Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023388.D
Acq On : 24 Oct 2019 20:29
Operator : JU
Sample : K5346-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Oct 24 22:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	651878	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	2498751	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	1344085	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	2193964	20.00	ng/ul	0.01
78) Chrysene-d12	21.24	240	1990148	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	2534274	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	11796	0.86	ng/uL	0.00
5) Phenol-d5	6.83	99	231970	4.24	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.98	67	161528	5.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	215107	5.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	161737	3.64	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	109677	5.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	108916	5.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	207217	5.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.56	131	162202	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	638513	6.26	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	711944	6.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	35108	1.99	ng/ul	0.02
58) Fluorene-d10	15.29	176	511294	5.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	11896	0.87	ng/ul	0.02
71) Anthracene-d10	17.14	188	696450	6.72	ng/ul	0.00
79) Pyrene-d10	19.44	212	648170	5.92	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.31	264	821586	6.36	ng/ul	0.02
Target Compounds						Qvalue
28) Naphthalene	10.47	128	291158	2.273	ng/ul	97
45) Dimethylphthalate	13.76	163	211303	2.062	ng/ul#	98
48) Acenaphthylene	14.02	152	372198	3.071	ng/ul	99
70) Phenanthrene	17.09	178	230748	1.882	ng/ul	99
72) Anthracene	17.17	178	663187	5.339	ng/ul	99
77) Fluoranthene	19.11	202	1206874	9.437	ng/ul	98
80) Pyrene	19.47	202	1498353	10.662	ng/ul	99
83) Benzo(a)anthracene	21.22	228	1418696	10.659	ng/ul	94
85) Chrysene	21.27	228	2471015	20.120	ng/ul	98
88) Benzo(b)fluoranthene	22.79	252	5165831	31.738	ng/ul	98
89) Benzo(k)fluoranthene	22.79	252	5165831	33.799	ng/ul	98
91) Benzo(a)pyrene	23.36	252	2962508	20.105	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.67	276	2369711	14.852	ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	627878	4.667	ng/ul#	86
94) Benzo(g,h,i)perylene	26.34	276	1785560	13.755	ng/ul	97

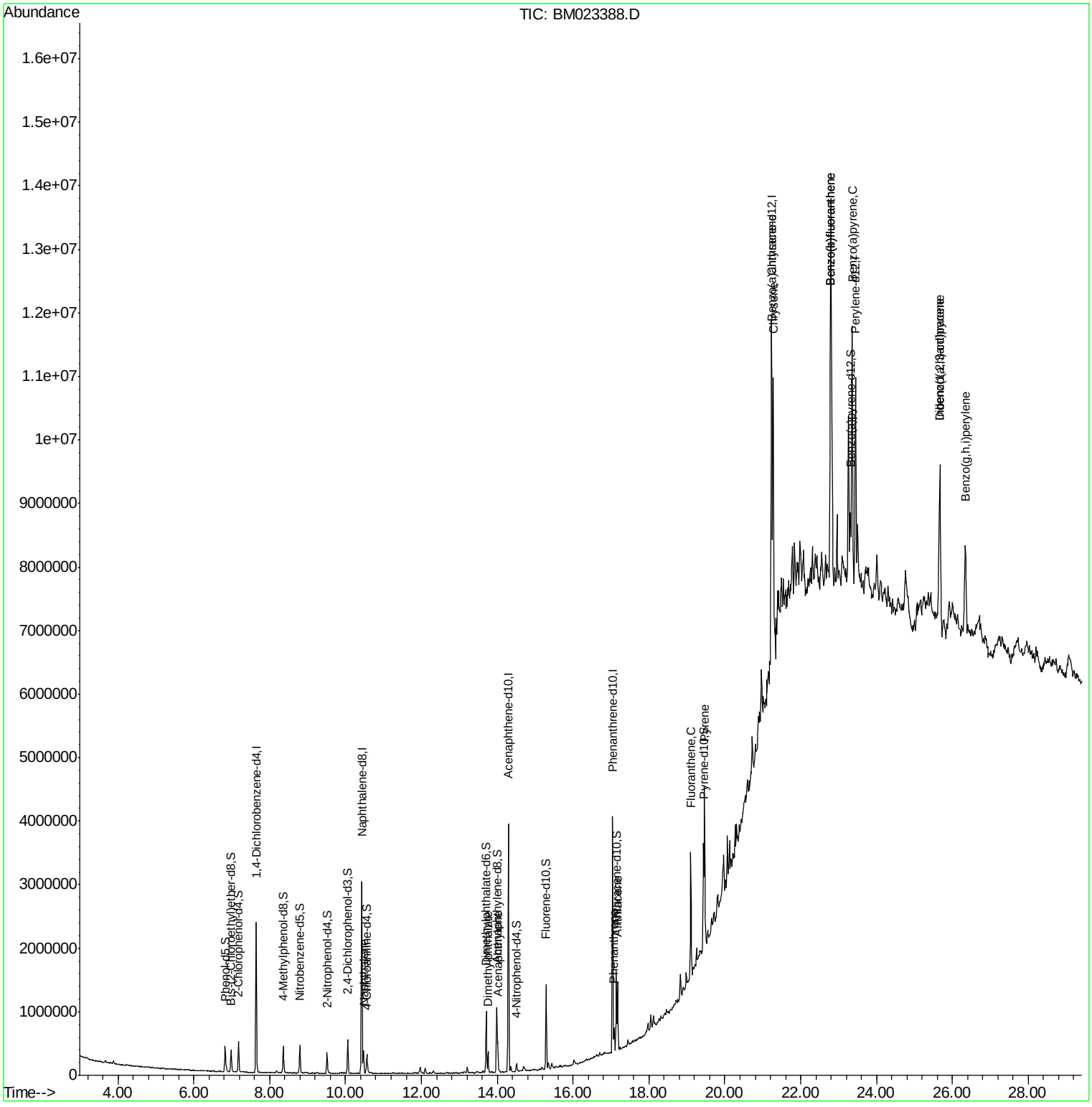
(#) = qualifier out of range (m) = manual integration (+) = signals summed

