Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022939.D
Acq On : 04 Oct 2019 03:02
Operator : JU
Sample : K4988-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ESNZ0

Quant Time: Oct 04 04:35:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	228175	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	983460	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	575610	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	1022162	20.00	ng/ul	0.00
78) Chrysene-d12	21.34	240	807611	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	940899	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	12599	2.39	ng/uL	0.00
5) Phenol-d5	6.96	99	221774	11.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	144167	13.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	199794	12.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	100918	6.11	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	100781	13.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	109400	13.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	193993	11.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	211012	10.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	622683	13.94	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	726877	14.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	51108	5.79	ng/ul	0.00
58) Fluorene-d10	15.42	176	525527	13.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.54	200	37546	5.64	ng/ul	0.00
71) Anthracene-d10	17.27	188	691595	13.86	ng/ul	0.00
79) Pyrene-d10	19.56	212	722341	16.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.46	264	736210	15.13	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	39189	1.854	ng/ul	98
45) Dimethylphthalate	13.89	163	231200	5.038	ng/ul	100
70) Phenanthrene	17.21	178	380123	6.231	ng/ul	99
72) Anthracene	17.30	178	108665	1.748	ng/ul	99
77) Fluoranthene	19.23	202	861481	12.556	ng/ul	100
80) Pyrene	19.59	202	688364	12.024	ng/ul	100
83) Benzo(a)anthracene	21.33	228	404766	6.981	ng/ul	99
85) Chrysene	21.38	228	359571	6.726	ng/ul	98
88) Benzo(b)fluoranthene	22.93	252	449175	7.194	ng/ul	98
89) Benzo(k)fluoranthene	22.93	252	449175	7.519	ng/ul	97
91) Benzo(a)pyrene	23.51	252	319540	5.455	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.90	276	209231	3.363	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	60874	1.169	ng/ul#	78
94) Benzo(g,h,i)perylene	26.60	276	187401	3.733	ng/ul	100

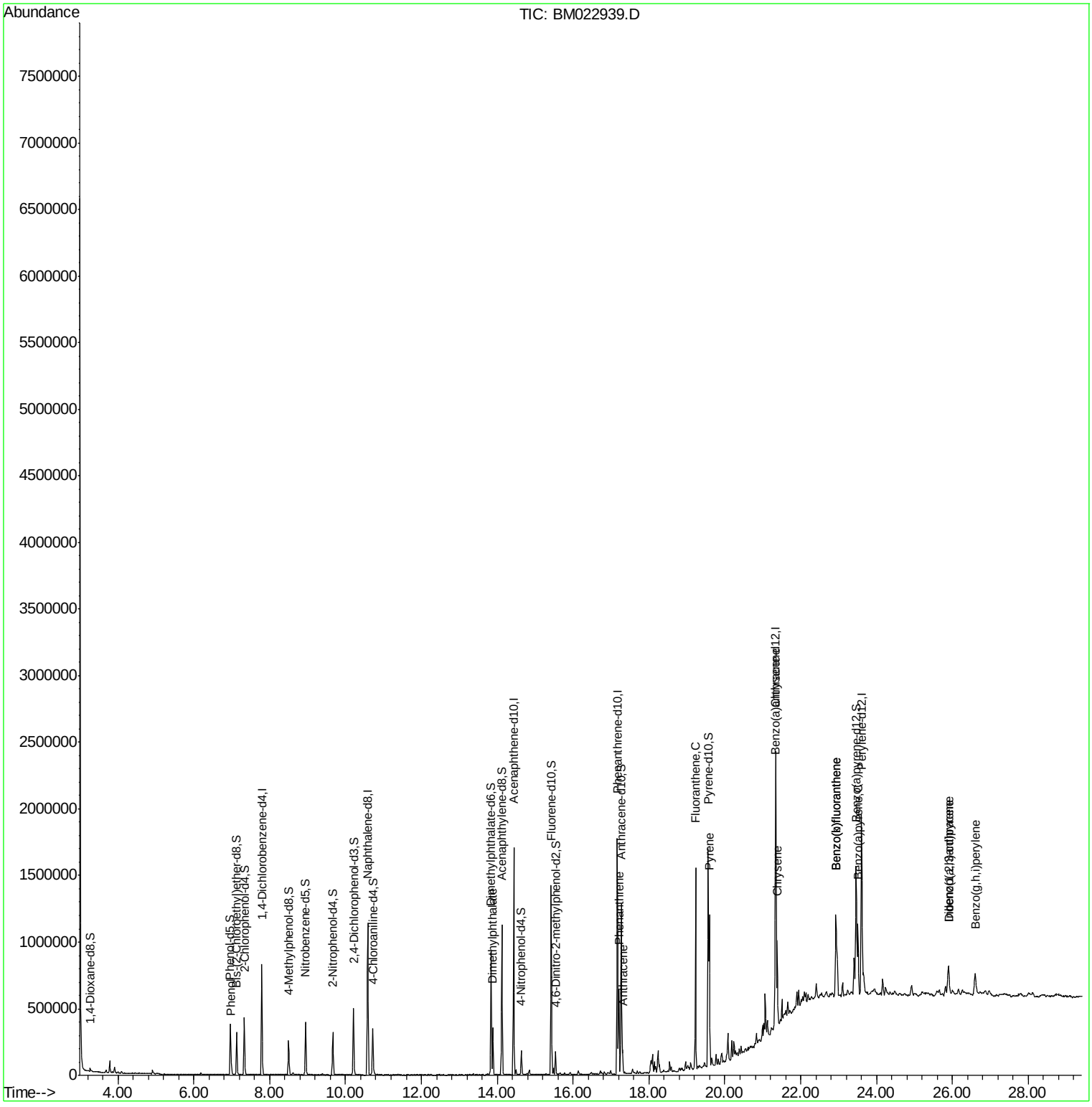
(#) = qualifier out of range (m) = manual integration (+) = signals summed

