Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020904.D
Acq On : 12 Jun 2019 15:26
Operator : HP/JU
Sample : K3083-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A51F9

Quant Time: Jun 14 07:51:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	297569	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1188186	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	653771	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1383112	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1255280	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	1468346	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	21626	3.46	ng/uL	0.00
5) Phenol-d5	6.97	99	416825	18.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	261877	19.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	363008	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	335087	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	175666	21.66	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	188564	22.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	361444	20.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	258181	12.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	1108810	22.93	ng/ul	-0.01
46) Acenaphthylene-d8	14.13	160	1266428	20.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	77826	9.38	ng/ul	0.00
57) Fluorene-d10	15.43	176	909743	22.14	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	33755	4.77	ng/ul	0.00
70) Anthracene-d10	17.29	188	1294033	21.42	ng/ul	0.00
78) Pyrene-d10	19.58	212	1381997	22.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	1435756	21.51	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.00	94	23493	1.002	ng/ul	98
44) Dimethylphthalate	13.90	163	643429	13.288	ng/ul	99
58) Fluorene	15.49	166	72341	1.538	ng/ul	96
69) Phenanthrene	17.23	178	1994647	28.655	ng/ul	99
71) Anthracene	17.32	178	291146	4.080	ng/ul	99
74) Carbazole	17.59	167	144155	2.323	ng/ul	99
76) Fluoranthene	19.25	202	4107223	51.488	ng/ul	97
79) Pyrene	19.61	202	3125694	40.339	ng/ul	98
82) Benzo(a)anthracene	21.36	228	1381718	17.645	ng/ul	98
84) Chrysene	21.41	228	1483495	20.417	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	1960284	22.949	ng/ul	97
88) Benzo(k)fluoranthene	23.01	252	650884	7.972	ng/ul	96
90) Benzo(a)pyrene	23.56	252	1267432	15.596	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.96	276	956651	9.967	ng/ul#	95
92) Dibenzo(a,h)anthracene	25.97	278	223053	2.743	ng/ul#	83
93) Benzo(g,h,i)perylene	26.68	276	828279	10.637	ng/ul	97

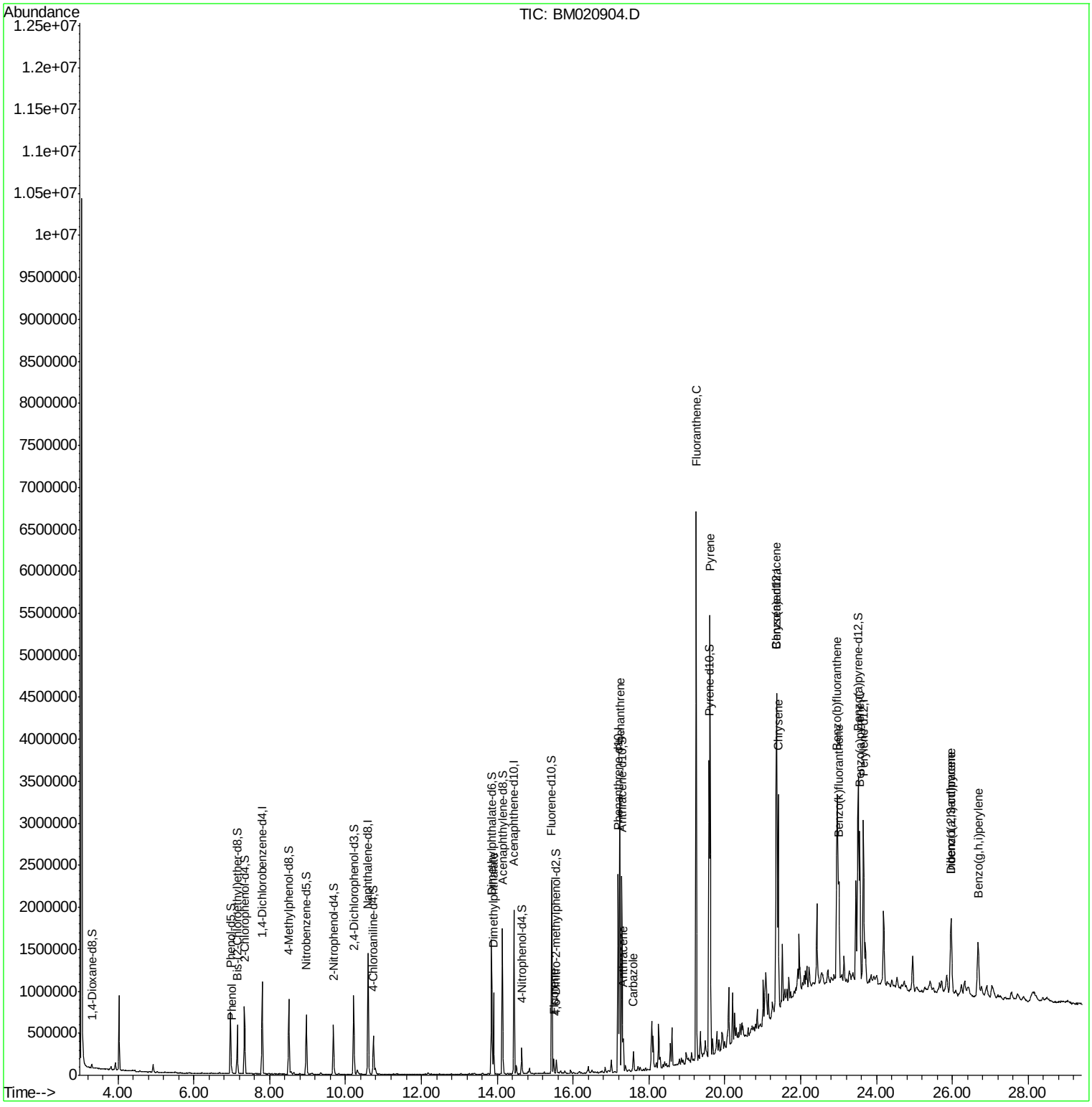
(#) = qualifier out of range (m) = manual integration (+) = signals summed

