Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023833.D
Acq On : 21 Nov 2019 17:31
Operator : JU
Sample : K5851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Time: Nov 22 05:50:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	328624	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.29	136	1352211	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	830256	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	1783854	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	1745304	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2116623	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	14821	1.86	ng/uL	0.00
5) Phenol-d5	6.70	99	406889	13.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	233865	13.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	324892	14.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	315748	13.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.66	128	153509	15.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	167376	16.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	322036	13.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	318755	12.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	967511	14.94	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	1161937	15.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	92669	8.38	ng/ul	0.00
58) Fluorene-d10	15.17	176	887697	15.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	65627	6.36	ng/ul	0.00
71) Anthracene-d10	17.02	188	1431087	16.91	ng/ul	0.00
79) Pyrene-d10	19.33	212	1558628	17.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	1885831	16.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.33	128	118856	1.672	ng/ul	97
45) Dimethylphthalate	13.64	163	456915	7.201	ng/ul	100
48) Acenaphthylene	13.89	152	548206	7.370	ng/ul	100
50) Acenaphthene	14.23	153	115231	2.183	ng/ul	100
54) Dibenzofuran	14.57	168	334257	4.277	ng/ul	98
59) Fluorene	15.23	166	746663	11.778	ng/ul	100
70) Phenanthrene	16.97	178	7843887	79.830	ng/ul	99
72) Anthracene	17.06	178	1878351	19.012	ng/ul	100
75) Carbazole	17.33	167	445512	5.409	ng/ul	99
77) Fluoranthene	19.14	202	283494	2.693	ng/ul	96
80) Pyrene	19.36	202	8863842	78.571	ng/ul	99
83) Benzo(a)anthracene	21.12	228	4450741	38.661	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.07	149	71746	1.330	ng/ul#	97
85) Chrysene	21.17	228	4120410	38.018	ng/ul	97
88) Benzo(b)fluoranthene	22.65	252	5491350	40.698	ng/ul	98
89) Benzo(k)fluoranthene	22.65	252	5491350	42.244	ng/ul#	96
91) Benzo(a)pyrene	23.19	252	3943769	31.928	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.43	276	2712403	20.536	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	713861	6.404	ng/ul#	83
94) Benzo(g,h,i)perylene	26.07	276	2567230	23.986	ng/ul	97

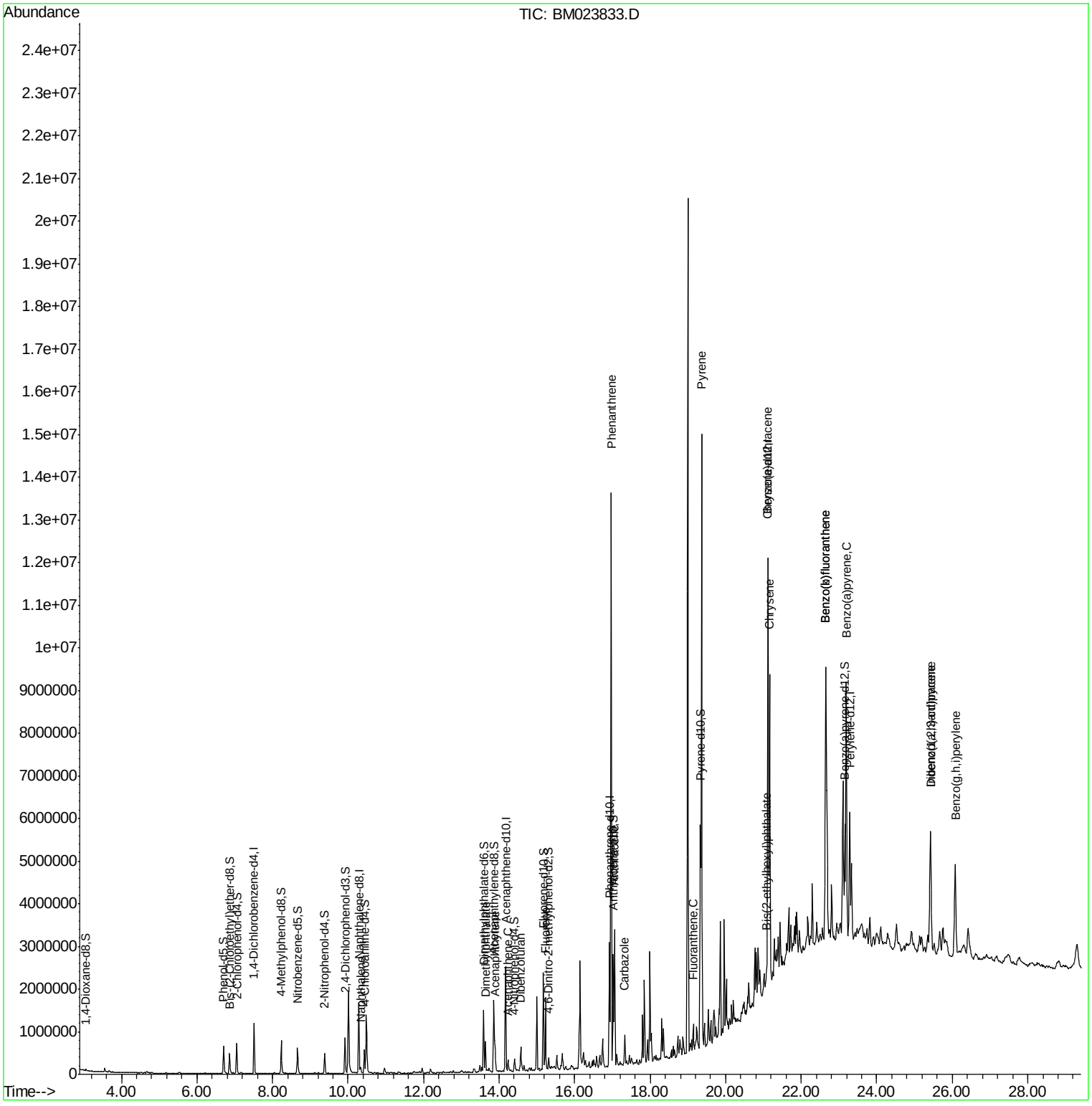
(#) = qualifier out of range (m) = manual integration (+) = signals summed

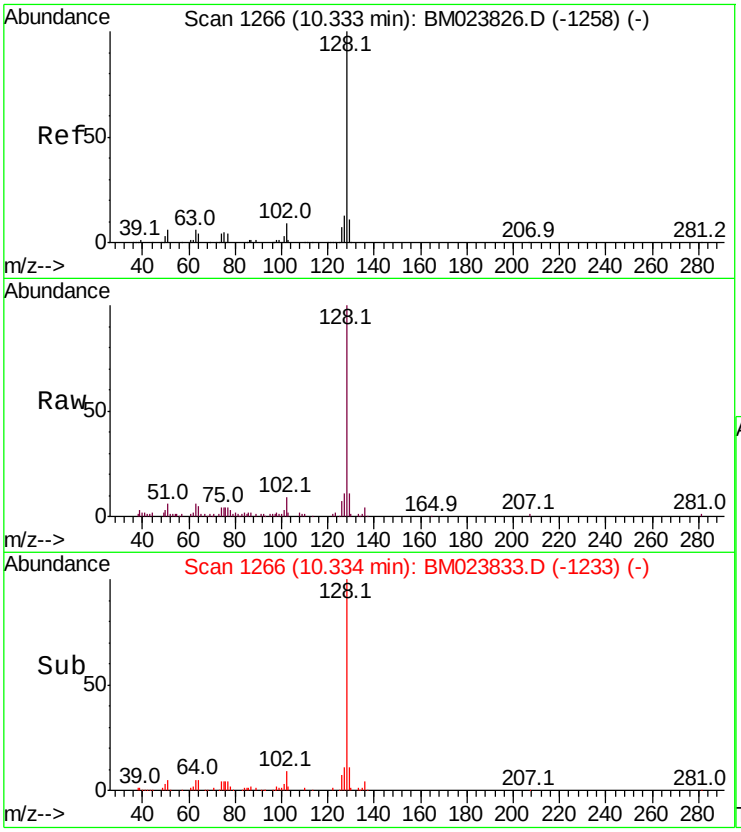
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112119\
Data File : BM023833.D
Acq On : 21 Nov 2019 17:31
Operator : JU
Sample : K5851-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AA8

