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

Quantitation Report (Not Reviewed)

Data File : BM023331.D
Acq On : 22 Oct 2019 22:32
Operator : JU
Sample : K5354-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Time: Oct 23 01:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	378019	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1506853	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	952166	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1986861	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2063266	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2515817	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	31355	3.65	ng/uL	0.00
5) Phenol-d5	6.82	99	618400	18.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	357222	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	510217	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	481977	18.22	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	245458	24.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	269217	27.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	513115	20.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	196987	6.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1561043	21.39	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1859207	21.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	194604	16.47	ng/ul	0.00
58) Fluorene-d10	15.29	176	1383700	22.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	144760	18.38	ng/ul	0.00
71) Anthracene-d10	17.14	188	2206769	23.03	ng/ul	0.00
79) Pyrene-d10	19.44	212	2450498	24.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2983206	23.39	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.85	94	66490	1.958	ng/ul	93
28) Naphthalene	10.47	128	233941	3.004	ng/ul	98
45) Dimethylphthalate	13.76	163	687101	9.408	ng/ul	98
48) Acenaphthylene	14.01	152	318599	3.641	ng/ul	99
70) Phenanthrene	17.08	178	528142	4.737	ng/ul	97
72) Anthracene	17.17	178	303244	2.632	ng/ul	100
77) Fluoranthene	19.10	202	1583518	11.941	ng/ul	99
80) Pyrene	19.46	202	1544495	11.949	ng/ul	99
83) Benzo(a)anthracene	21.27	228	1612063	11.531	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.17	149	85039	1.190	ng/ul#	95
85) Chrysene	21.27	228	1616792	12.455	ng/ul	98
88) Benzo(b)fluoranthene	22.78	252	2674247	17.532	ng/ul	98
89) Benzo(k)fluoranthene	22.78	252	2674247	18.258	ng/ul	98
91) Benzo(a)pyrene	23.34	252	1960507	13.397	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.64	276	1494798	8.586	ng/ul	97
93) Dibenzo(a,h)anthracene	25.65	278	425656	2.924	ng/ul	95
94) Benzo(g,h,i)perylene	26.32	276	1461625	10.197	ng/ul	99

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

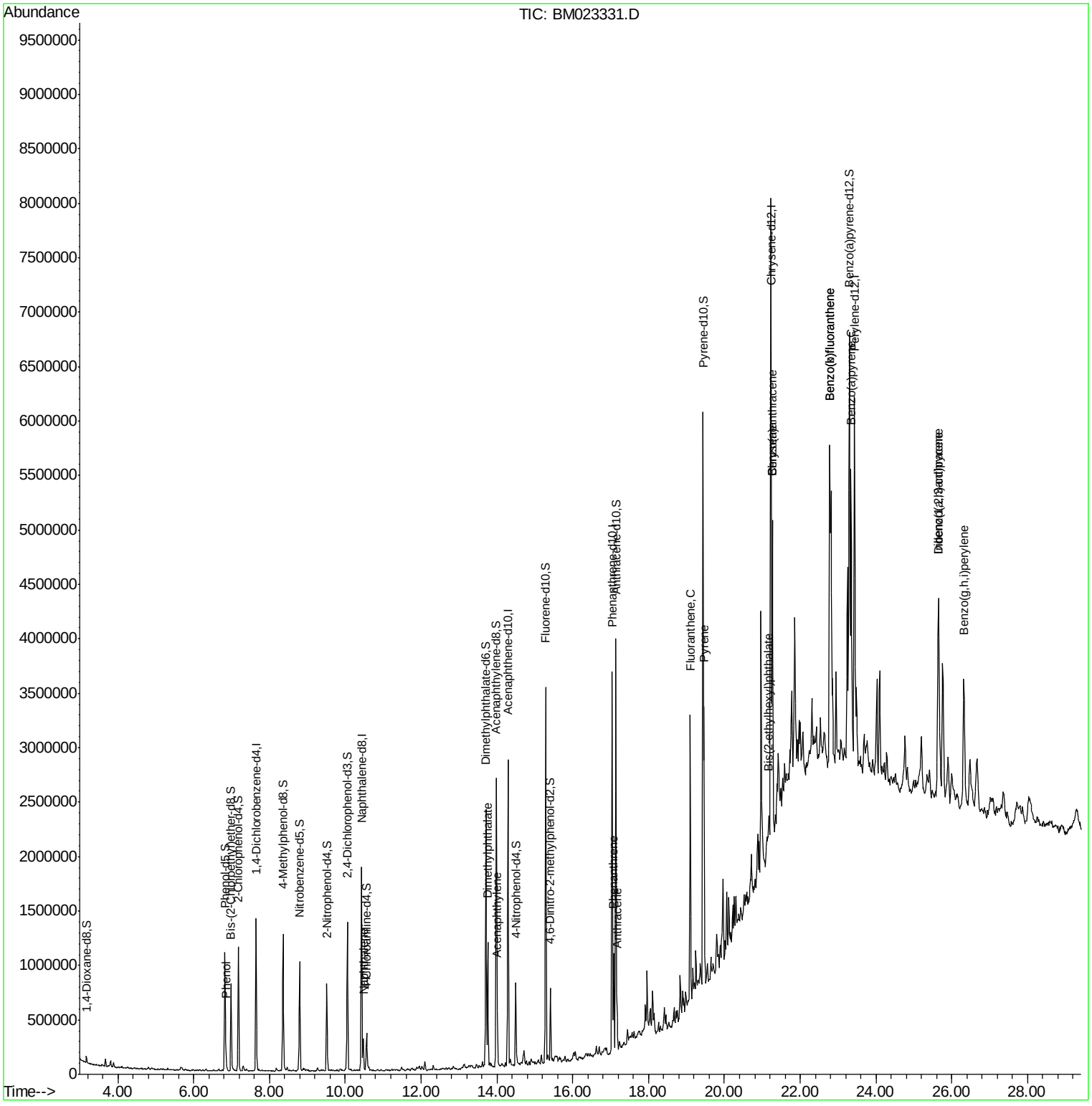
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\