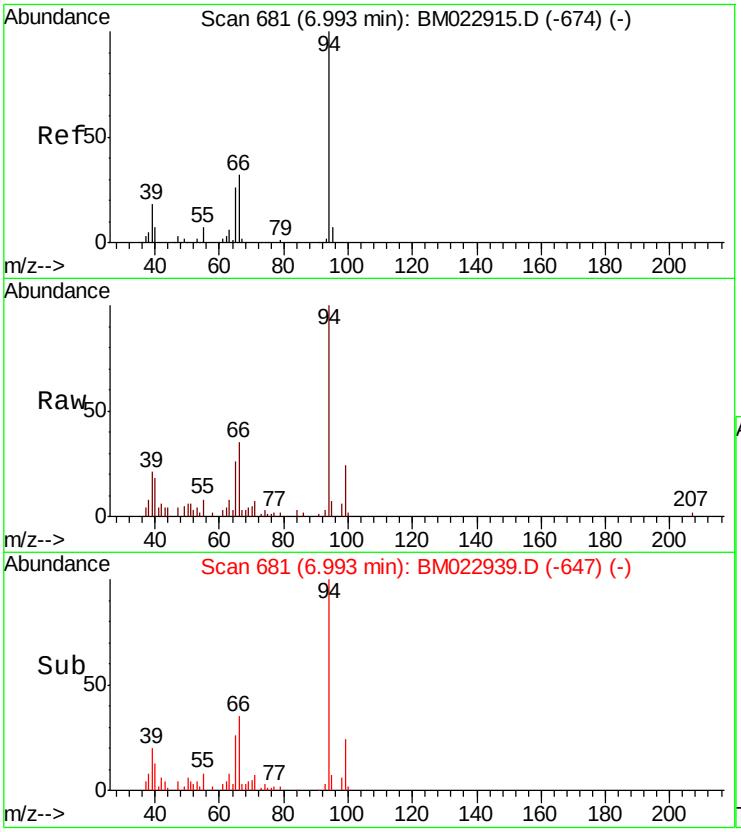
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022939.D
Acq On : 04 Oct 2019 03:02
Operator : JU
Sample : K4988-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Quant Time: Oct 04 04:35:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:36:53 2019
Response via : Initial Calibration



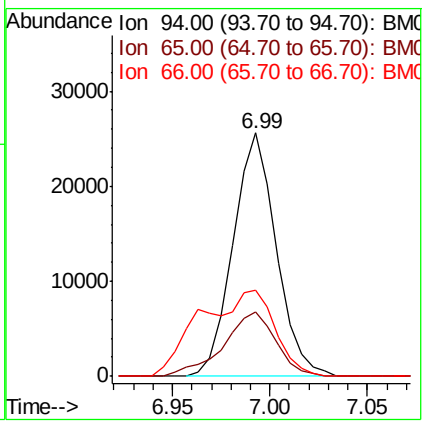


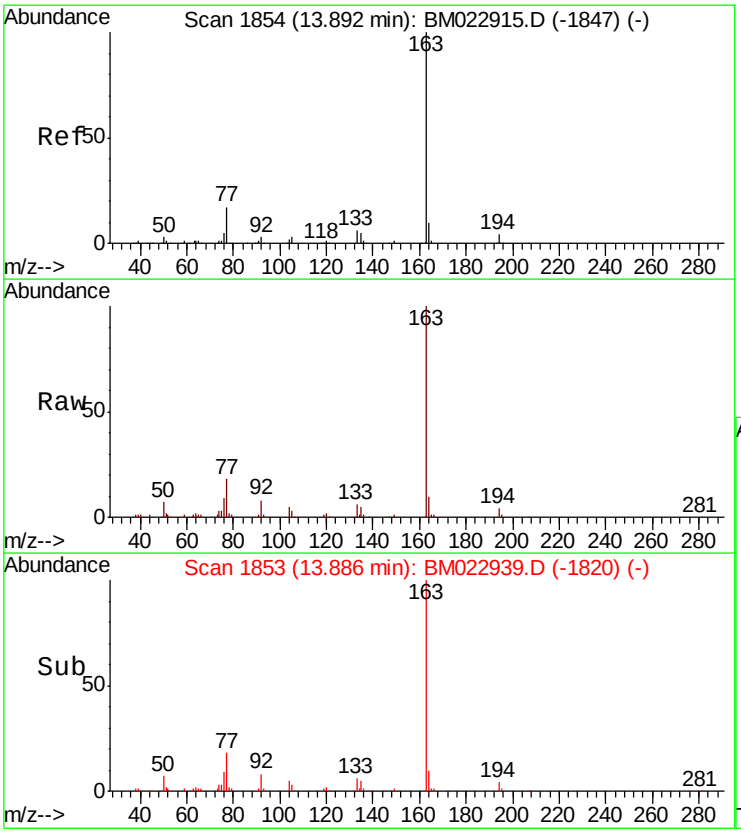
#6
Phenol
Concen: 1.854 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion: 94 Resp: 39189

