Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023177.D
Acq On : 15 Oct 2019 21:34
Operator : JU
Sample : K5202-06
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 16 06:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	475661	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	2035277	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	1307198	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	2732981	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2374898	20.00	ng/ul	-0.01
86) Perylene-d12	23.47	264	2308558	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	34650	3.21	ng/uL	0.00
5) Phenol-d5	6.85	99	704966	17.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	431420	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	553916	17.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	579900	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	257563	18.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	246463	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	583107	17.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	597755	14.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1939323	19.36	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	2236547	19.04	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	163509	10.08	ng/ul	-0.01
58) Fluorene-d10	15.32	176	1672747	19.60	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.43	200	103740	9.57	ng/ul	-0.01
71) Anthracene-d10	17.17	188	2622788	19.90	ng/ul	-0.01
79) Pyrene-d10	19.46	212	2966861	25.80	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.33	264	2479911	21.19	ng/ul	-0.02
Target Compounds						Qvalue
6) Phenol	6.88	94	68937	1.614	ng/ul	97
45) Dimethylphthalate	13.79	163	927958	9.255	ng/ul	99
70) Phenanthrene	17.12	178	1239789	8.083	ng/ul	99
72) Anthracene	17.20	178	230386	1.454	ng/ul	99
77) Fluoranthene	19.13	202	2524238	13.838	ng/ul	100
80) Pyrene	19.49	202	1995842	13.415	ng/ul	98
83) Benzo(a)anthracene	21.24	228	1015236	6.309	ng/ul	96
85) Chrysene	21.29	228	993618	6.650	ng/ul	98
88) Benzo(b)fluoranthene	22.81	252	1326855	9.480	ng/ul	98
89) Benzo(k)fluoranthene	22.81	252	1326855	9.872	ng/ul	97
91) Benzo(a)pyrene	23.38	252	844083	6.286	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.69	276	573287	3.589	ng/ul	99
93) Dibenzo(a,h)anthracene	25.70	278	137000	1.026	ng/ul#	88
94) Benzo(g,h,i)perylene	26.37	276	527040	4.007	ng/ul	99

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

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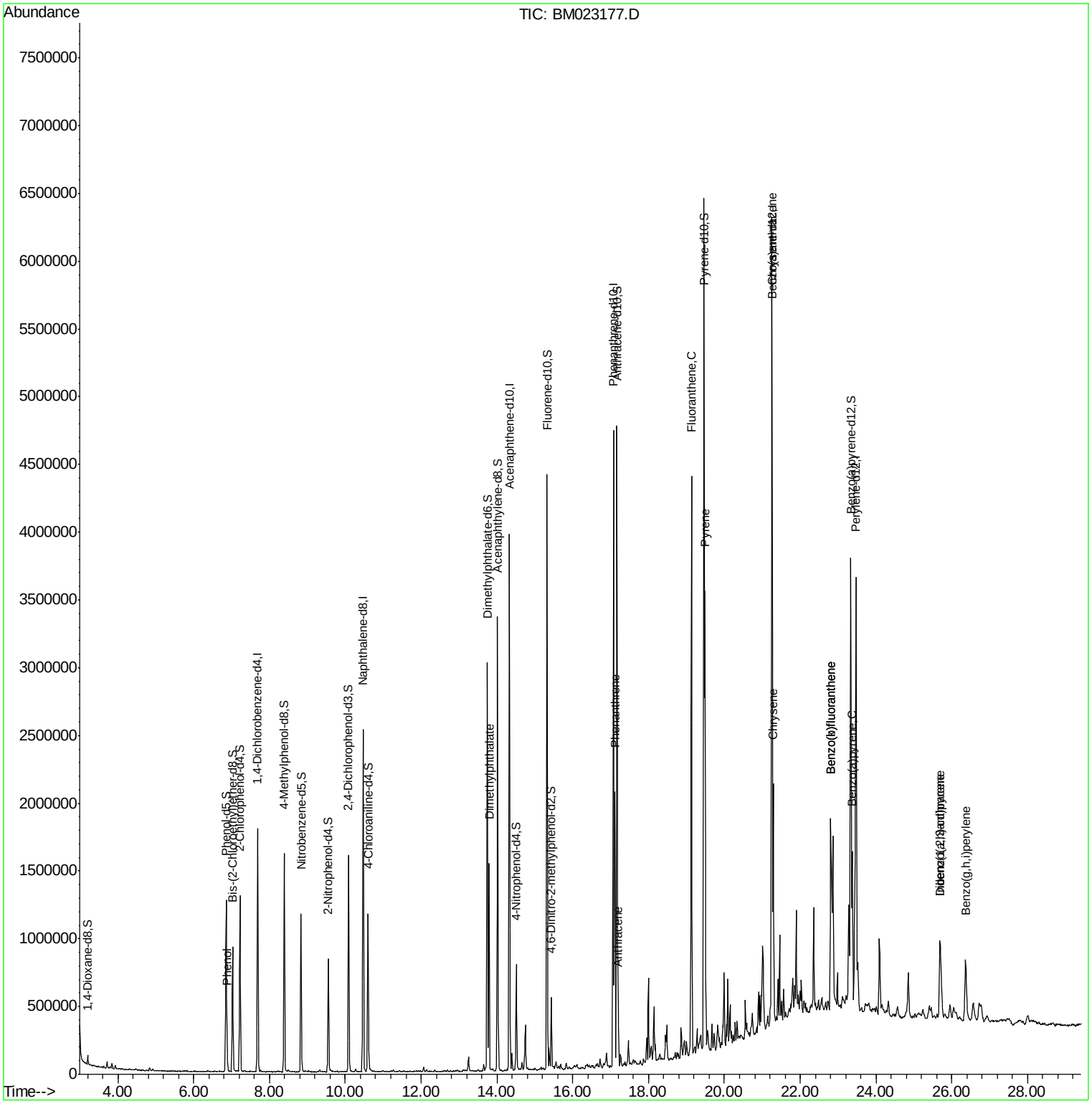
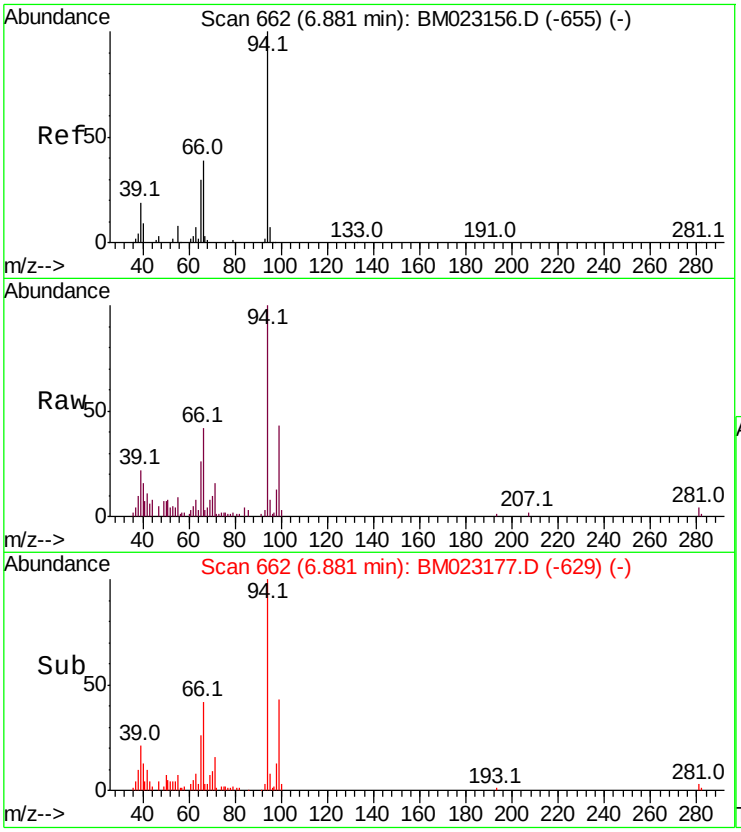
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 16 06:49:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration