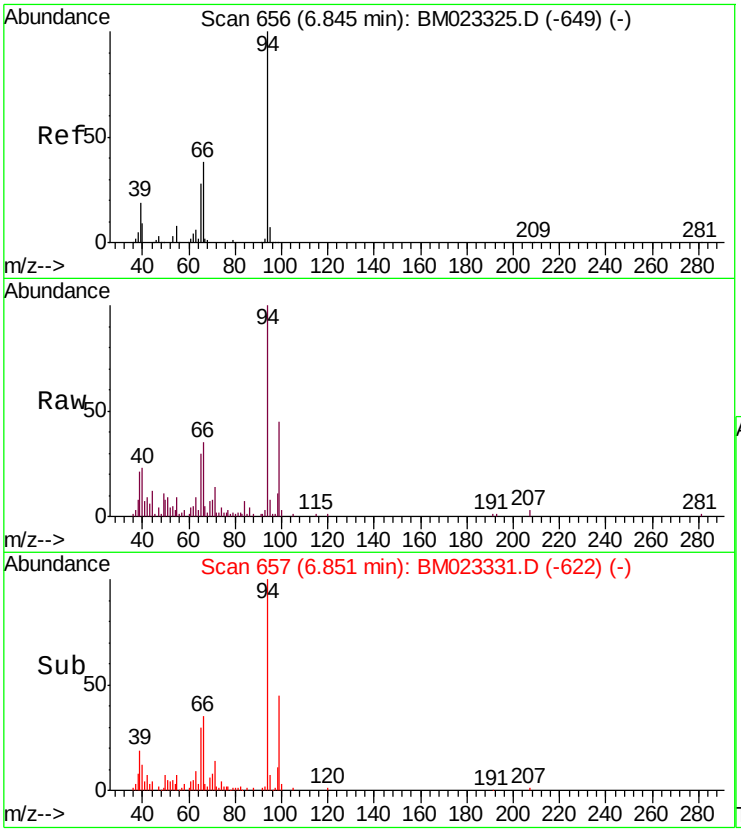
Quantitation Report (Not Reviewed)

Data File : BM023331.D
Acq On : 22 Oct 2019 22:32
Operator : JU
Sample : K5354-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB89

Quant Time: Oct 23 01:43:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 01:39:41 2019
Response via : Initial Calibration



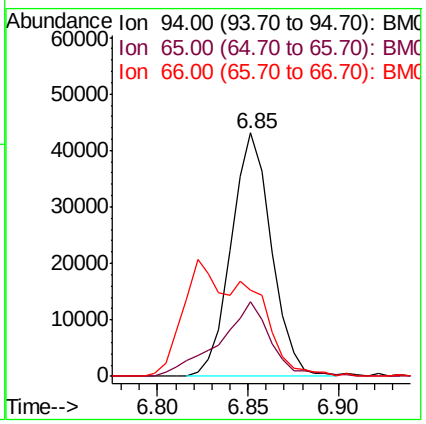


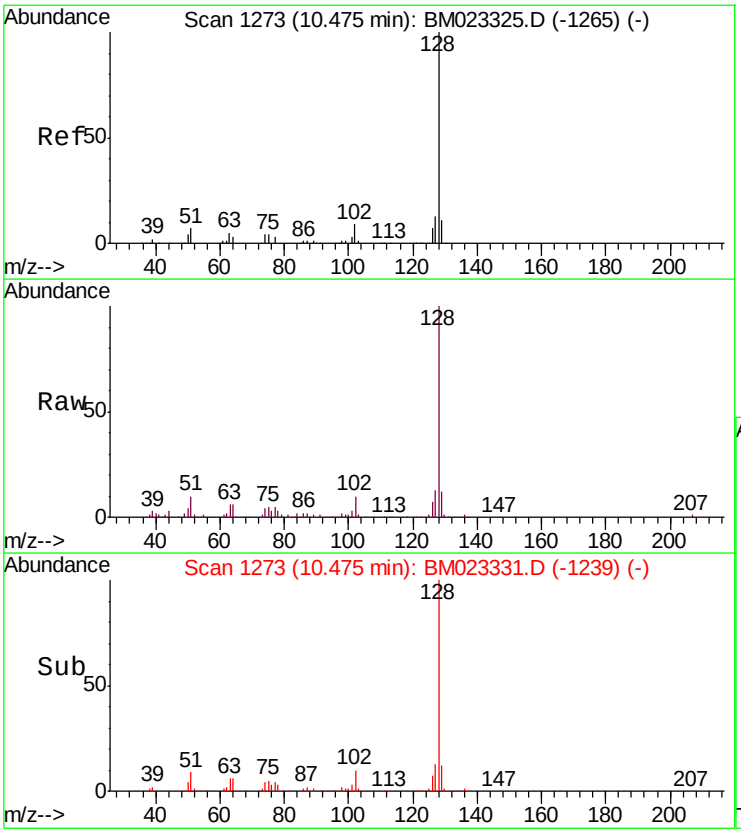
#6
Phenol
Concen: 1.958 ng/ul
RT: 6.85 min Scan# 657
Delta R.T. 0.01 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion: 94 Resp: 66490

Ion	Ratio	Lower	Upper
94	100		
65	30.5	23.2	34.8
66	35.3	32.9	49.3

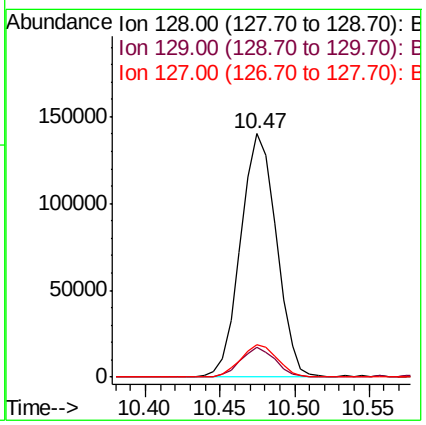


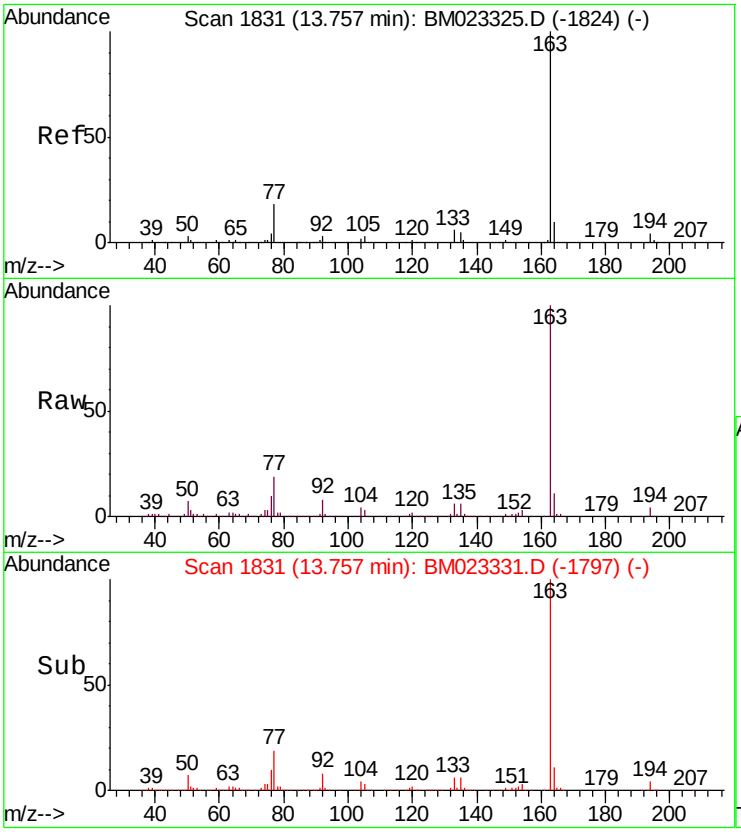


#28
Naphthalene
Concen: 3.004 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:128 Resp: 233941