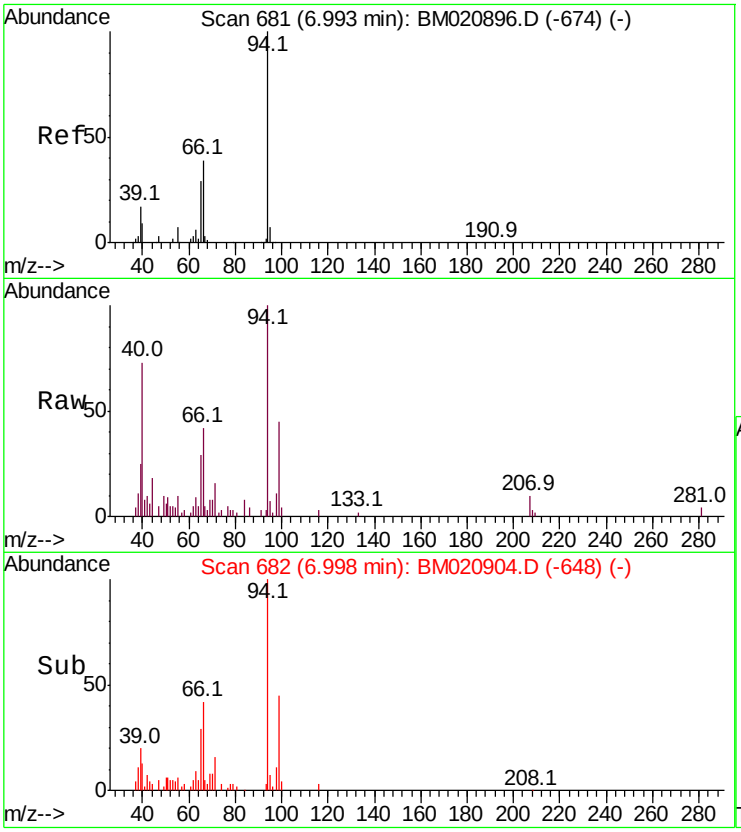
Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020904.D
Acq On : 12 Jun 2019 15:26
Operator : HP/JU
Sample : K3083-06
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A51F9

Quant Time: Jun 14 07:51:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration



