Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

Quantitation Report (Not Reviewed)

Data File : BM023229.D
Acq On : 17 Oct 2019 20:54
Operator : JU
Sample : K5236-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEPM7

Quant Time: Oct 18 06:56:41 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	331701	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1308024	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	799641	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1643169	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	1666006	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2064066	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	27477	3.65	ng/uL	0.00
5) Phenol-d5	6.84	99	561435	19.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	338752	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	477566	21.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	420005	18.10	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	230844	26.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	255336	30.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	485099	22.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	520884	19.98	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1527920	24.93	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1774147	24.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	165147	16.65	ng/ul	0.00
58) Fluorene-d10	15.30	176	1318083	25.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	147130	22.58	ng/ul	0.00
71) Anthracene-d10	17.15	188	2109224	26.62	ng/ul	0.00
79) Pyrene-d10	19.45	212	2450033	30.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	2997858	28.65	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.86	94	92335	3.099	ng/ul	97
45) Dimethylphthalate	13.77	163	464640	7.575	ng/ul	99
70) Phenanthrene	17.10	178	391515	4.246	ng/ul	99
72) Anthracene	17.10	178	391984	4.113	ng/ul	100
77) Fluoranthene	19.12	202	1218534	11.111	ng/ul	99
80) Pyrene	19.48	202	1083411	10.381	ng/ul	98
83) Benzo(a)anthracene	21.23	228	535375	4.743	ng/ul	97
85) Chrysene	21.28	228	648176	6.184	ng/ul	96
88) Benzo(b)fluoranthene	22.80	252	1022285	8.169	ng/ul	98
89) Benzo(k)fluoranthene	22.80	252	1022285	8.507	ng/ul	97
91) Benzo(a)pyrene	23.36	252	670475	5.584	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.67	276	564221	3.950	ng/ul	96
93) Dibenzo(a,h)anthracene	25.69	278	131812	1.104	ng/ul#	88
94) Benzo(g,h,i)perylene	26.35	276	548341	4.663	ng/ul	99

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

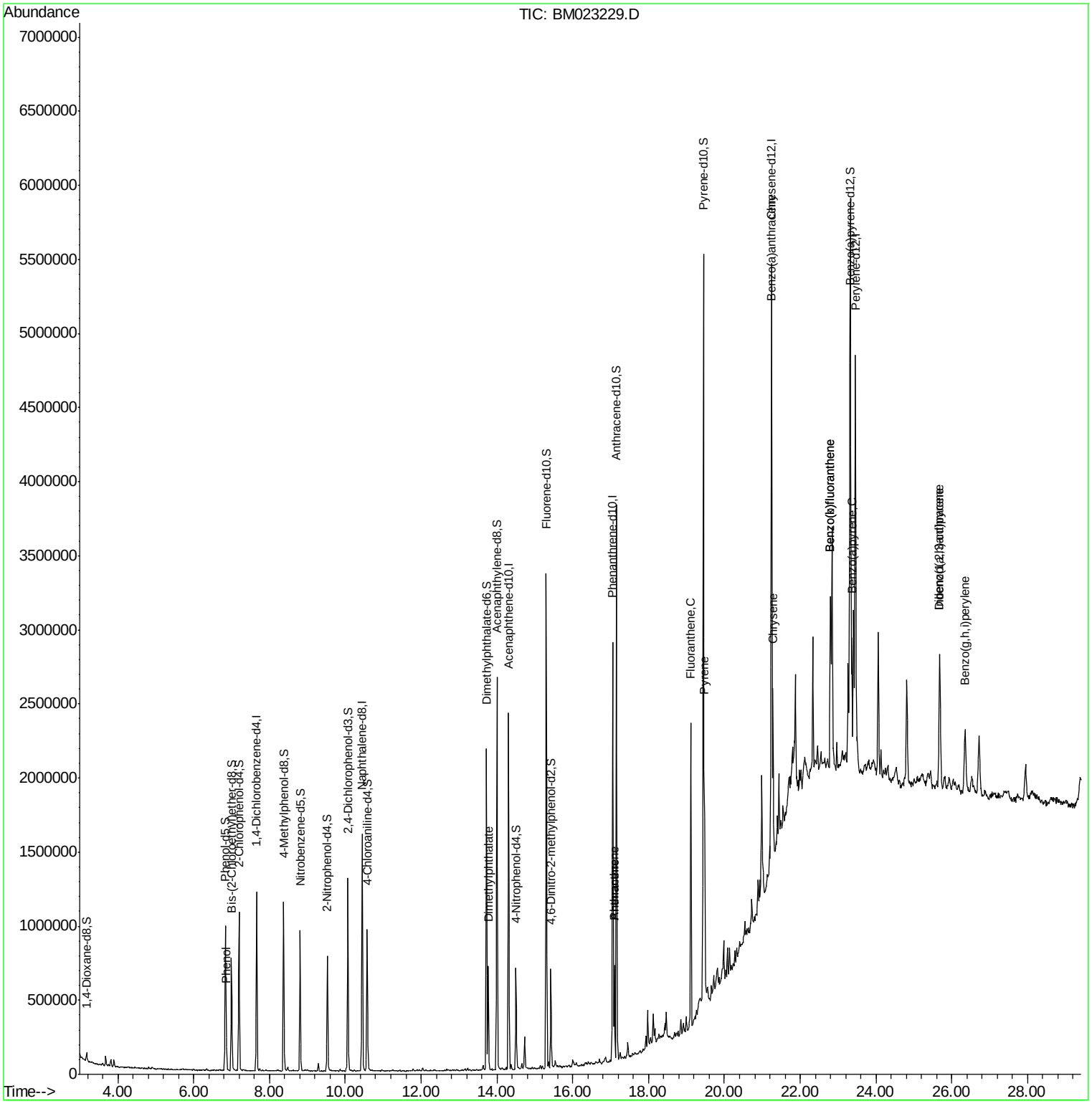
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101719\