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	13.4	10.2	15.4



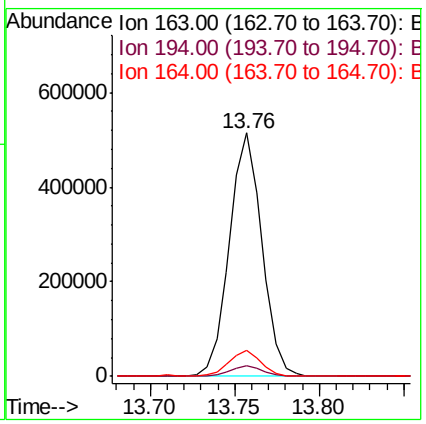


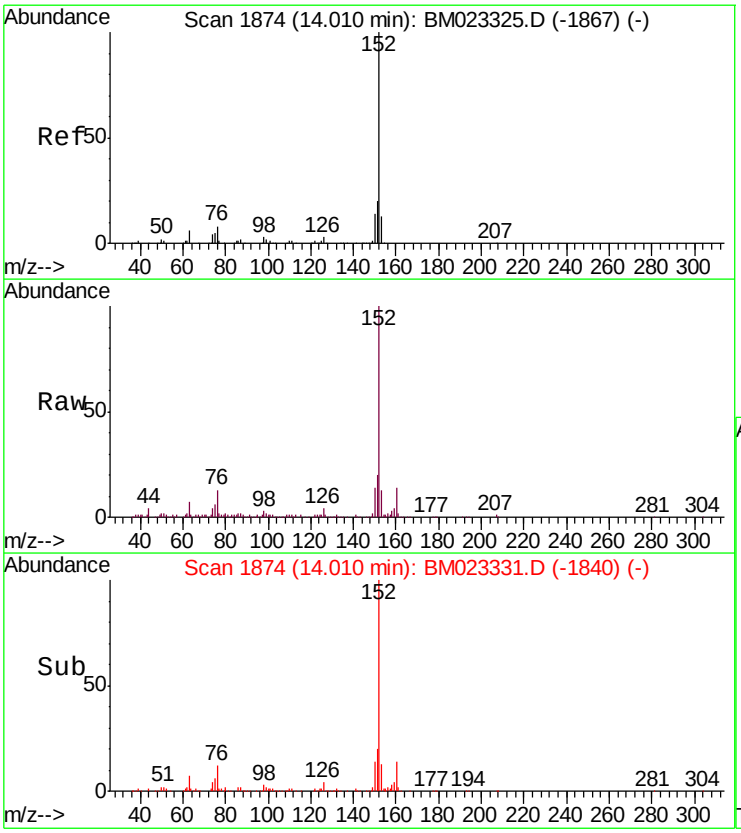
#45
Dimethylphthalate
Concen: 9.408 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:163 Resp: 687101

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.5	7.8	11.6

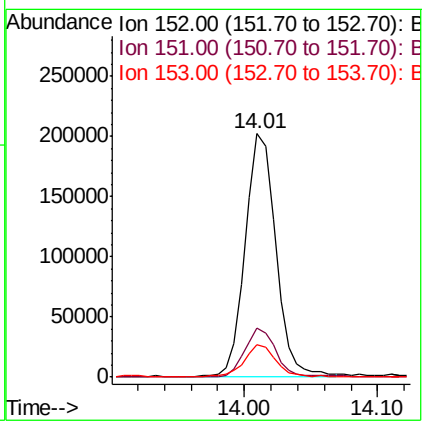


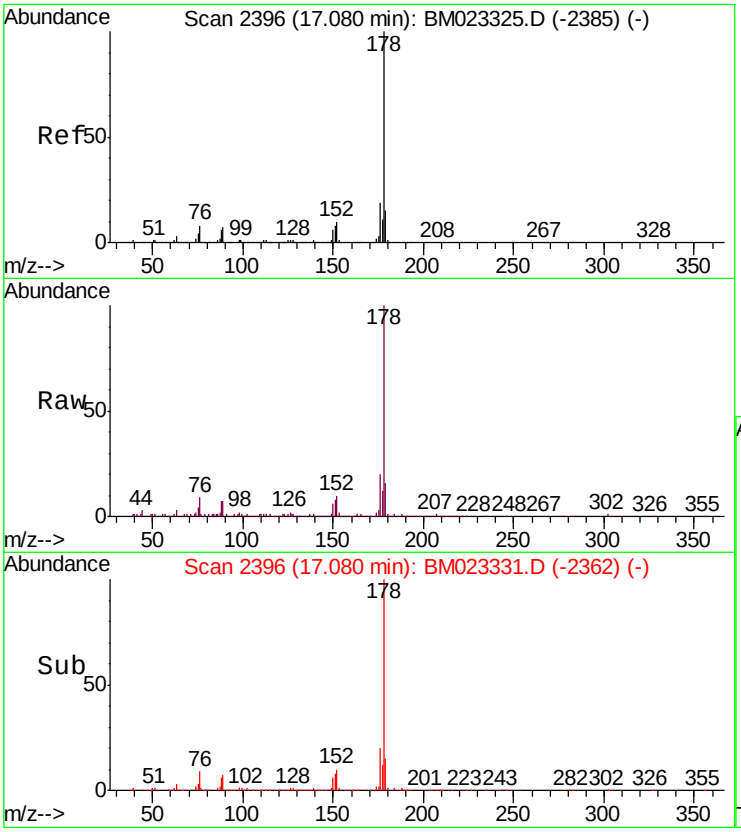


#48
Acenaphthylene
Concen: 3.641 ng/ul
RT: 14.01 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:152 Resp: 318599