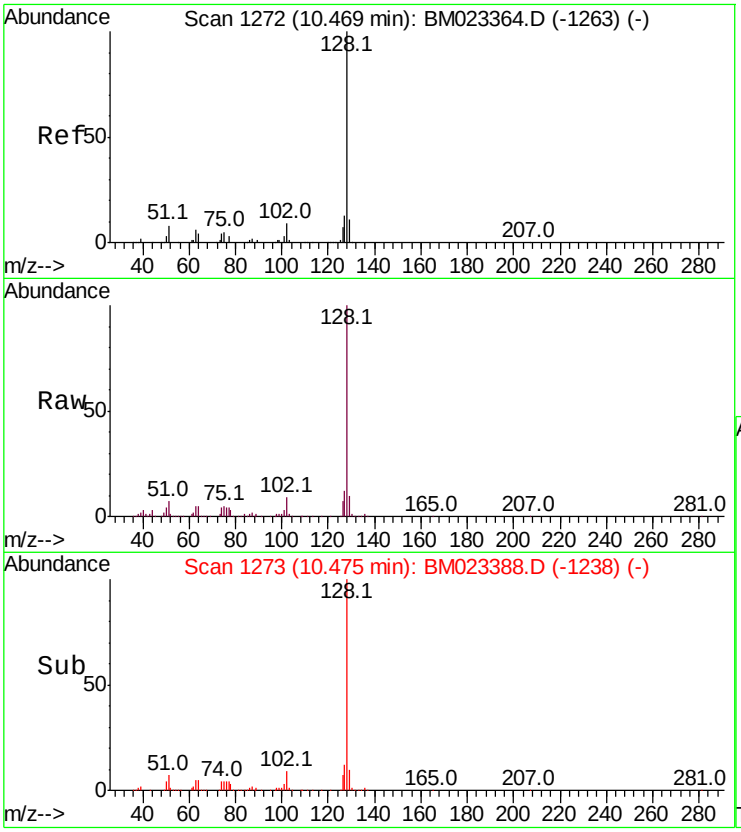
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102419\
Data File : BM023388.D
Acq On : 24 Oct 2019 20:29
Operator : JU
Sample : K5346-07DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 24 22:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 23 18:47:16 2019
Response via : Initial Calibration



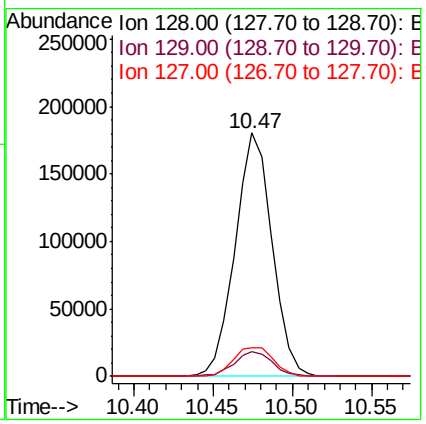


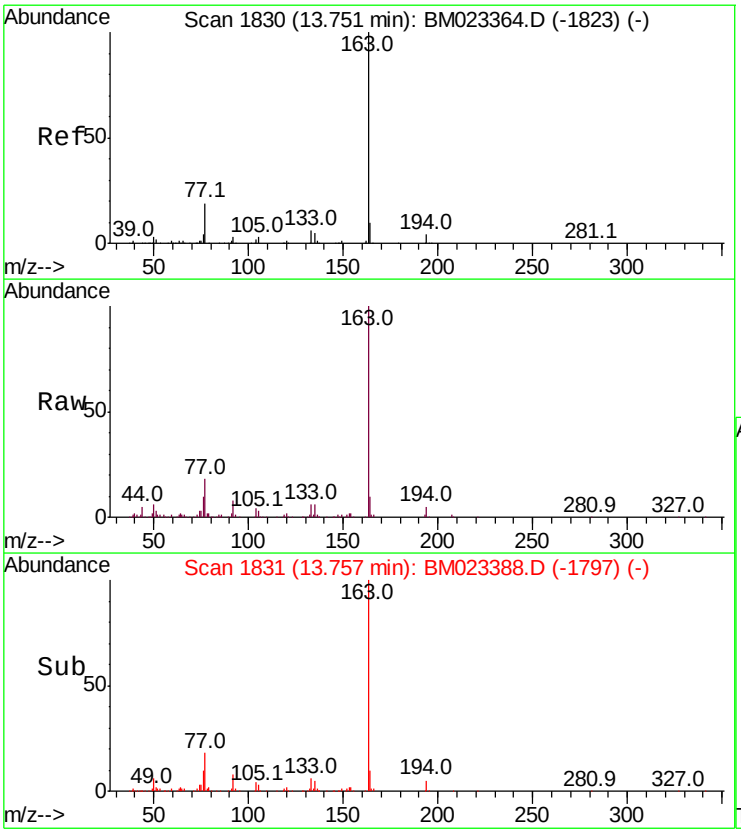
#28
Naphthalene
Concen: 2.273 ng/ul
RT: 10.47 min Scan# 1273
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:128 Resp: 291158