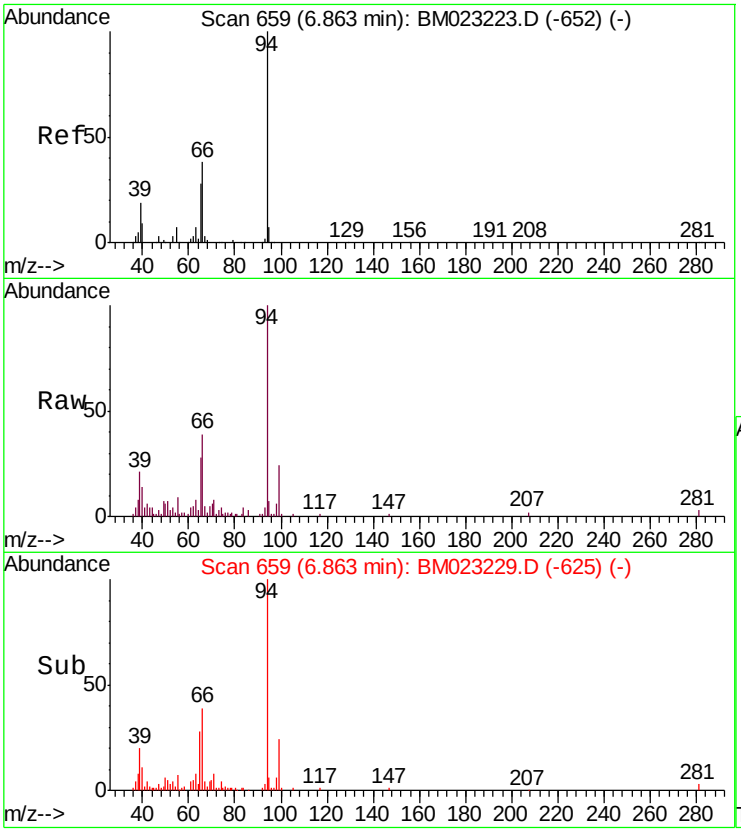
Quantitation Report (Not Reviewed)

Data File : BM023229.D
Acq On : 17 Oct 2019 20:54
Operator : JU
Sample : K5236-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BEPM7

Quant Time: Oct 18 06:56:41 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



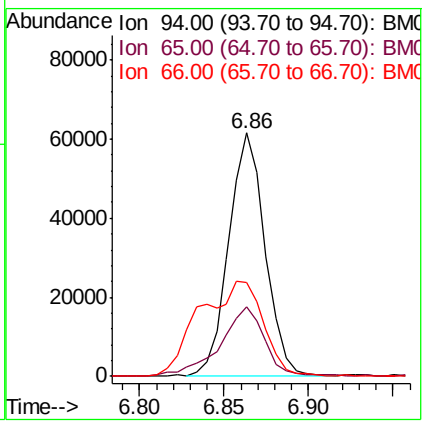


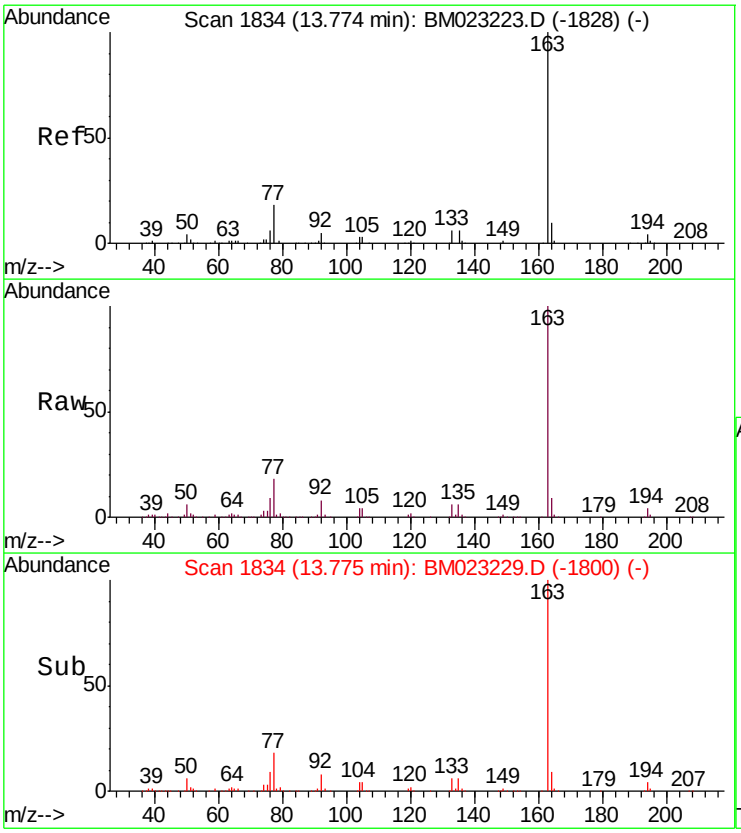
#6
Phenol
Concen: 3.099 ng/ul
RT: 6.86 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion: 94 Resp: 92335