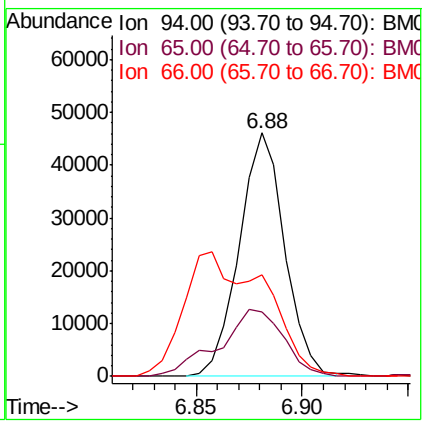


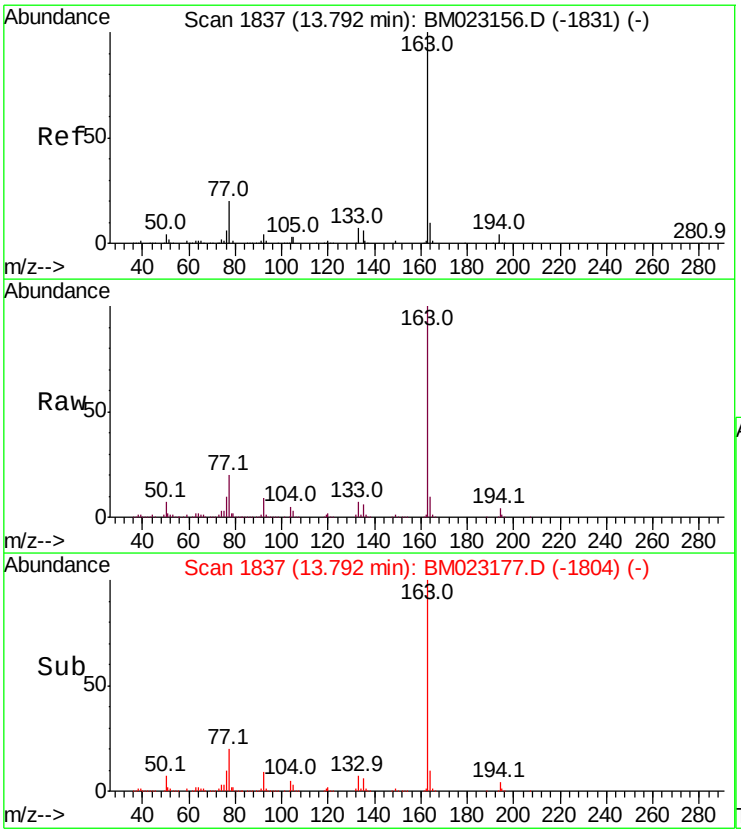
#6
Phenol
Concen: 1.614 ng/ul
RT: 6.88 min Scan# 662
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 94 Resp: 68937