Quant Time: Nov 22 05:50:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 21 16:09:32 2019
Response via : Initial Calibration



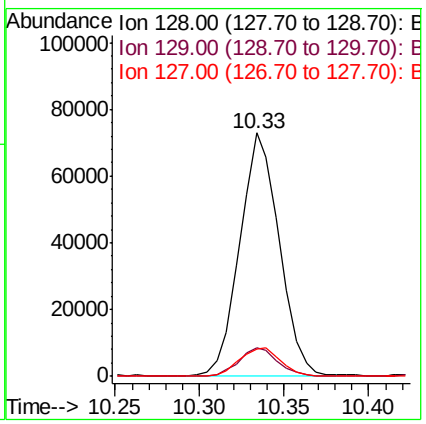


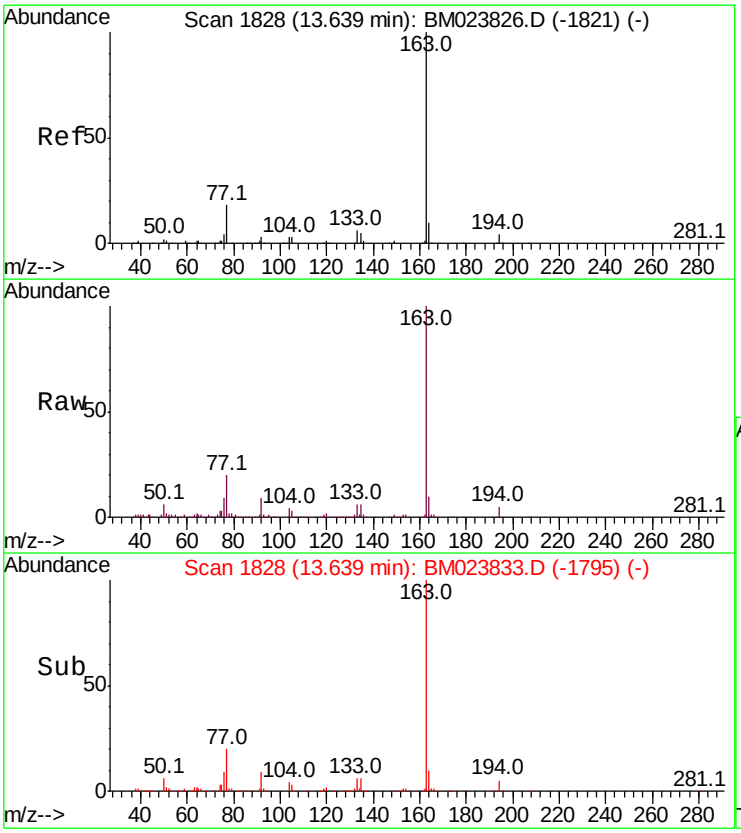
#28
Naphthalene
Concen: 1.672 ng/ul
RT: 10.33 min Scan# 1266
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:128 Resp: 118856

Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.7	13.1
127	11.4	10.6	16.0

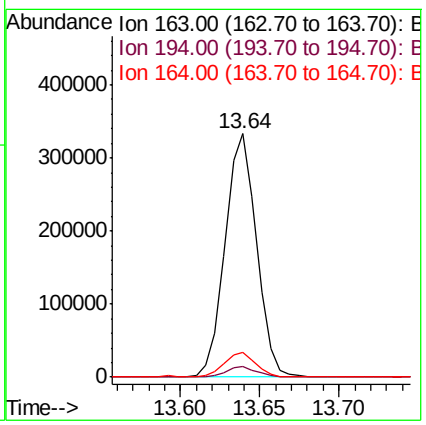


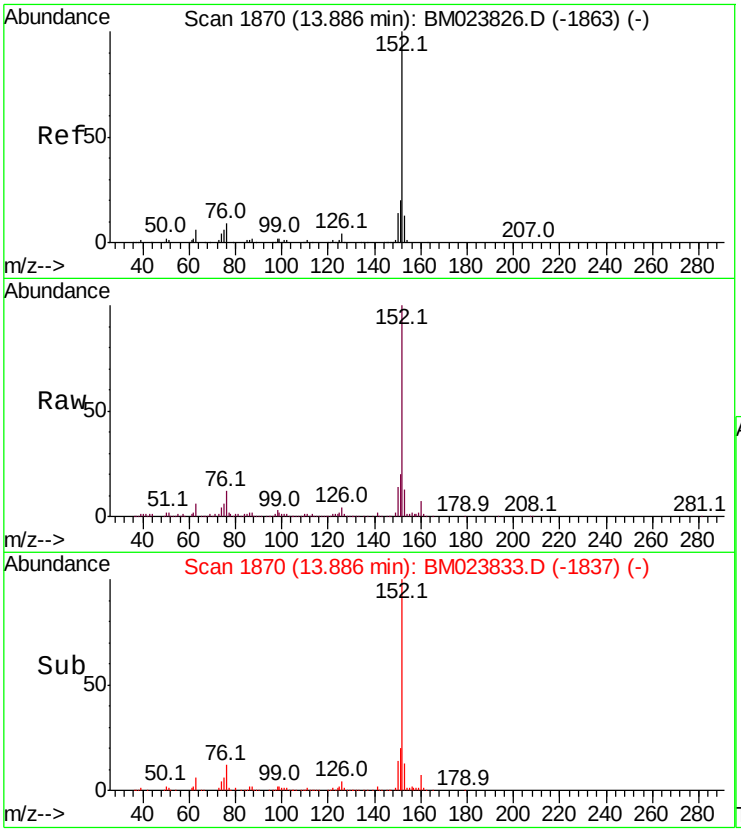


#45
Dimethylphthalate
Concen: 7.201 ng/ul
RT: 13.64 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:163 Resp: 456915

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.1	8.0	12.0



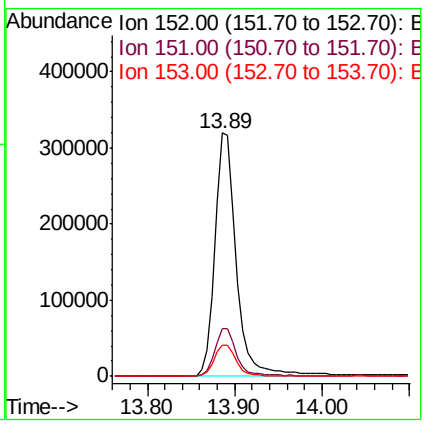


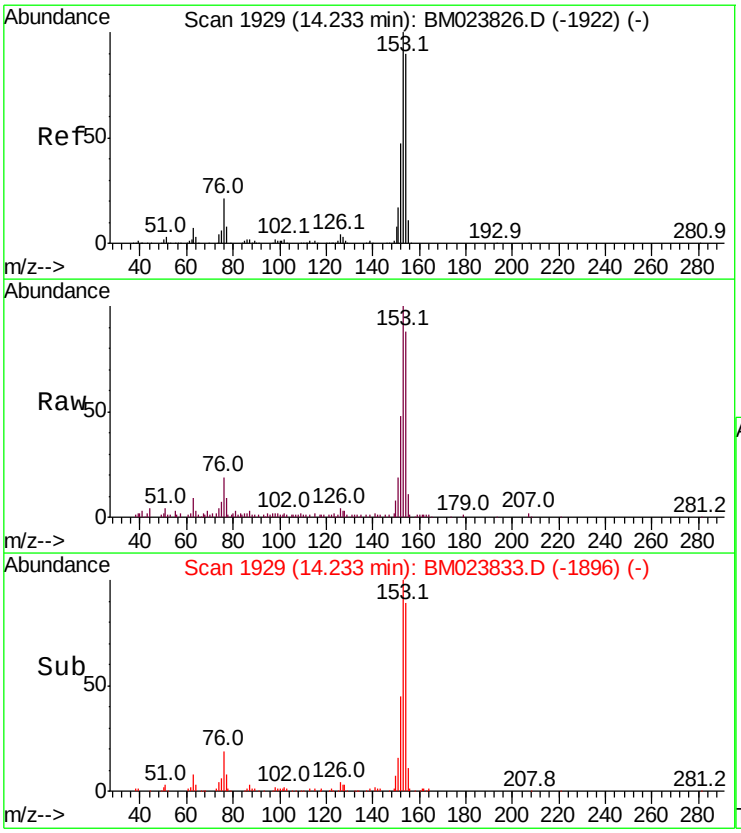
#48
Acenaphthylene
Concen: 7.370 ng/ul
RT: 13.89 min Scan# 1870
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:152 Resp: 548206

