Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023234.D
Acq On : 17 Oct 2019 23:53
Operator : JU
Sample : K5236-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPC2

Quant Time: Oct 18 06:58:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 06:52:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	351765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1358285	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	836295	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1685896	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1746016	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	2147230	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	33488	4.19	ng/uL	0.00
5) Phenol-d5	6.84	99	551597	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	341006	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	485401	20.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	414629	16.85	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	229376	24.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	256273	29.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	486855	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	518881	19.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1443610	22.52	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1708463	22.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	144041	13.88	ng/ul	0.00
58) Fluorene-d10	15.30	176	1245829	22.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	121995	18.25	ng/ul	0.00
71) Anthracene-d10	17.15	188	1925314	23.68	ng/ul	0.00
79) Pyrene-d10	19.45	212	2288550	27.07	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	2807593	25.79	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	93706	2.966	ng/ul	96
45) Dimethylphthalate	13.77	163	562887	8.775	ng/ul	99
70) Phenanthrene	17.10	178	201494	2.130	ng/ul	99
77) Fluoranthene	19.12	202	555201	4.934	ng/ul	99
80) Pyrene	19.48	202	577930	5.284	ng/ul	100
83) Benzo(a)anthracene	21.23	228	354727	2.998	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	81195	1.342	ng/ul	97
85) Chrysene	21.28	228	367707	3.347	ng/ul	97
88) Benzo(b)fluoranthene	22.79	252	484779	3.724	ng/ul#	95
89) Benzo(k)fluoranthene	22.83	252	190438	1.523	ng/ul#	88
91) Benzo(a)pyrene	23.36	252	380219	3.044	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.67	276	271108	1.825	ng/ul	96
94) Benzo(g,h,i)perylene	26.34	276	257093	2.101	ng/ul	98

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

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Quant Title : SVOA CALIBRATION
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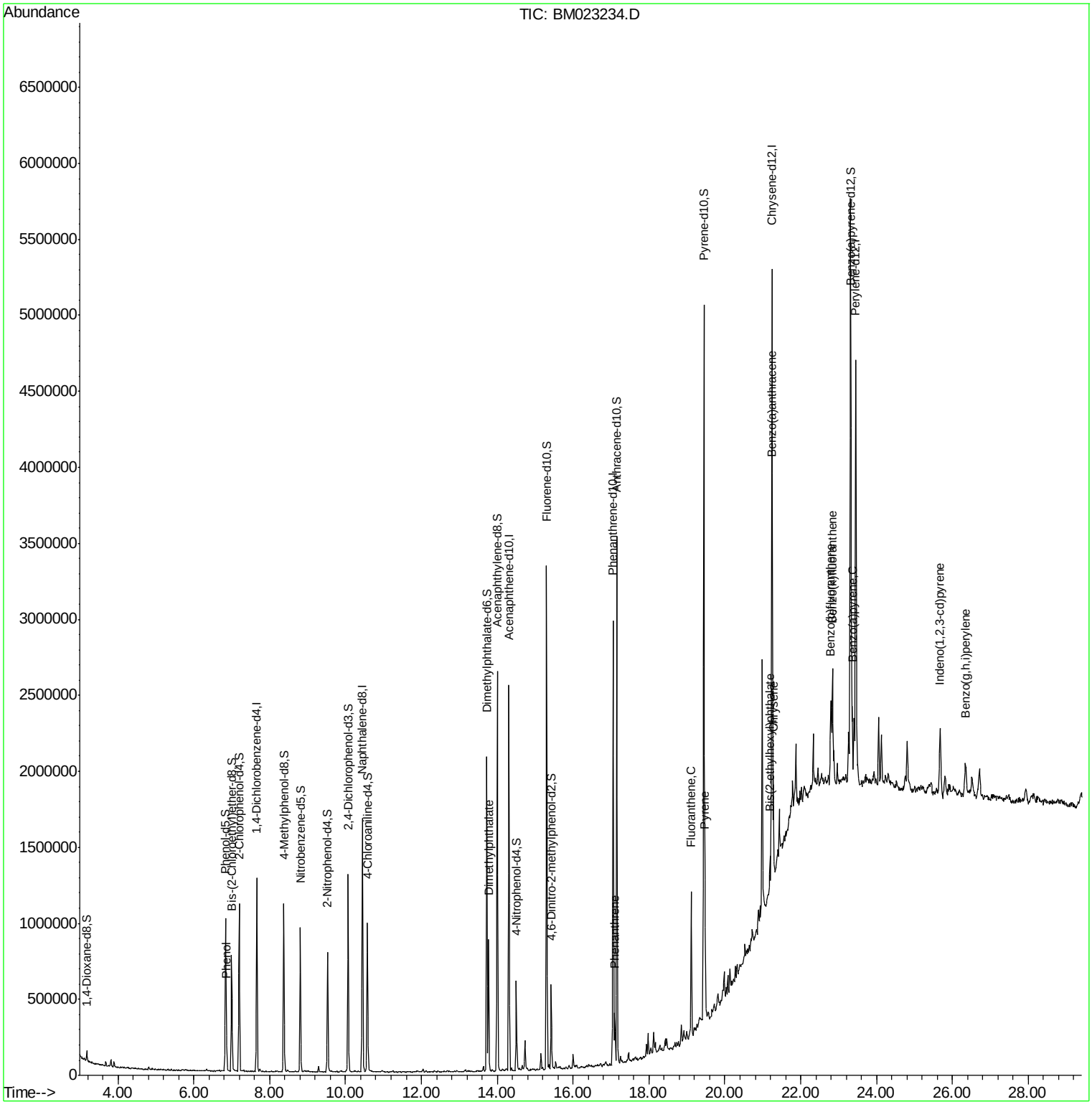
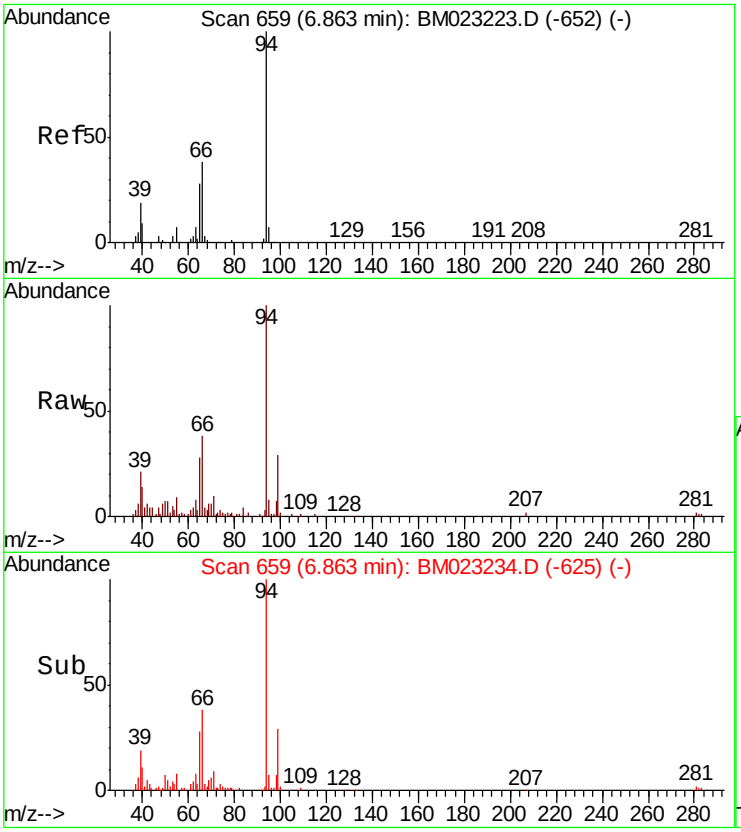