Ion	Ratio	Lower	Upper
94	100		
65	26.4	23.7	35.5
66	41.5	32.9	49.3

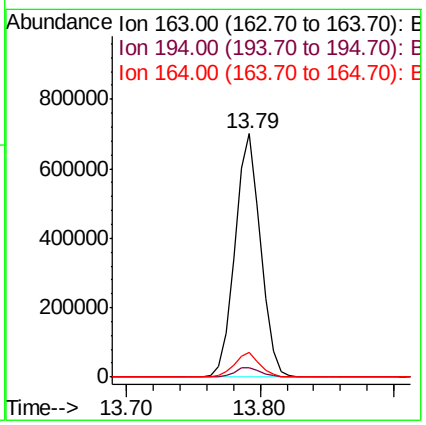


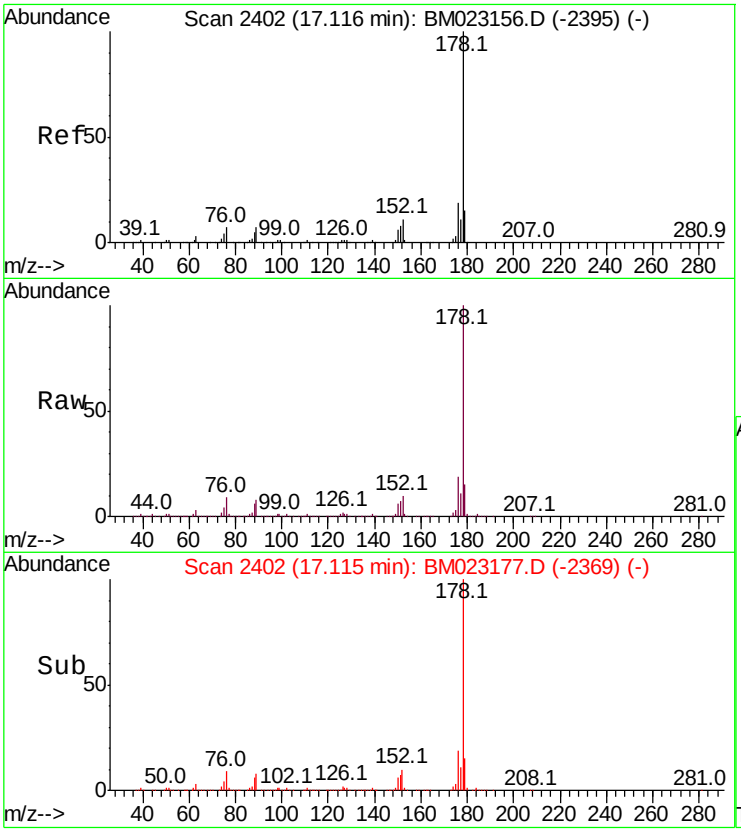


#45
Dimethylphthalate
Concen: 9.255 ng/ul
RT: 13.79 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:163 Resp: 927958

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.5	5.3
164	10.1	8.0	12.0



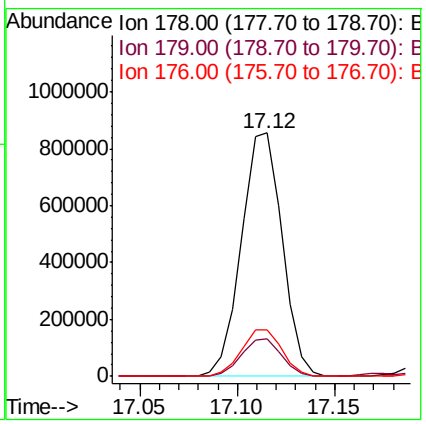


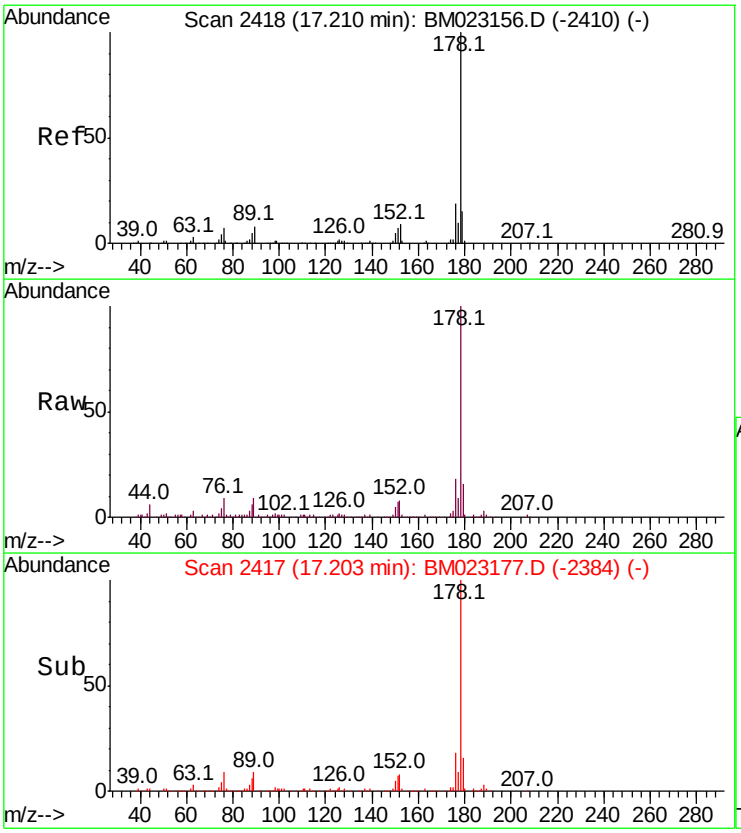
#70
Phenanthrene
Concen: 8.083 ng/ul
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1239789