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	12.8	10.4	15.6

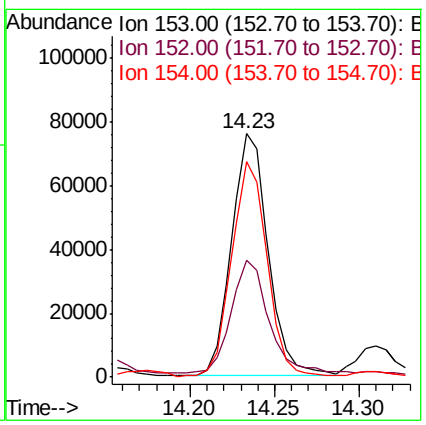


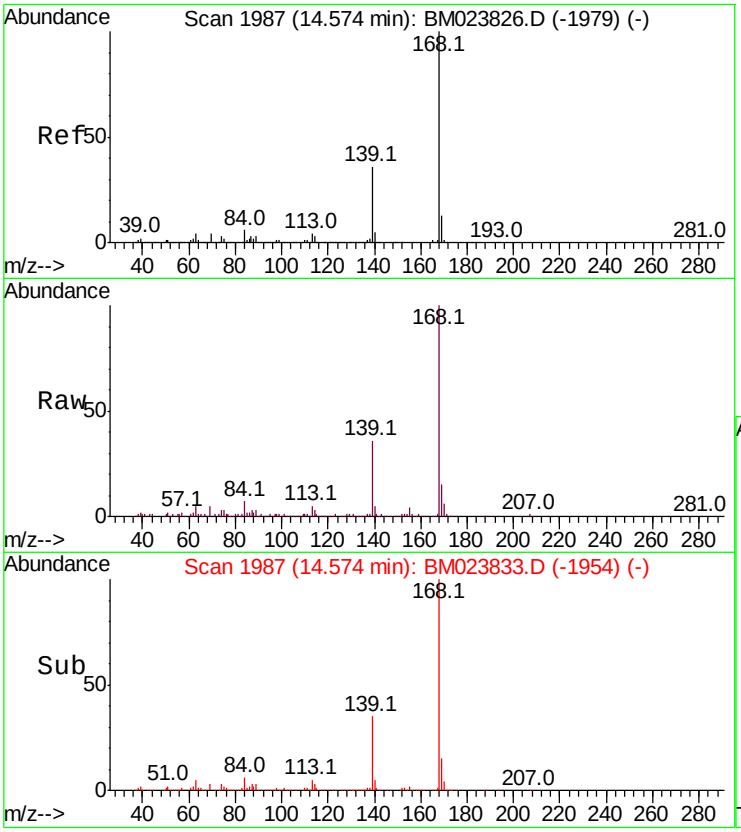


#50
Acenaphthene
Concen: 2.183 ng/ul
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:153 Resp: 115231

Ion	Ratio	Lower	Upper
153	100		
152	47.8	37.7	56.5
154	88.4	70.6	106.0



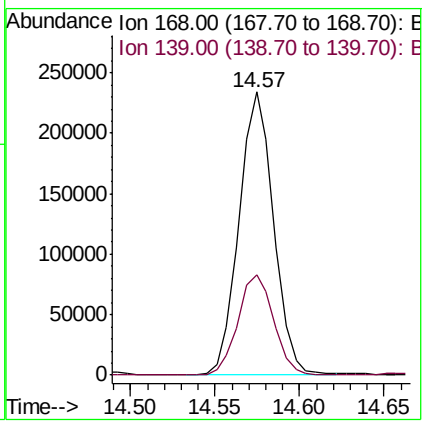


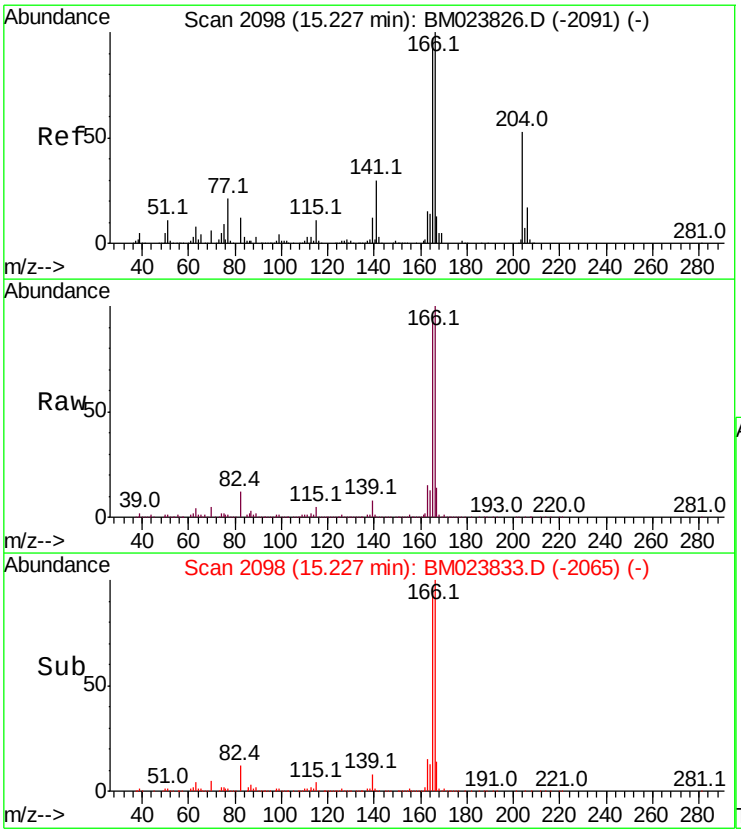
#54
Dibenzofuran
Concen: 4.277 ng/ul
RT: 14.57 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:168 Resp: 334257