Ion	Ratio	Lower	Upper
94	100		
65	26.4	20.9	31.3
66	35.5	27.2	40.8

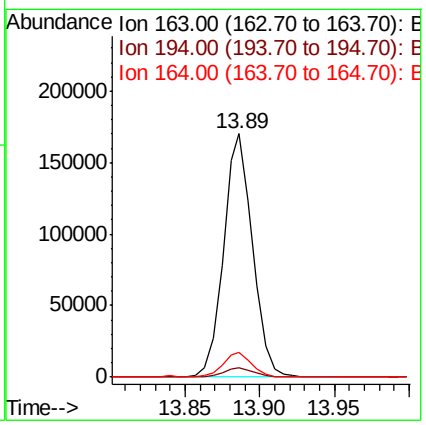


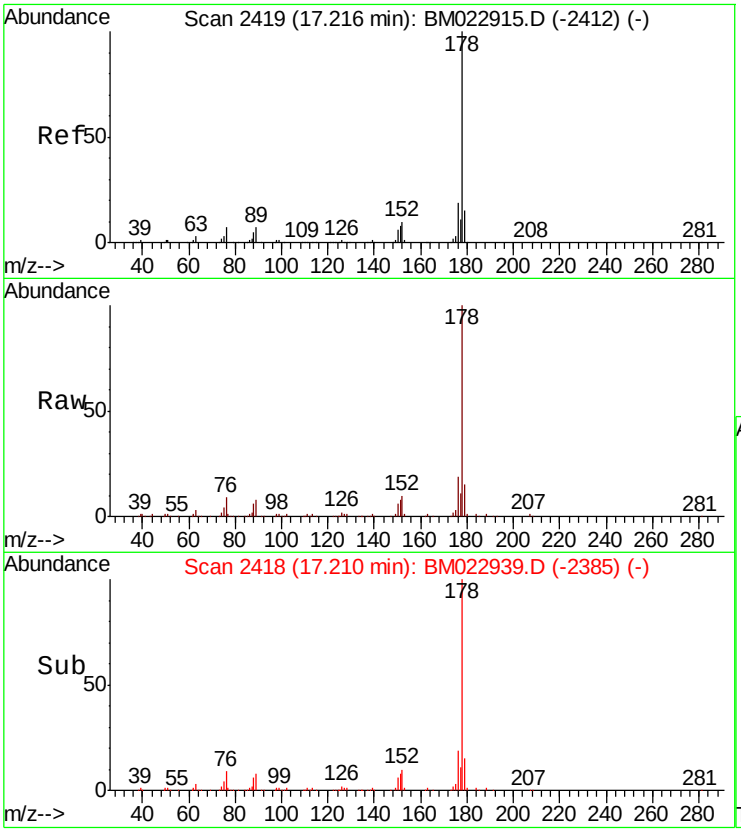


#45
Dimethylphthalate
Concen: 5.038 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:163 Resp: 231200

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	10.0	8.1	12.1



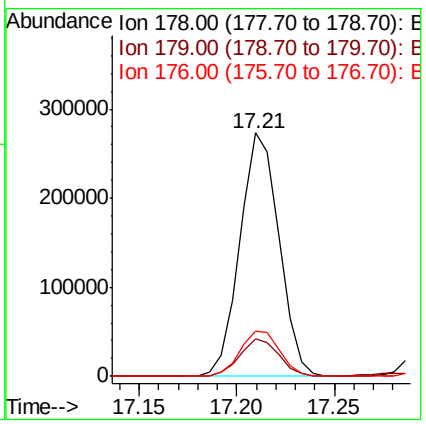


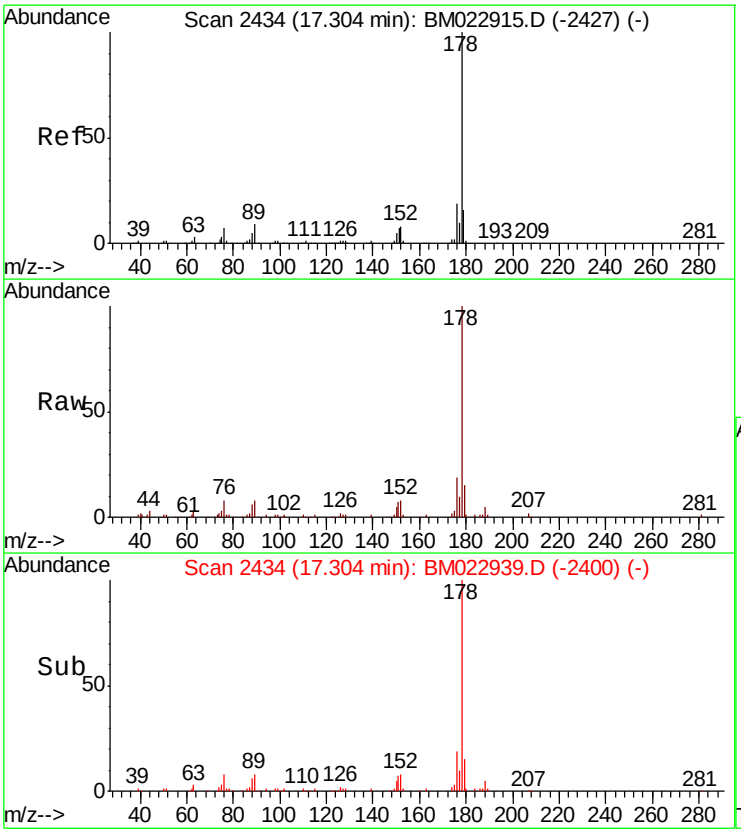
#70
Phenanthrene
Concen: 6.231 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:178 Resp: 380123

