Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

Quantitation Report (Not Reviewed)

Data File : BM023335.D
Acq On : 23 Oct 2019 00:55
Operator : JU
Sample : K5354-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB87

Quant Time: Oct 23 04:30:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 04:28:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	393551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1570687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	983222	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2067207	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2095962	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2569533	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	29982	3.35	ng/uL	0.00
5) Phenol-d5	6.83	99	587868	17.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	337110	17.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	483310	18.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	474335	17.23	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	233402	21.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	257850	25.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	494084	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	156009	4.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1543412	20.48	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1799806	20.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	207509	17.01	ng/ul	0.00
58) Fluorene-d10	15.29	176	1359831	21.18	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	150674	18.38	ng/ul	0.00
71) Anthracene-d10	17.14	188	2146255	21.53	ng/ul	0.00
79) Pyrene-d10	19.43	212	2363479	23.28	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2864056	21.99	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	65652	1.857	ng/ul	98
45) Dimethylphthalate	13.76	163	615953	8.167	ng/ul	99
48) Acenaphthylene	14.01	152	134767	1.491	ng/ul	98
59) Fluorene	15.34	166	77333	1.055	ng/ul#	99
70) Phenanthrene	17.08	178	1503226	12.957	ng/ul	99
72) Anthracene	17.17	178	334836	2.793	ng/ul	98
75) Carbazole	17.44	167	143924	1.344	ng/ul	97
77) Fluoranthene	19.10	202	2515516	18.232	ng/ul	99
80) Pyrene	19.46	202	2285348	17.405	ng/ul	98
83) Benzo(a)anthracene	21.22	228	1266626	8.919	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.17	149	96881	1.334	ng/ul#	95
85) Chrysene	21.26	228	1318014	9.995	ng/ul	96
88) Benzo(b)fluoranthene	22.78	252	1872328	12.018	ng/ul	97
89) Benzo(k)fluoranthene	22.78	252	1872328	12.516	ng/ul	97
91) Benzo(a)pyrene	23.34	252	1388286	9.288	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.64	276	1022992	5.753	ng/ul	96
93) Dibenzo(a,h)anthracene	25.64	278	284717	1.915	ng/ul#	90
94) Benzo(g,h,i)perylene	26.32	276	967337	6.607	ng/ul	97

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

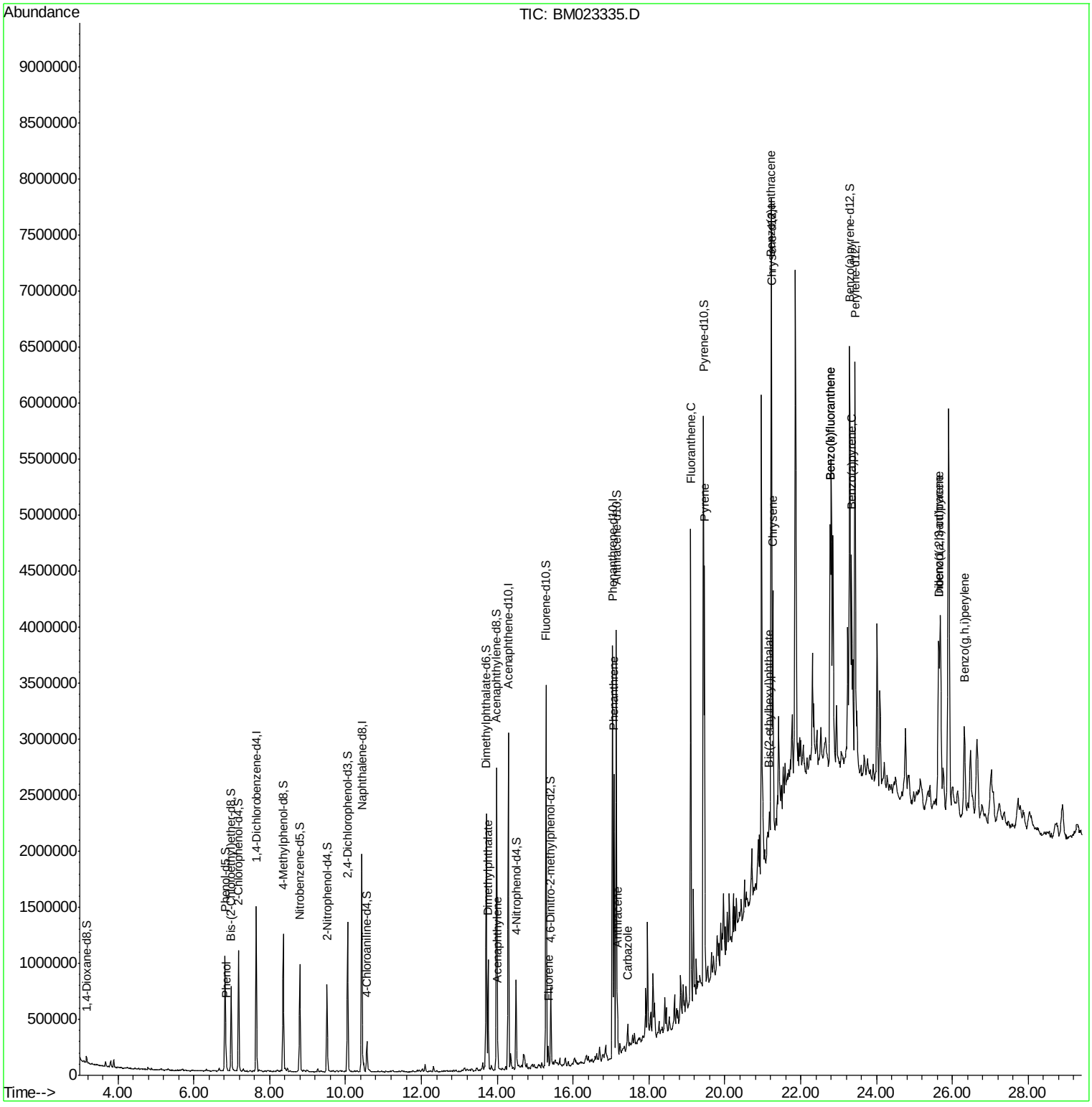
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