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.3	10.3	15.5



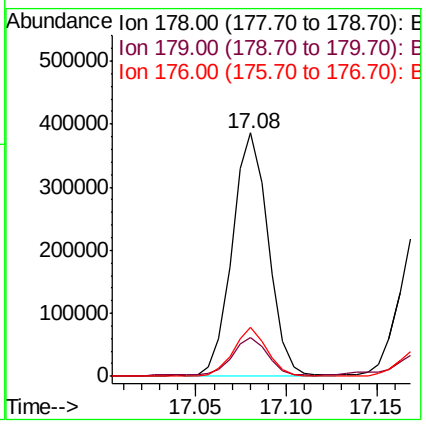


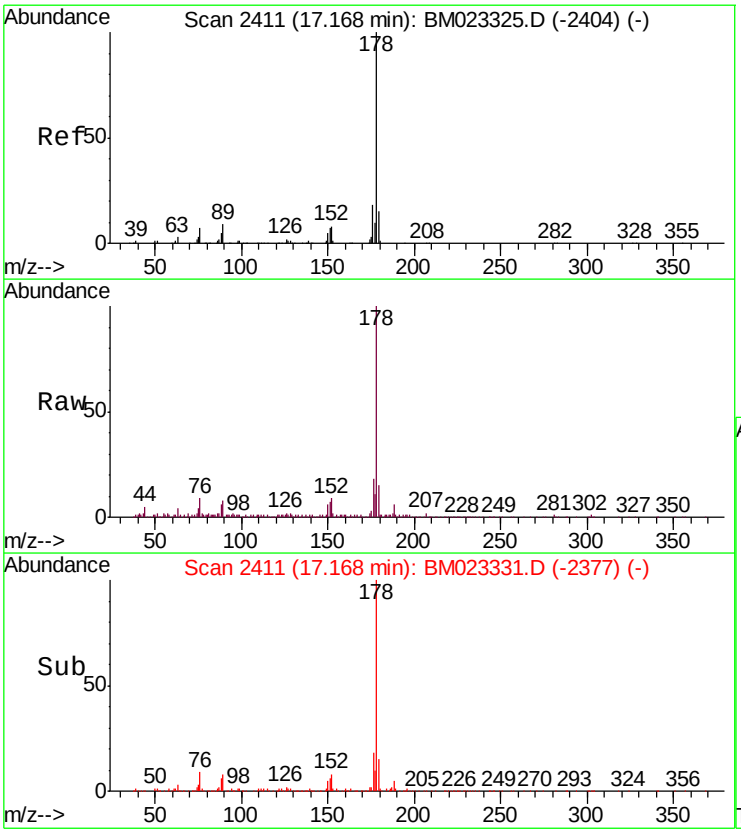
#70
Phenanthrene
Concen: 4.737 ng/ul
RT: 17.08 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:178 Resp: 528142

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	19.9	15.0	22.4

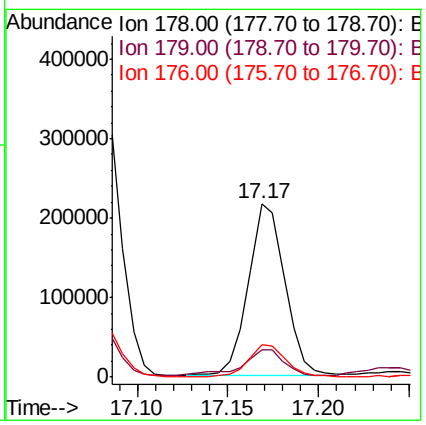


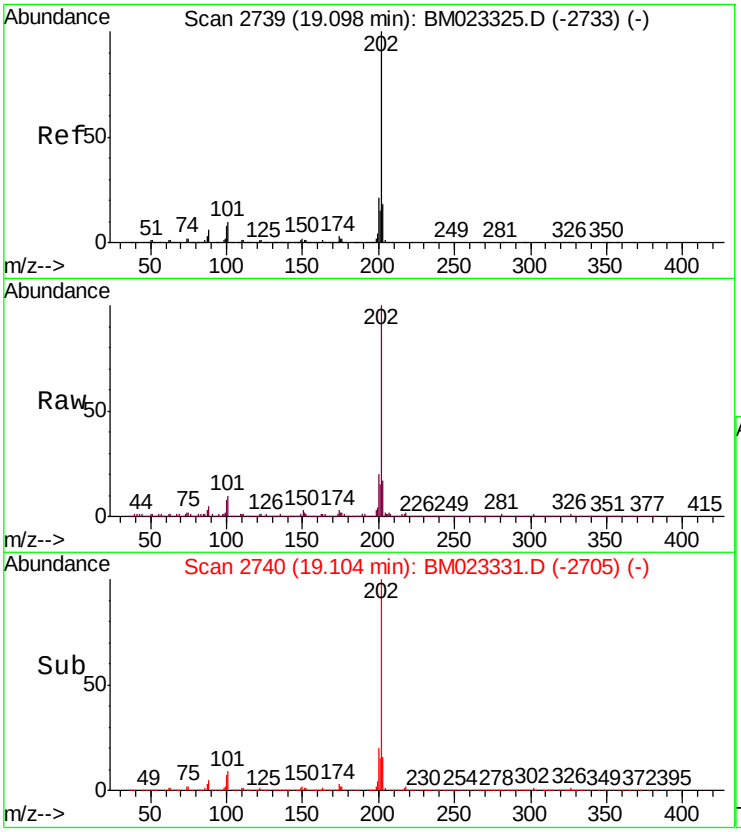


#72
Anthracene
Concen: 2.632 ng/ul
RT: 17.17 min Scan# 2411
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:178 Resp: 303244

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	18.3	14.8	22.2



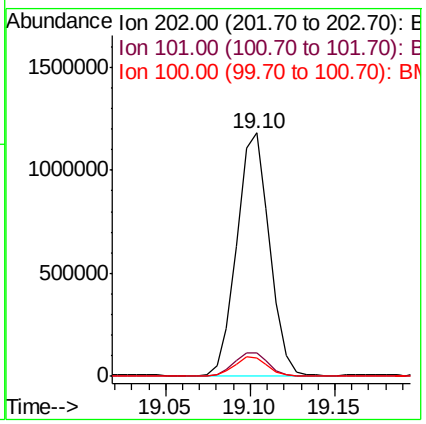


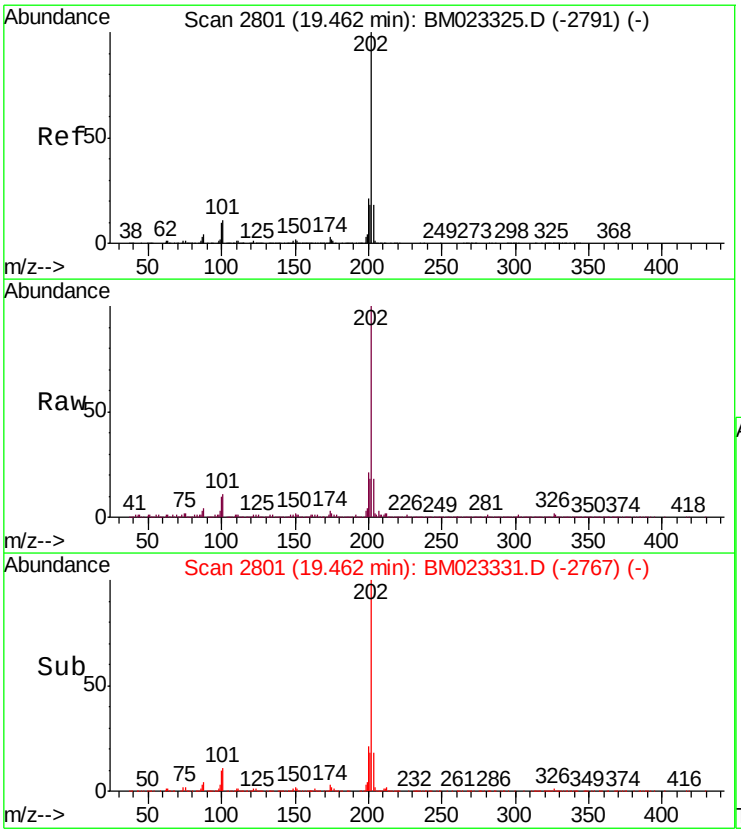
#77
Fluoranthene
Concen: 11.941 ng/ul
RT: 19.10 min Scan# 2740
Delta R.T. 0.01 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:202 Resp: 1583518