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.4	18.6
176	18.5	15.3	22.9

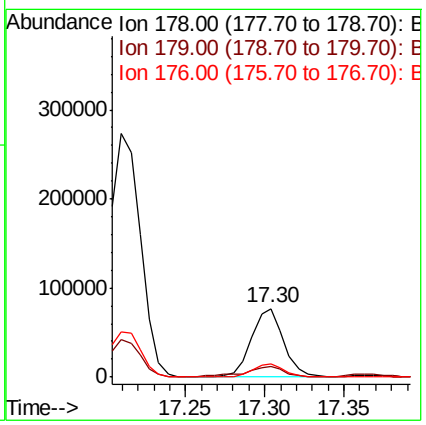


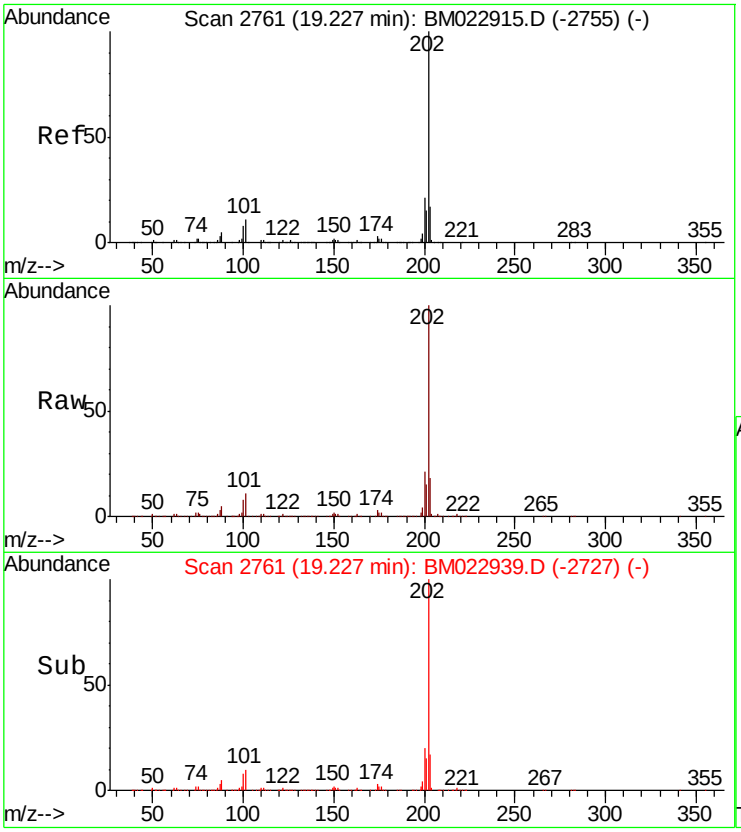


#72
Anthracene
Concen: 1.748 ng/ul
RT: 17.30 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:178 Resp: 108665

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.4	18.6
176	18.5	15.0	22.6



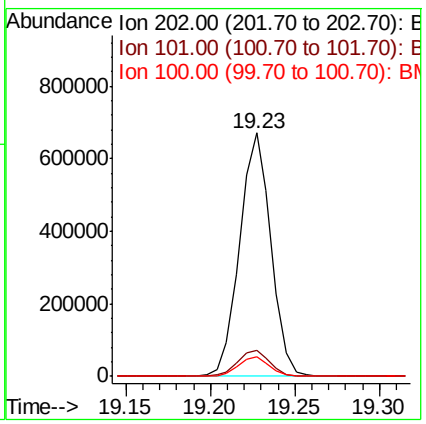


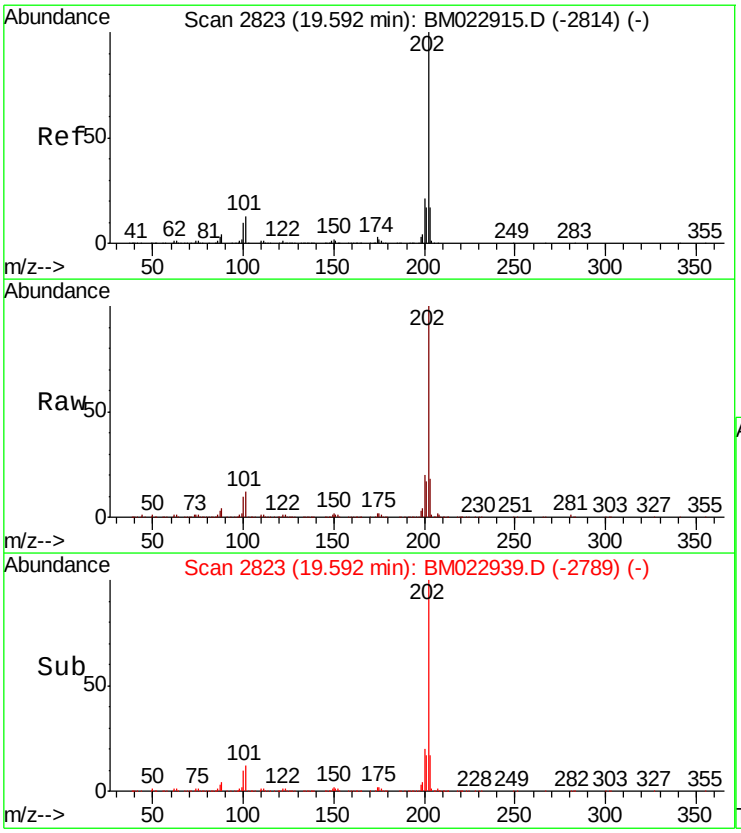
#77
Fluoranthene
Concen: 12.556 ng/ul
RT: 19.23 min Scan# 2761
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:202 Resp: 861481