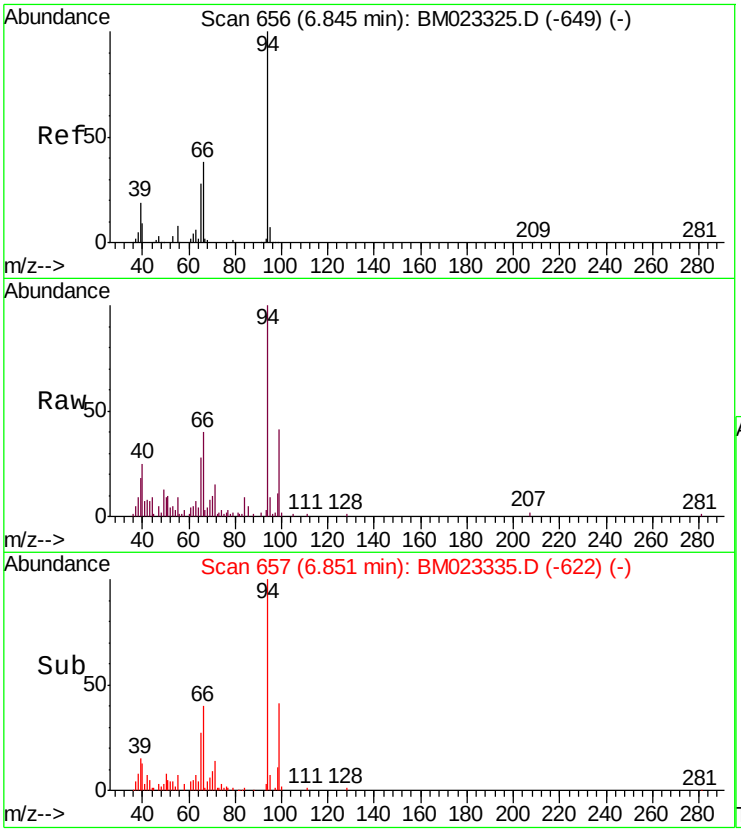
Quantitation Report (Not Reviewed)

Data File : BM023335.D
Acq On : 23 Oct 2019 00:55
Operator : JU
Sample : K5354-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB87

Quant Time: Oct 23 04:30:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 04:28:20 2019
Response via : Initial Calibration



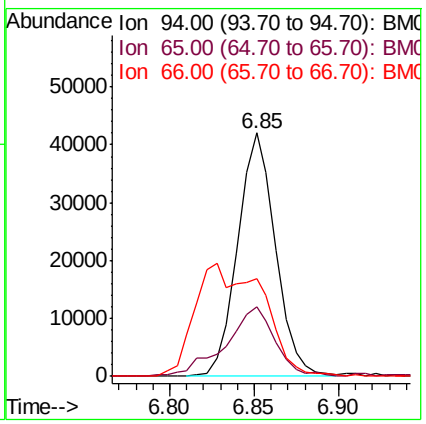


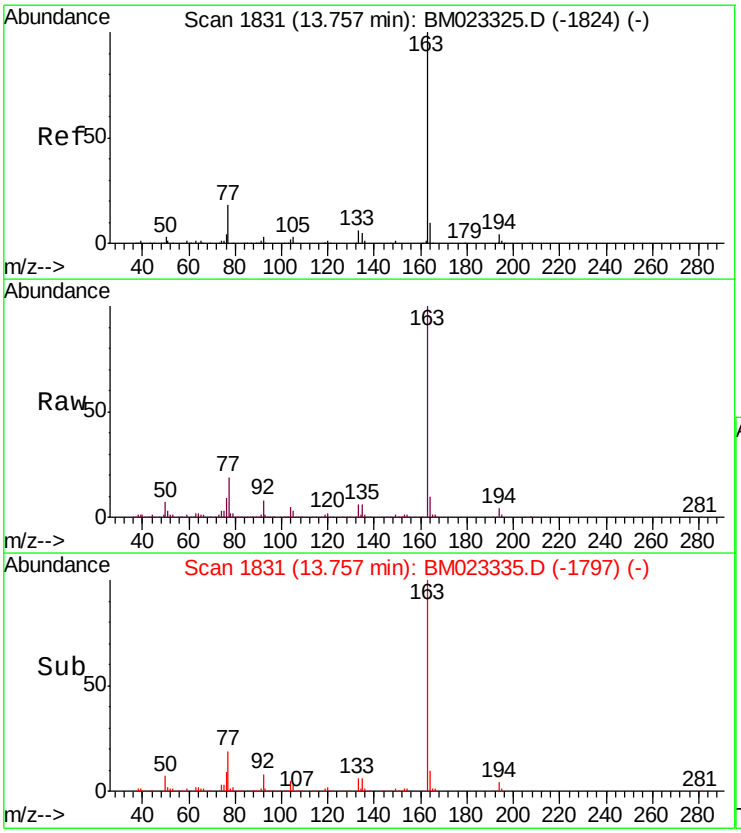
#6
Phenol
Concen: 1.857 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion: 94 Resp: 65652

Ion	Ratio	Lower	Upper
94	100		
65	28.3	23.2	34.8
66	40.0	32.9	49.3

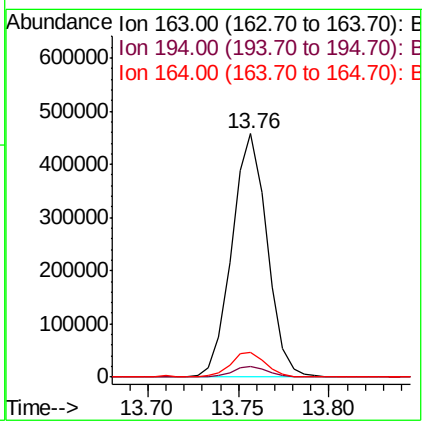


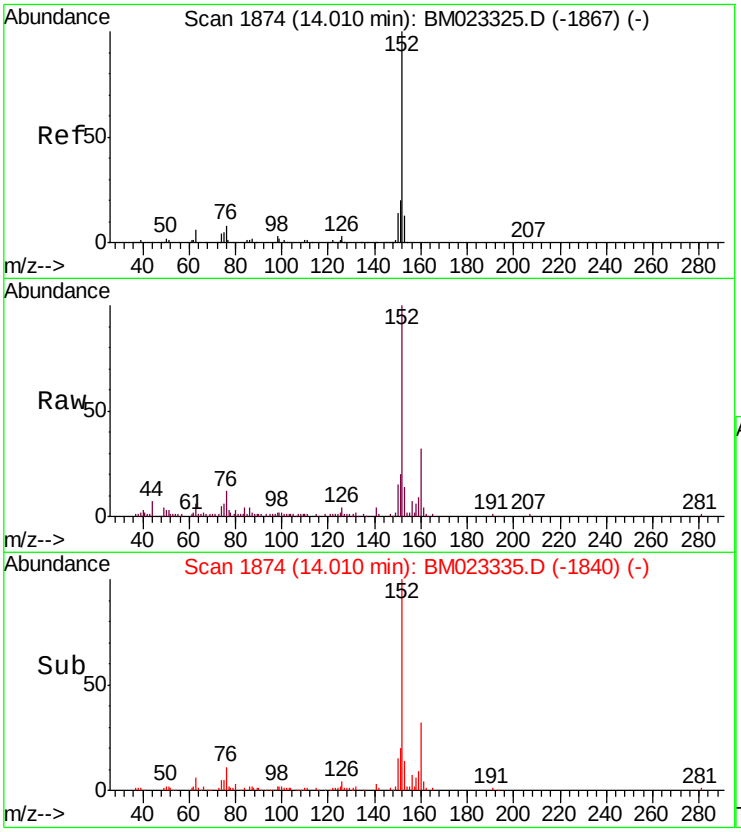


#45
Dimethylphthalate
Concen: 8.167 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:163 Resp: 615953