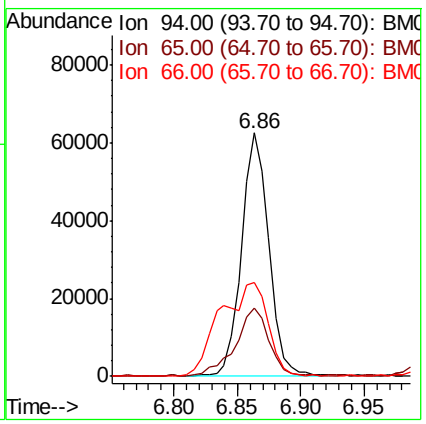


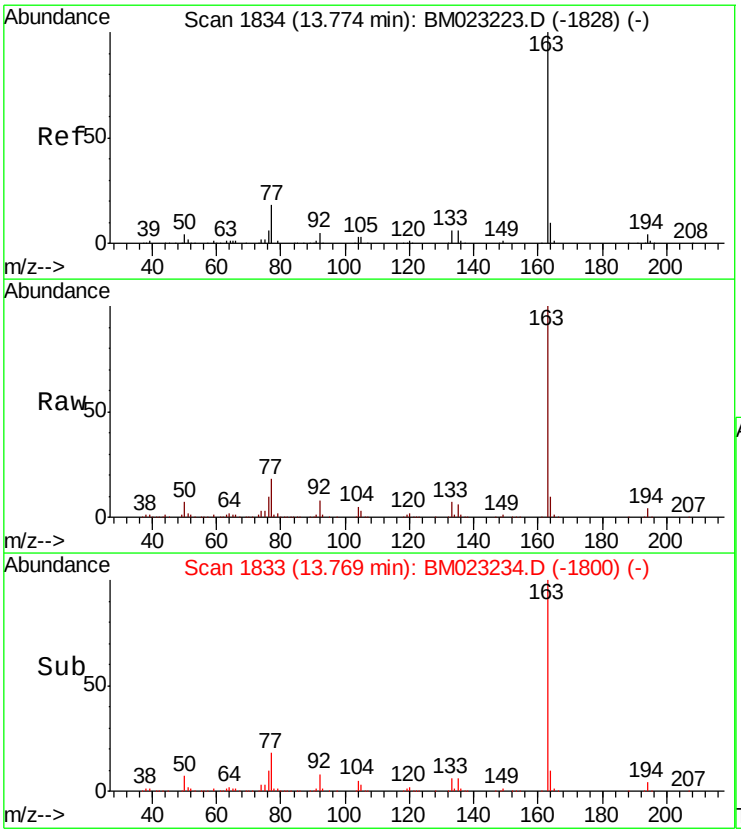
#6
Phenol
Concen: 2.966 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion: 94 Resp: 93706