Ion	Ratio	Lower	Upper
168	100		
139	35.6	29.3	43.9

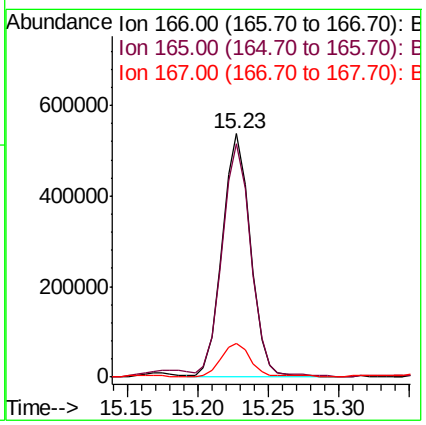


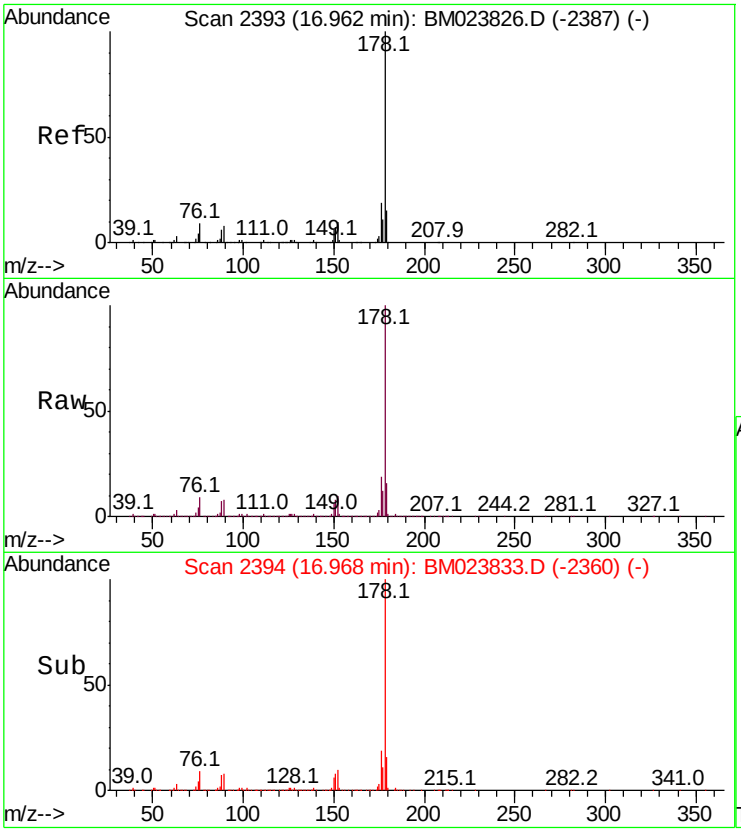


#59
Fluorene
Concen: 11.778 ng/ul
RT: 15.23 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:166 Resp: 746663

Ion	Ratio	Lower	Upper
166	100		
165	96.1	77.2	115.8
167	13.8	10.9	16.3



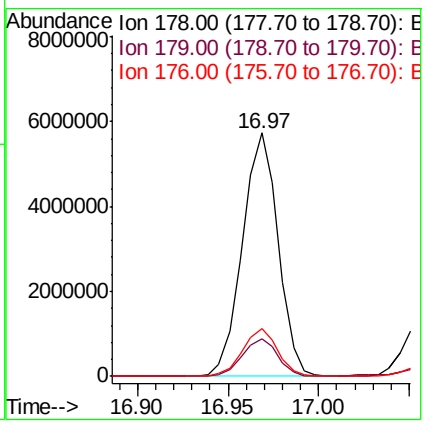


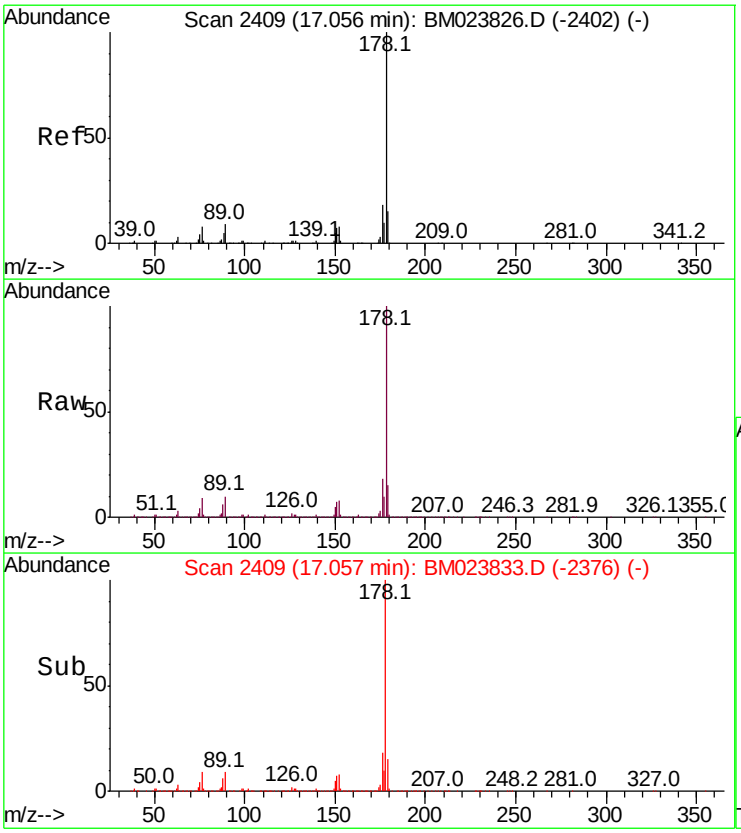
#70
Phenanthrene
Concen: 79.830 ng/ul
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:178 Resp: 7843887

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.4	15.0	22.6

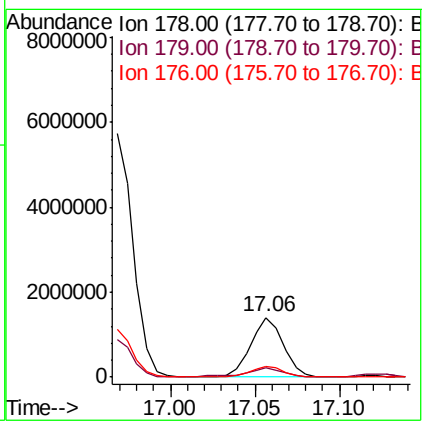


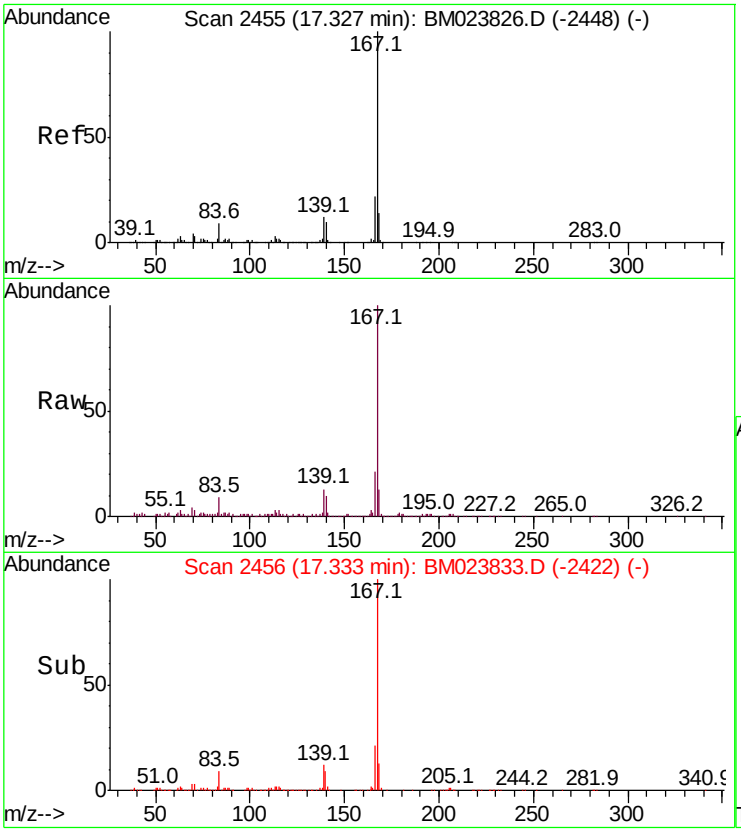


#72
Anthracene
Concen: 19.012 ng/ul
RT: 17.06 min Scan# 2409
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:178 Resp: 1878351