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.0	15.5	23.3

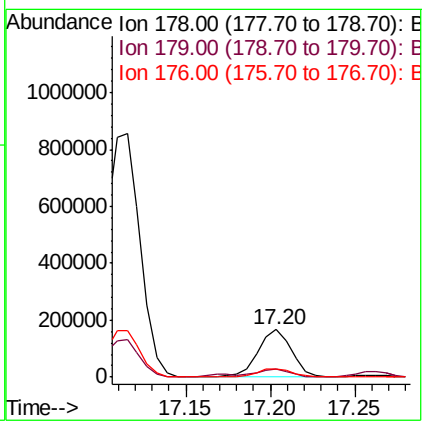


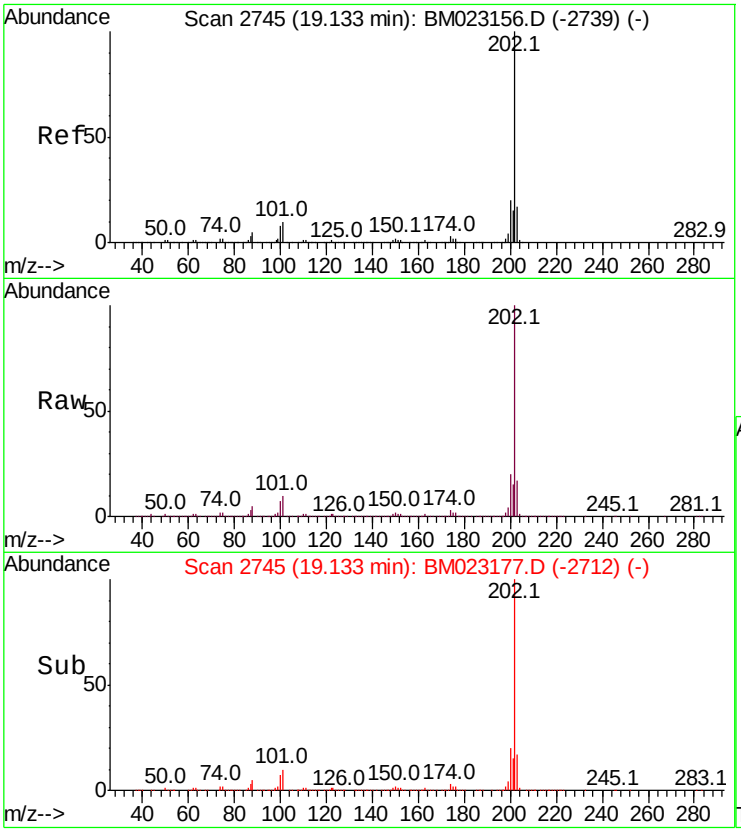


#72
Anthracene
Concen: 1.454 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:178 Resp: 230386

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	18.2	15.0	22.4



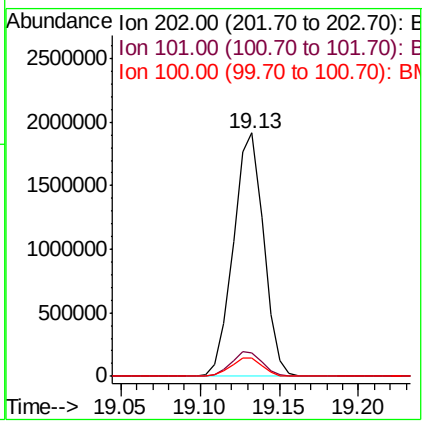


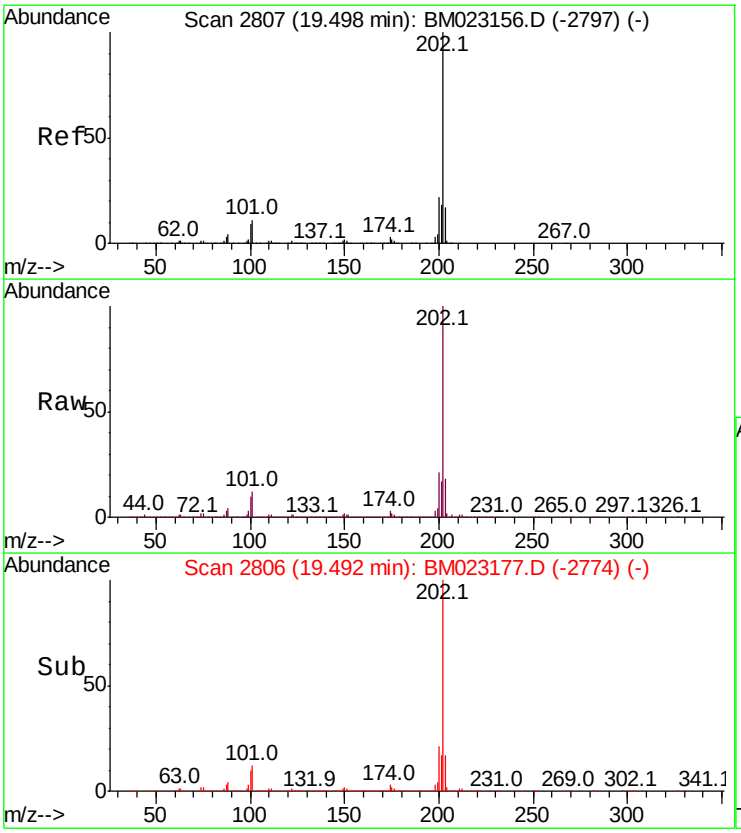
#77
Fluoranthene
Concen: 13.838 ng/ul
RT: 19.13 min Scan# 2745
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 2524238