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.2	12.4
100	7.6	6.1	9.1

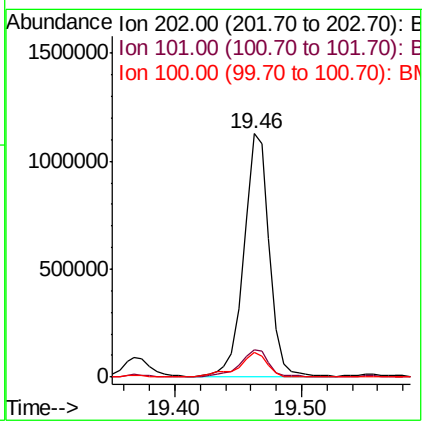


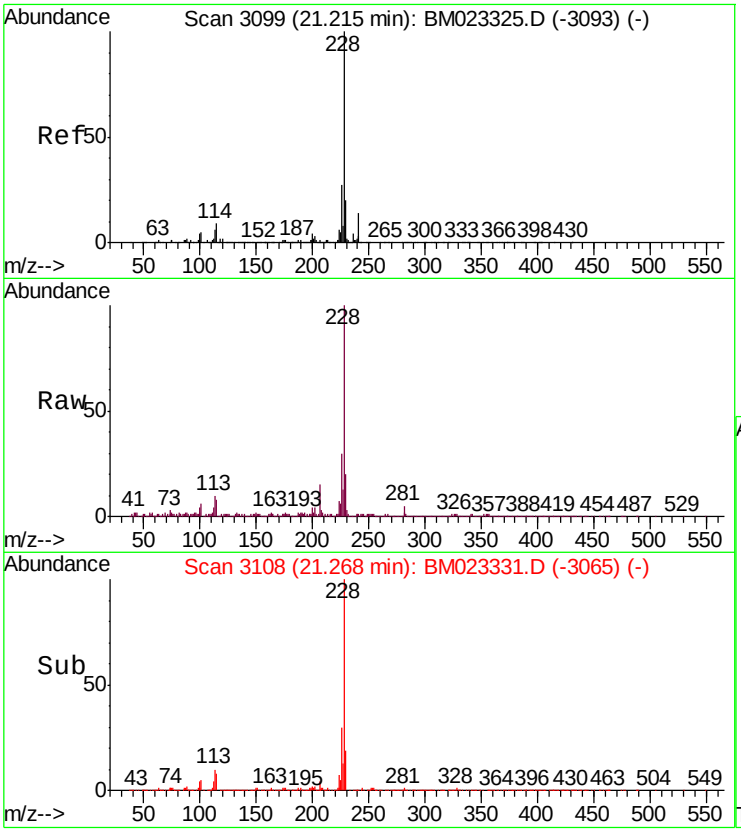


#80
Pyrene
Concen: 11.949 ng/ul
RT: 19.46 min Scan# 2801
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:202 Resp: 1544495

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.6
100	10.0	7.5	11.3



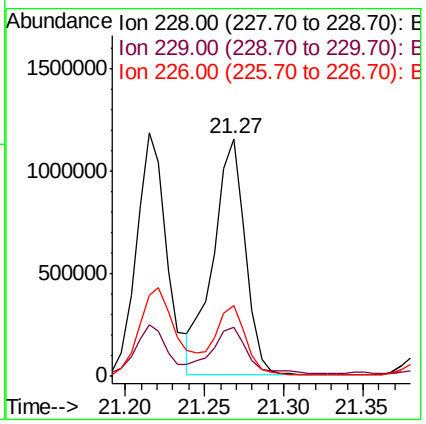


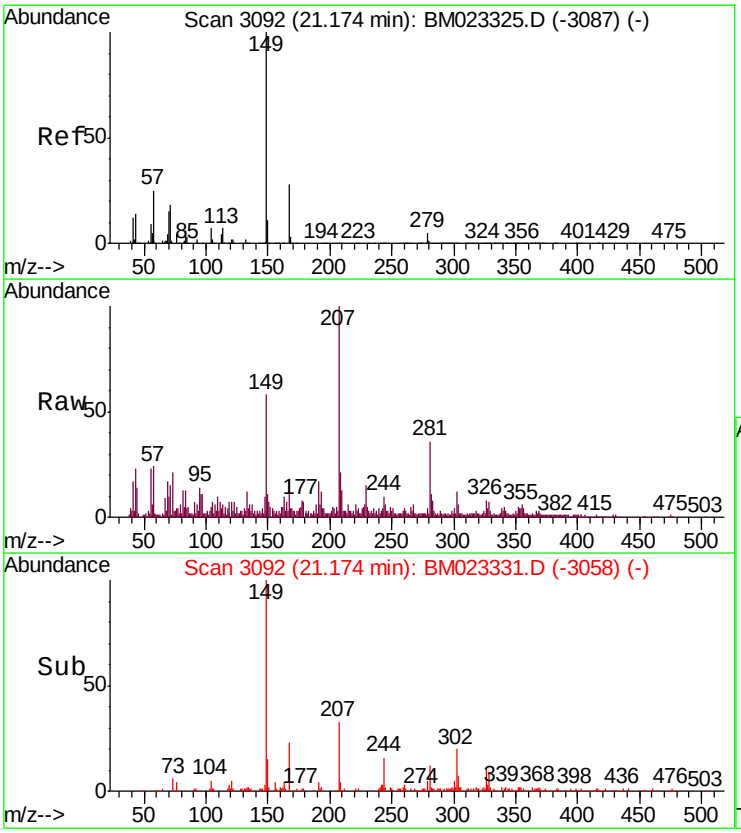
#83
Benzo(a)anthracene
Concen: 11.531 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.05 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:228 Resp: 1612063