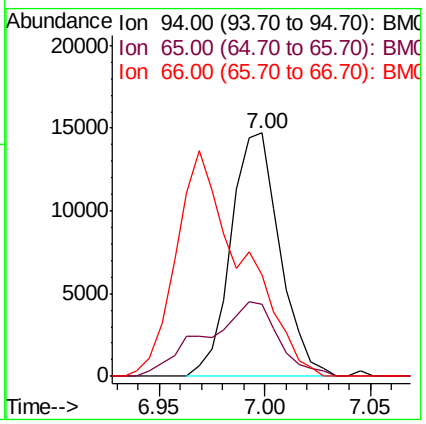


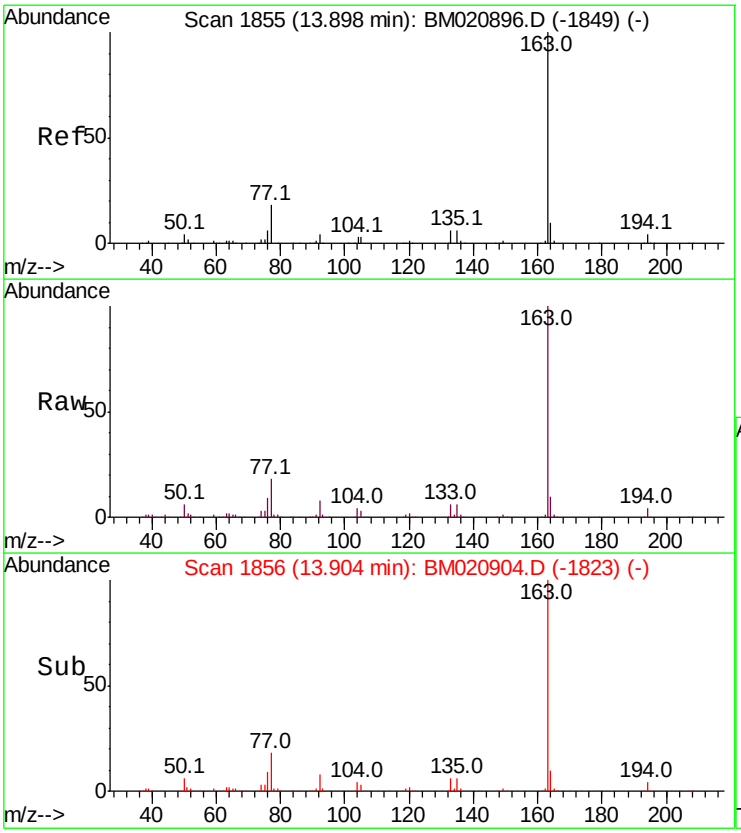
#6
Phenol
Concen: 1.002 ng/ul
RT: 7.00 min Scan# 682
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion: 94 Resp: 23493

Ion	Ratio	Lower	Upper
94	100		
65	29.4	23.3	34.9
66	41.7	32.1	48.1

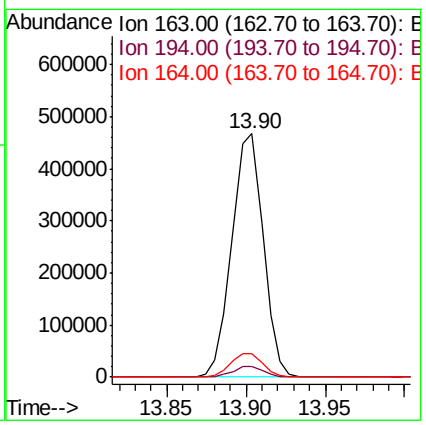


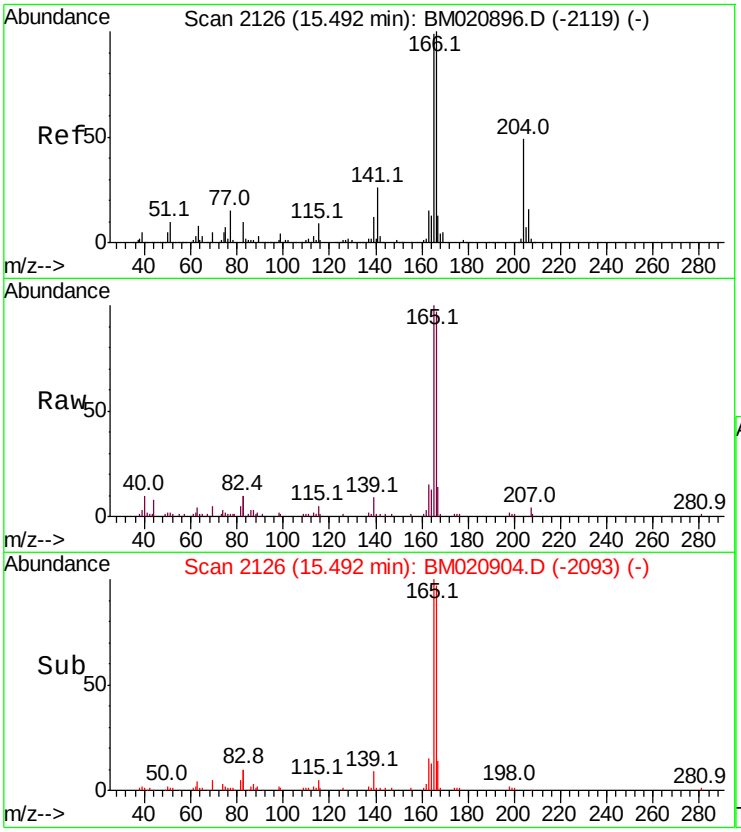


#44
Dimethylphthalate
Concen: 13.288 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:163 Resp: 643429