Ion	Ratio	Lower	Upper
94	100		
65	28.3	23.7	35.5
66	38.8	32.9	49.3

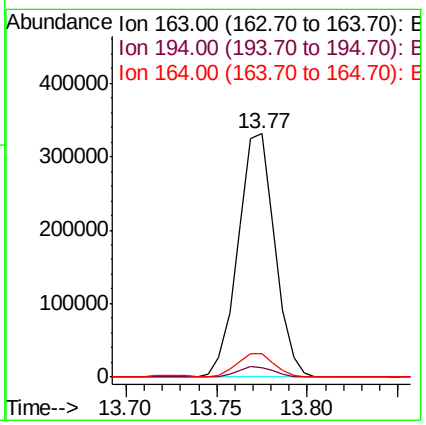


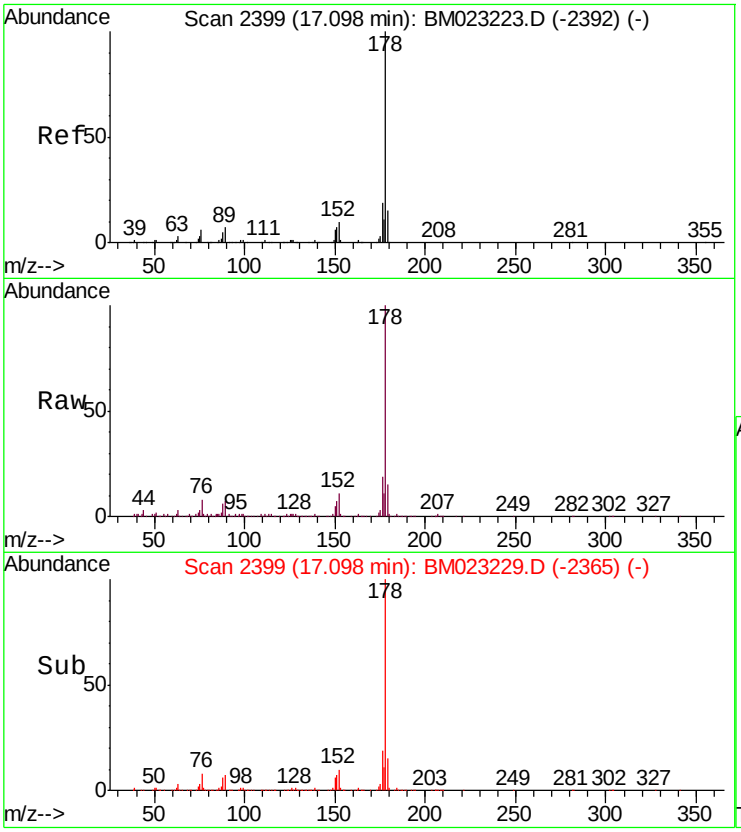


#45
Dimethylphthalate
Concen: 7.575 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:163 Resp: 464640

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	9.5	8.0	12.0



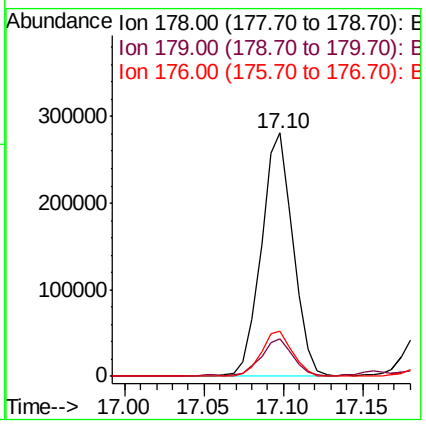


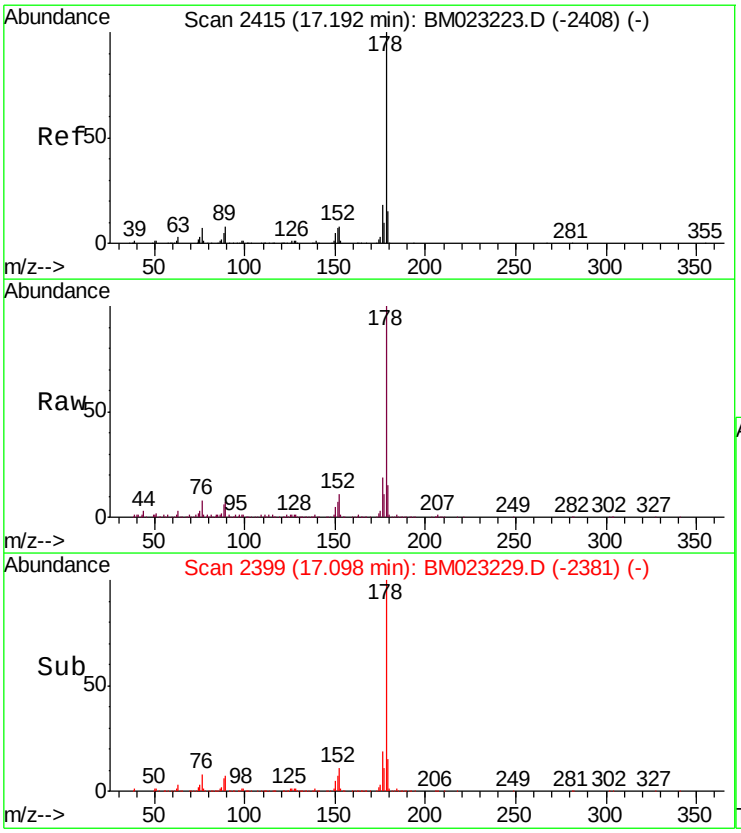
#70
Phenanthrene
Concen: 4.246 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:178 Resp: 391515