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	30.1	21.5	32.3

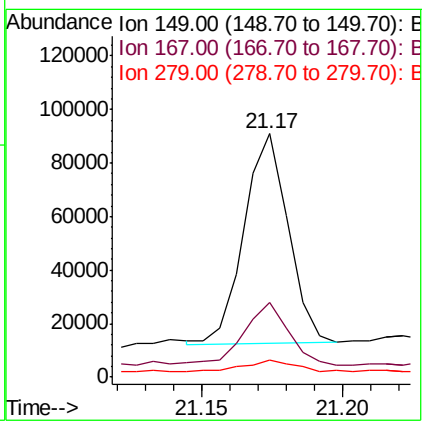


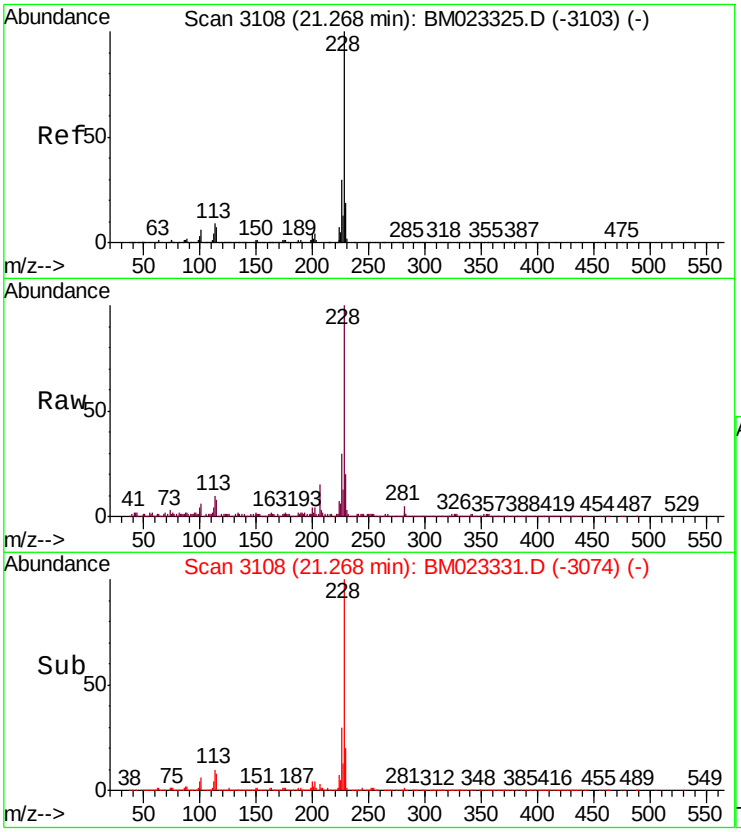


#84
Bis(2-ethylhexyl)phthalate
Concen: 1.190 ng/ul
RT: 21.17 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:149 Resp: 85039

Ion	Ratio	Lower	Upper
149	100		
167	30.5	22.1	33.1
279	7.0	4.3	6.5#



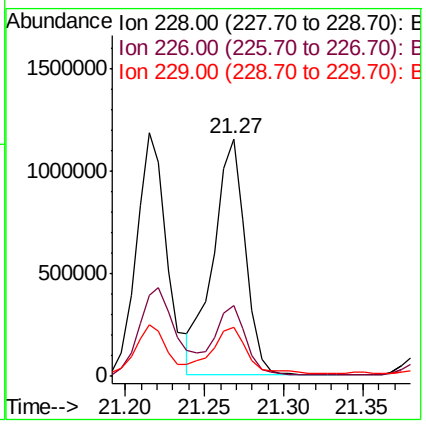


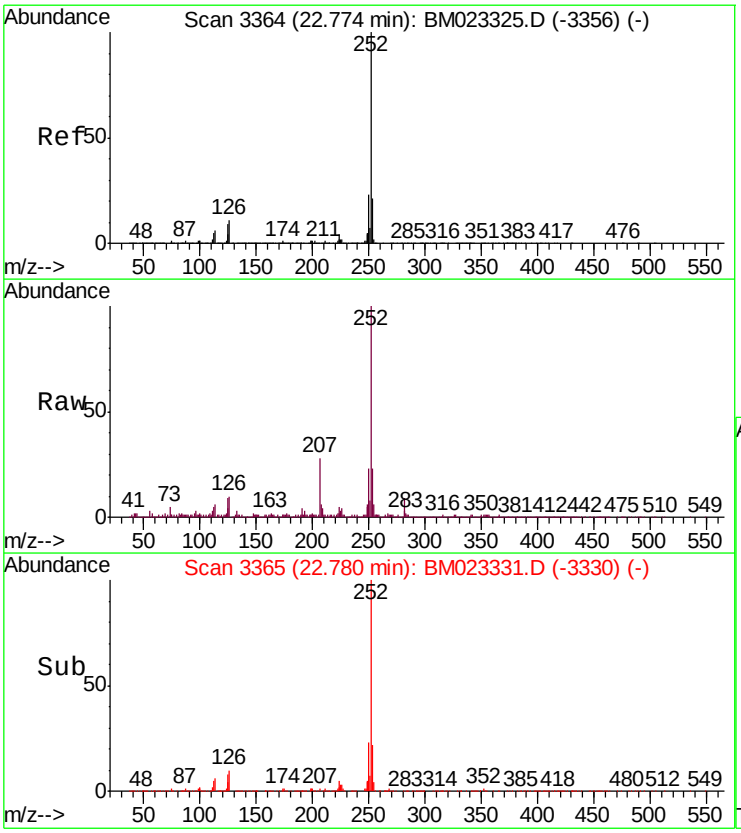
#85
Chrysene
Concen: 12.455 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:228 Resp: 1616792