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.6	12.8
100	8.2	6.4	9.6

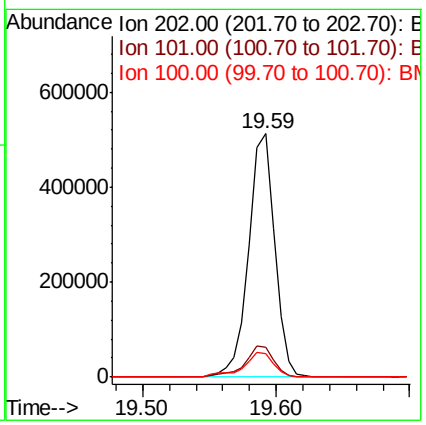


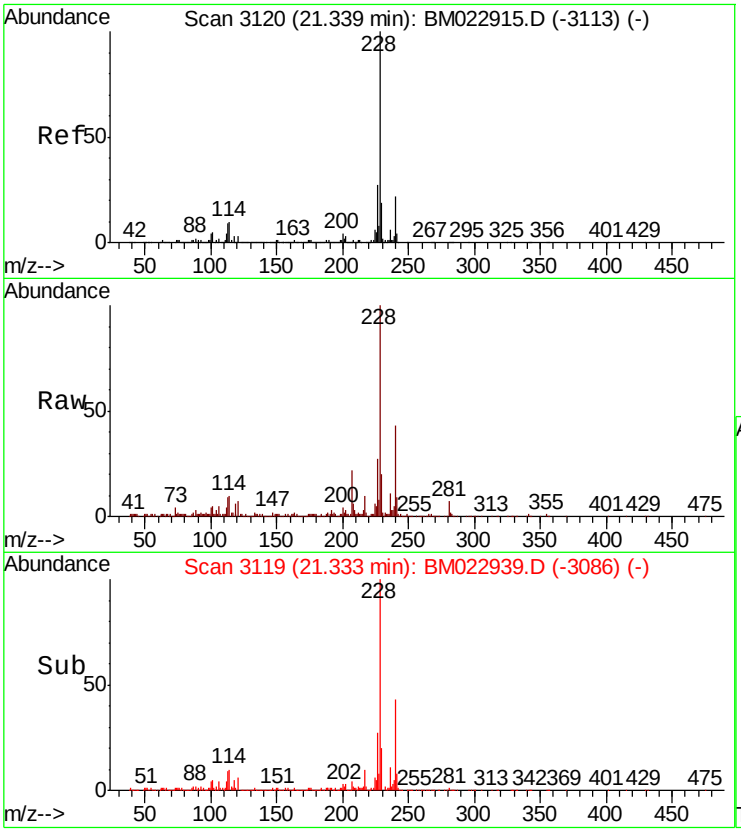


#80
Pyrene
Concen: 12.024 ng/ul
RT: 19.59 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:202 Resp: 688364

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.7	14.5
100	9.5	7.8	11.8



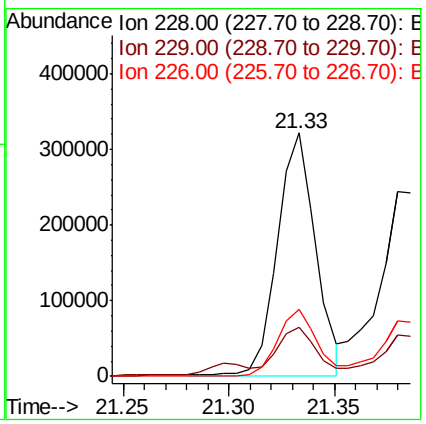


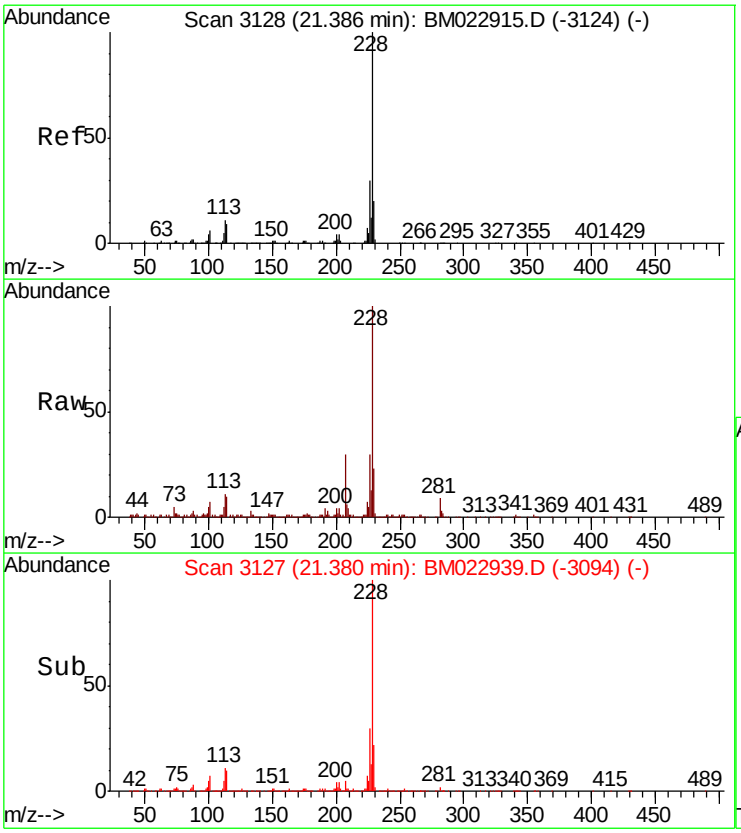
#83
Benzo(a)anthracene
Concen: 6.981 ng/ul
RT: 21.33 min Scan# 3119
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:228 Resp: 404766