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	7.8	11.6



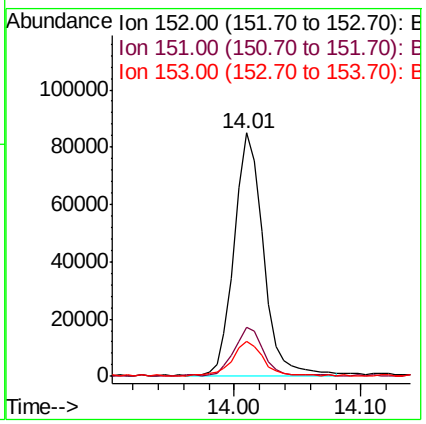


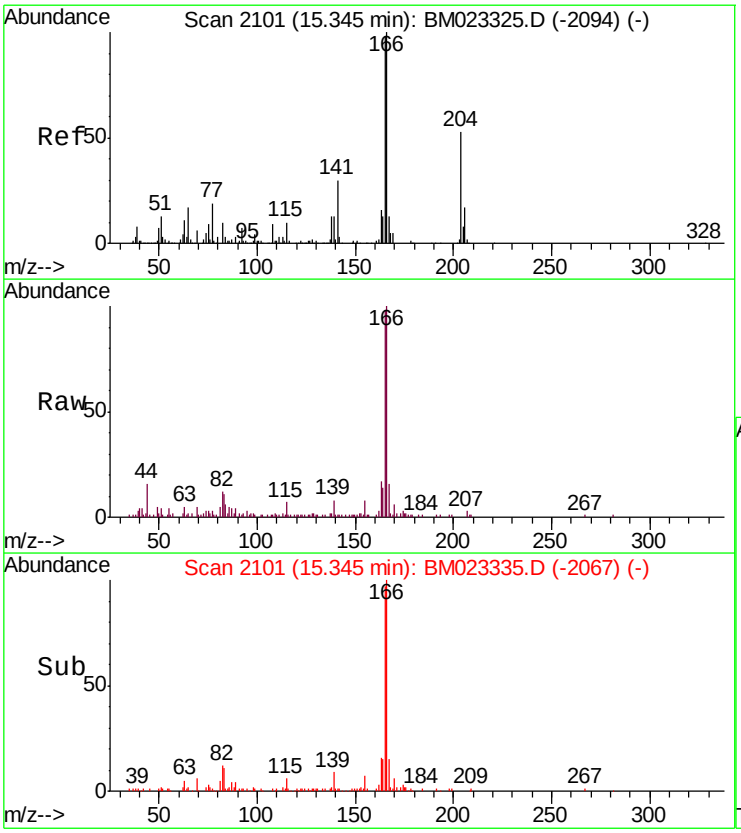
#48
Acenaphthylene
Concen: 1.491 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:152 Resp: 134767

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	14.4	10.3	15.5

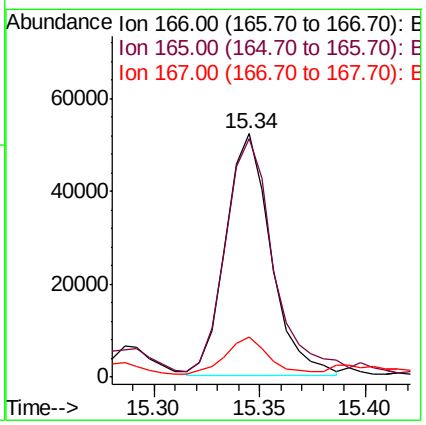


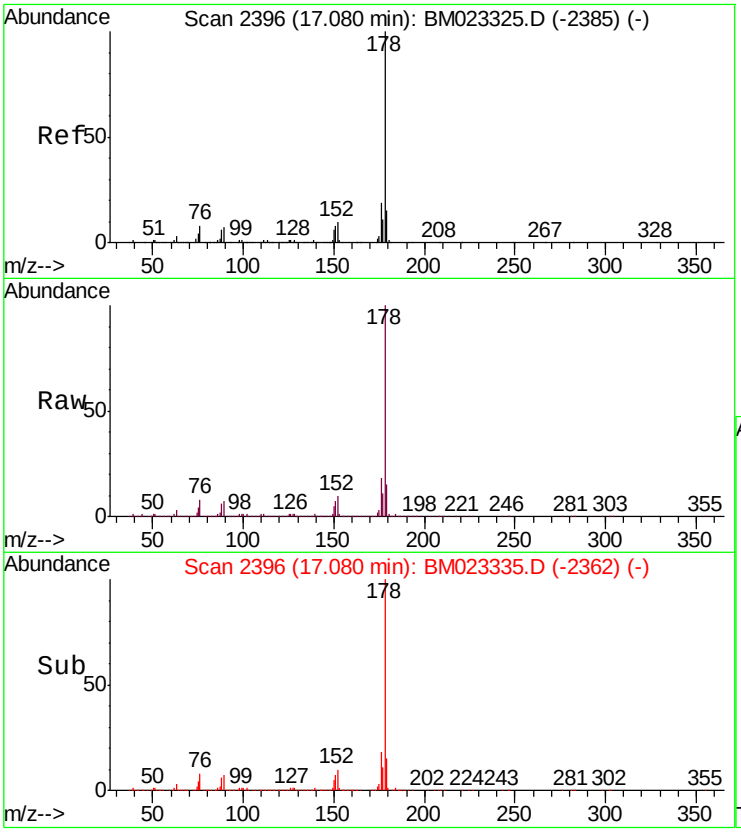


#59
Fluorene
Concen: 1.055 ng/ul
RT: 15.34 min Scan# 2101
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:166 Resp: 77333

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.3	117.5
167	16.4	10.7	16.1#