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	20.4	15.5	23.3

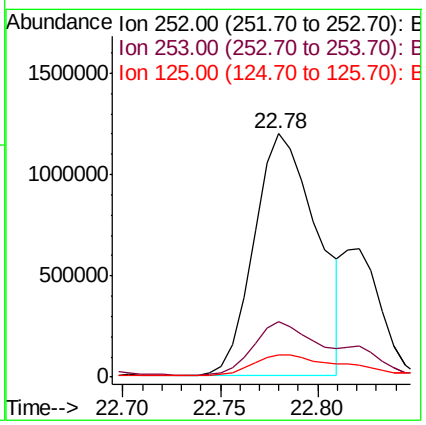


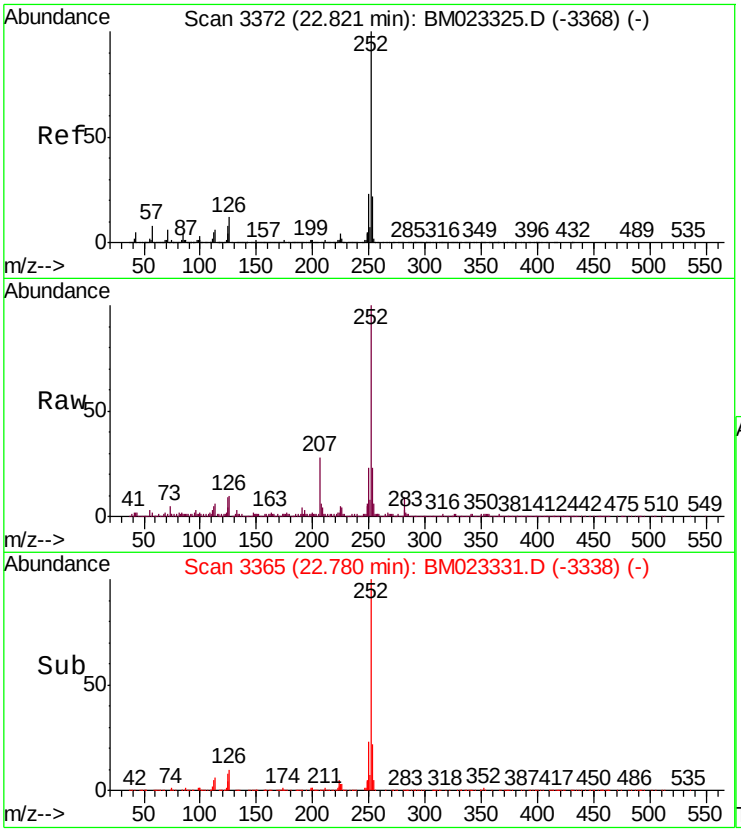


#88
Benzo(b)fluoranthene
Concen: 17.532 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. 0.01 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:252 Resp: 2674247

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	9.1	7.0	10.4



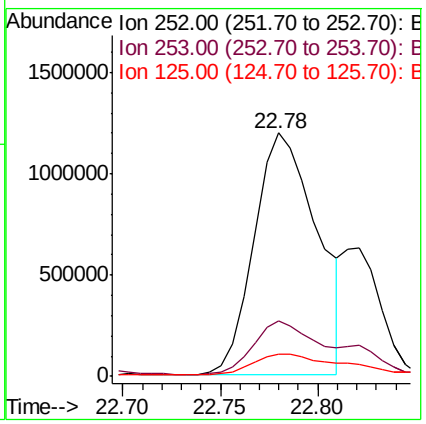


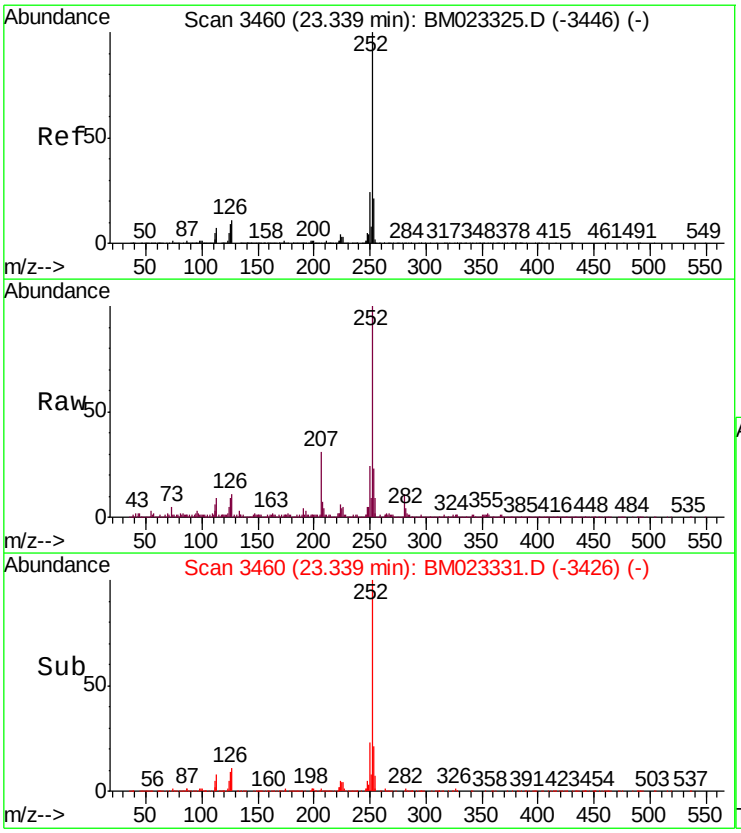
#89
Benzo(k)fluoranthene
Concen: 18.258 ng/ul
RT: 22.78 min Scan# 3365
Delta R.T. -0.04 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:252 Resp: 2674247

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.5	26.3
125	9.1	6.6	9.8

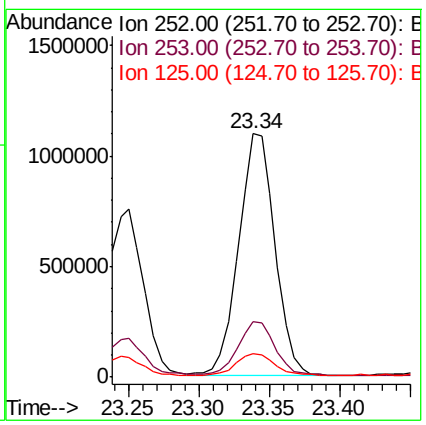


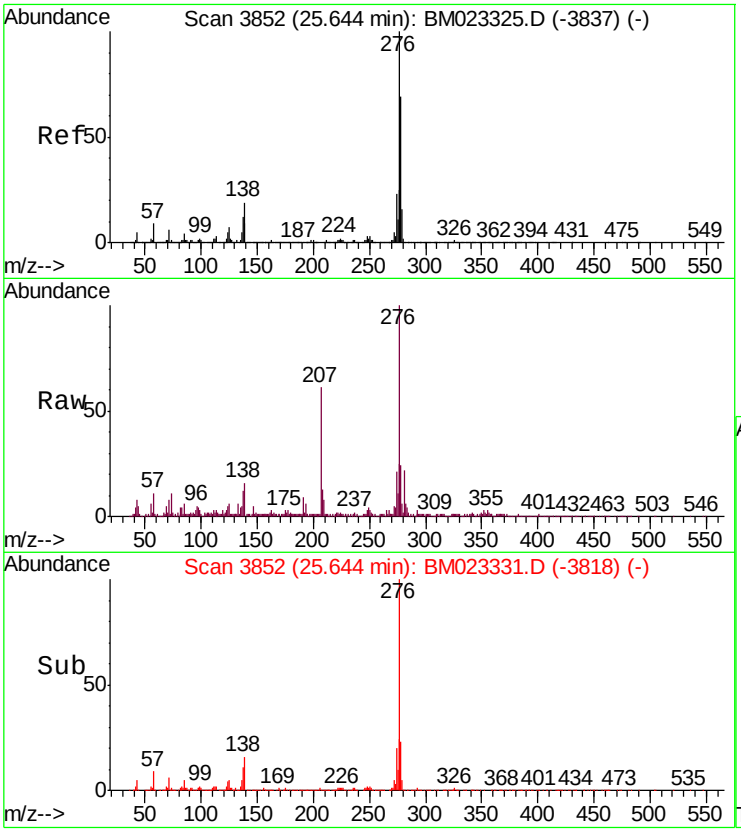


#91
Benzo(a)pyrene
Concen: 13.397 ng/ul
RT: 23.34 min Scan# 3460
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:252 Resp: 1960507