Ion	Ratio	Lower	Upper
94	100		
65	28.1	23.7	35.5
66	38.4	32.9	49.3

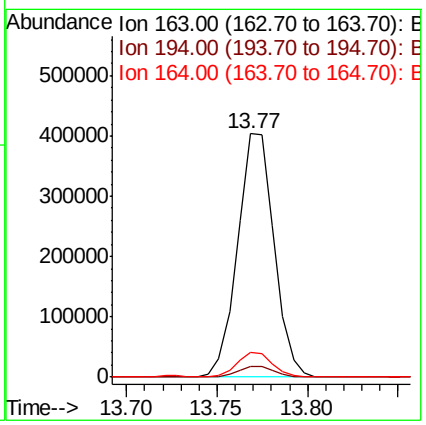


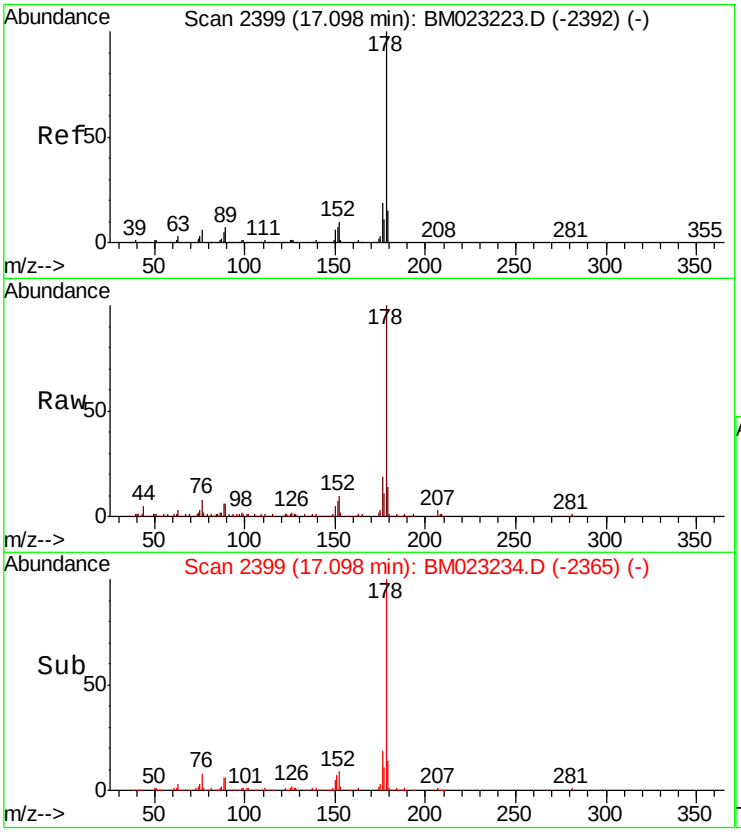


#45
Dimethylphthalate
Concen: 8.775 ng/ul
RT: 13.77 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:163 Resp: 562887

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.3	8.0	12.0



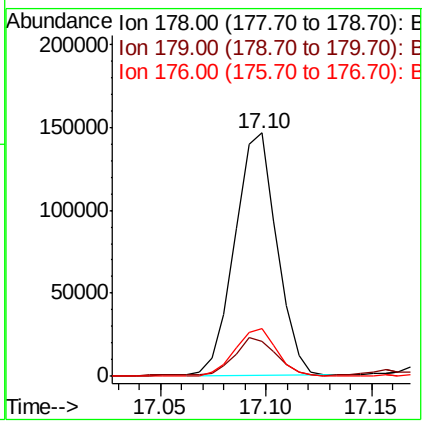


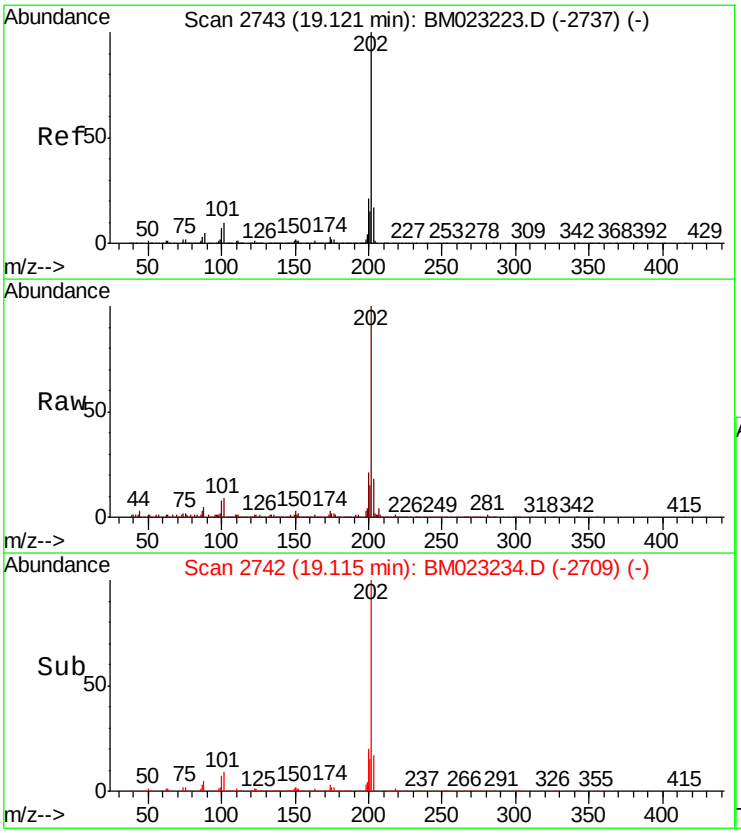
#70
Phenanthrene
Concen: 2.130 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:178 Resp: 201494