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.8	11.8
100	7.5	6.1	9.1

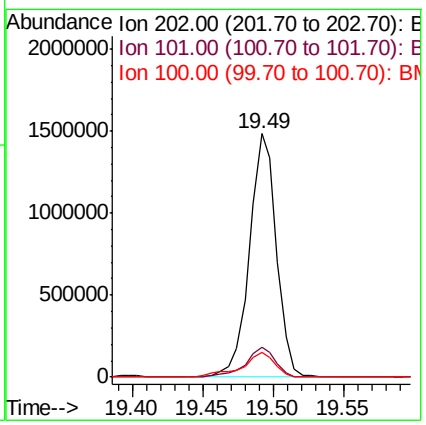


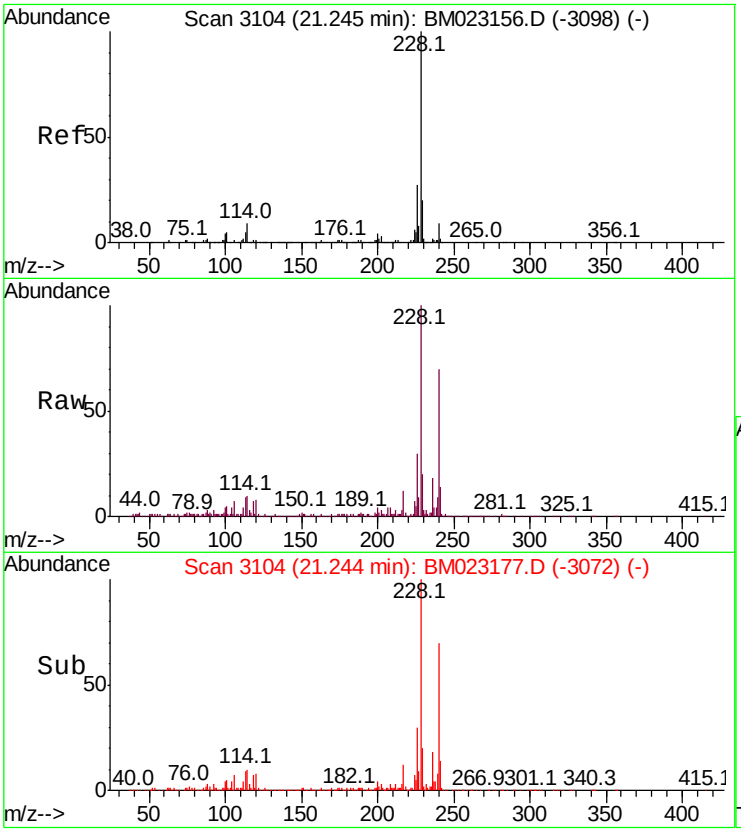


#80
Pyrene
Concen: 13.415 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:202 Resp: 1995842

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.1	13.7
100	10.1	7.5	11.3



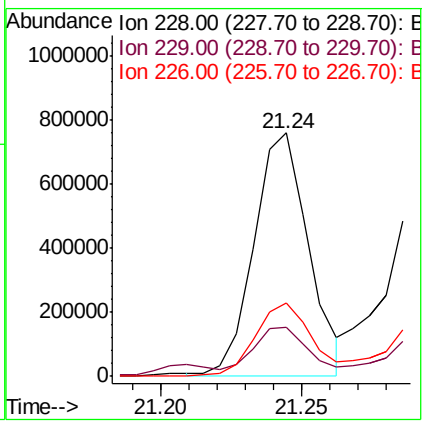


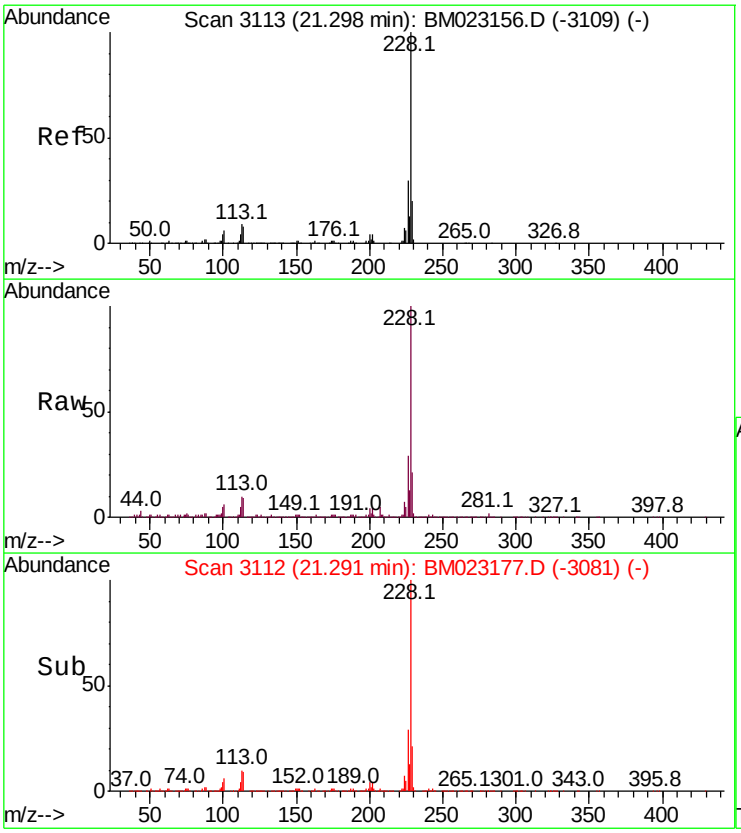
#83
Benzo(a)anthracene
Concen: 6.309 ng/ul
RT: 21.24 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 1015236