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	27.5	22.4	33.6

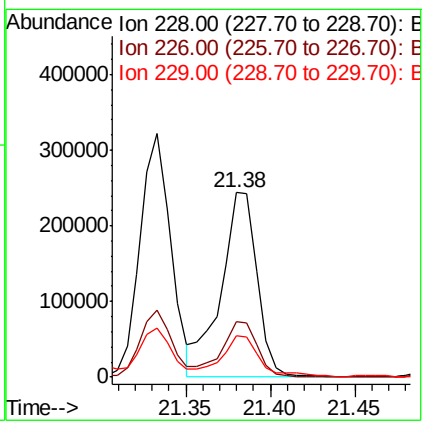


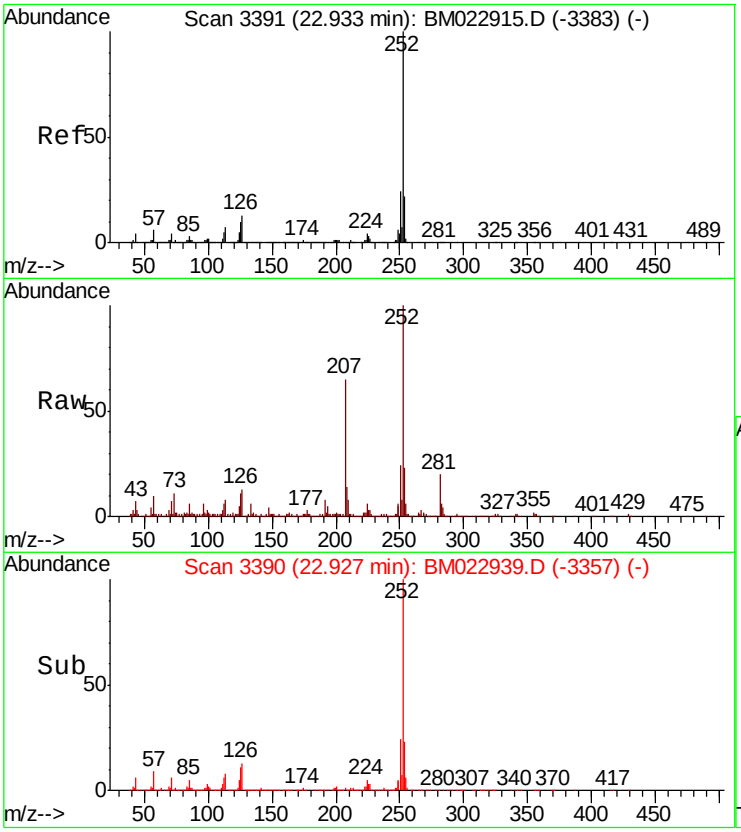


#85
Chrysene
Concen: 6.726 ng/ul
RT: 21.38 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:228 Resp: 359571

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.2	36.4
229	22.6	15.9	23.9



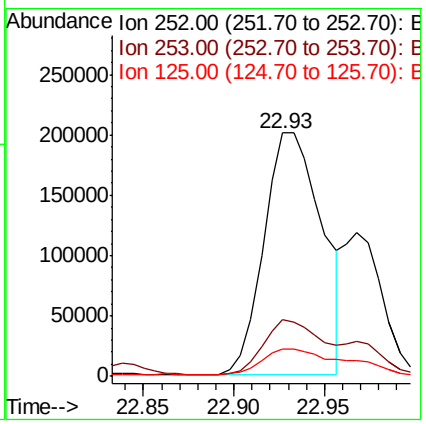


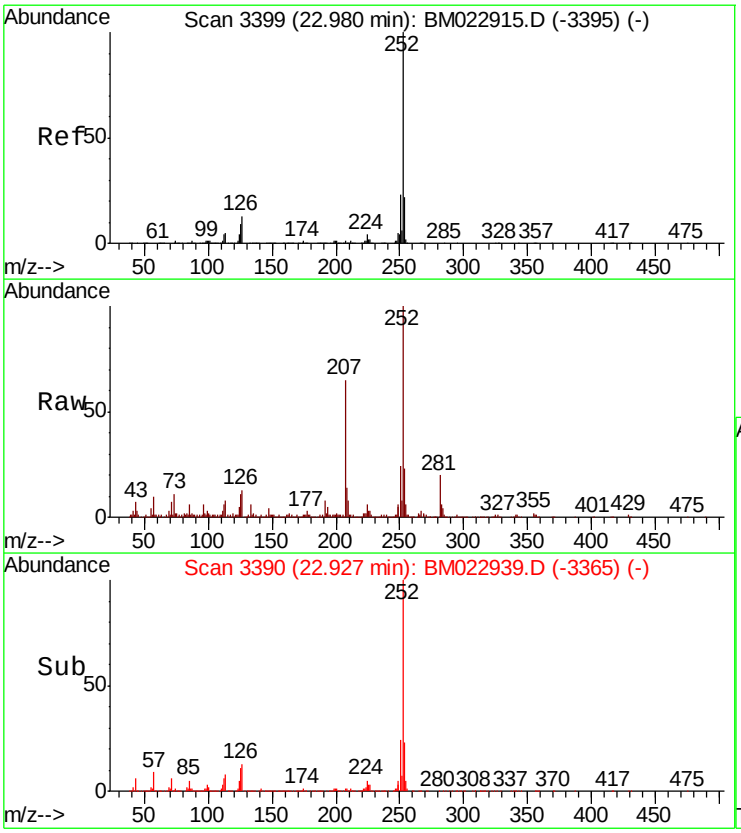
#88
Benzo(b)fluoranthene
Concen: 7.194 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:252 Resp: 449175