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.5	23.3

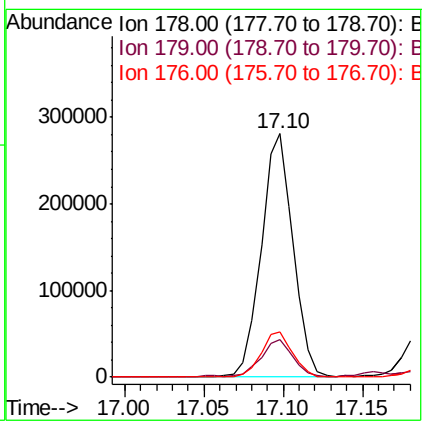


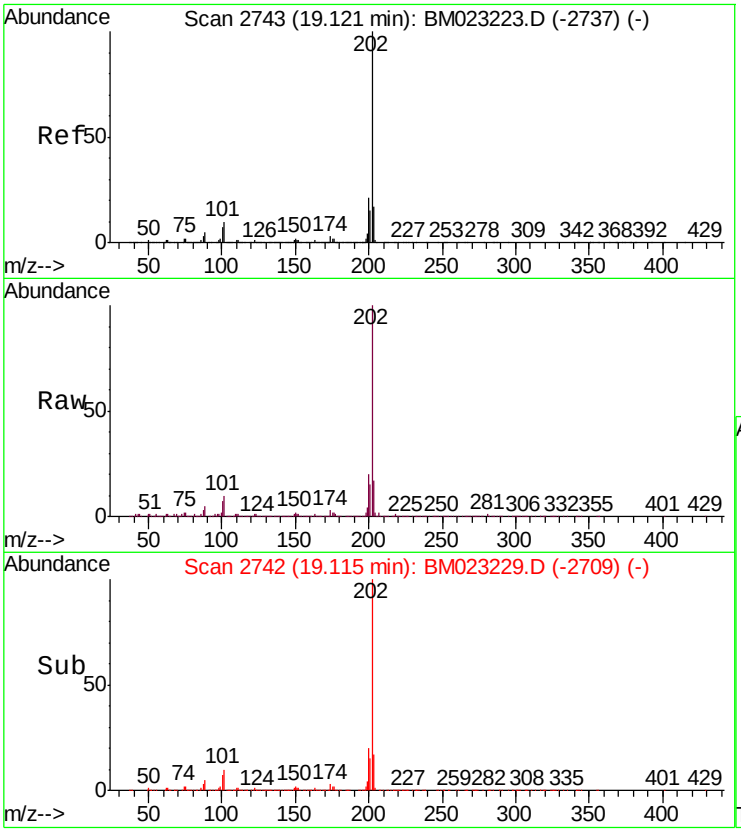


#72
Anthracene
Concen: 4.113 ng/ul
RT: 17.10 min Scan# 2399
Delta R.T. -0.09 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:178 Resp: 391984

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.6	15.0	22.4



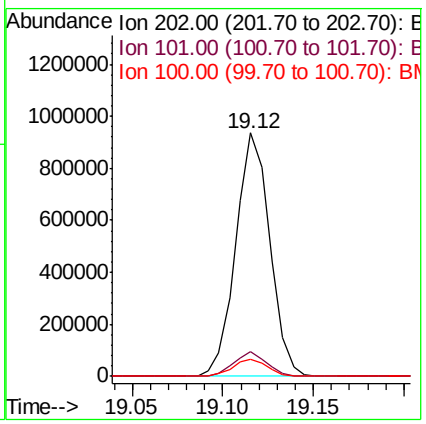


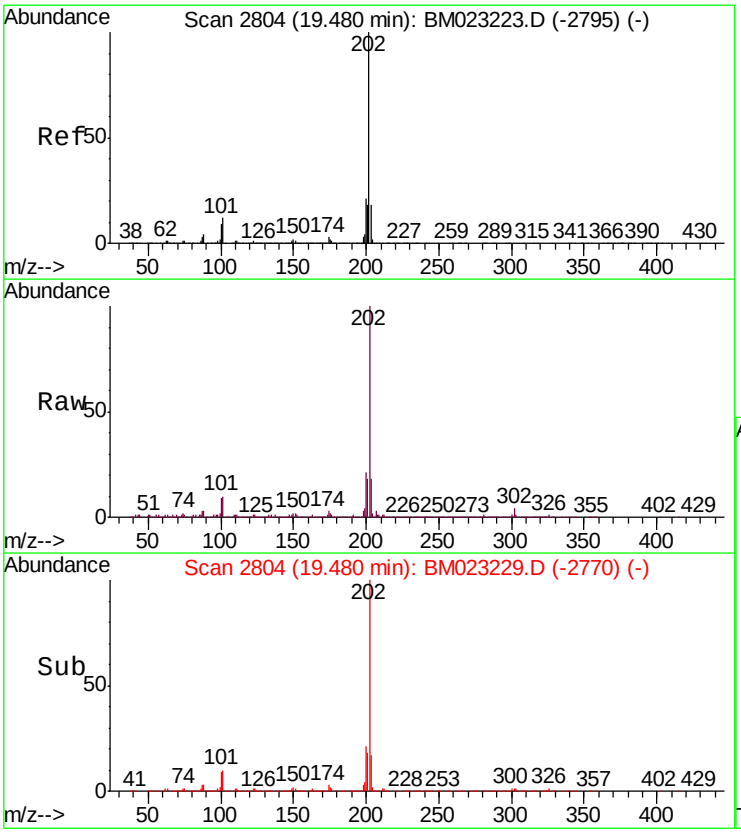
#77
Fluoranthene
Concen: 11.111 ng/ul
RT: 19.12 min Scan# 2742
Delta R.T. -0.01 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:202 Resp: 1218534