Ion	Ratio	Lower	Upper
128	100		
129	10.0	8.8	13.2
127	11.6	10.4	15.6

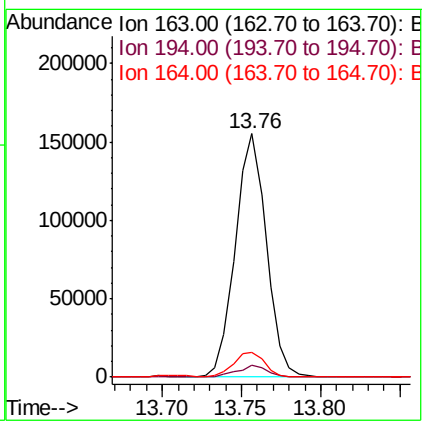


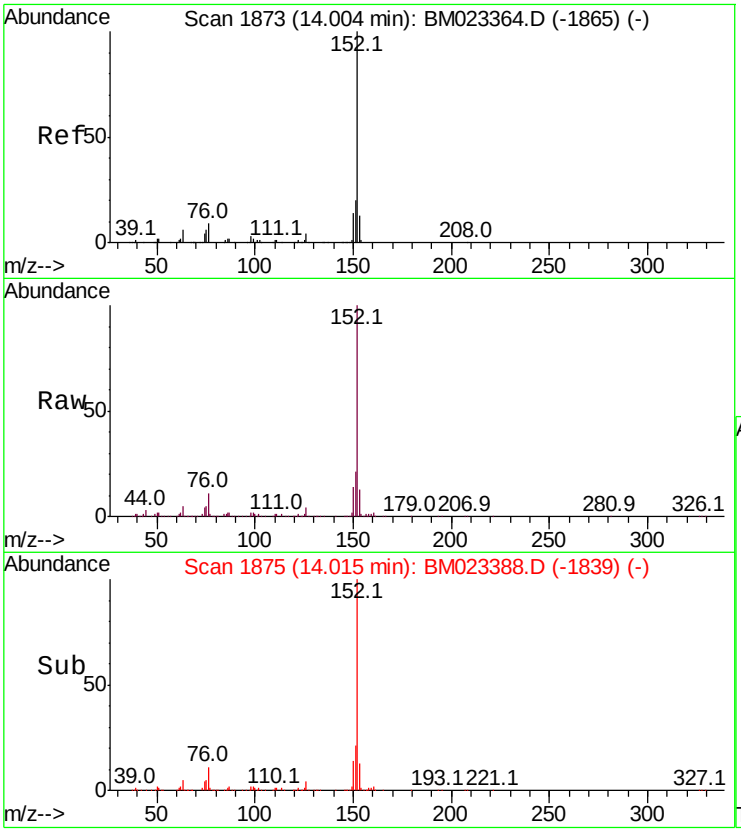


#45
Dimethylphthalate
Concen: 2.062 ng/ul
RT: 13.76 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:163 Resp: 211303

Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.3	4.9#
164	10.3	7.9	11.9



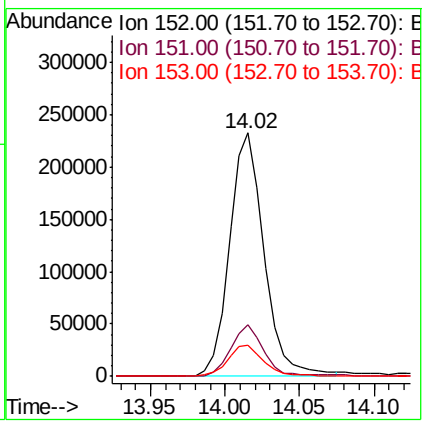


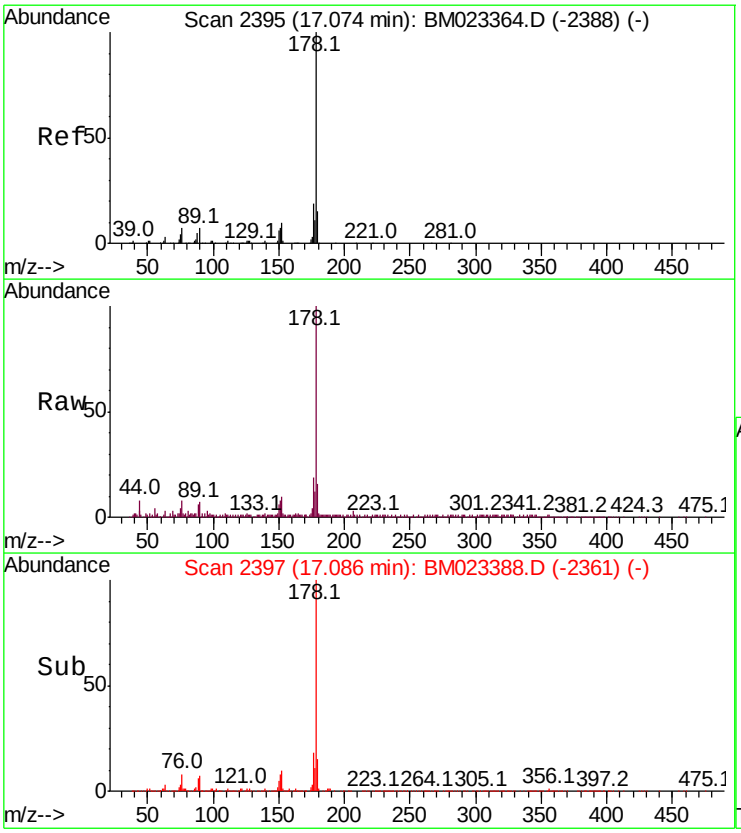
#48
Acenaphthylene
Concen: 3.071 ng/ul
RT: 14.02 min Scan# 1875
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 372198