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.7	26.5
125	11.3	8.2	12.2

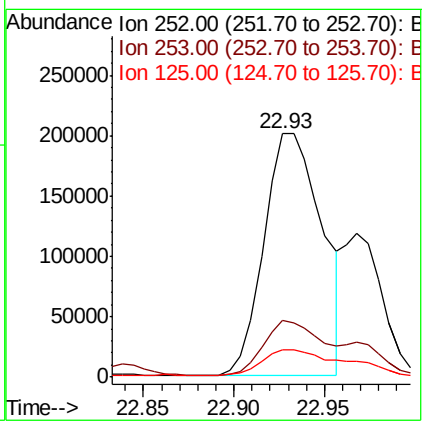


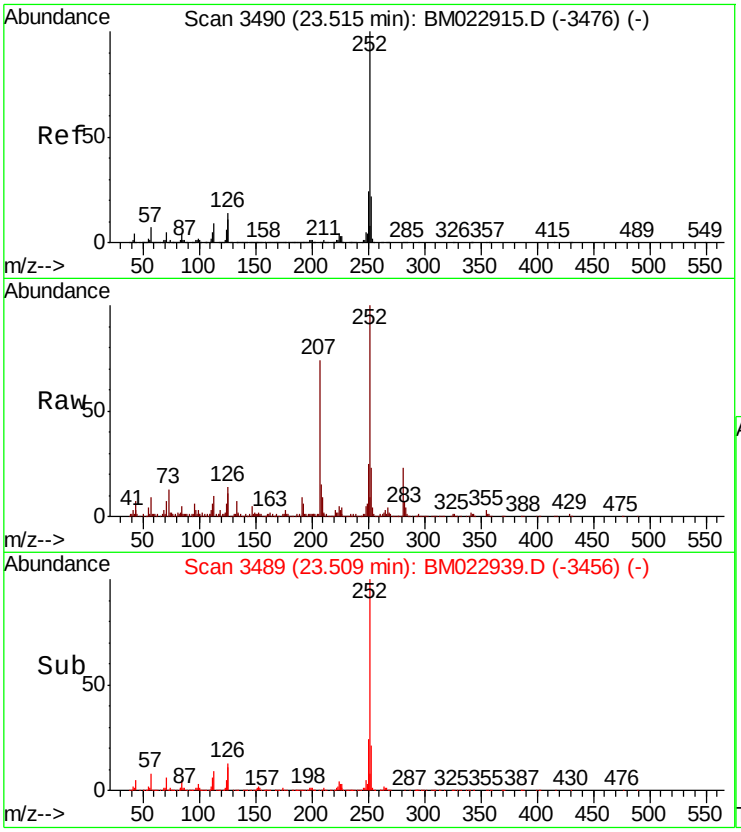


#89
Benzo(k)fluoranthene
Concen: 7.519 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:252 Resp: 449175

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.5	26.3
125	11.3	7.9	11.9



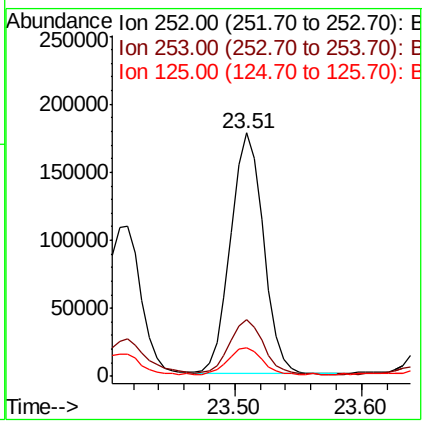


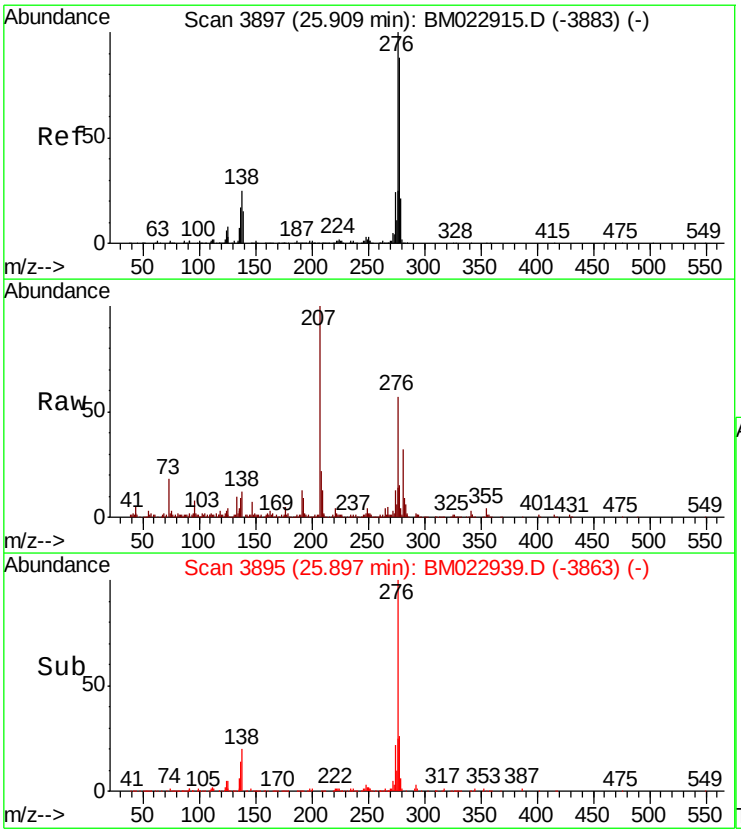
#91
Benzo(a)pyrene
Concen: 5.455 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:252 Resp: 319540