Ion	Ratio	Lower	Upper
202	100		
101	9.9	7.8	11.8
100	7.2	6.1	9.1

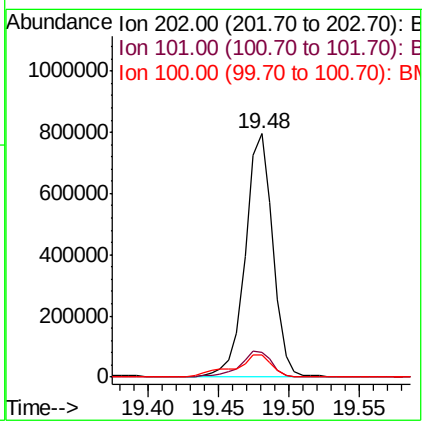


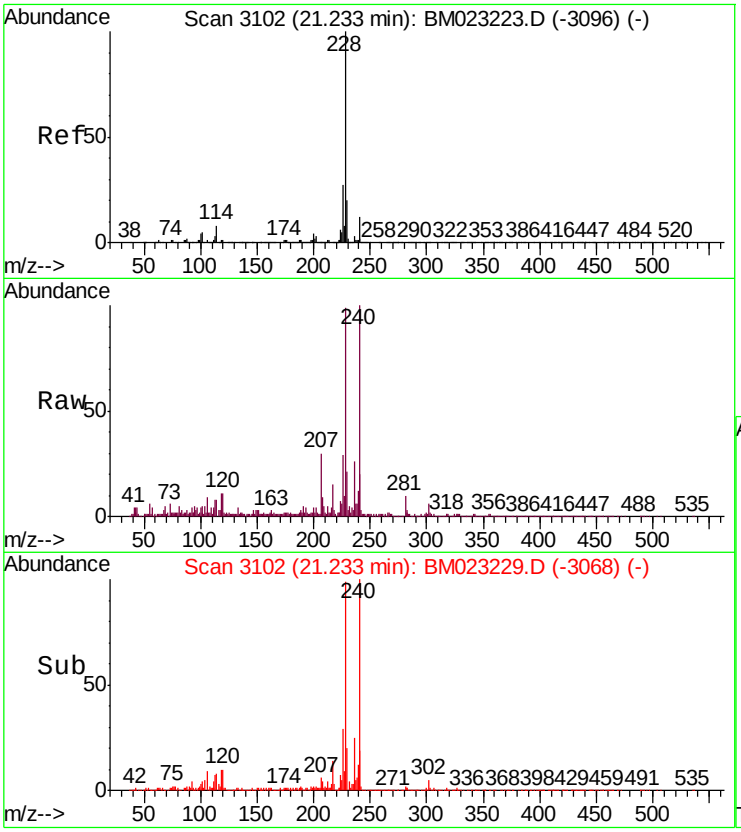


#80
Pyrene
Concen: 10.381 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:202 Resp: 1083411

Ion	Ratio	Lower	Upper
202	100		
101	10.3	9.1	13.7
100	9.1	7.5	11.3



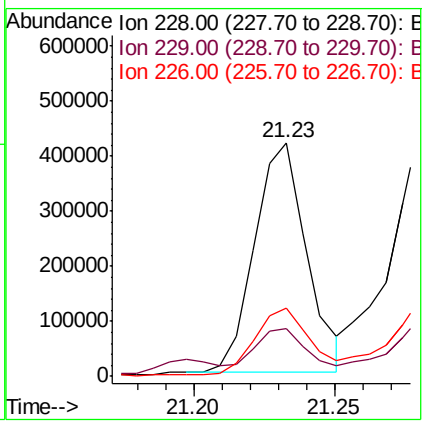


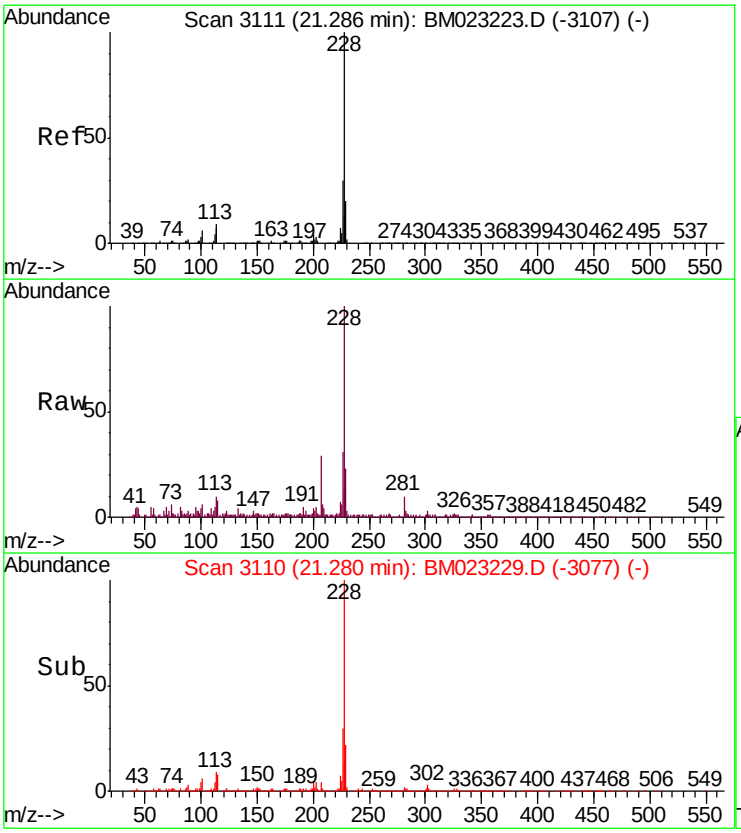
#83
Benzo(a)anthracene
Concen: 4.743 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:228 Resp: 535375