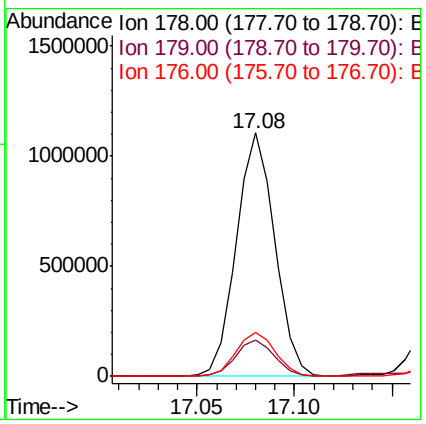


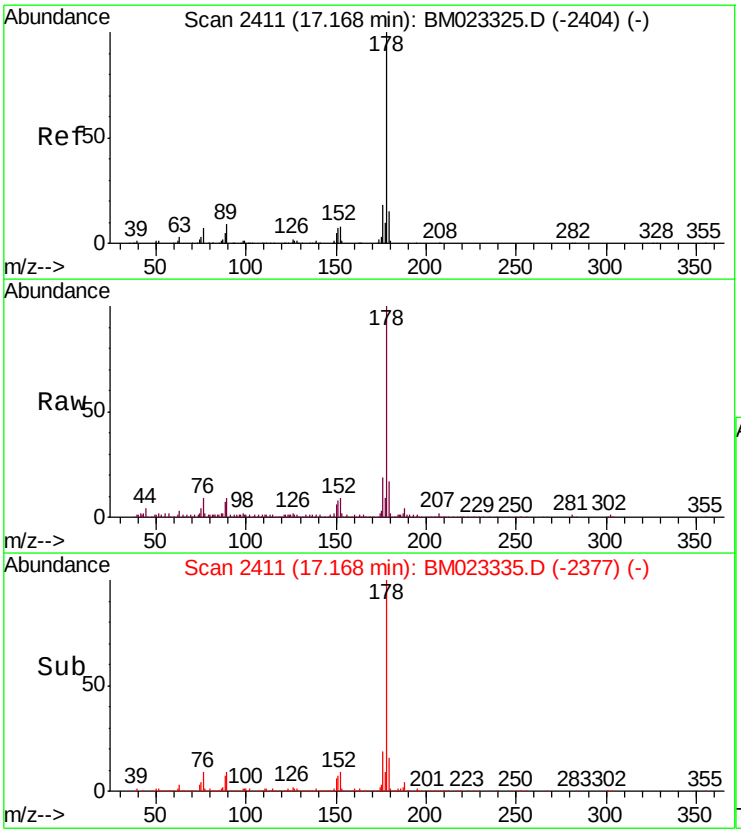
#70
Phenanthrene
Concen: 12.957 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:178 Resp: 1503226

Ion	Ratio	Lower	Upper
178	100		
179	15.1	11.7	17.5
176	18.0	15.0	22.4

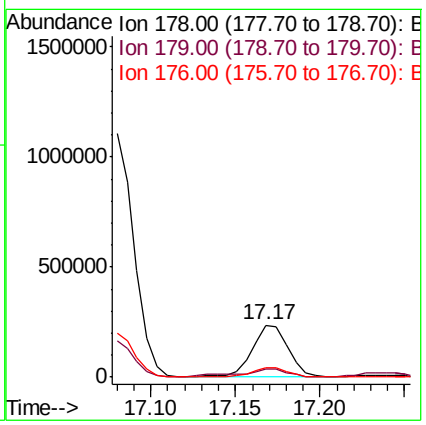


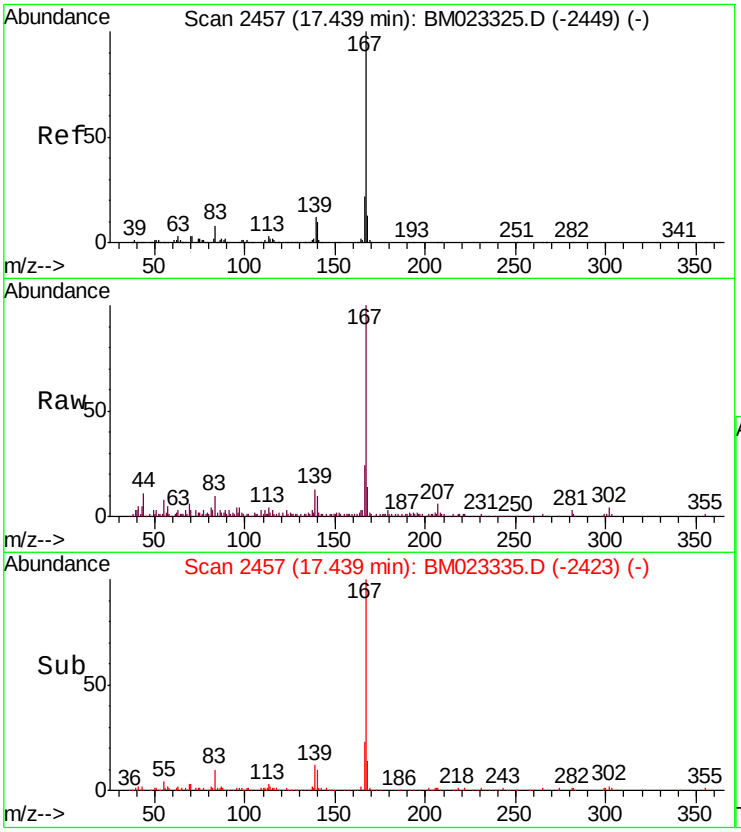


#72
Anthracene
Concen: 2.793 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:178 Resp: 334836

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.5	18.7
176	19.0	14.8	22.2



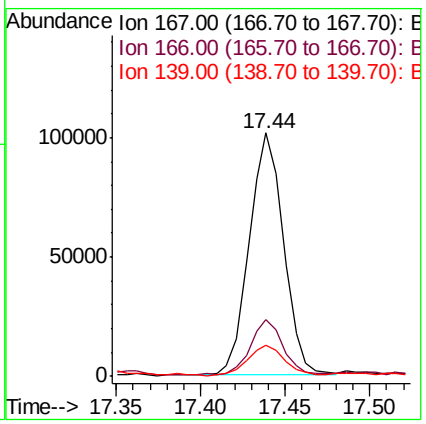


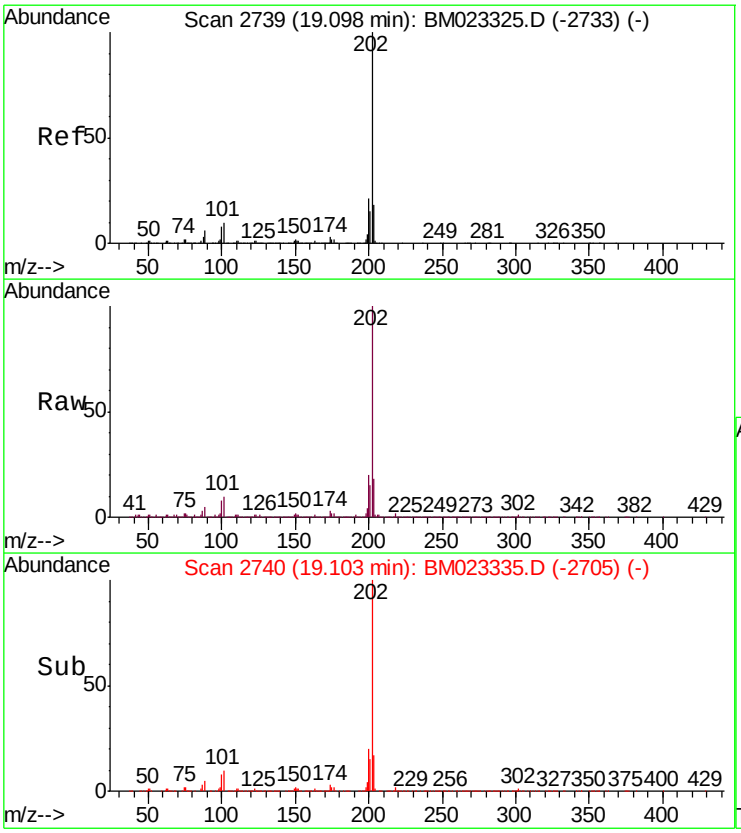
#75
Carbazole
Concen: 1.344 ng/ul
RT: 17.44 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:167 Resp: 143924