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	12.7	10.4	15.6

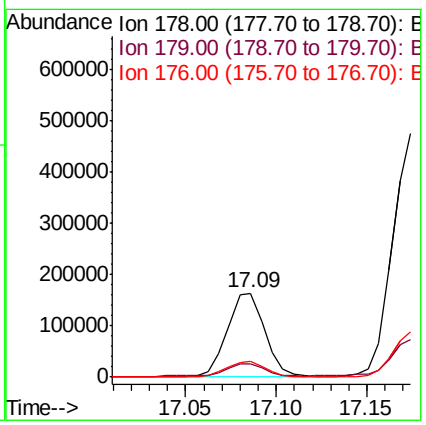


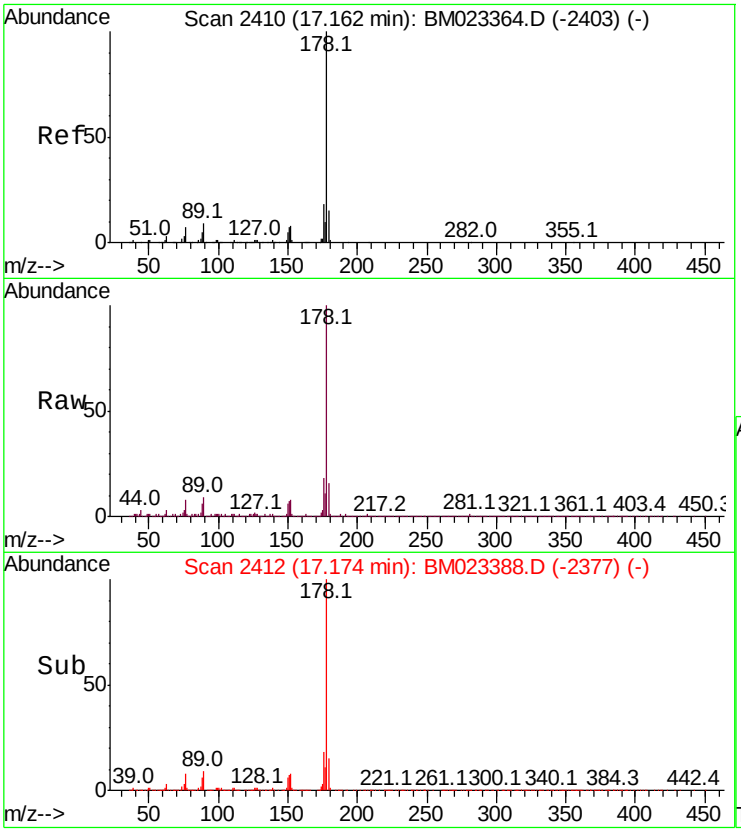


#70
Phenanthrene
Concen: 1.882 ng/ul
RT: 17.09 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:178 Resp: 230748

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	18.8	14.9	22.3



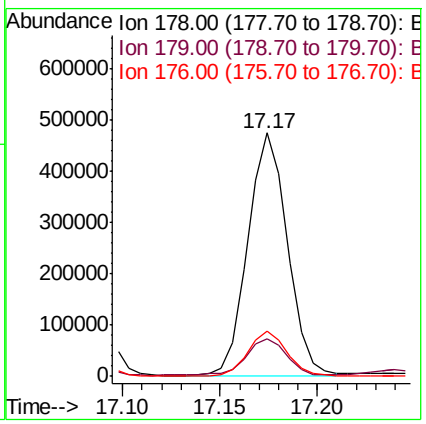


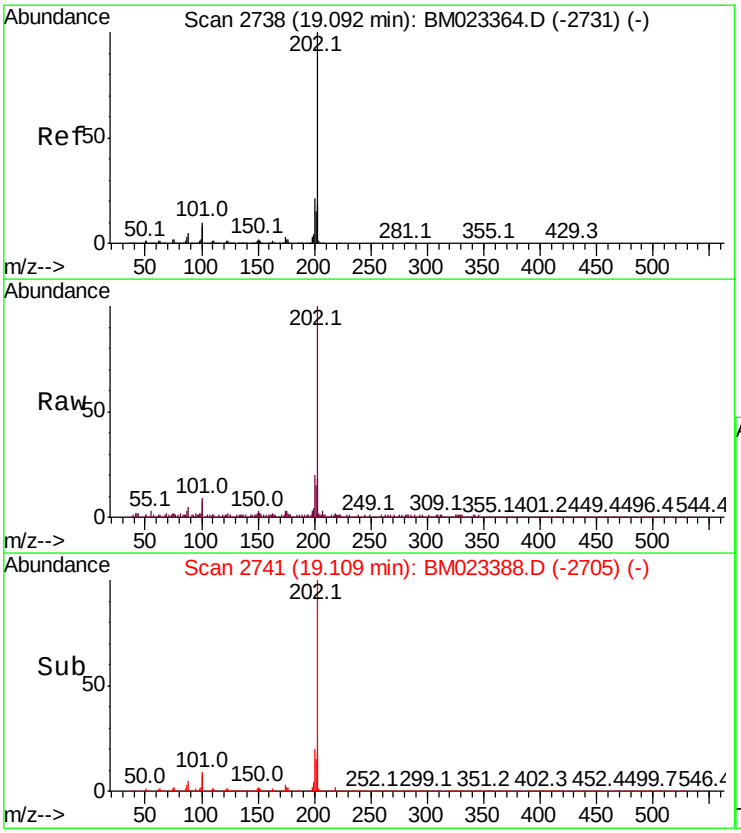
#72
Anthracene
Concen: 5.339 ng/ul
RT: 17.17 min Scan# 2412
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 663187

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.4	14.4	21.6

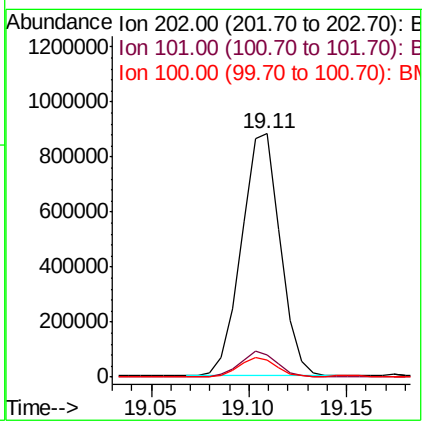


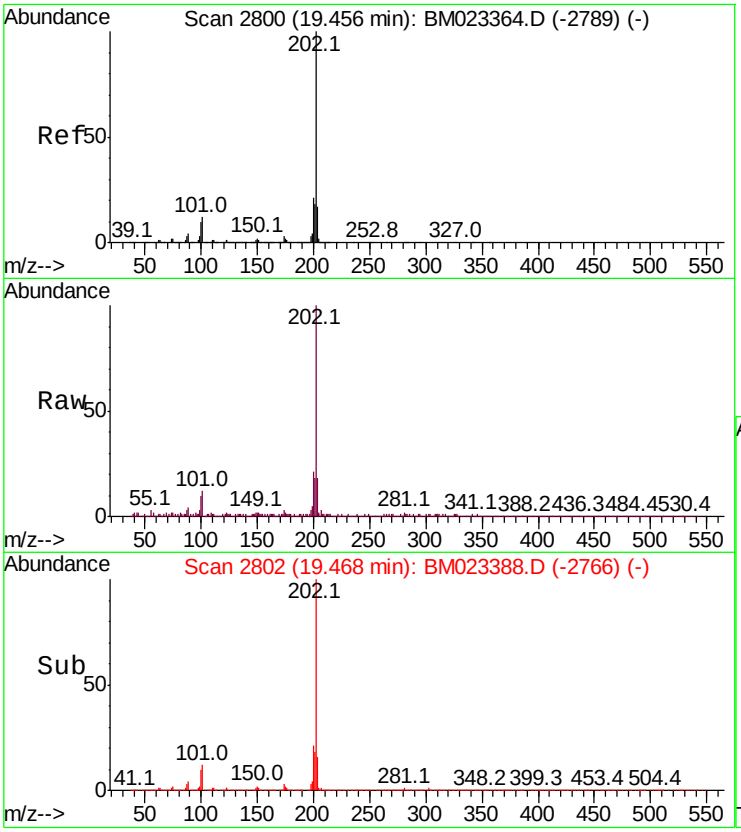


#77
Fluoranthene
Concen: 9.437 ng/ul
RT: 19.11 min Scan# 2741
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:202 Resp: 1206874

