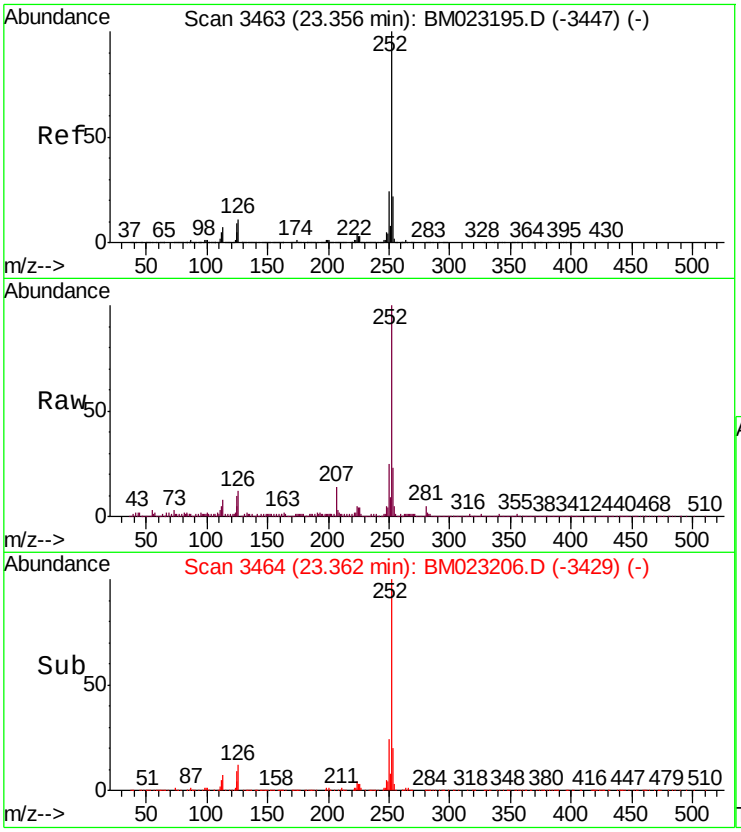


#89
Benzo(k)fluoranthene
Concen: 18.576 ng/ul
RT: 22.80 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:252 Resp: 2328052

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	8.8	6.5	9.7



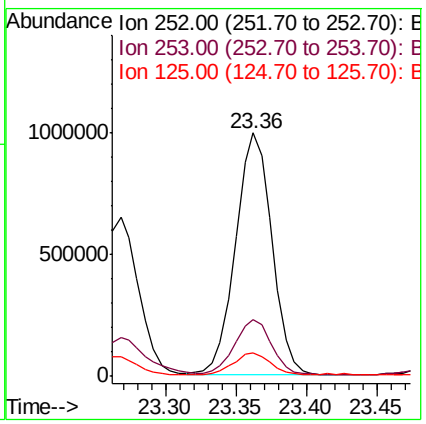


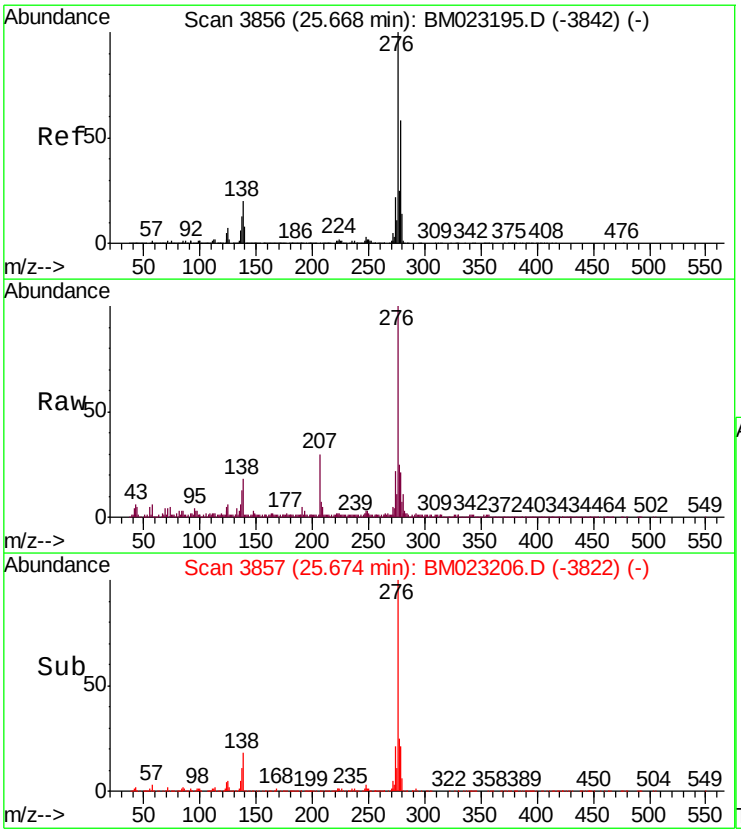
#91
Benzo(a)pyrene
Concen: 14.249 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:252 Resp: 1784307