Ion	Ratio	Lower	Upper
167	100		
166	23.5	17.0	25.6
139	12.5	10.5	15.7

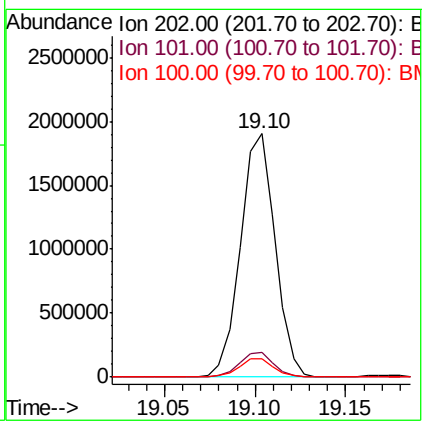


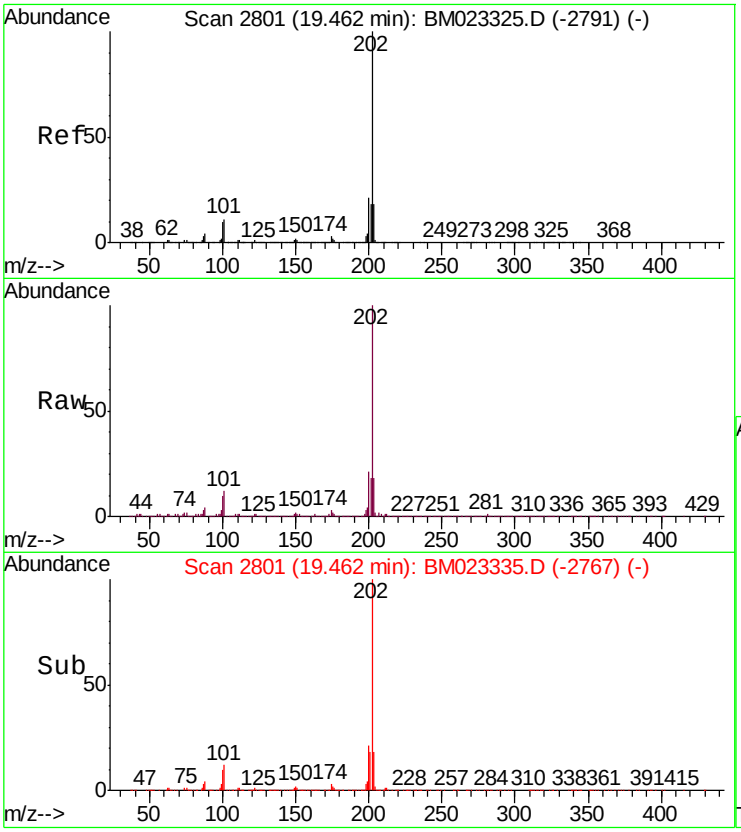


#77
Fluoranthene
Concen: 18.232 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:202 Resp: 2515516

Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.2	12.4
100	7.6	6.1	9.1



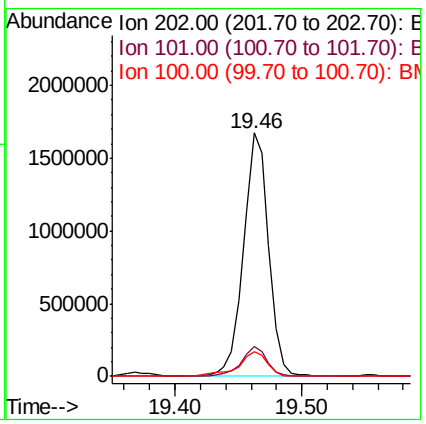


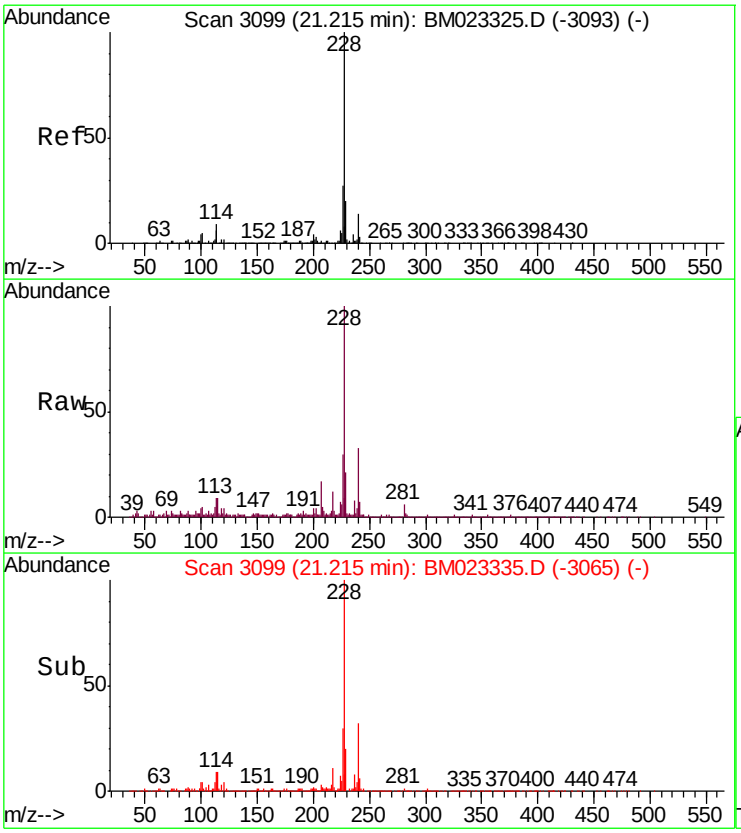
#80
Pyrene
Concen: 17.405 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:202 Resp: 2285348

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.0	13.6
100	10.2	7.5	11.3

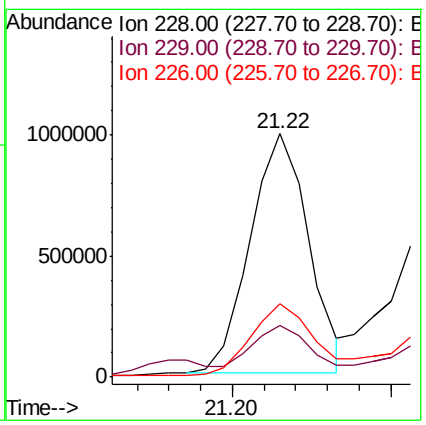


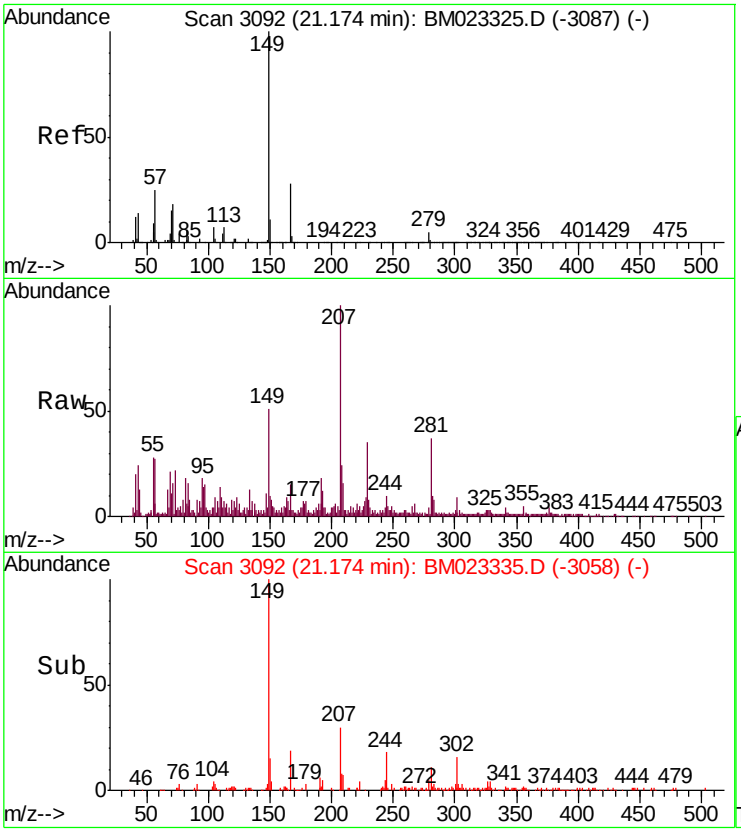


#83
Benzo(a)anthracene
Concen: 8.919 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:228 Resp: 1266626