Ion	Ratio	Lower	Upper
202	100		
101	9.3	8.1	12.1
100	7.1	6.2	9.2



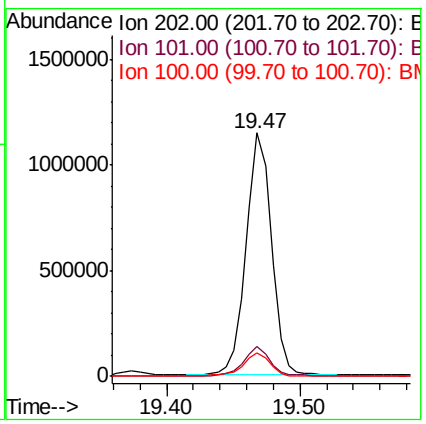


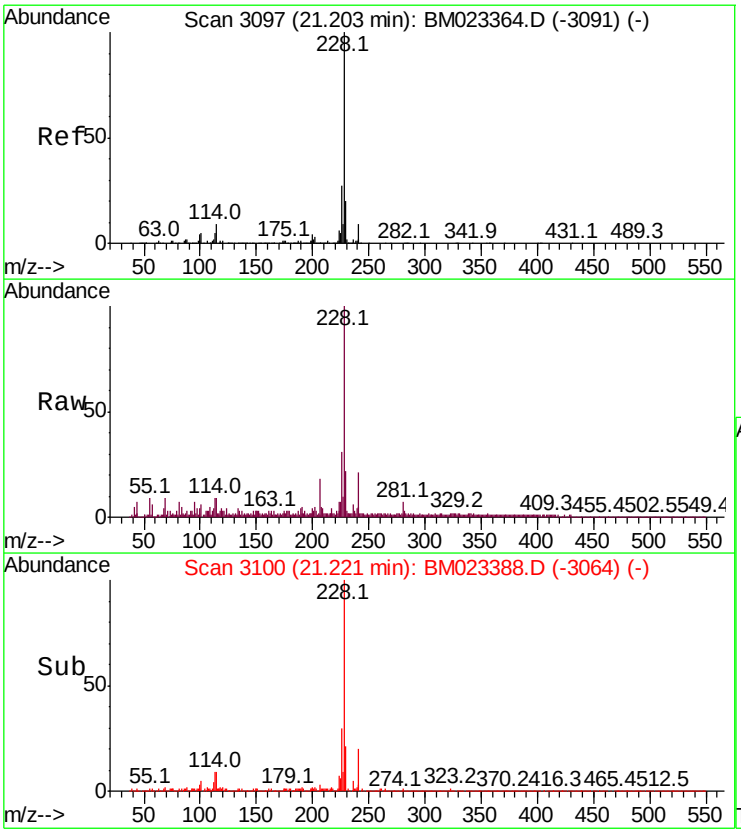
#80
Pyrene
Concen: 10.662 ng/ul
RT: 19.47 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1498353

Ion	Ratio	Lower	Upper
202	100		
101	12.2	10.0	15.0
100	9.9	8.3	12.5

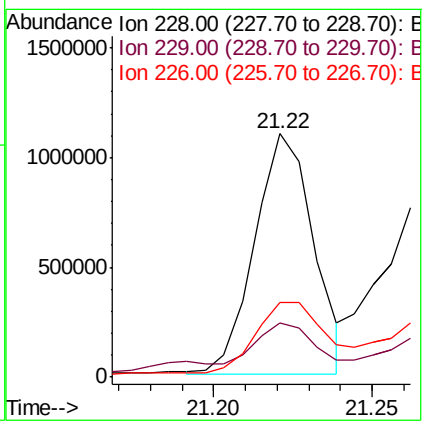


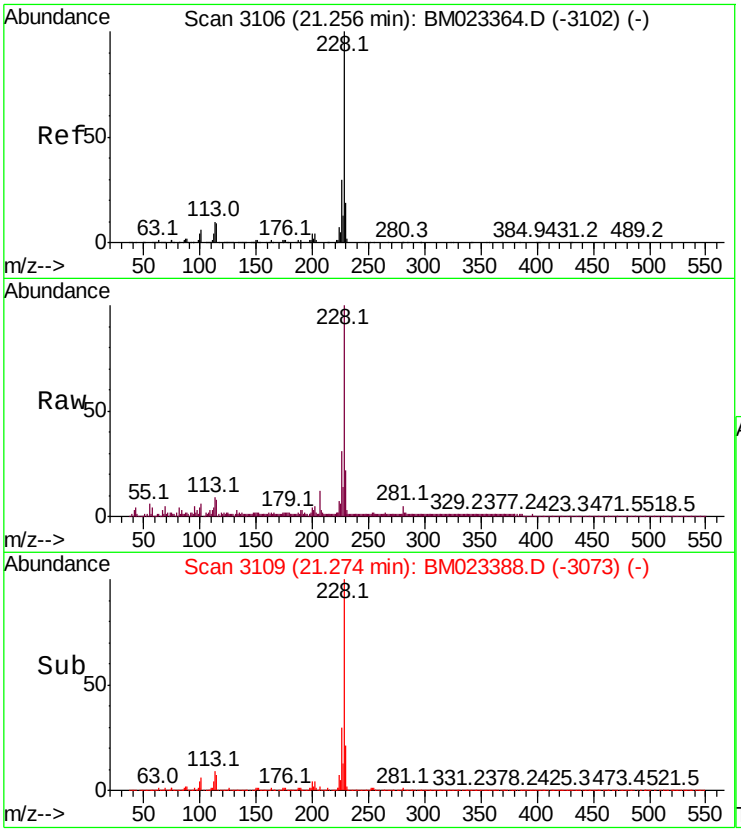


#83
Benzo(a)anthracene
Concen: 10.659 ng/ul
RT: 21.22 min Scan# 3100
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:228 Resp: 1418696