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	9.6	8.0	12.0



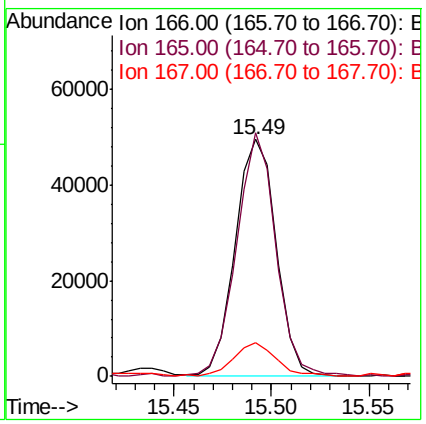


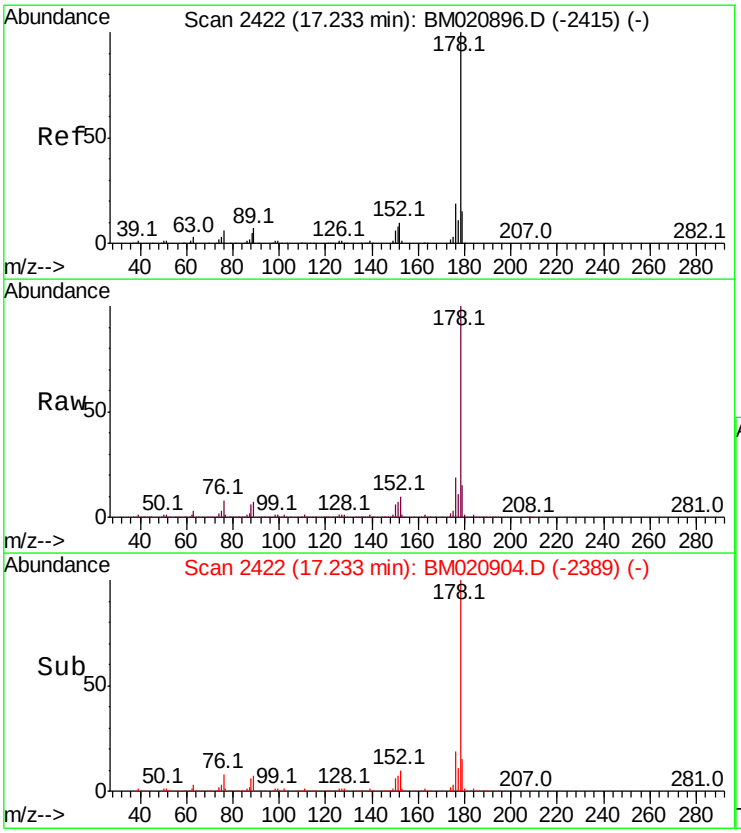
#58
Fluorene
Concen: 1.538 ng/ul
RT: 15.49 min Scan# 2126
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:166 Resp: 72341