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	11.5	8.7	13.1

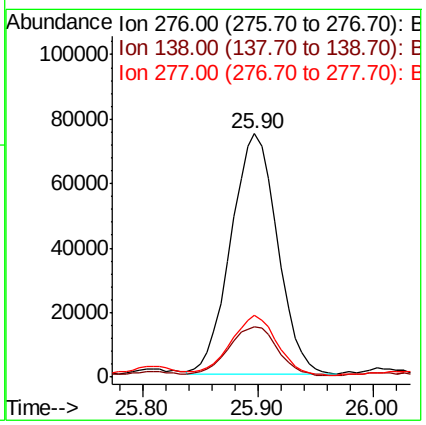


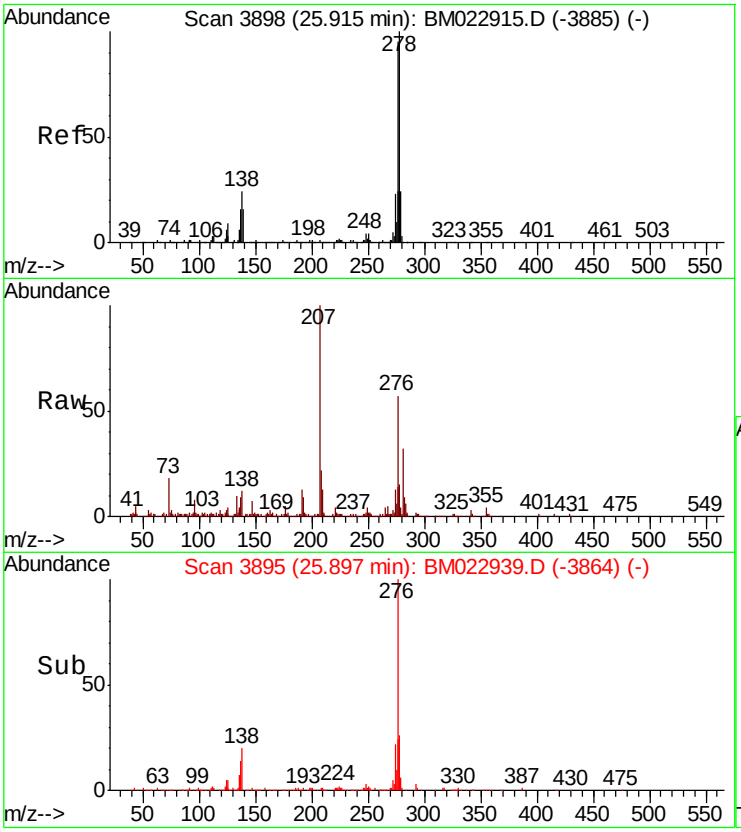


#92
Indeno(1,2,3-cd)pyrene
Concen: 3.363 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:276 Resp: 209231

Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.8	29.8
277	25.2	20.3	30.5



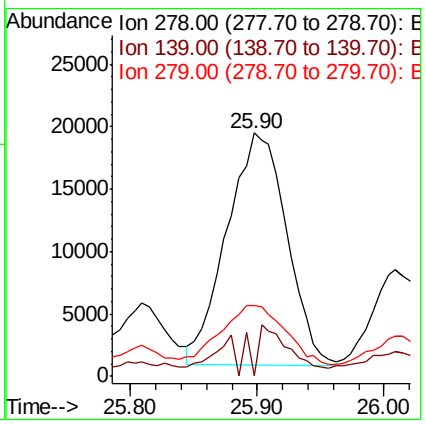


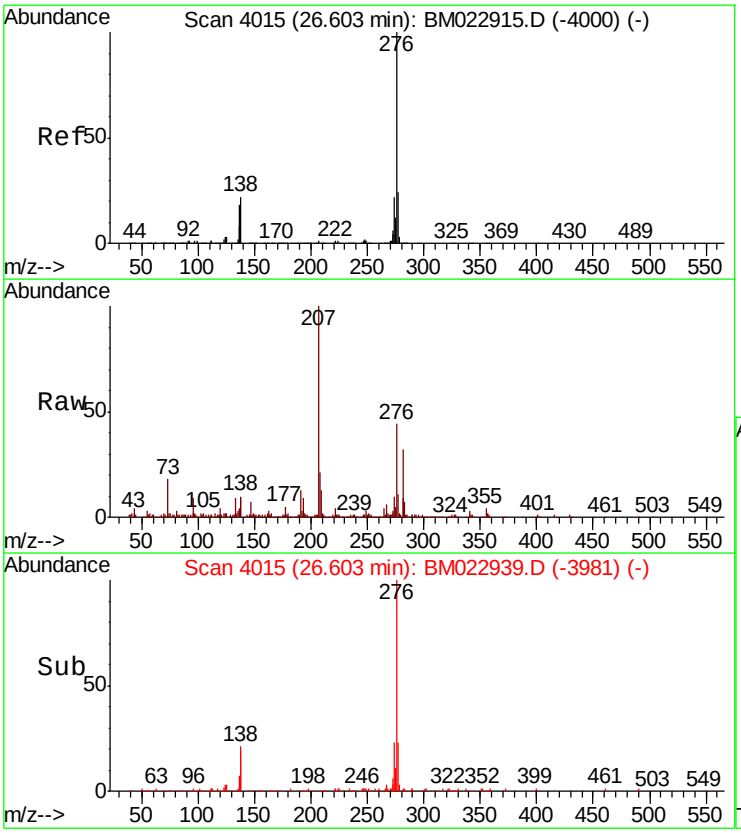
#93
Dibenzo(a,h)anthracene
Concen: 1.169 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.02 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Instrument :
BNA_M
ClientSampleId :
ESNZ0

Tgt Ion:278 Resp: 60874

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.2	19.8#
279	29.2	19.0	28.6#





#94
Benzo(g,h,i)perylene
Concen: 3.733 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BM022939.D
Acq: 04 Oct 2019 03:02

Tgt Ion:276 Resp: 187401

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.6	26.4
277	24.1	19.1	28.7