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	9.5	7.1	10.7



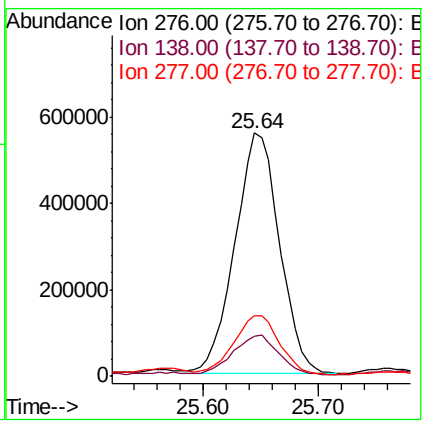


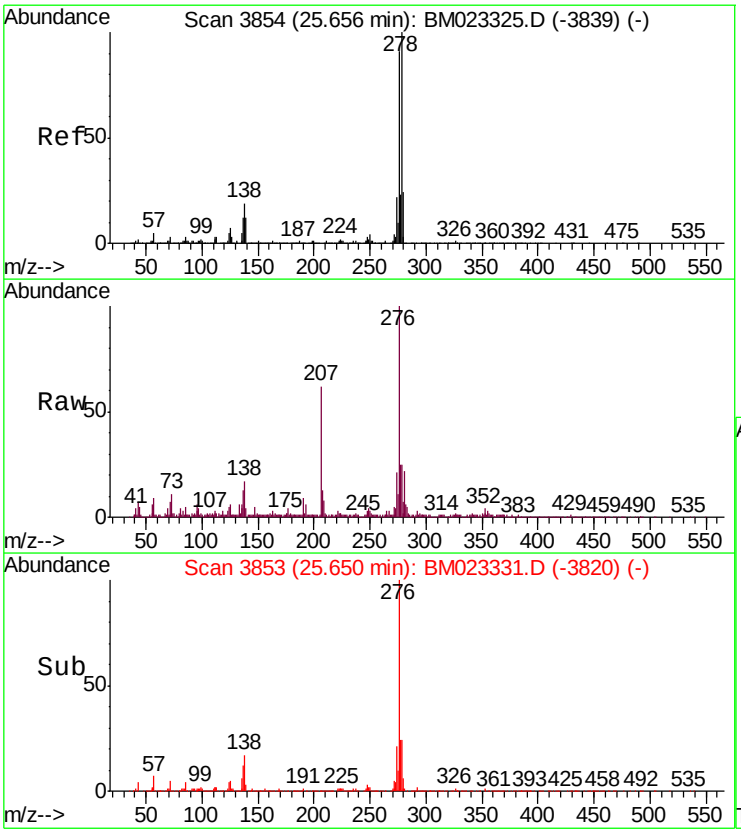
#92
Indeno(1,2,3-cd)pyrene
Concen: 8.586 ng/ul
RT: 25.64 min Scan# 3852
Delta R.T. 0.00 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:276 Resp: 1494798

Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.8	23.6
277	24.7	19.8	29.8

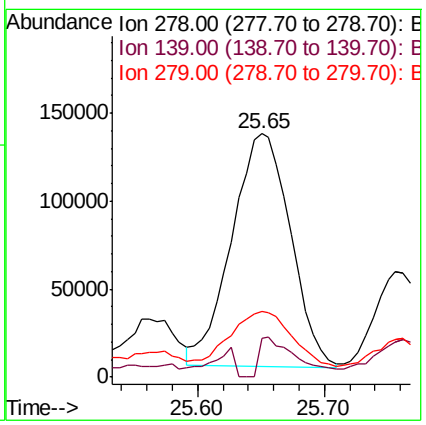


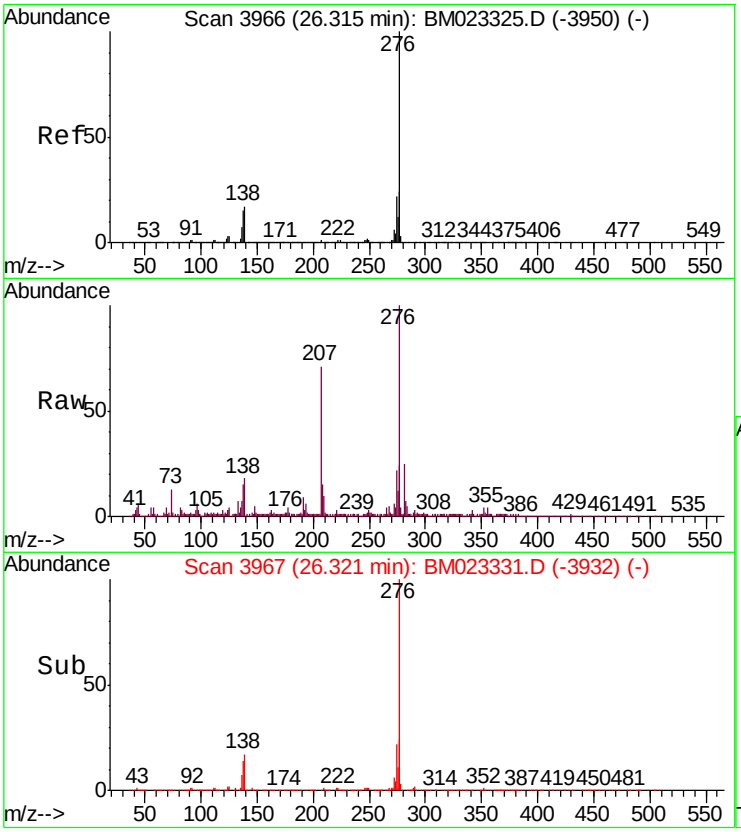


#93
Dibenzo(a,h)anthracene
Concen: 2.924 ng/ul
RT: 25.65 min Scan# 3853
Delta R.T. -0.01 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Tgt Ion:278 Resp: 425656

Ion	Ratio	Lower	Upper
278	100		
139	15.7	10.5	15.7
279	27.0	19.7	29.5





#94
Benzo(g,h,i)perylene
Concen: 10.197 ng/ul
RT: 26.32 min Scan# 3967
Delta R.T. 0.01 min
Lab File: BM023331.D
Acq: 22 Oct 2019 22:32

Instrument :
BNA_M
ClientSampleId :
BFB89

Tgt Ion:276 Resp: 1461625

Ion	Ratio	Lower	Upper
276	100		
138	17.6	13.9	20.9
277	24.3	18.7	28.1