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	30.3	21.6	32.4

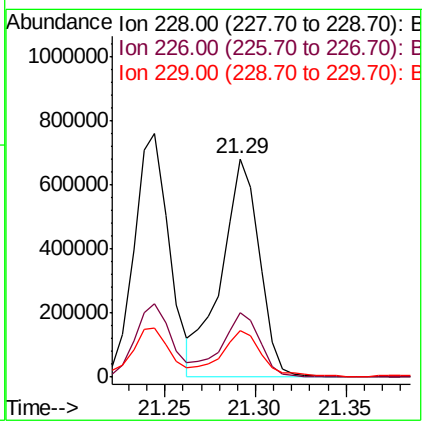


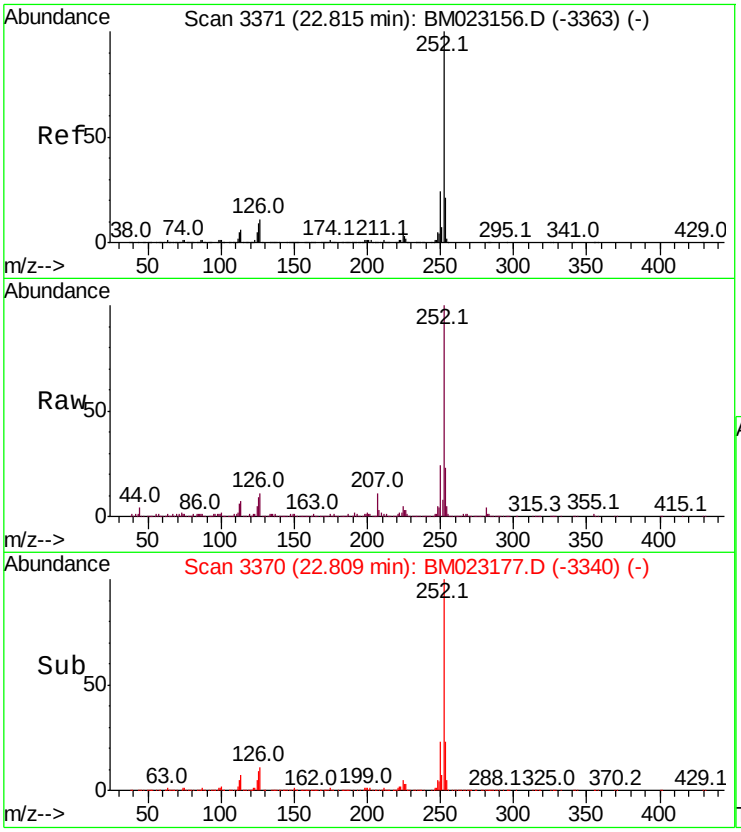


#85
Chrysene
Concen: 6.650 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:228 Resp: 993618

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.8	35.6
229	21.3	15.5	23.3



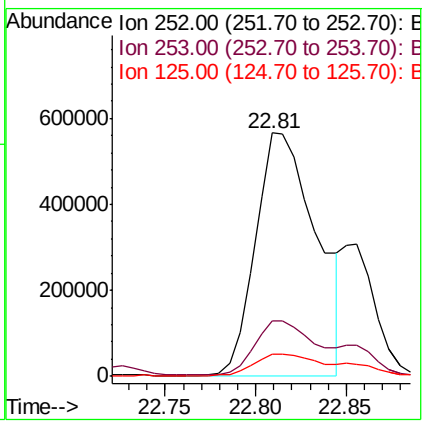


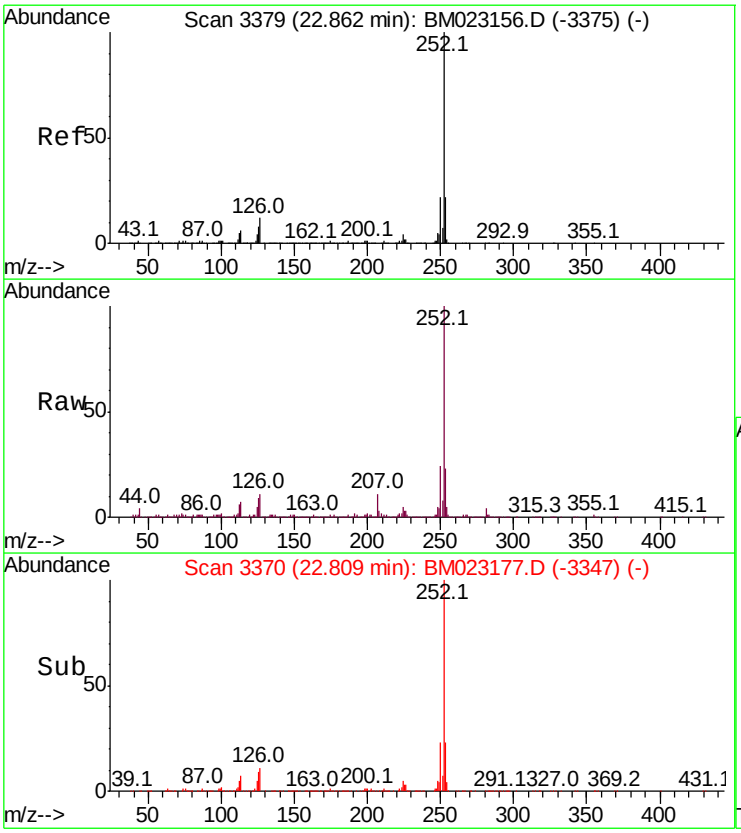
#88
Benzo(b)fluoranthene
Concen: 9.480 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1326855