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.8	23.8
226	30.0	21.5	32.3



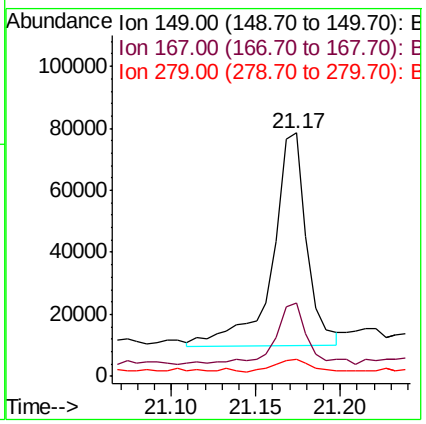


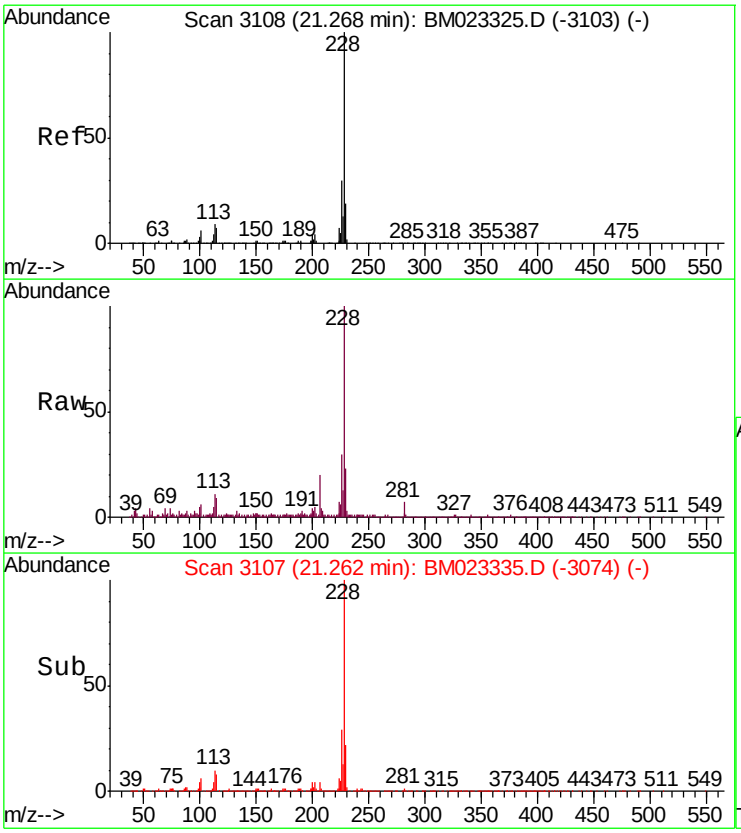
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.334 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:149 Resp: 96881

Ion	Ratio	Lower	Upper
149	100		
167	30.0	22.1	33.1
279	7.2	4.3	6.5#

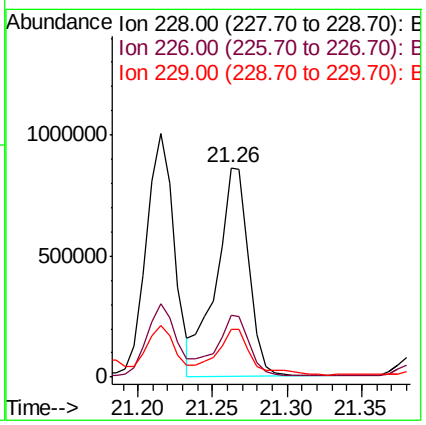


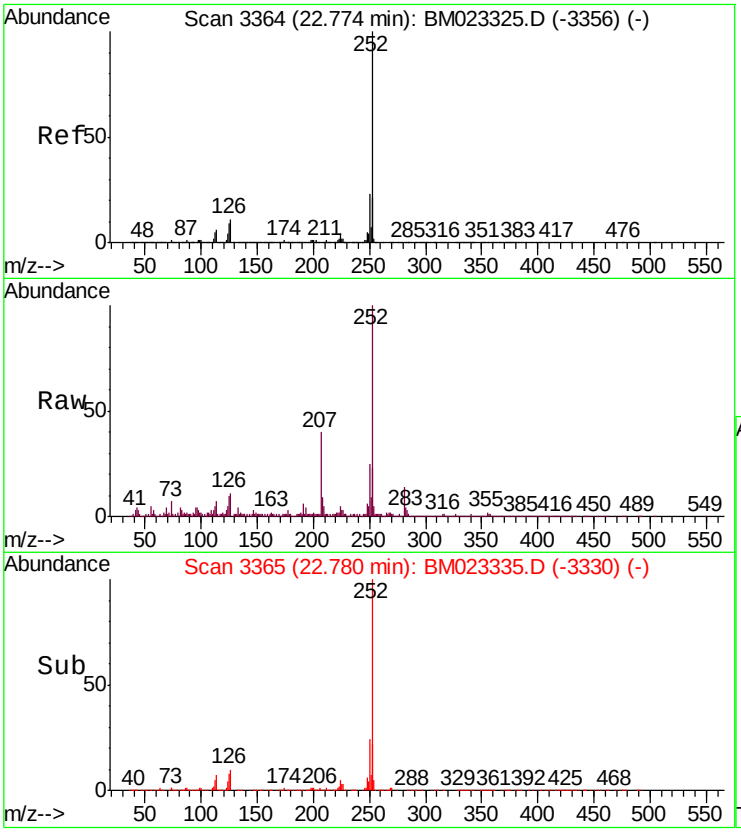


#85
Chrysene
Concen: 9.995 ng/ul
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:228 Resp: 1318014