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.3	14.7	22.1



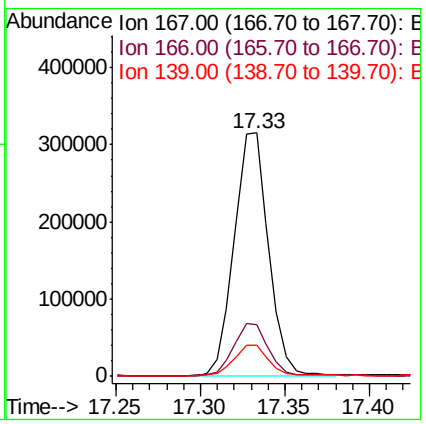


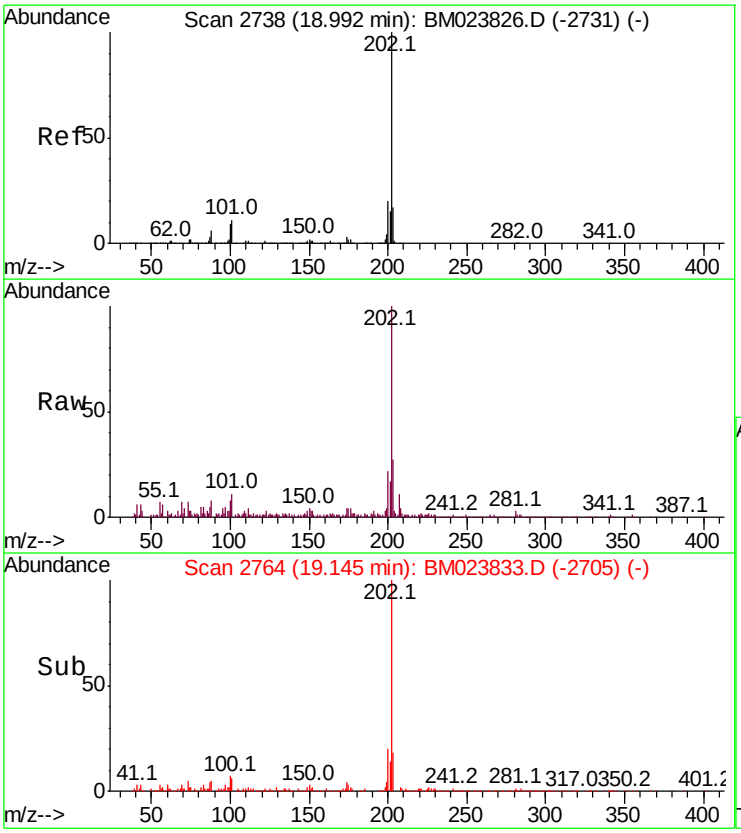
#75
Carbazole
Concen: 5.409 ng/ul
RT: 17.33 min Scan# 2456
Delta R.T. 0.00 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:167 Resp: 445512

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	9.8	14.6

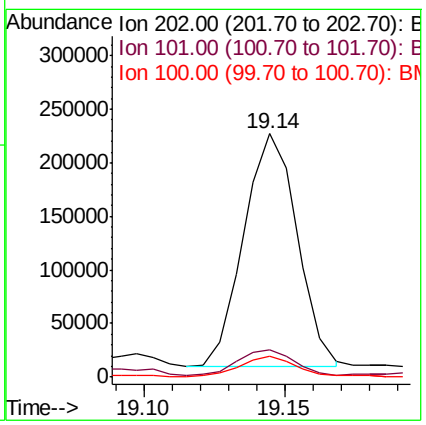


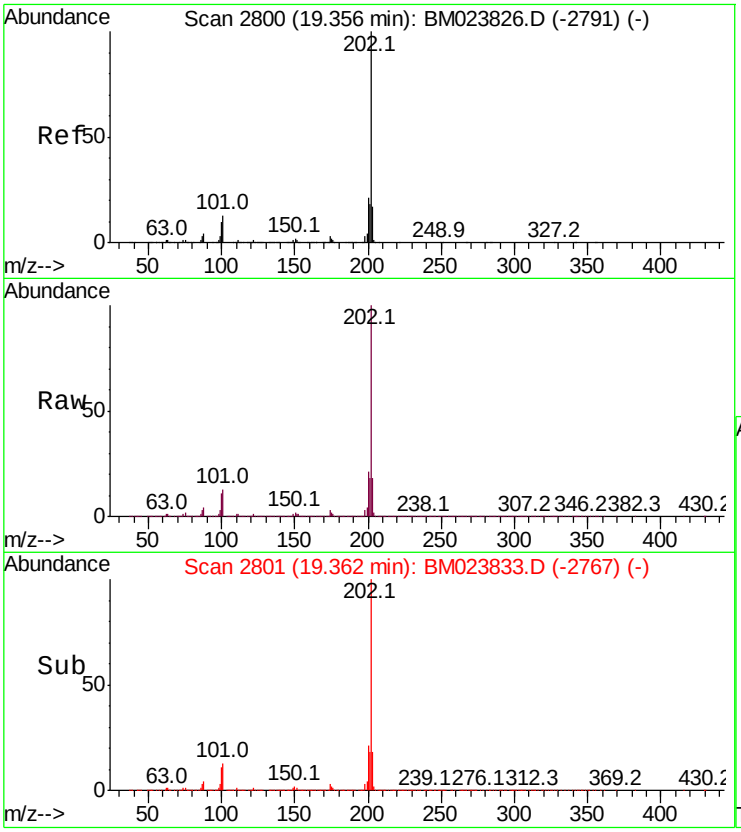


#77
Fluoranthene
Concen: 2.693 ng/ul
RT: 19.14 min Scan# 2764
Delta R.T. 0.15 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:202 Resp: 283494

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.7	11.5
100	8.5	6.0	9.0



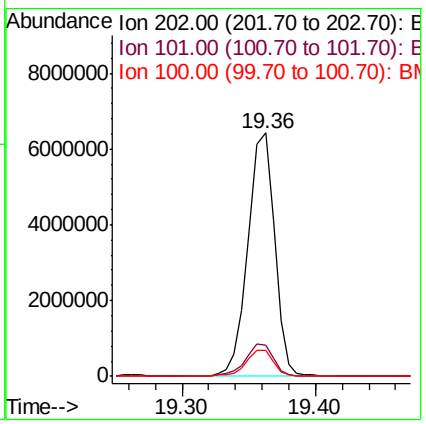


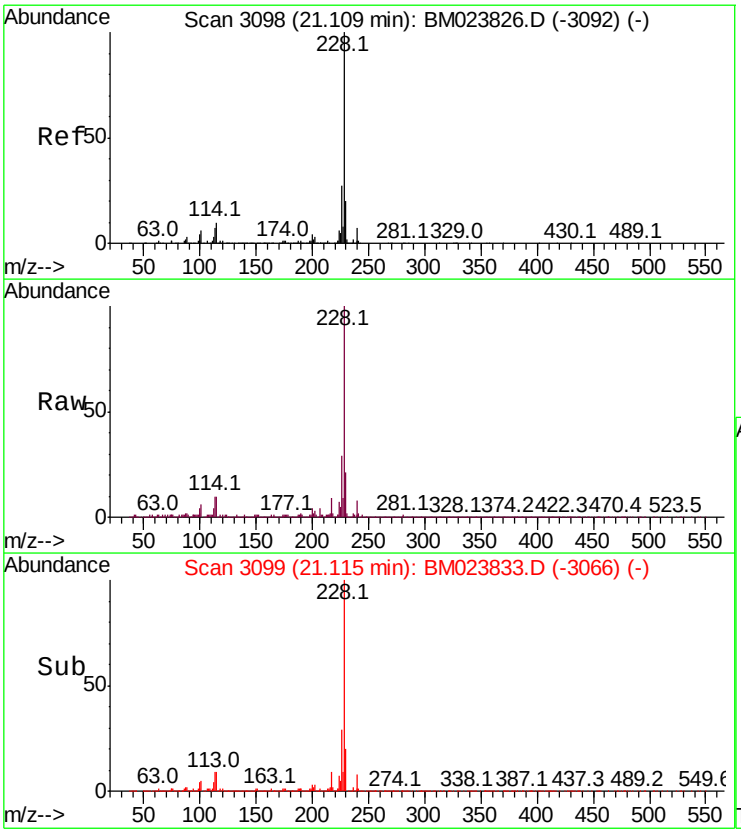
#80
Pyrene
Concen: 78.571 ng/ul
RT: 19.36 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:202 Resp: 8863842