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	29.1	21.6	32.4

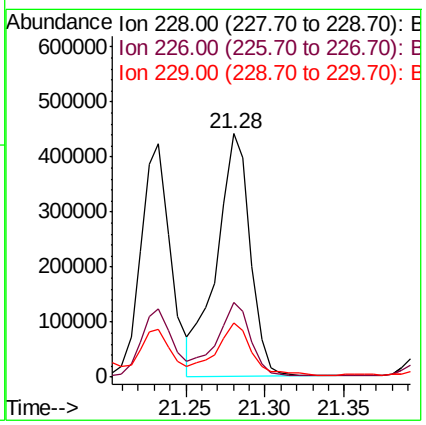


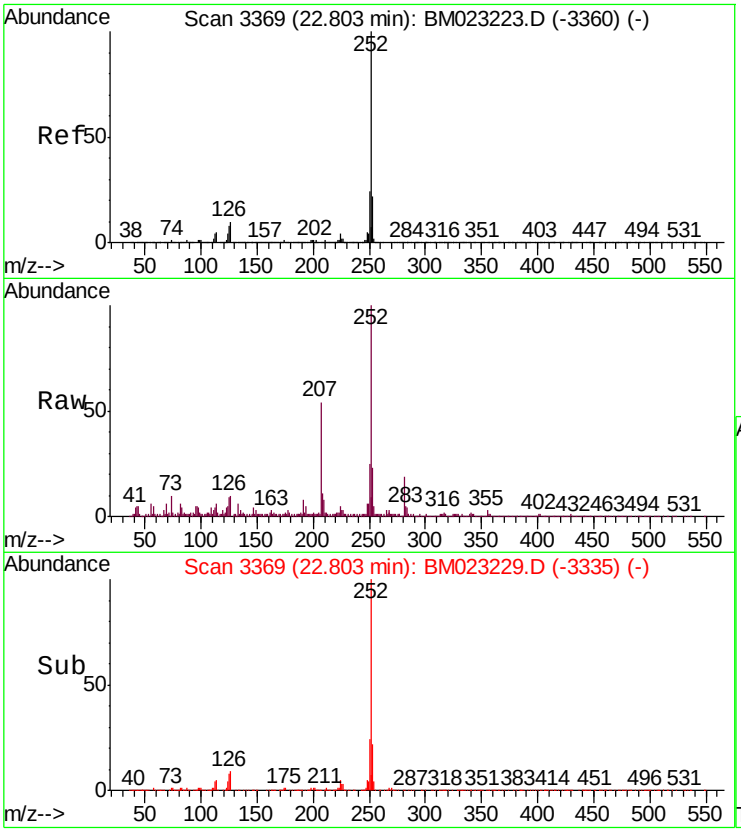


#85
Chrysene
Concen: 6.184 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. -0.01 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:228 Resp: 648176

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.8	35.6
229	22.5	15.5	23.3



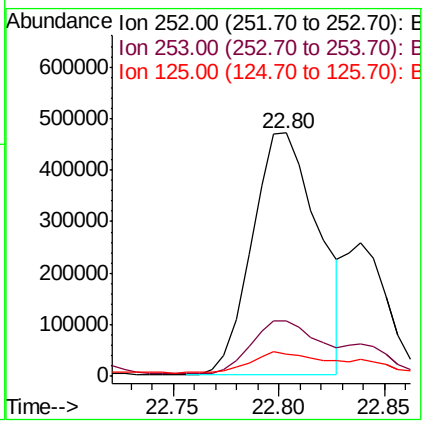


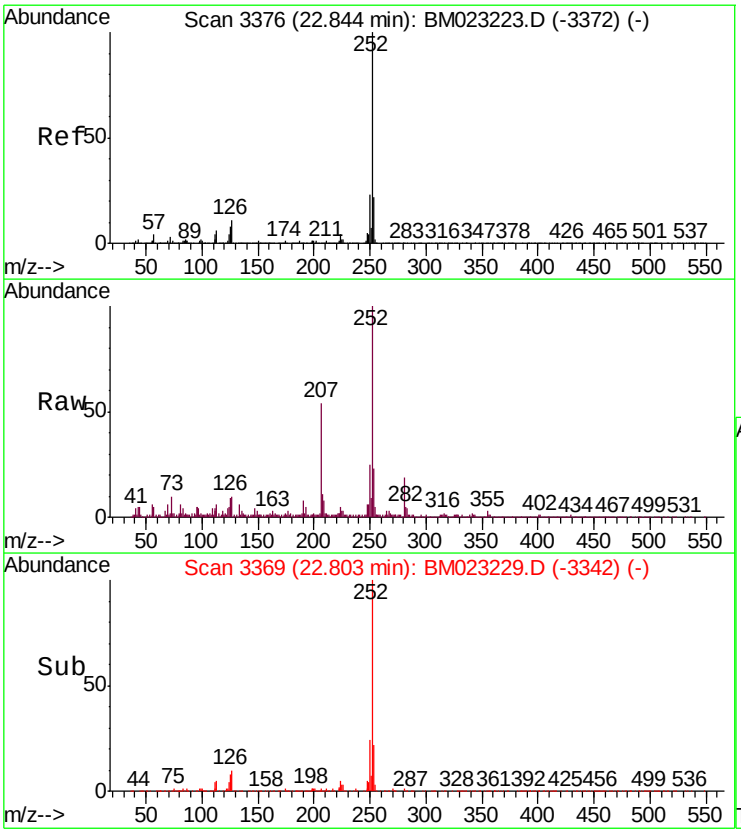
#88
Benzo(b)fluoranthene
Concen: 8.169 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. 0.00 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:252 Resp: 1022285