Ion	Ratio	Lower	Upper
228	100		
229	22.3	15.8	23.8
226	30.7	21.6	32.4



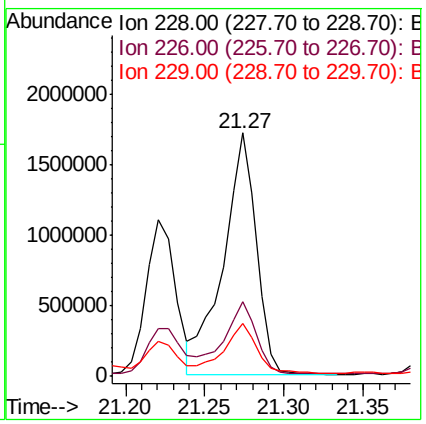


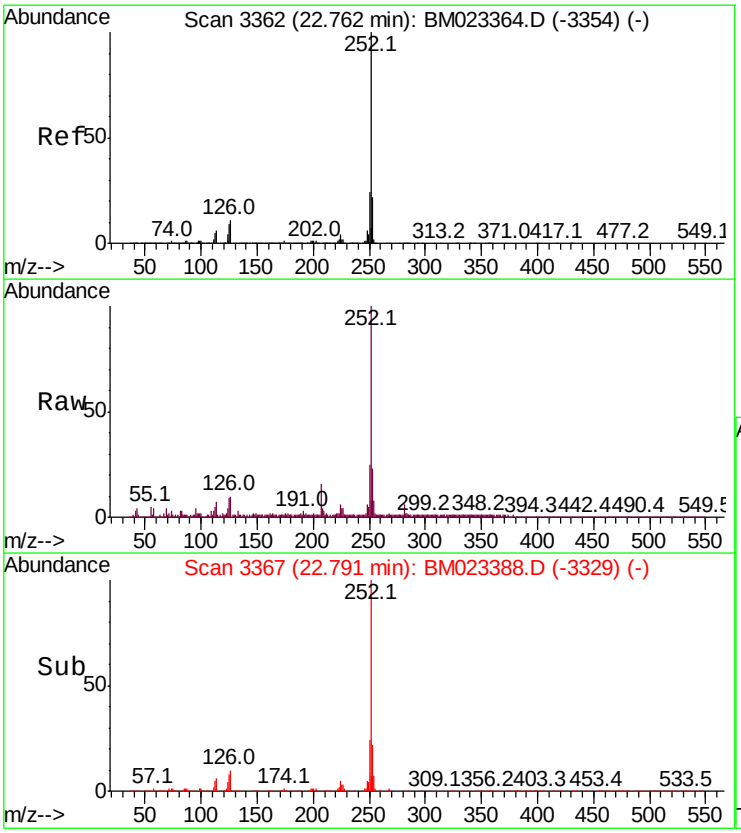
#85
Chrysene
Concen: 20.120 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. 0.01 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 2471015

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.0	36.0
229	21.8	16.0	24.0

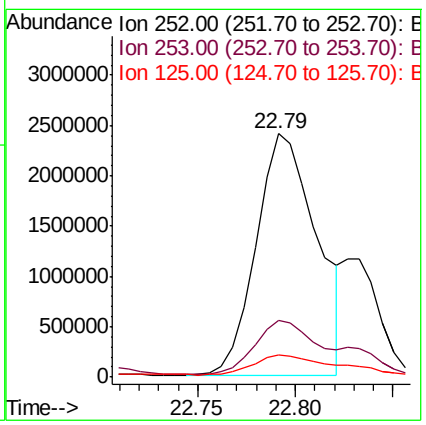


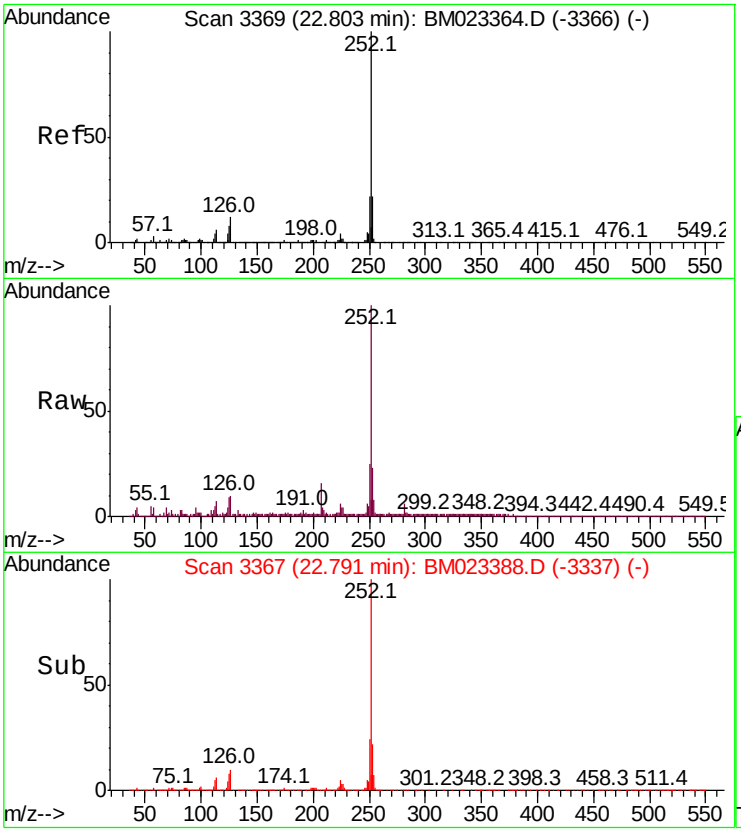


#88
Benzo(b)fluoranthene
Concen: 31.738 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. 0.02 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:252 Resp: 5165831