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.0
229	22.9	15.5	23.3



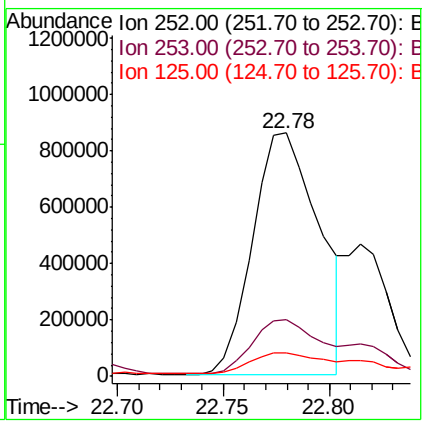


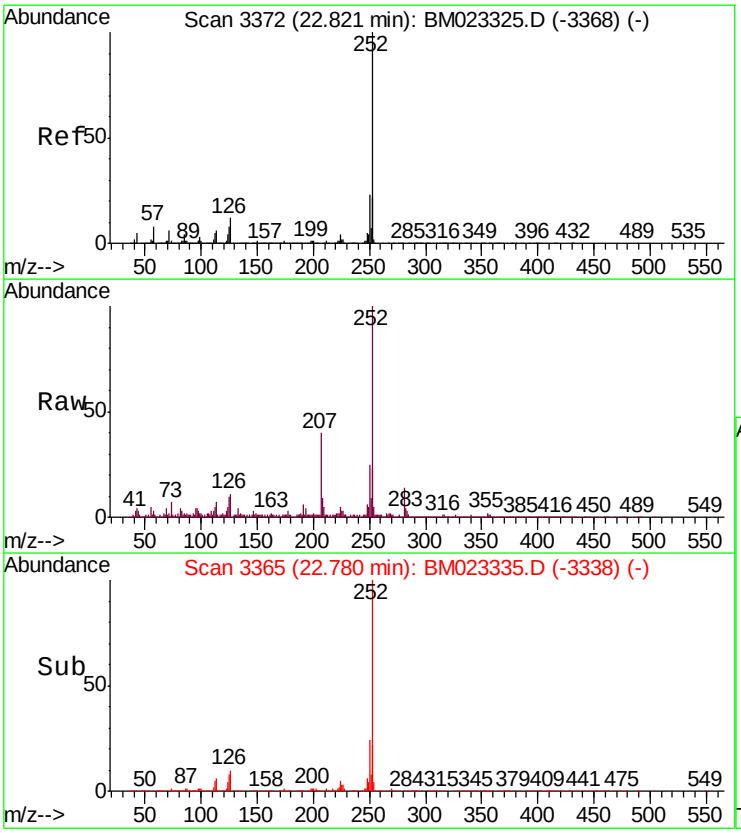
#88
Benzo(b)fluoranthene
Concen: 12.018 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:252 Resp: 1872328

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.3	25.9
125	9.6	7.0	10.4

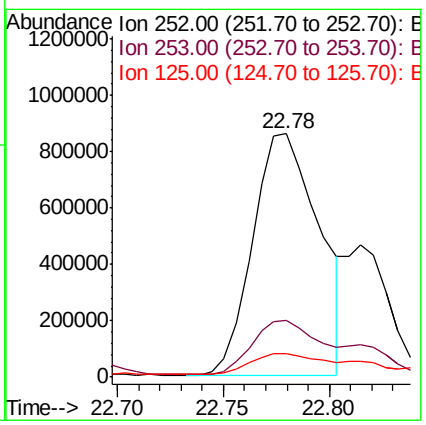


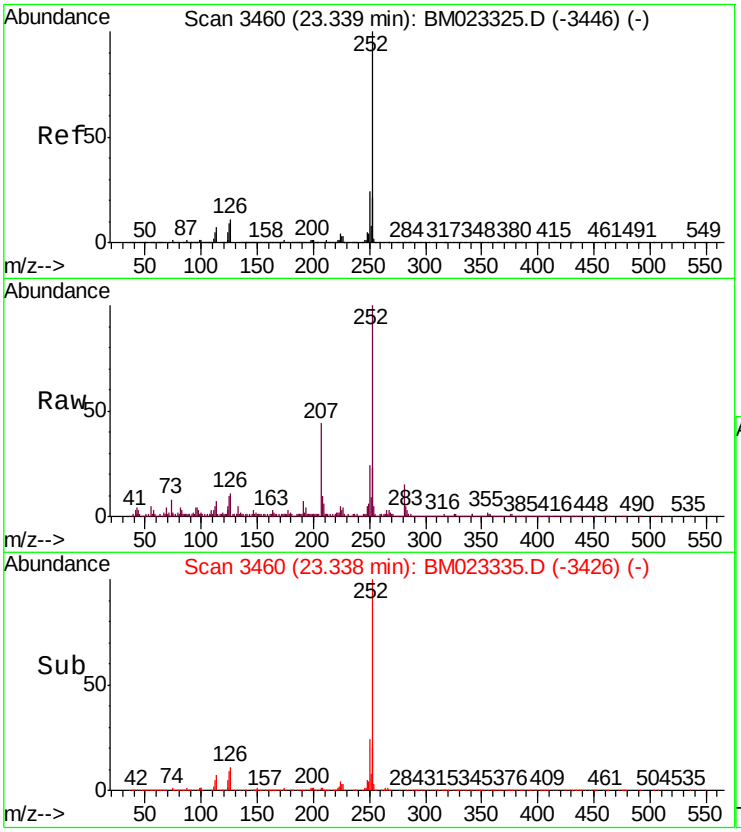


#89
Benzo(k)fluoranthene
Concen: 12.516 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:252 Resp: 1872328

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.6	6.6	9.8



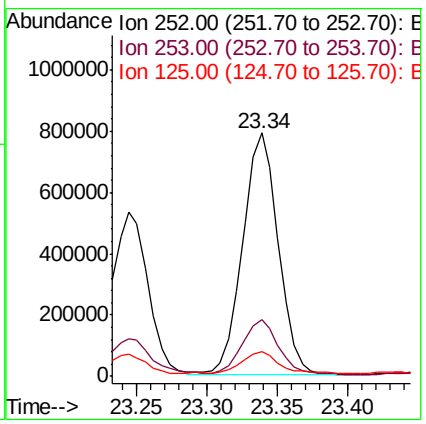


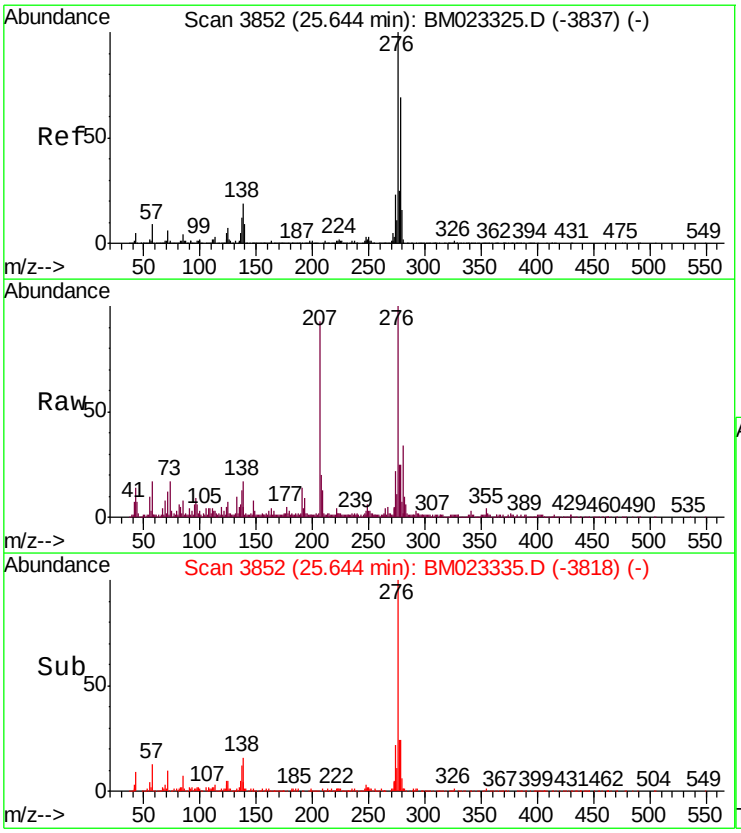
#91
Benzo(a)pyrene
Concen: 9.288 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:252 Resp: 1388286