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.2	6.4	9.6

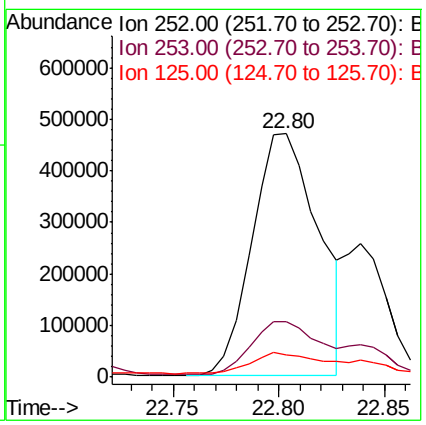


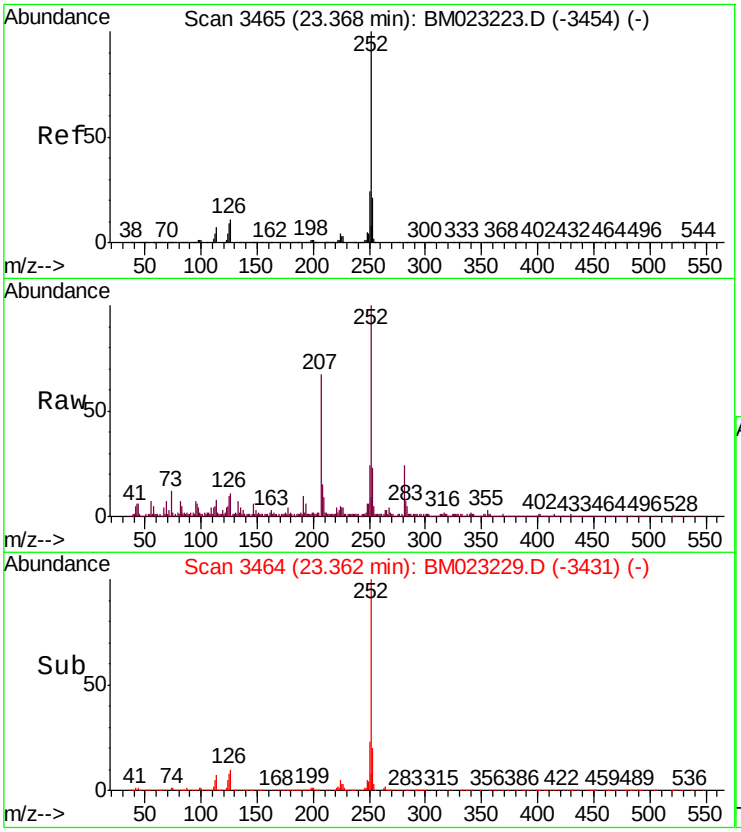


#89
Benzo(k)fluoranthene
Concen: 8.507 ng/ul
RT: 22.80 min Scan# 3369
Delta R.T. -0.04 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:252 Resp: 1022285

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	9.2	6.5	9.7



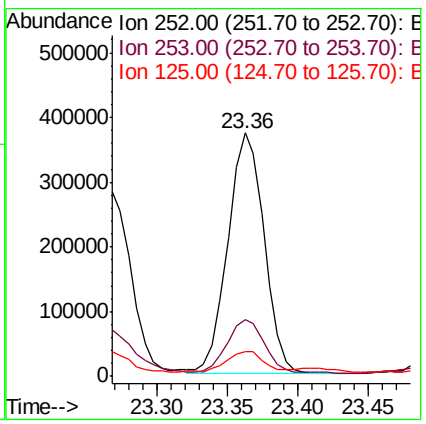


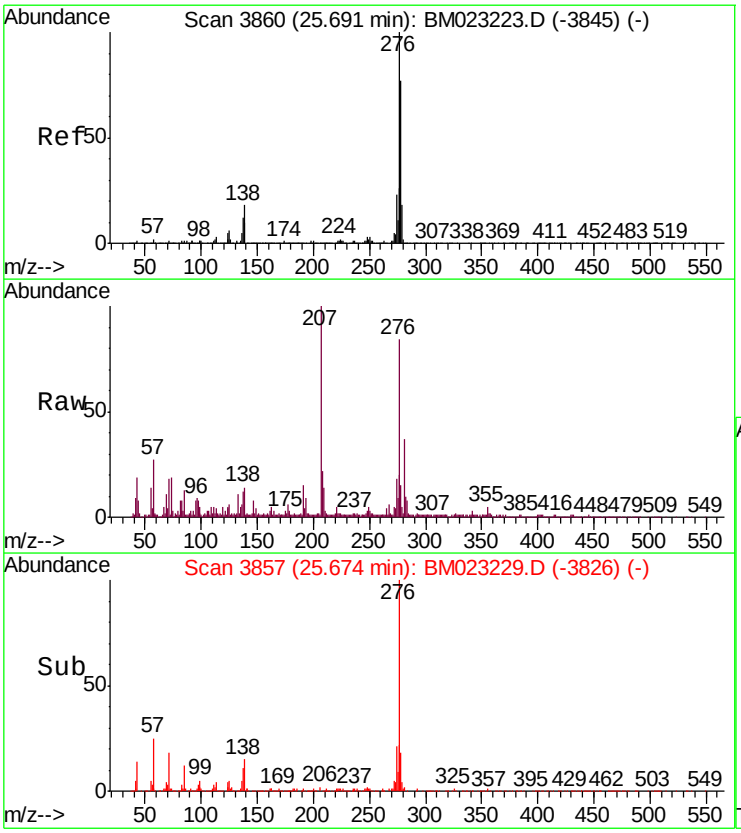
#91
Benzo(a)pyrene
Concen: 5.584 ng/ul
RT: 23.36 min Scan# 3464
Delta R.T. -0.01 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:252 Resp: 670475