Ion	Ratio	Lower	Upper
178	100		
179	14.3	12.3	18.5
176	19.4	15.5	23.3

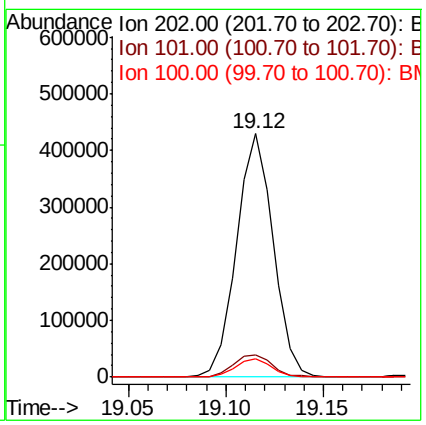


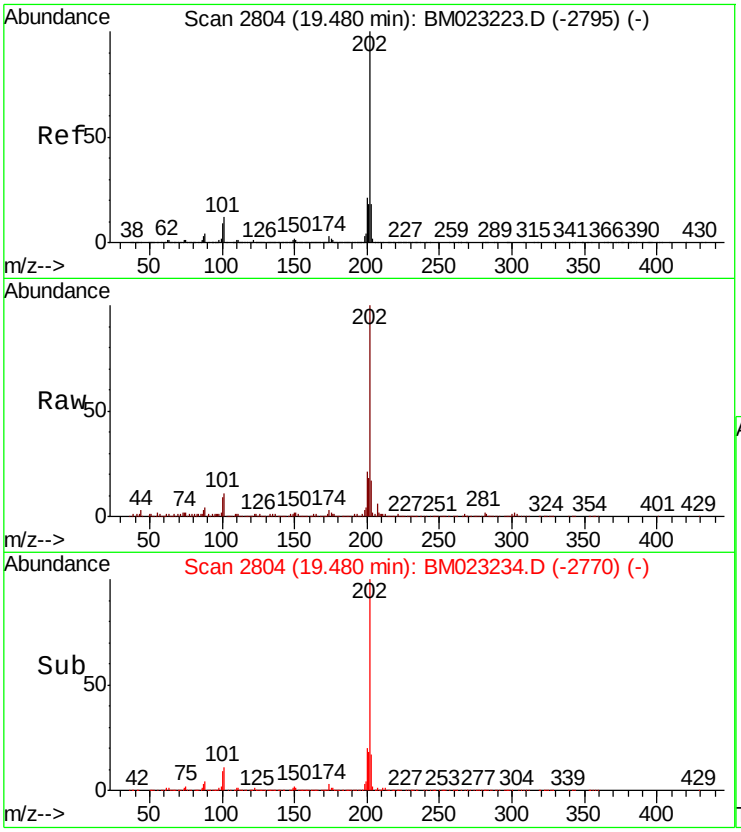


#77
Fluoranthene
Concen: 4.934 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:202 Resp: 555201

Ion	Ratio	Lower	Upper
202	100		
101	9.3	7.8	11.8
100	7.6	6.1	9.1



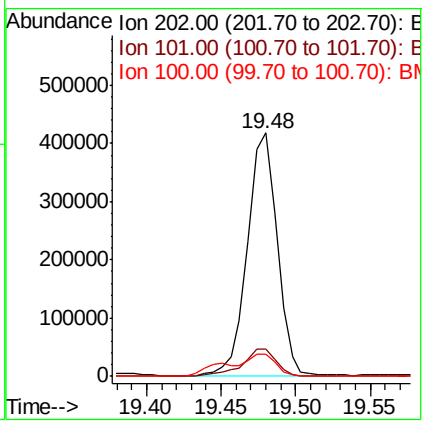


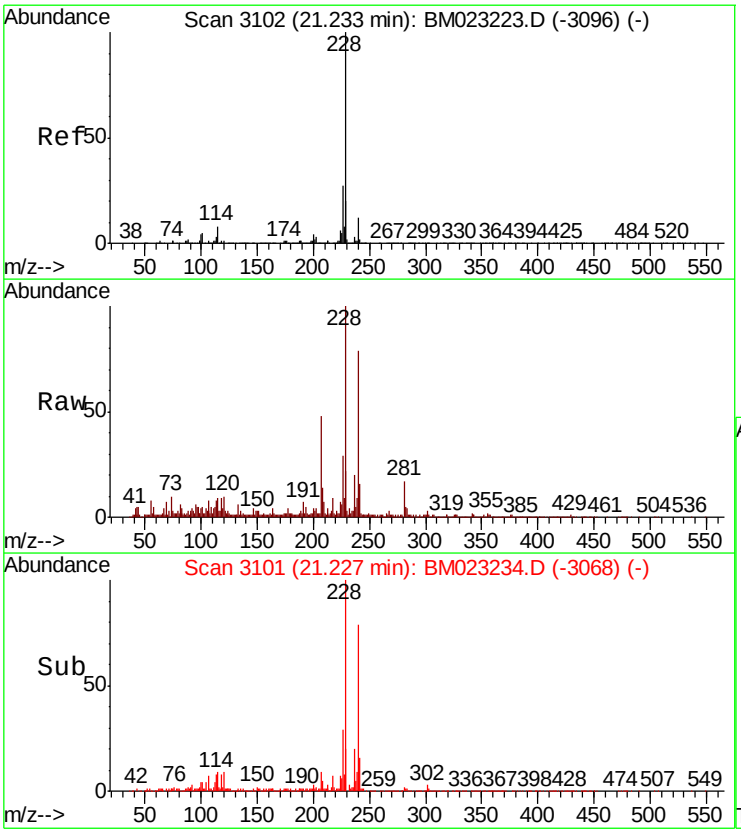
#80
Pyrene
Concen: 5.284 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:202 Resp: 577930