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.8	14.6
100	10.5	8.1	12.1

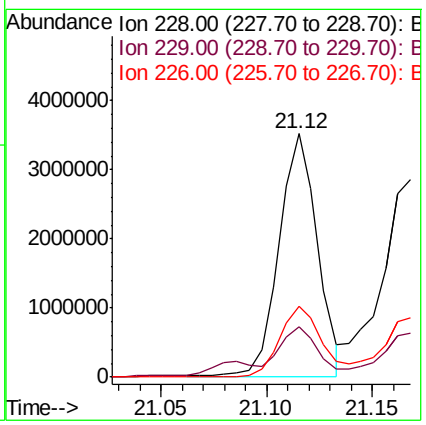


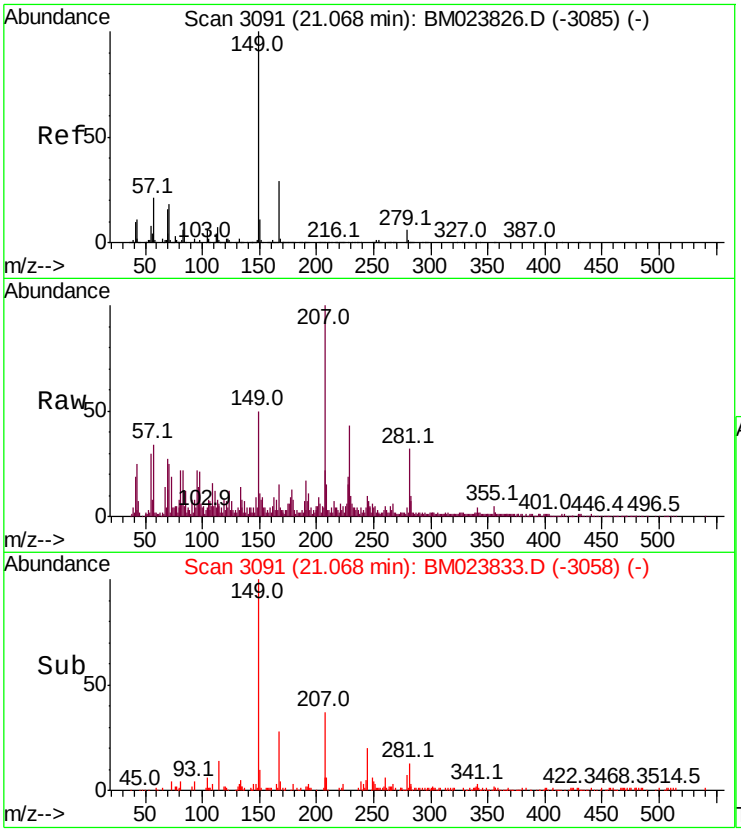


#83
Benzo(a)anthracene
Concen: 38.661 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:228 Resp: 4450741

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.9	21.4	32.2



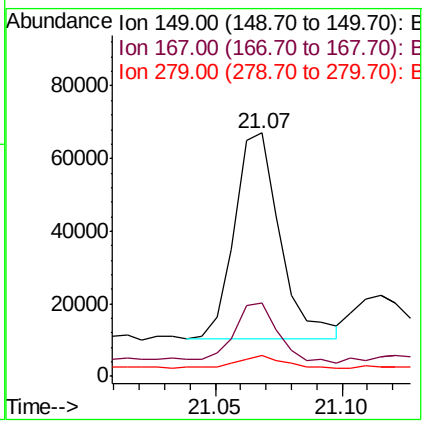


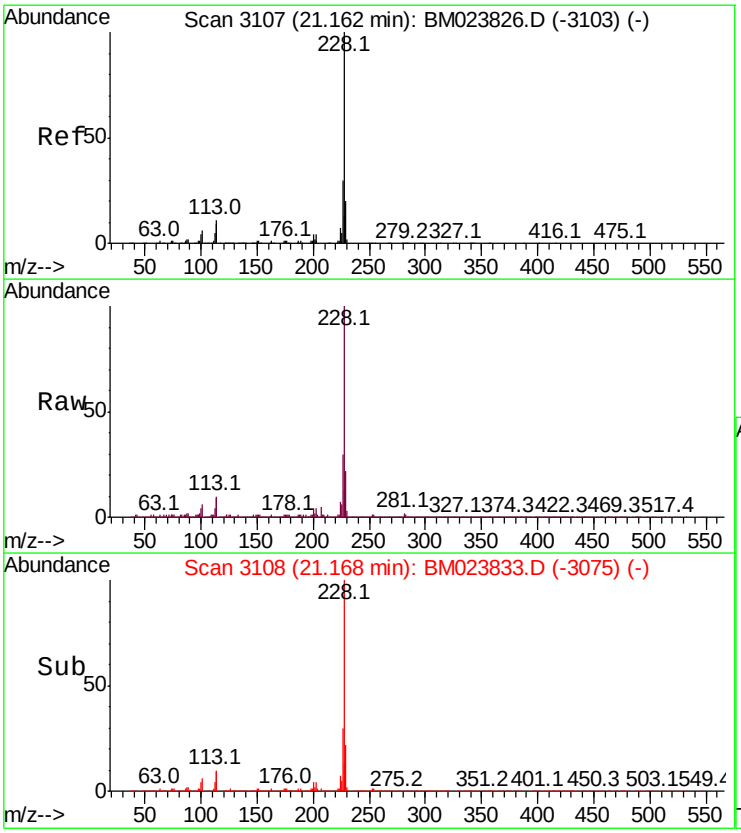
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.330 ng/ul
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:149 Resp: 71746

Ion	Ratio	Lower	Upper
149	100		
167	30.3	23.4	35.2
279	8.3	5.0	7.4#

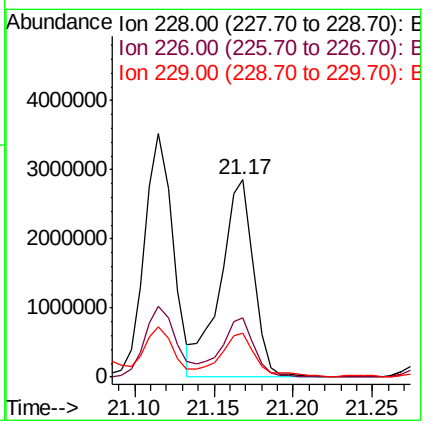


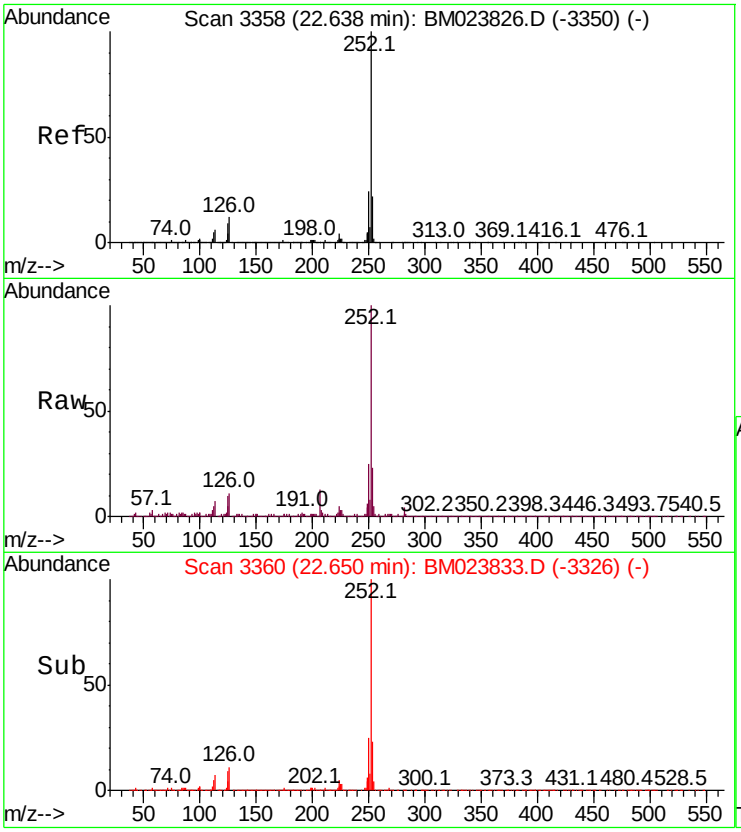


#85
Chrysene
Concen: 38.018 ng/ul
RT: 21.17 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:228 Resp: 4120410