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.2	25.8
125	10.4	7.4	11.0

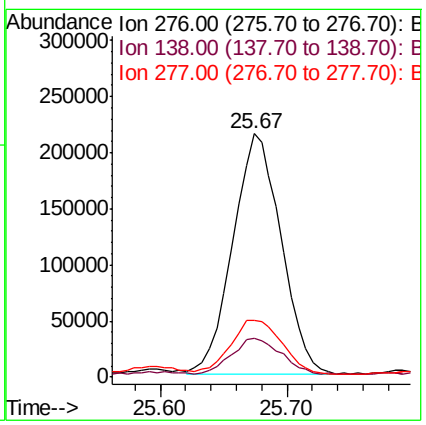


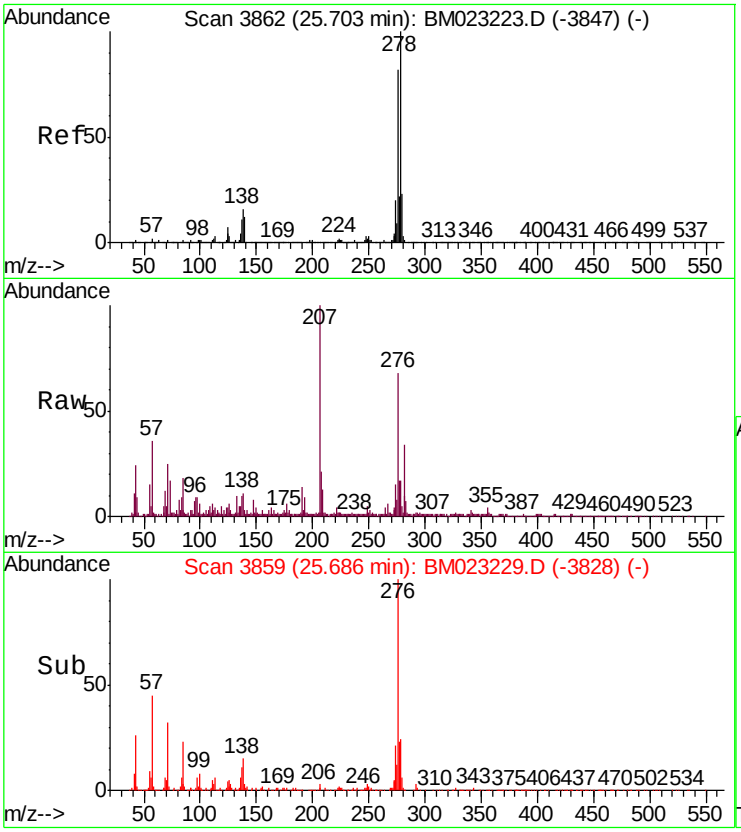


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.950 ng/ul
RT: 25.67 min Scan# 3857
Delta R.T. -0.02 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:276 Resp: 564221

Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.9	22.3
277	23.5	19.8	29.8



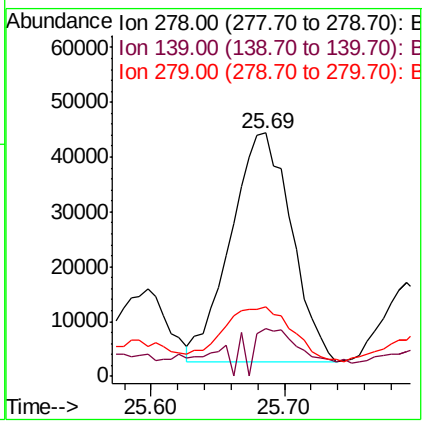


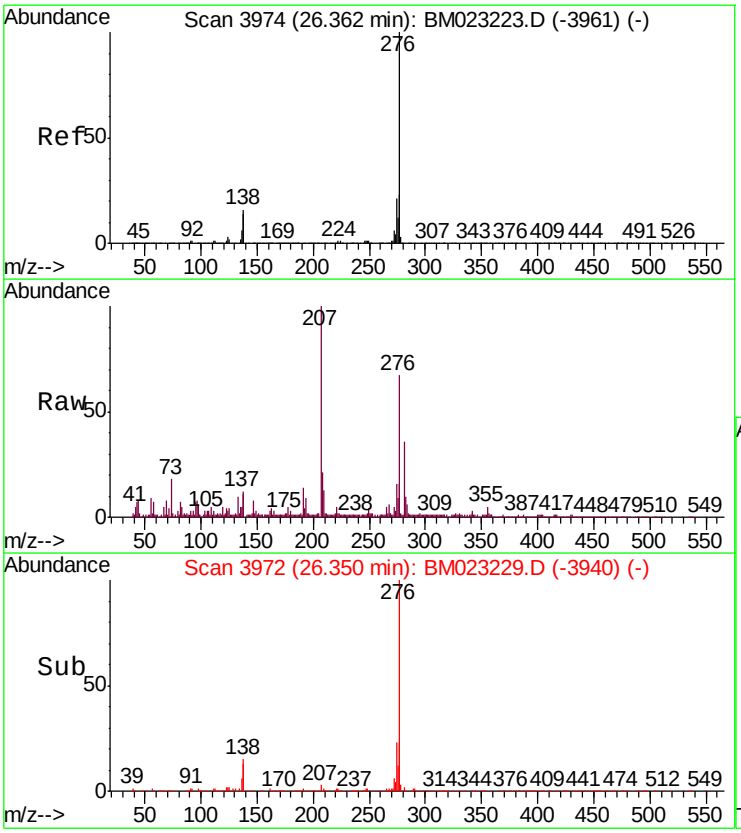
#93
Dibenzo(a,h)anthracene
Concen: 1.104 ng/ul
RT: 25.69 min Scan# 3859
Delta R.T. -0.02 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Instrument :
BNA_M
ClientSampleId :
BEPM7

Tgt Ion:278 Resp: 131812

Ion	Ratio	Lower	Upper
278	100		
139	19.8	10.0	15.0#
279	28.6	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 4.663 ng/ul
RT: 26.35 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM023229.D
Acq: 17 Oct 2019 20:54

Tgt Ion:276 Resp: 548341

Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.4	21.6
277	24.2	19.4	29.2