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	8.9	7.1	10.7



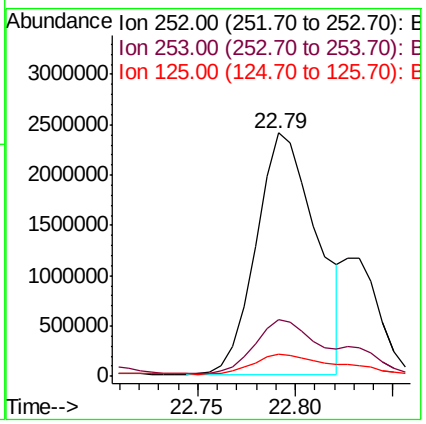


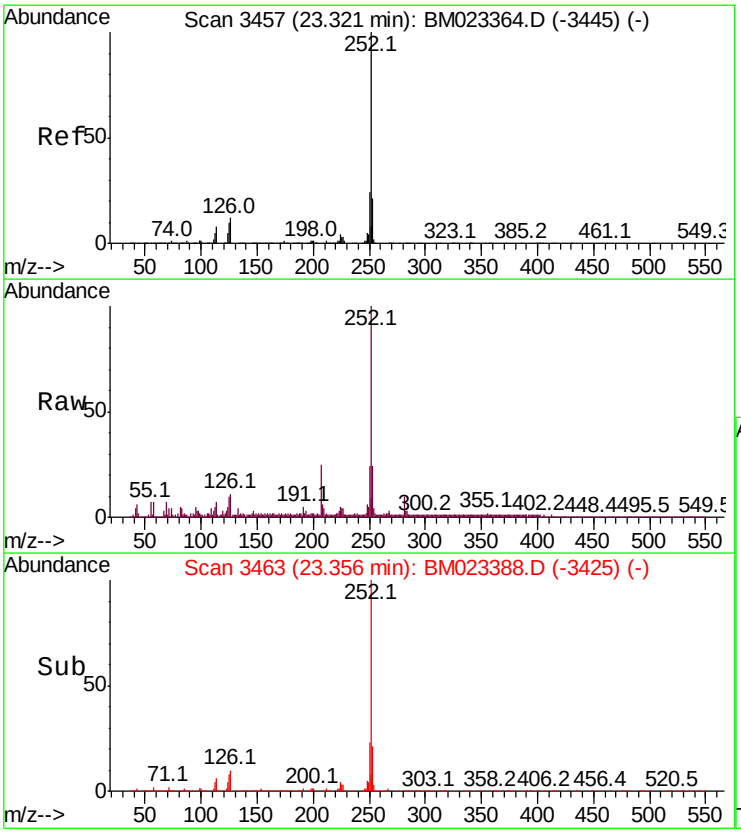
#89
Benzo(k)fluoranthene
Concen: 33.799 ng/ul
RT: 22.79 min Scan# 3367
Delta R.T. -0.02 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 5165831

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	8.9	6.8	10.2

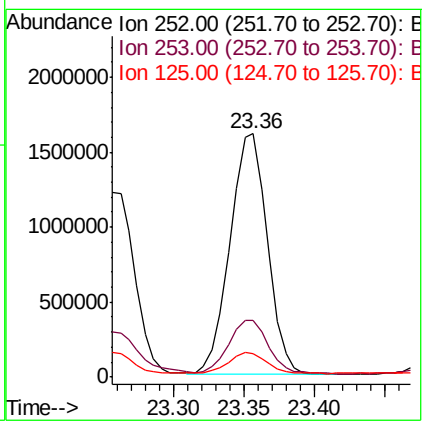


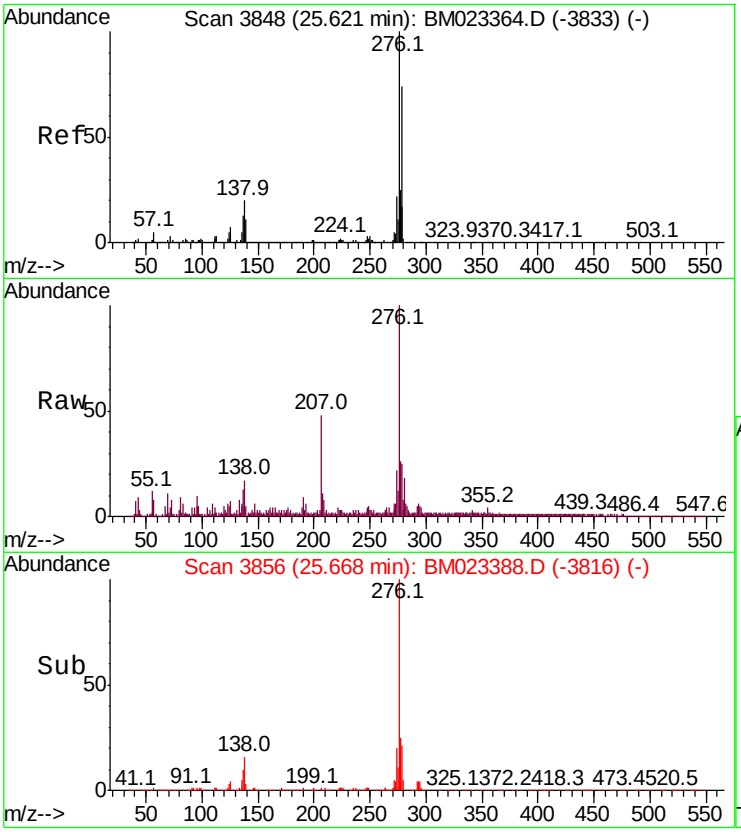


#91
Benzo(a)pyrene
Concen: 20.105 ng/ul
RT: 23.36 min Scan# 3463
Delta R.T. 0.02 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:252 Resp: 2962508