Ion	Ratio	Lower	Upper
166	100		
165	102.7	78.6	117.8
167	14.4	10.8	16.2

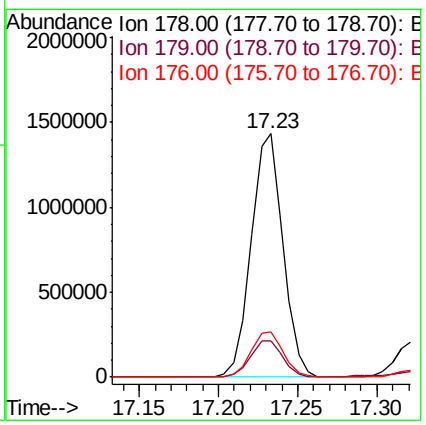


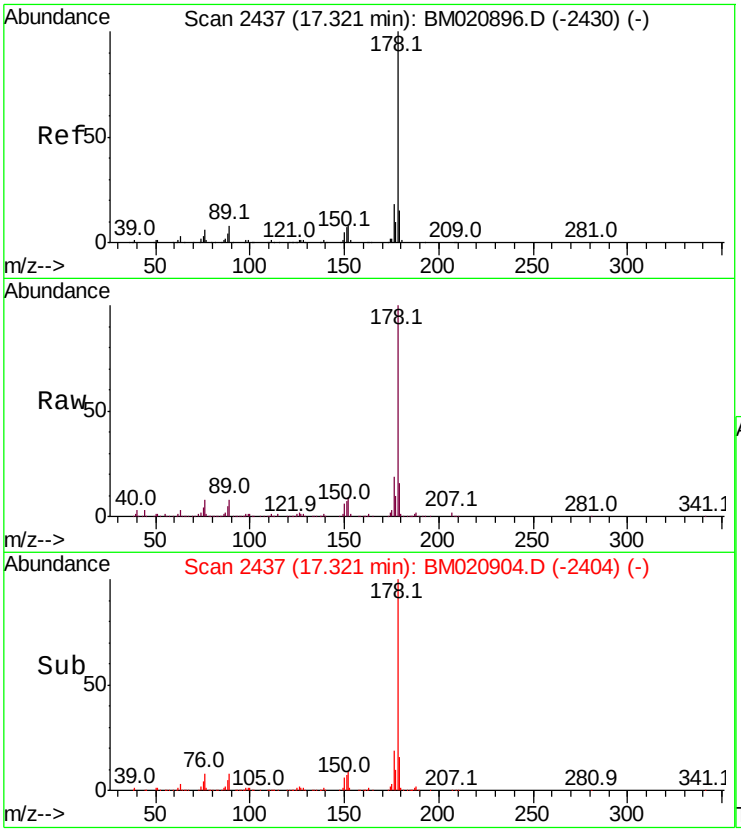


#69
Phenanthrene
Concen: 28.655 ng/ul
RT: 17.23 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:178 Resp: 1994647

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.7	14.8	22.2



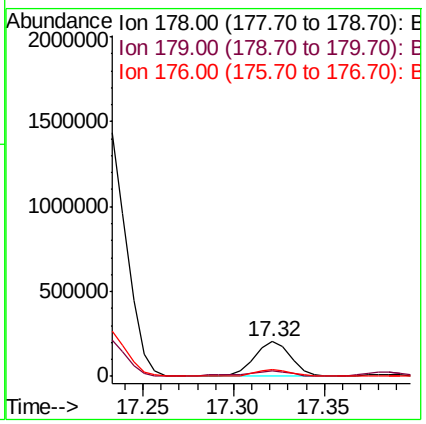


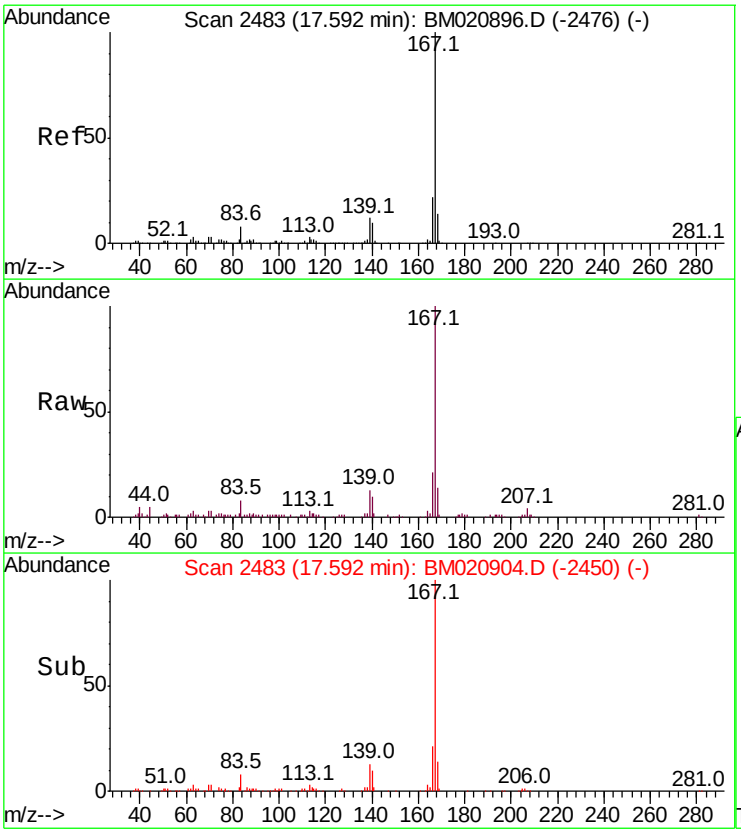
#71
Anthracene
Concen: 4.080 ng/ul
RT: 17.32 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:178 Resp: 291146