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.1	13.7
100	9.3	7.5	11.3

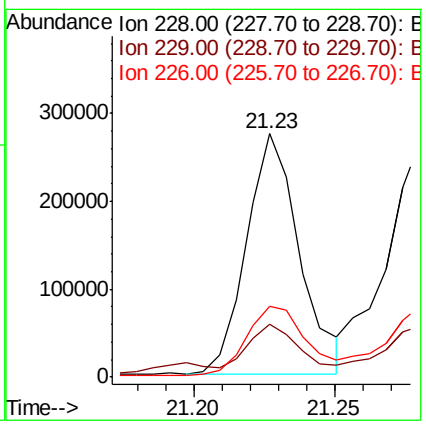


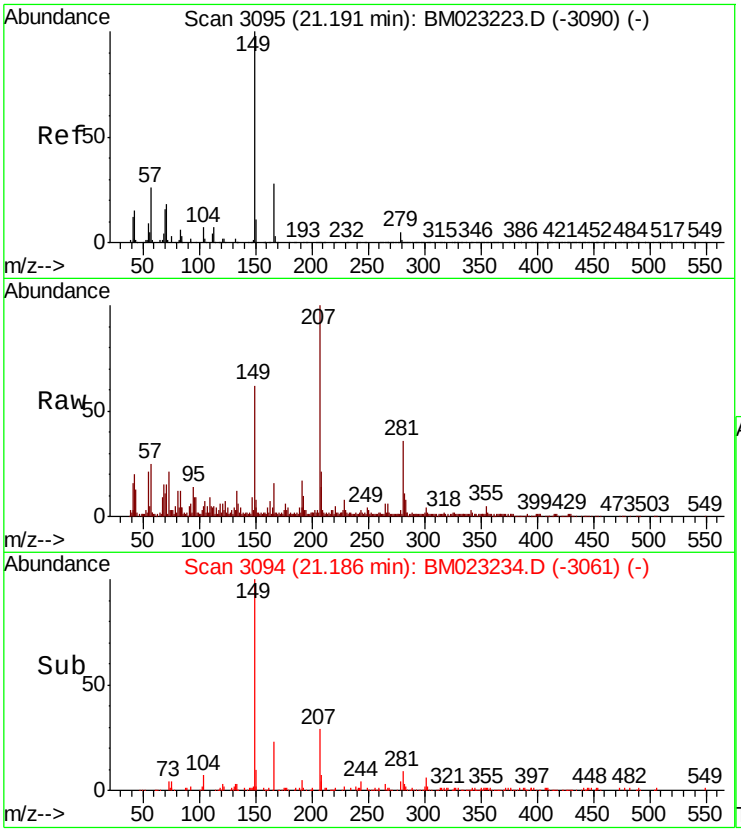


#83
Benzo(a)anthracene
Concen: 2.998 ng/ul
RT: 21.23 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:228 Resp: 354727