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.9	7.4	11.0

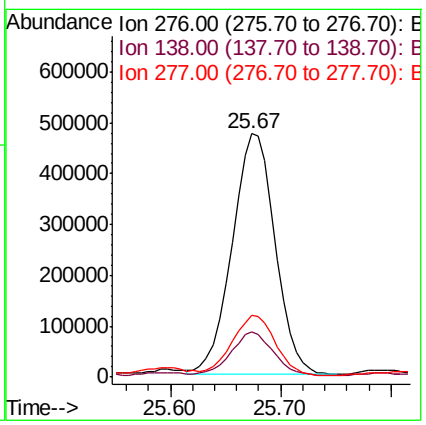


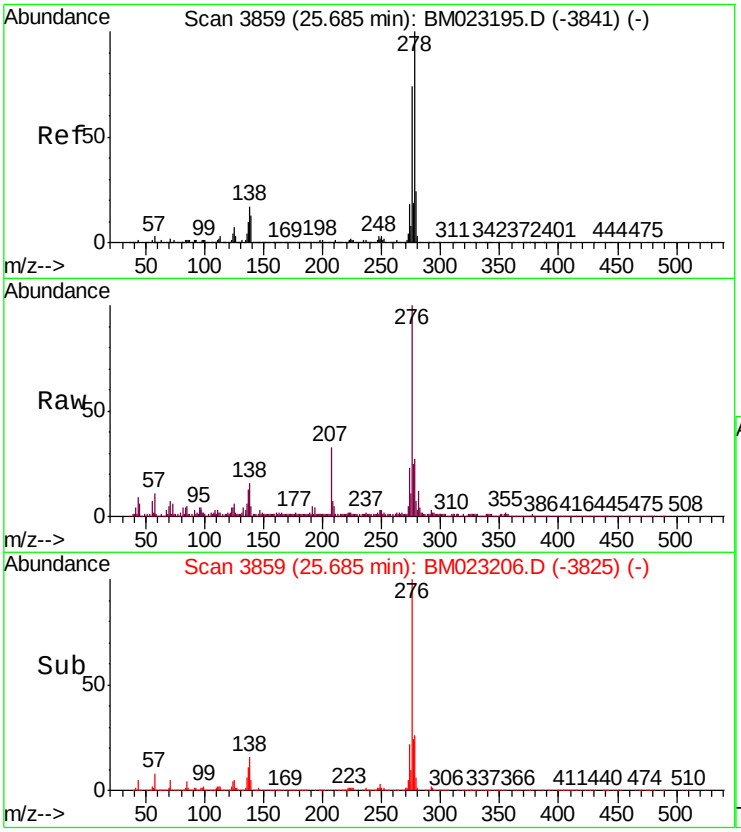


#92
Indeno(1,2,3-cd)pyrene
Concen: 8.647 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:276 Resp: 1288159

Ion	Ratio	Lower	Upper
276	100		
138	18.4	14.9	22.3
277	25.3	19.8	29.8



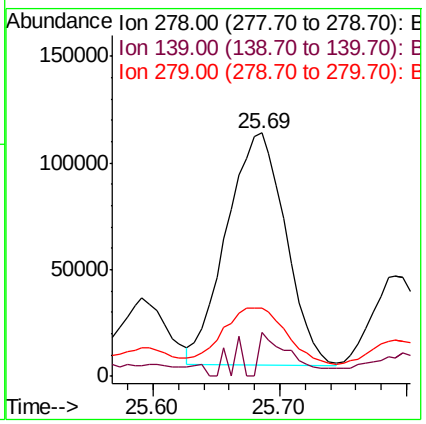


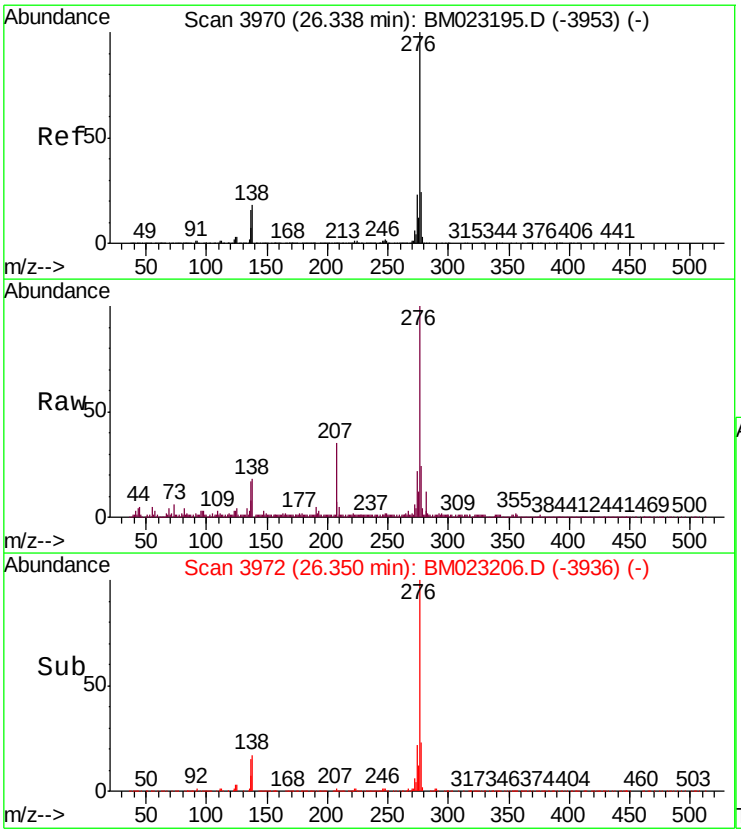
#93
Dibenzo(a,h)anthracene
Concen: 2.815 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.00 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Instrument :
BNA_M
ClientSampleId :
BFB74

Tgt Ion:278 Resp: 350562

Ion	Ratio	Lower	Upper
278	100		
139	18.1	10.0	15.0#
279	27.8	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 10.546 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. 0.01 min
Lab File: BM023206.D
Acq: 17 Oct 2019 00:33

Tgt Ion:276 Resp: 1293481

Ion	Ratio	Lower	Upper
276	100		
138	17.5	14.4	21.6
277	24.4	19.4	29.2