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	19.1	14.9	22.3

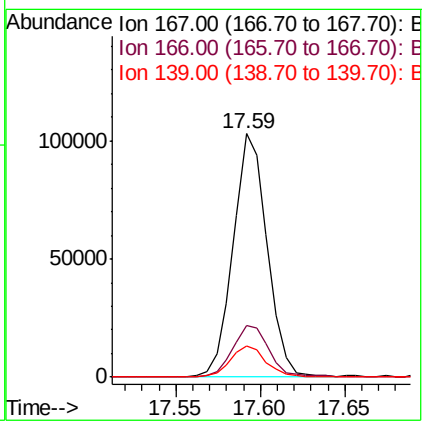


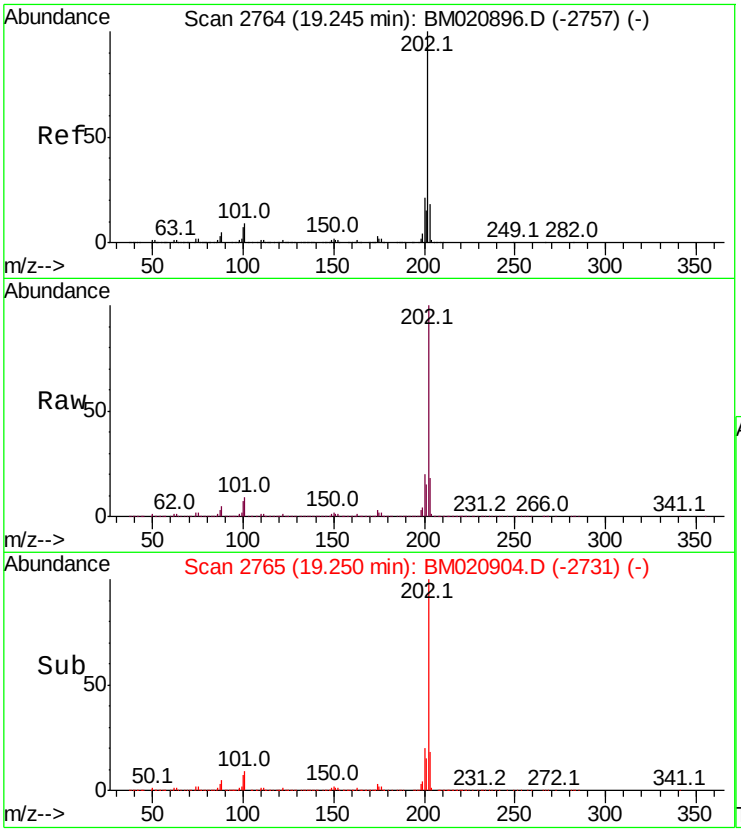


#74
Carbazole
Concen: 2.323 ng/ul
RT: 17.59 min Scan# 2483
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:167 Resp: 144155

Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.6
139	12.6	10.5	15.7



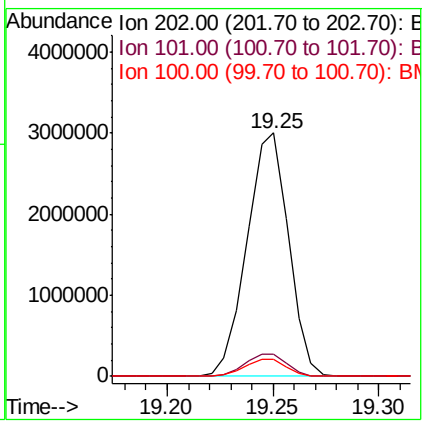


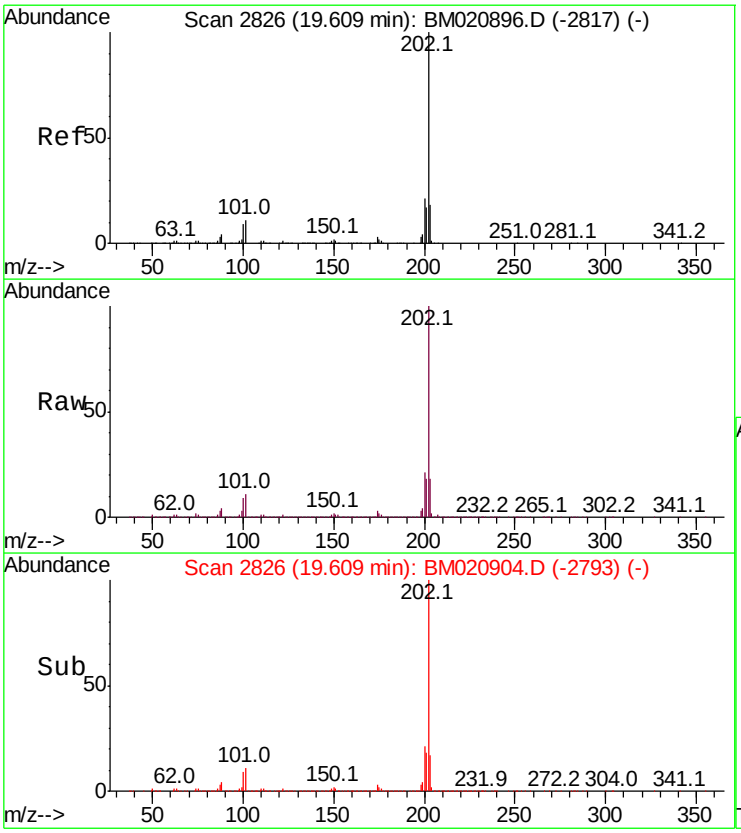
#76
Fluoranthene
Concen: 51.488 ng/ul
RT: 19.25 min Scan# 2765
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:202 Resp: 4107223