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	29.1	21.6	32.4



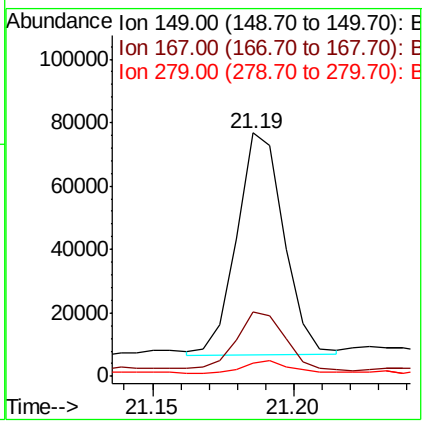


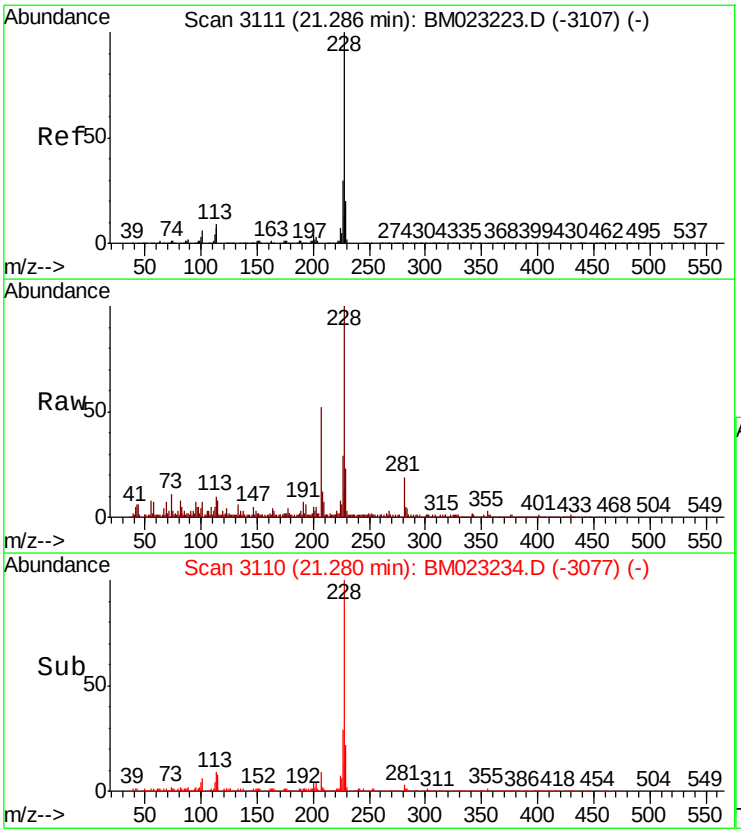
#84
Bis(2-ethylhexyl)phthalate
Concen: 1.342 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:149 Resp: 81195

Ion	Ratio	Lower	Upper
149	100		
167	26.2	22.5	33.7
279	5.5	4.0	6.0

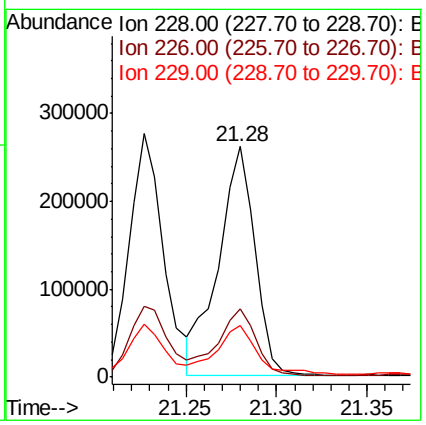


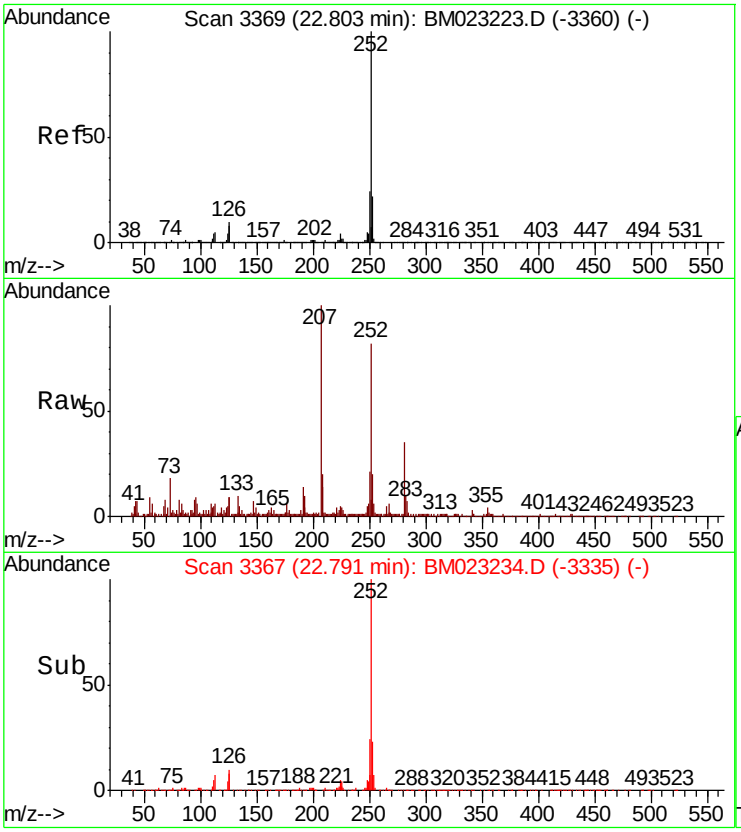


#85
Chrysene
Concen: 3.347 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:228 Resp: 367707