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

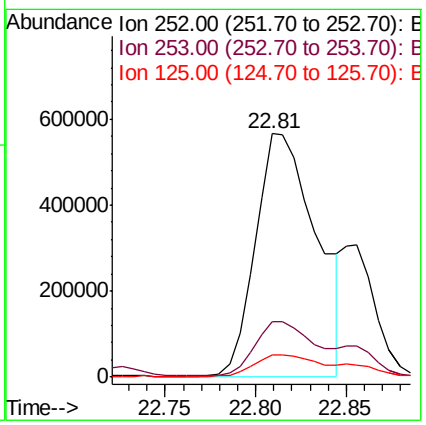


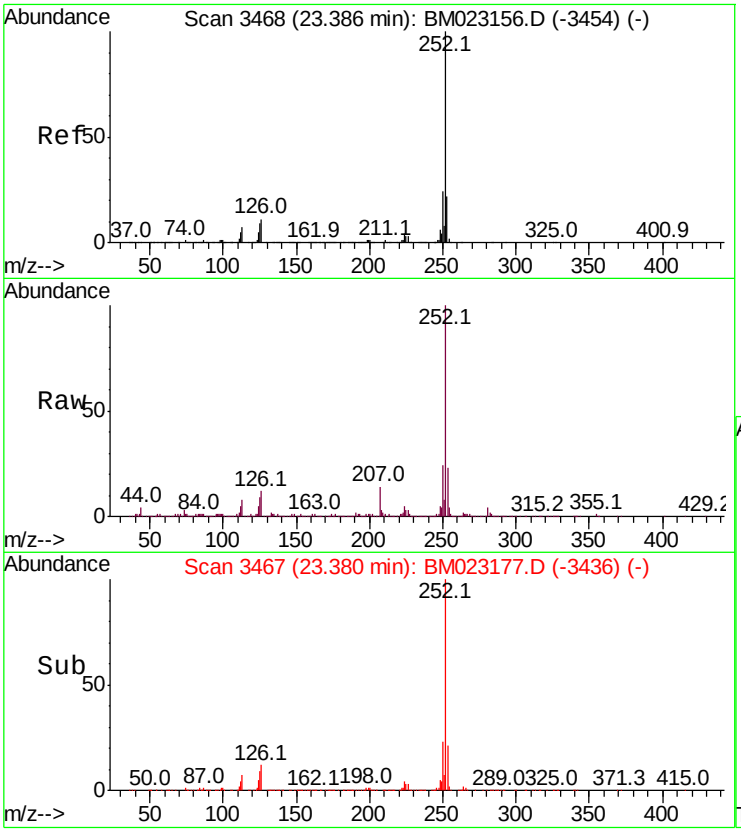


#89
Benzo(k)fluoranthene
Concen: 9.872 ng/ul
RT: 22.81 min Scan# 3370
Delta R.T. -0.06 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:252 Resp: 1326855

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



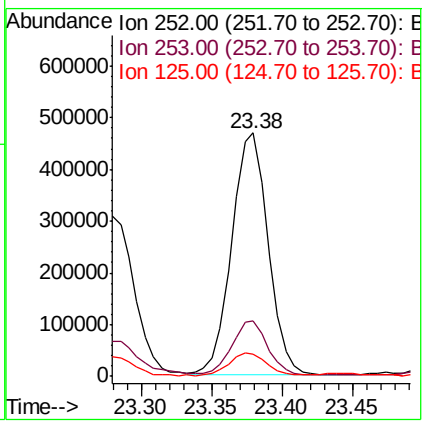


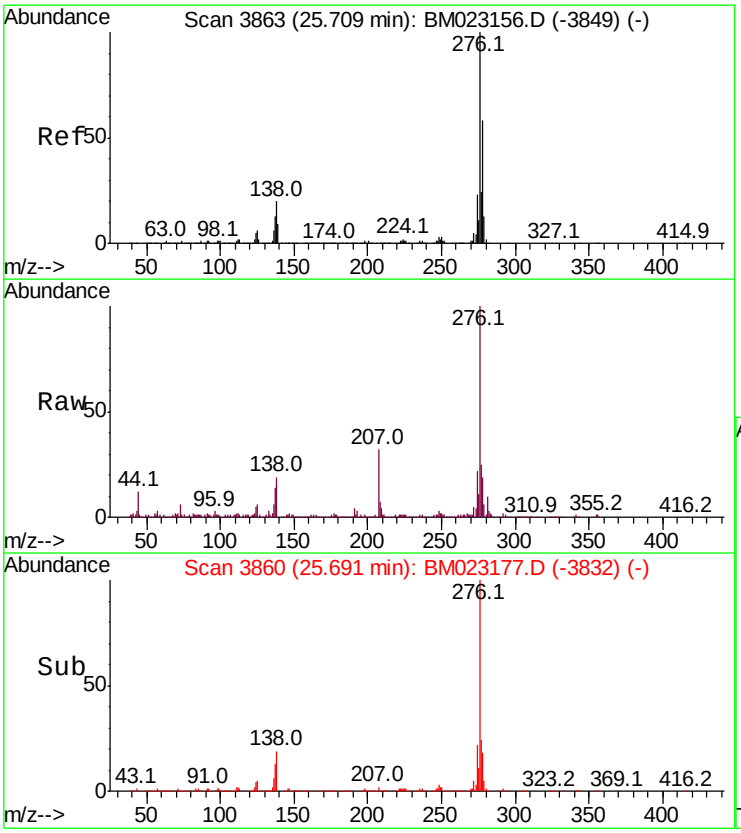
#91
Benzo(a)pyrene
Concen: 6.286 ng/ul
RT: 23.38 min Scan# 3467
Delta R.T. -0.02 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 844083