Ion	Ratio	Lower	Upper
202	100		
101	9.0	7.9	11.9
100	6.9	6.2	9.4

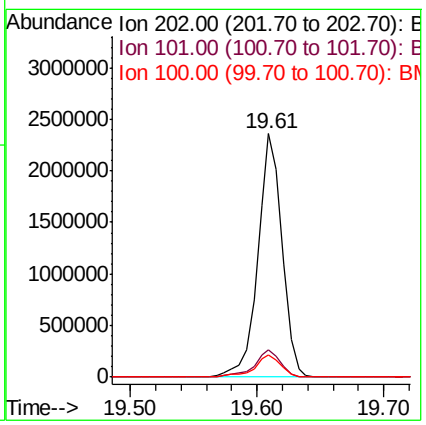


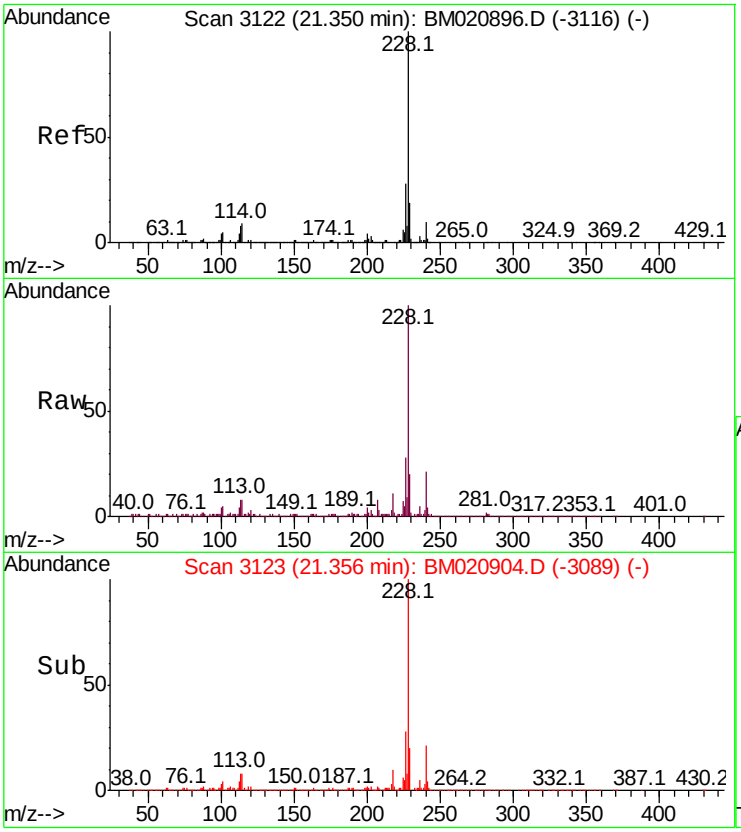


#79
Pyrene
Concen: 40.339 ng/ul
RT: 19.61 min Scan# 2826
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:202 Resp: 3125694