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	22.5	15.5	23.3



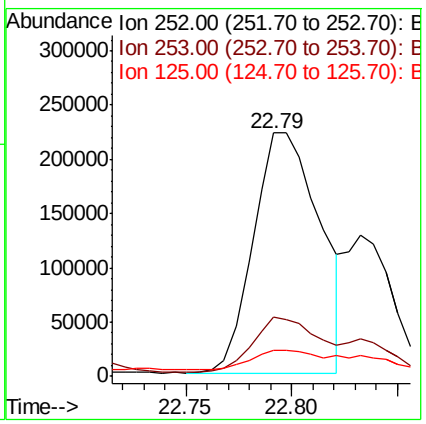


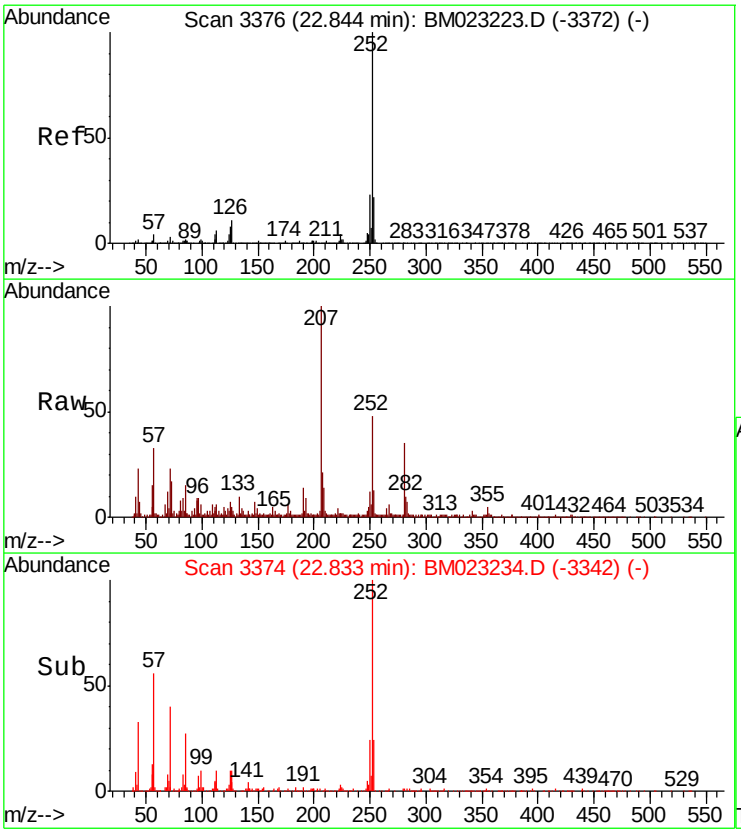
#88
Benzo(b)fluoranthene
Concen: 3.724 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:252 Resp: 484779

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.6	26.4
125	10.8	6.4	9.6#

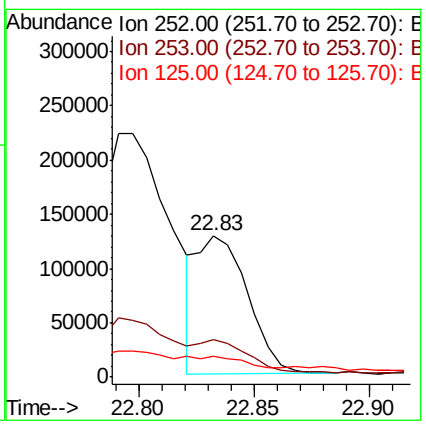


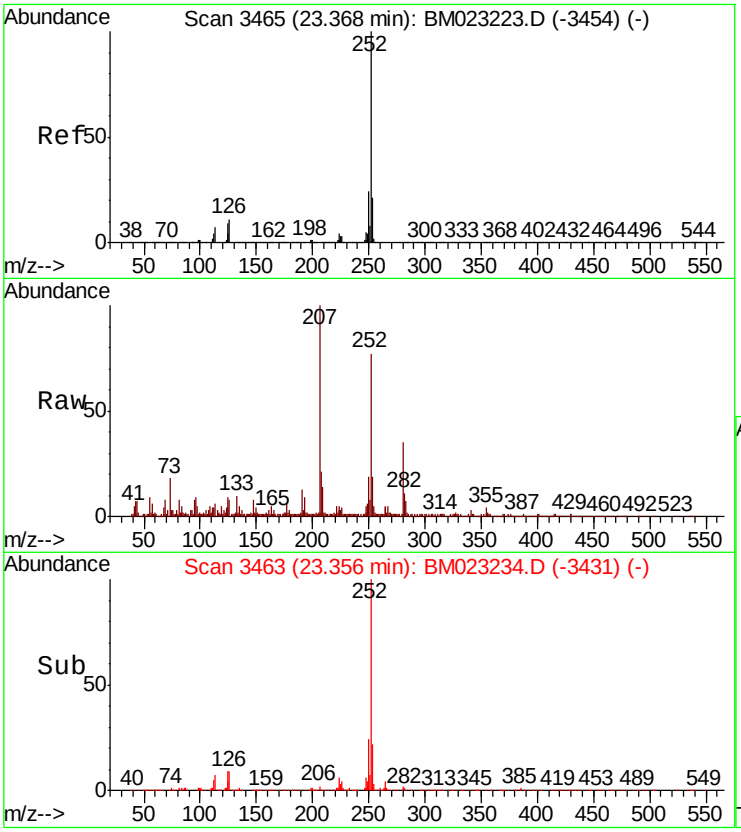


#89
Benzo(k)fluoranthene
Concen: 1.523 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:252 Resp: 190438