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	9.7	7.5	11.3



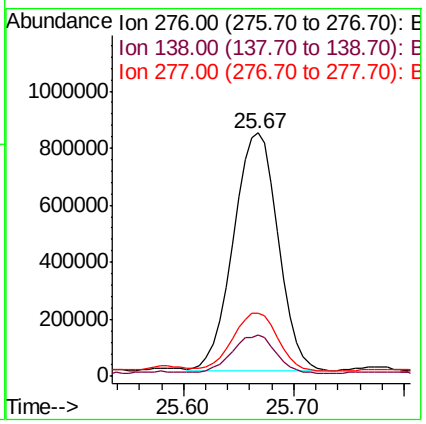


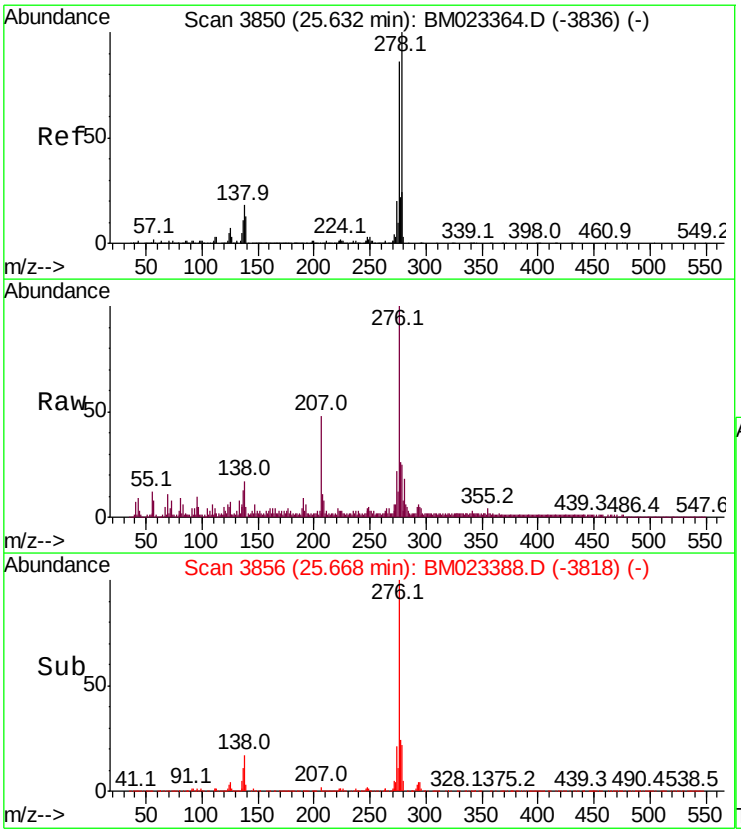
#92
Indeno(1,2,3-cd)pyrene
Concen: 14.852 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.03 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 2369711

Ion	Ratio	Lower	Upper
276	100		
138	16.9	15.7	23.5
277	26.1	20.2	30.2

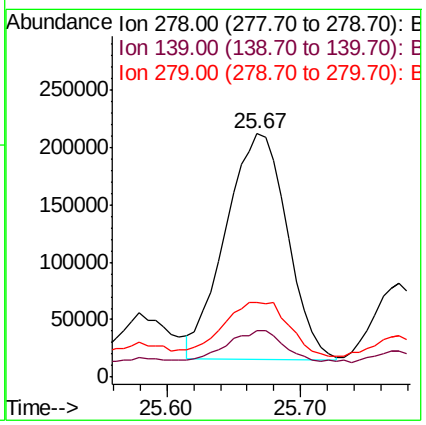


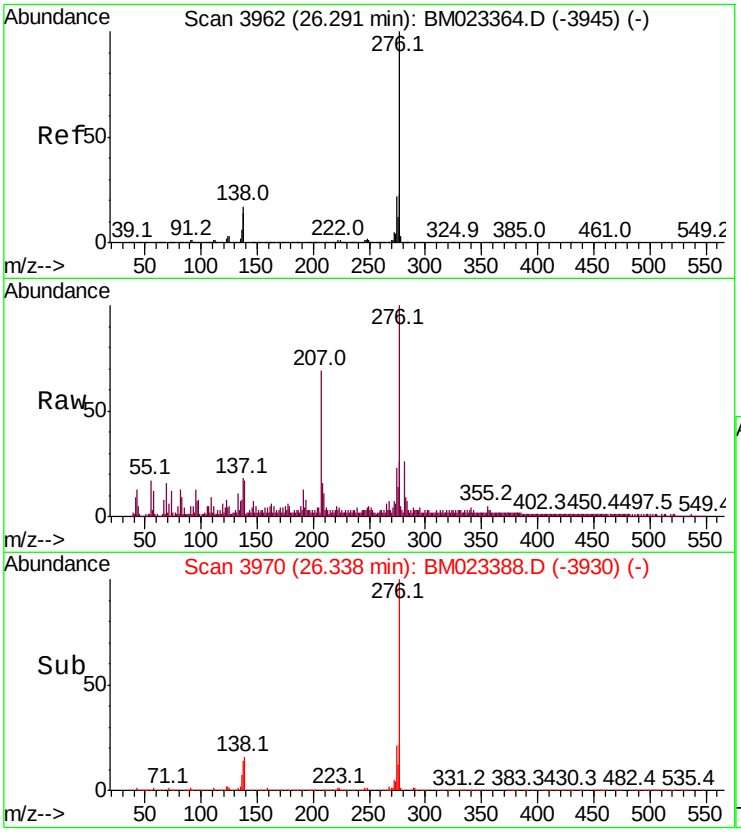


#93
Dibenzo(a,h)anthracene
Concen: 4.667 ng/ul
RT: 25.67 min Scan# 3856
Delta R.T. 0.02 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Tgt Ion:278 Resp: 627878

Ion	Ratio	Lower	Upper
278	100		
139	18.9	10.9	16.3#
279	30.6	18.7	28.1#





#94
Benzo(g,h,i)perylene
Concen: 13.755 ng/ul
RT: 26.34 min Scan# 3970
Delta R.T. 0.03 min
Lab File: BM023388.D
Acq: 24 Oct 2019 20:29

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1785560

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.4	21.6
277	25.5	19.0	28.6