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	9.9	7.1	10.7

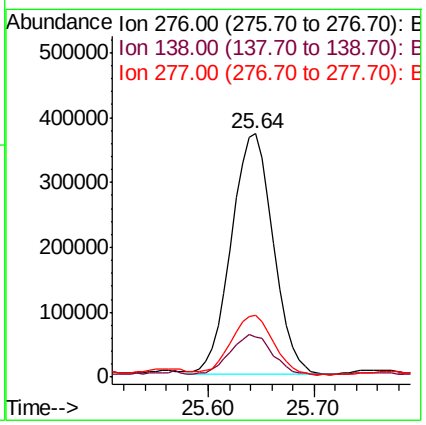


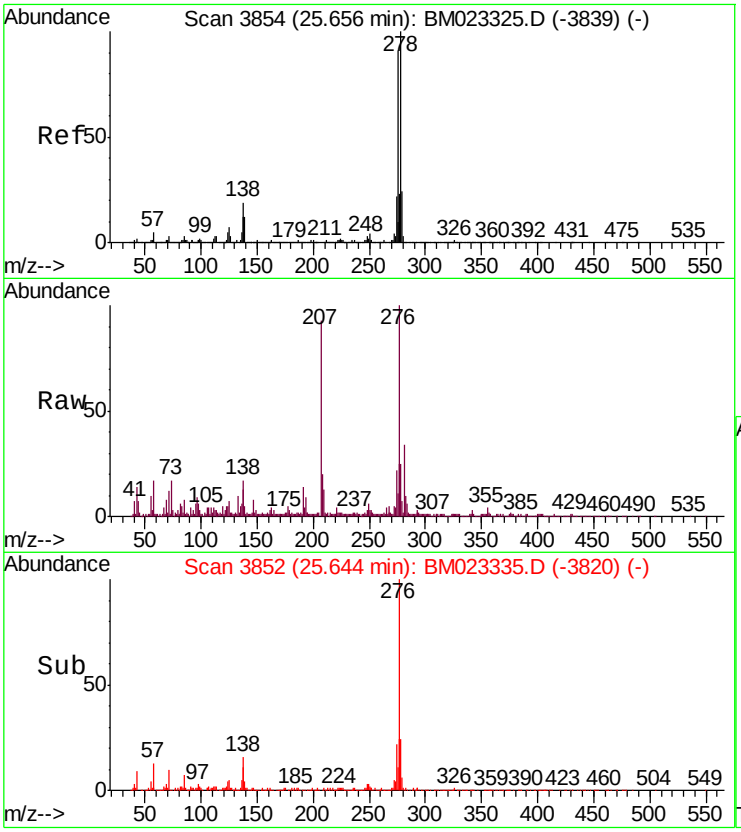


#92
Indeno(1,2,3-cd)pyrene
Concen: 5.753 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.00 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:276 Resp: 1022992

Ion	Ratio	Lower	Upper
276	100		
138	16.6	15.8	23.6
277	25.3	19.8	29.8



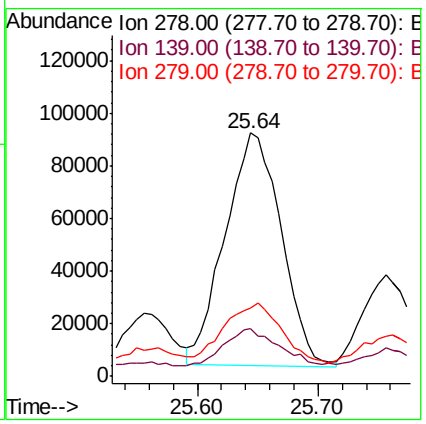


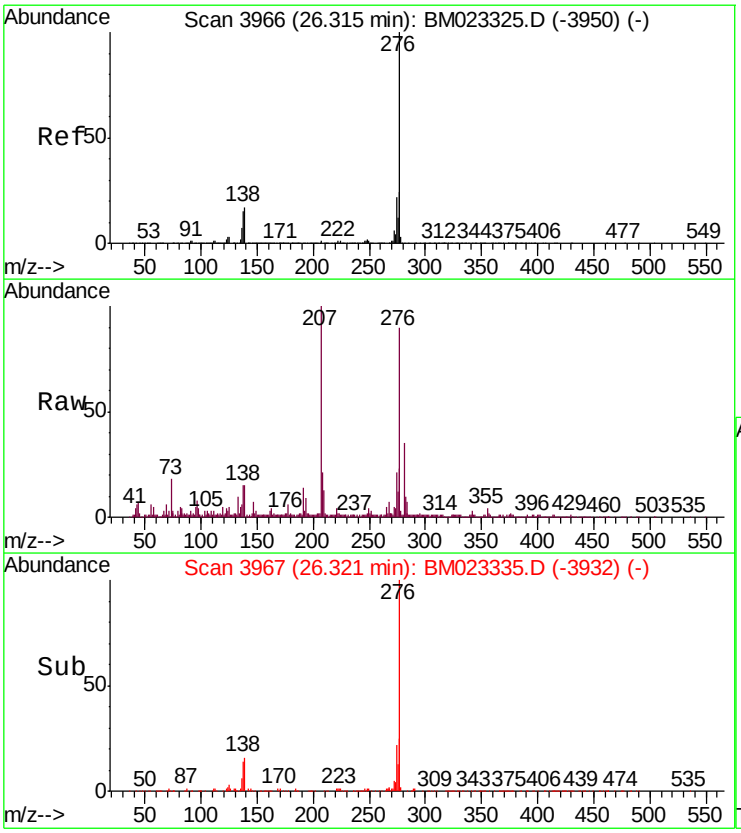
#93
Dibenzo(a,h)anthracene
Concen: 1.915 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. -0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Instrument :
BNA_M
ClientSampleId :
BFB87

Tgt Ion:278 Resp: 284717

Ion	Ratio	Lower	Upper
278	100		
139	19.4	10.5	15.7#
279	27.8	19.7	29.5





#94
Benzo(g,h,i)perylene
Concen: 6.607 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BM023335.D
Acq: 23 Oct 2019 00:55

Tgt Ion:276 Resp: 967337

Ion	Ratio	Lower	Upper
276	100		
138	17.0	13.9	20.9
277	25.3	18.7	28.1