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.8	35.8
229	22.4	15.8	23.6



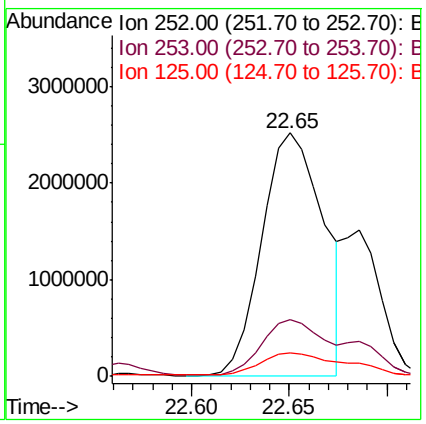


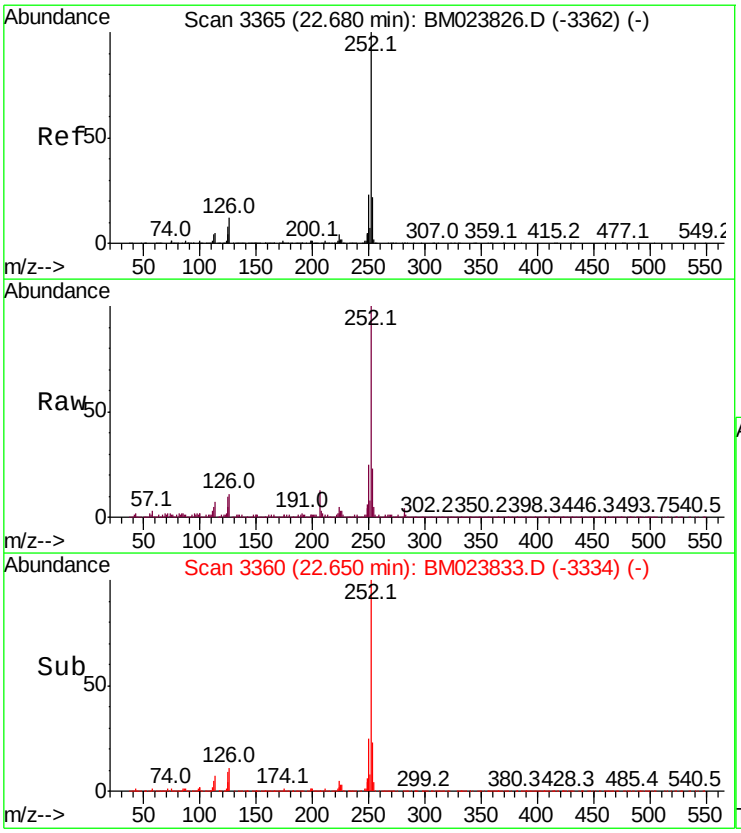
#88
Benzo(b)fluoranthene
Concen: 40.698 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:252 Resp: 5491350

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.8
125	9.7	6.5	9.7

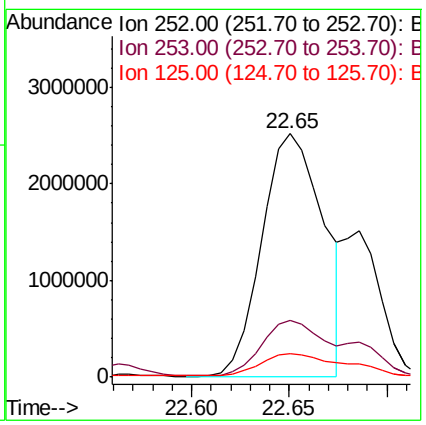


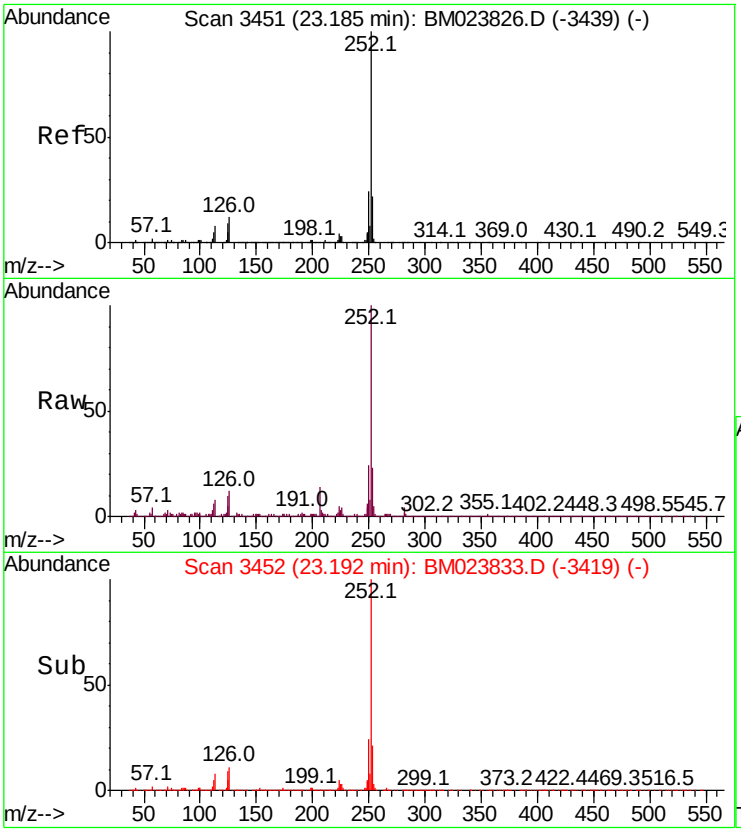


#89
Benzo(k)fluoranthene
Concen: 42.244 ng/ul
RT: 22.65 min Scan# 3360
Delta R.T. -0.05 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:252 Resp: 5491350