Ion	Ratio	Lower	Upper
252	100		
253	26.4	17.4	26.0#
125	14.9	6.5	9.7#



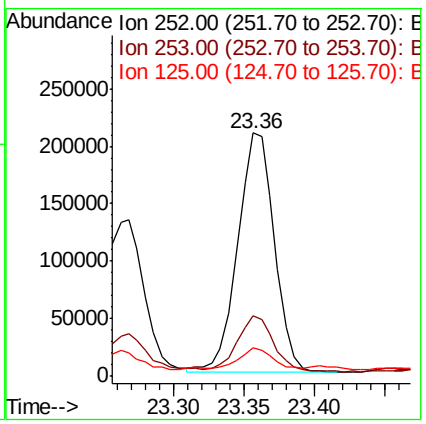


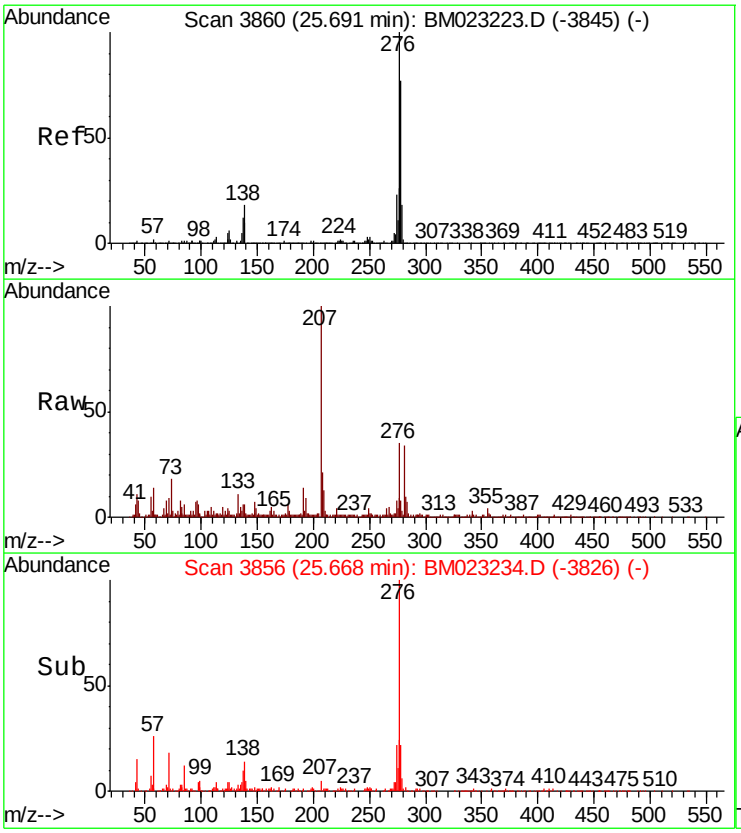
#91
Benzo(a)pyrene
Concen: 3.044 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:252 Resp: 380219

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.2	25.8
125	11.8	7.4	11.0#

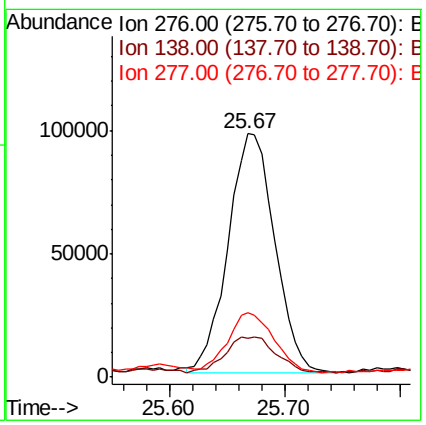


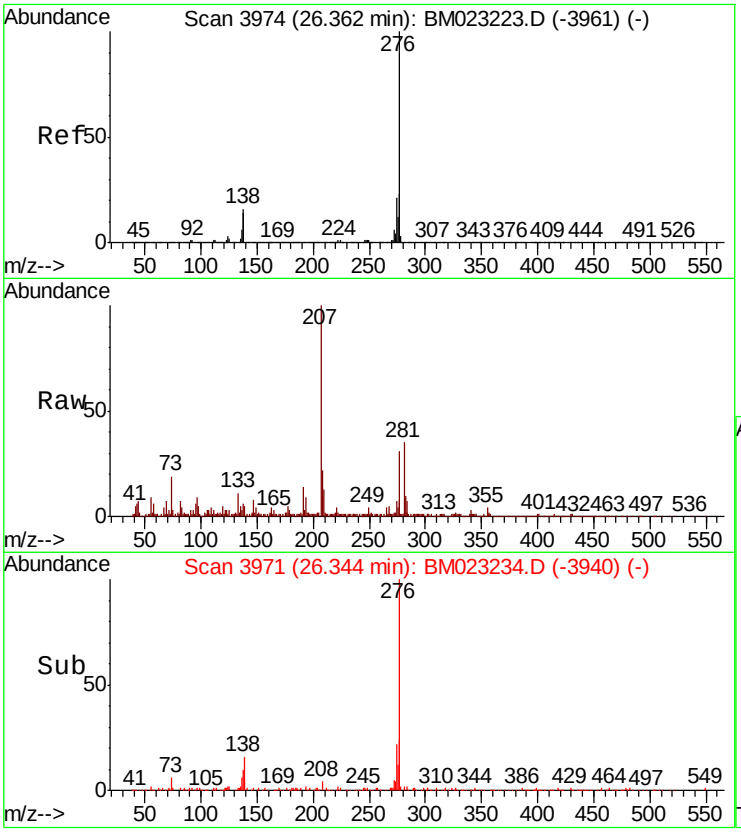


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.825 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. -0.02 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Tgt Ion:276 Resp: 271108

Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.9	22.3
277	26.4	19.8	29.8





#94
Benzo(g,h,i)perylene
Concen: 2.101 ng/ul
RT: 26.34 min Scan# 3971
Delta R.T. -0.02 min
Lab File: BM023234.D
Acq: 17 Oct 2019 23:53

Instrument :
BNA_M
ClientSampleId :
BEPC2

Tgt Ion:276 Resp: 257093

Ion	Ratio	Lower	Upper
276	100		
138	17.6	14.4	21.6
277	25.5	19.4	29.2