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.1	7.4	11.0

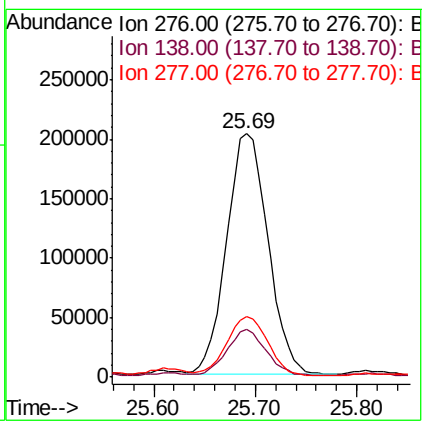


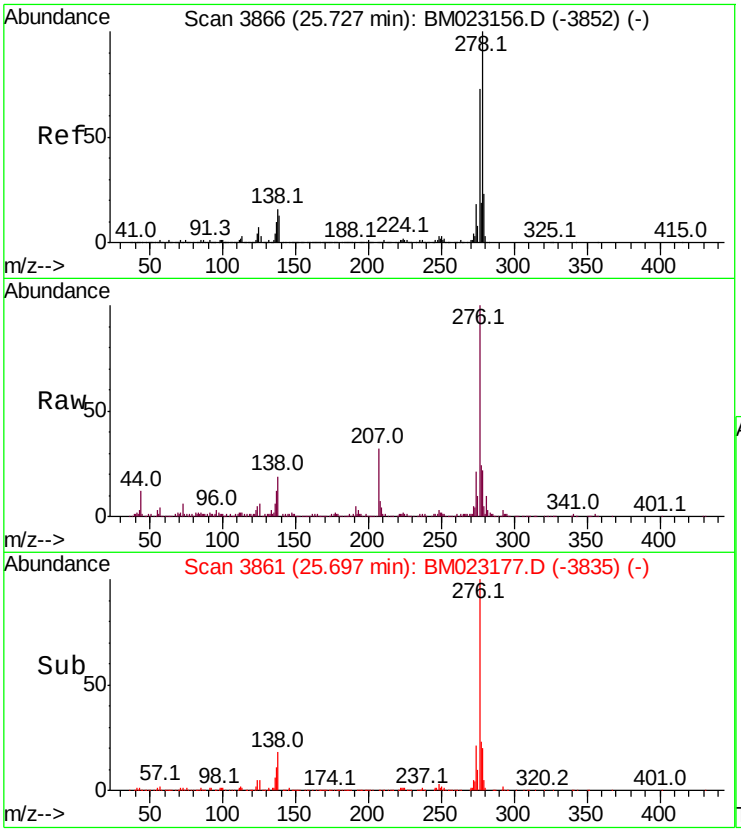


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.589 ng/ul
RT: 25.69 min Scan# 3860
Delta R.T. -0.04 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:276 Resp: 573287

Ion	Ratio	Lower	Upper
276	100		
138	19.5	14.9	22.3
277	24.7	19.8	29.8



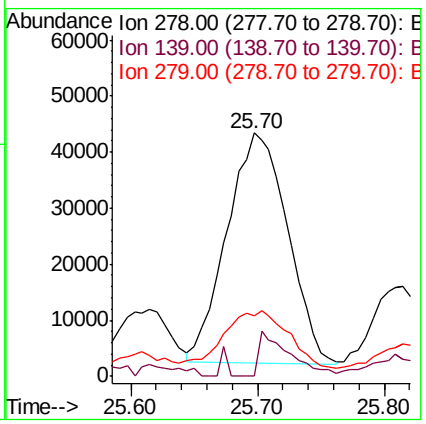


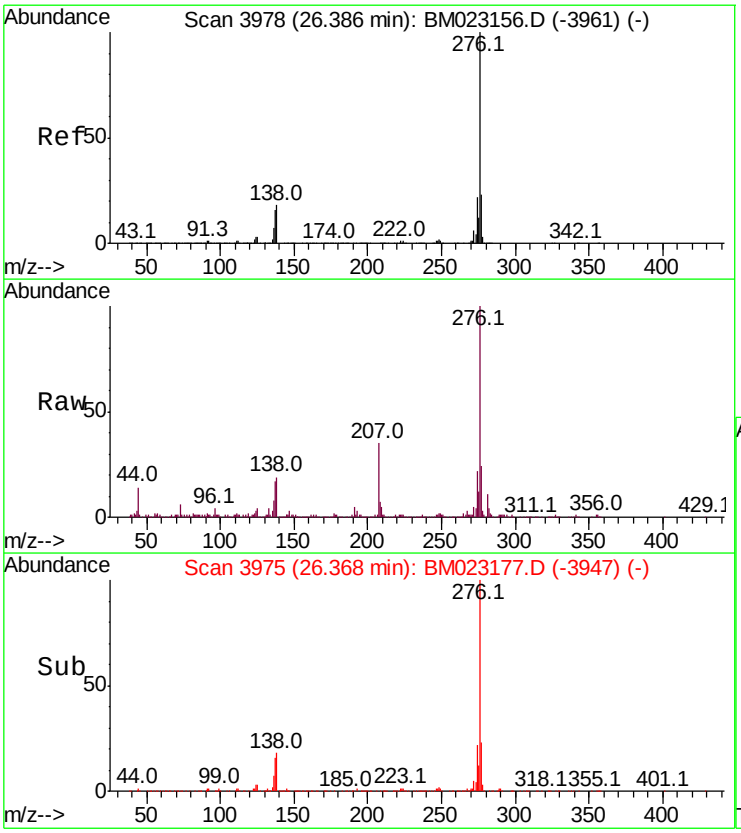
#93
Dibenzo(a,h)anthracene
Concen: 1.026 ng/ul
RT: 25.70 min Scan# 3861
Delta R.T. -0.05 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 137000

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.0	15.0#
279	24.7	19.4	29.0





#94
Benzo(g,h,i)perylene
Concen: 4.007 ng/ul
RT: 26.37 min Scan# 3975
Delta R.T. -0.04 min
Lab File: BM023177.D
Acq: 15 Oct 2019 21:34

Tgt Ion:276 Resp: 527040

Ion	Ratio	Lower	Upper
276	100		
138	18.6	14.4	21.6
277	23.8	19.4	29.2