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	9.7	5.9	8.9#



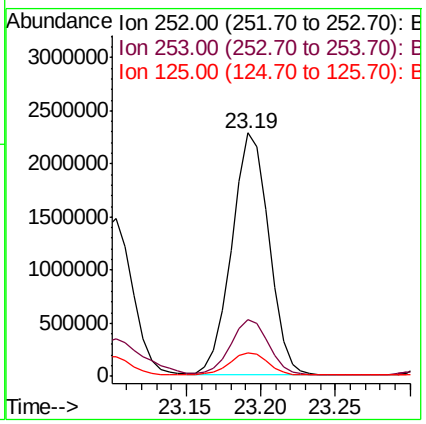


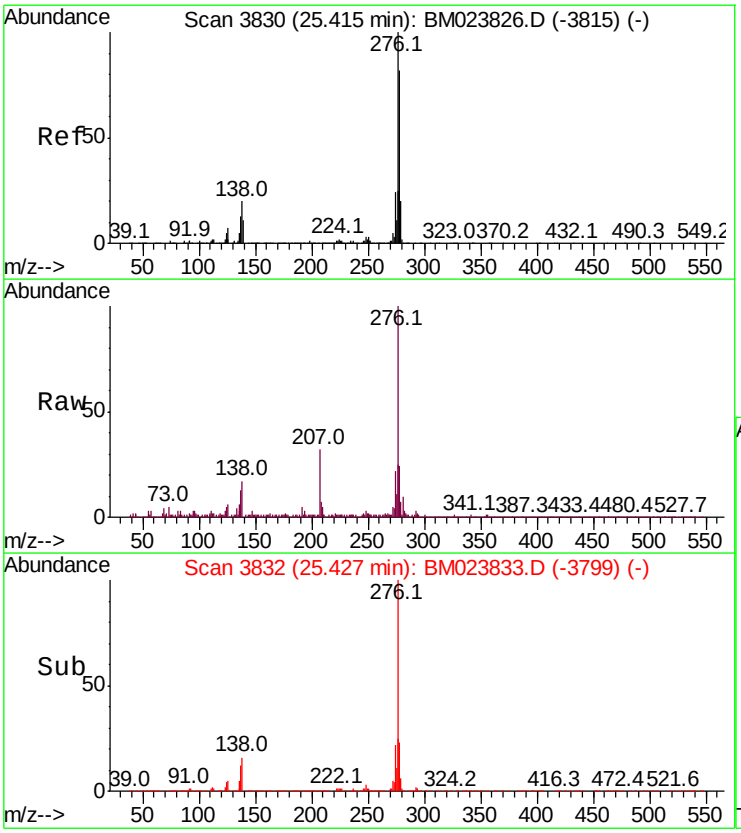
#91
Benzo(a)pyrene
Concen: 31.928 ng/ul
RT: 23.19 min Scan# 3452
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:252 Resp: 3943769

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.3	25.9
125	9.8	6.9	10.3

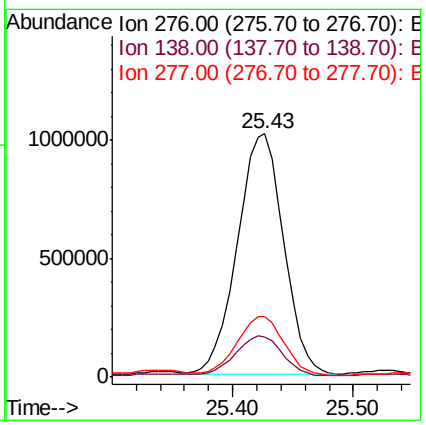


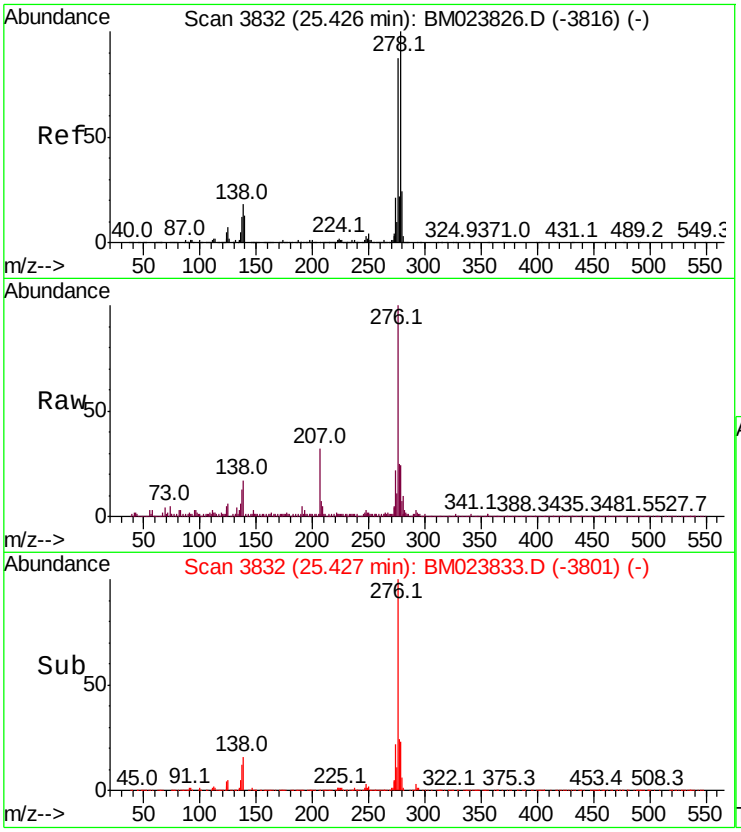


#92
Indeno(1,2,3-cd)pyrene
Concen: 20.536 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:276 Resp: 2712403

Ion	Ratio	Lower	Upper
276	100		
138	16.7	15.0	22.4
277	25.1	20.0	30.0



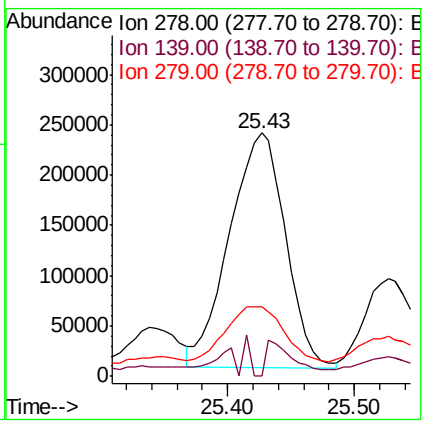


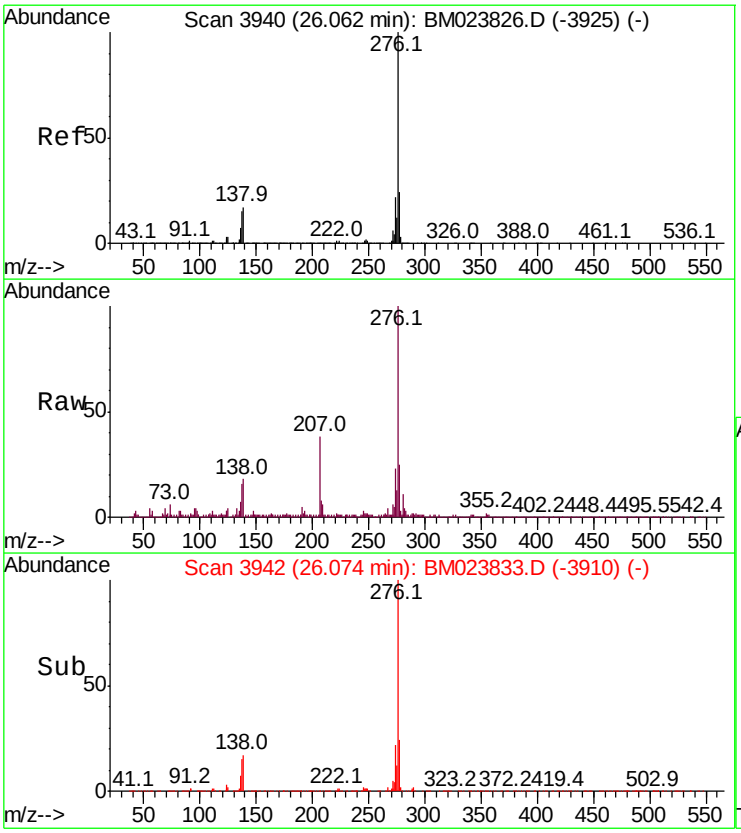
#93
Dibenzo(a,h)anthracene
Concen: 6.404 ng/ul
RT: 25.43 min Scan# 3832
Delta R.T. -0.02 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Instrument :
BNA_M
ClientSampleId :
C0AA8

Tgt Ion:278 Resp: 713861

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	28.7	19.0	28.6#





#94
Benzo(g,h,i)perylene
Concen: 23.986 ng/ul
RT: 26.07 min Scan# 3942
Delta R.T. -0.01 min
Lab File: BM023833.D
Acq: 21 Nov 2019 17:31

Tgt Ion:276 Resp: 2567230

Ion	Ratio	Lower	Upper
276	100		
138	17.5	13.2	19.8
277	24.7	18.6	28.0