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.8	14.6
100	9.3	8.0	12.0



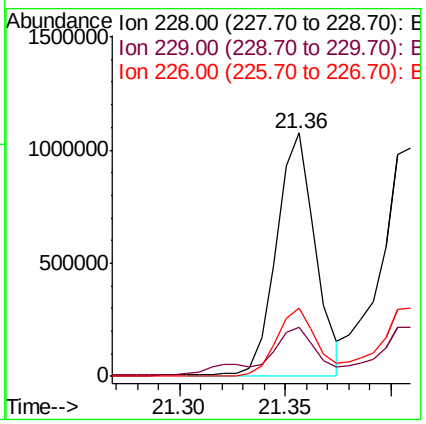


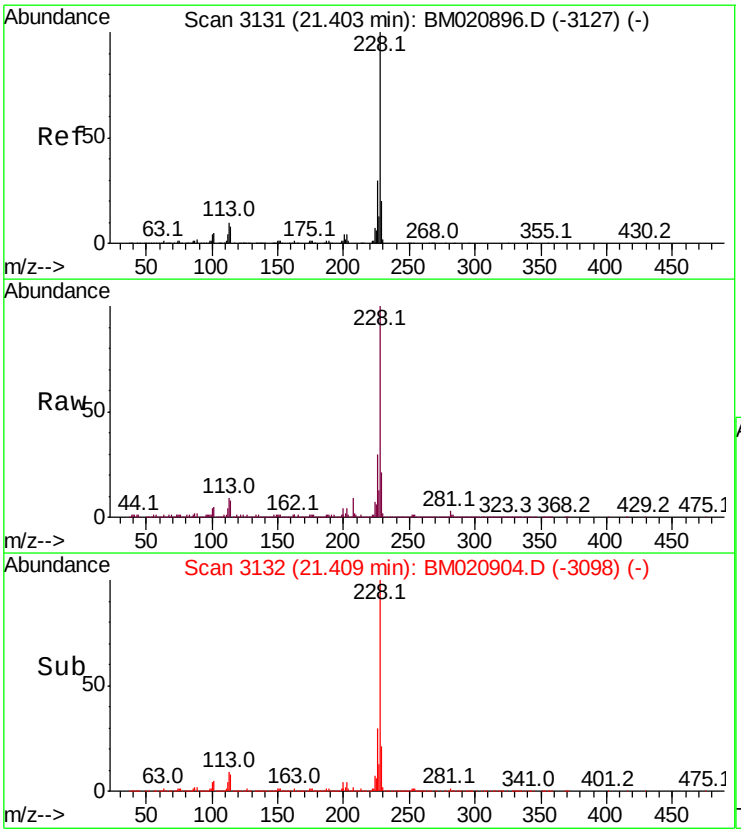
#82
Benzo(a)anthracene
Concen: 17.645 ng/ul
RT: 21.36 min Scan# 3123
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:228 Resp: 1381718

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.6	23.4
226	27.9	21.4	32.2

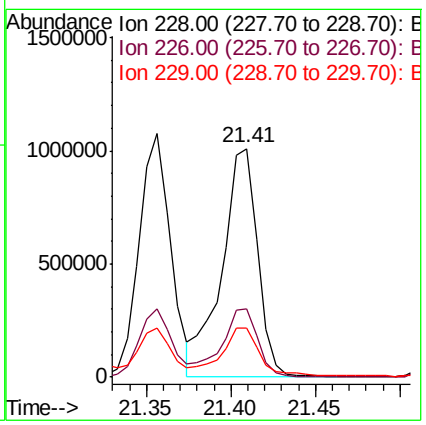


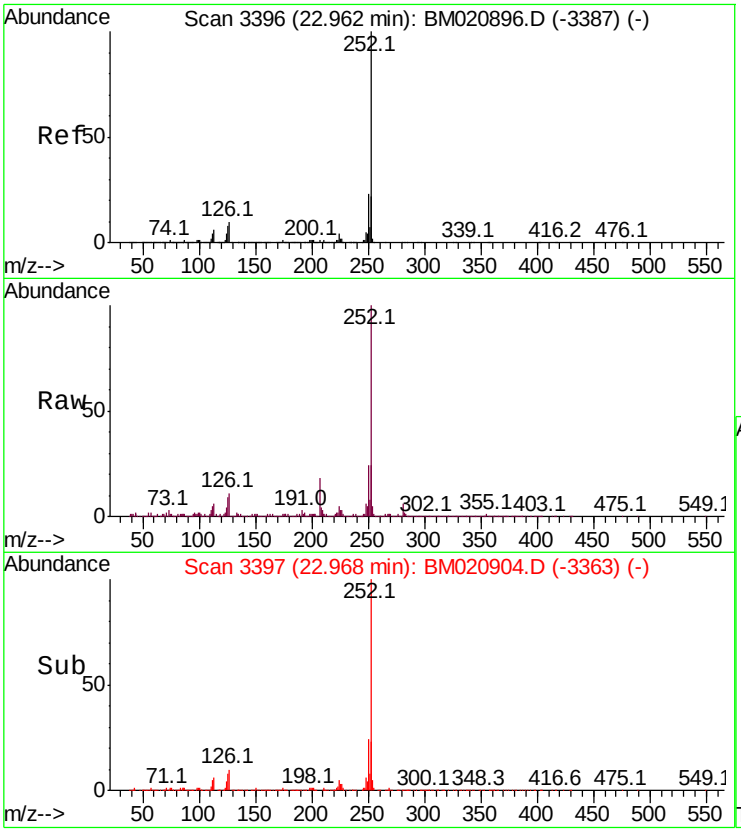


#84
Chrysene
Concen: 20.417 ng/ul
RT: 21.41 min Scan# 3132
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:228 Resp: 1483495

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.4	36.6
229	21.3	16.2	24.2



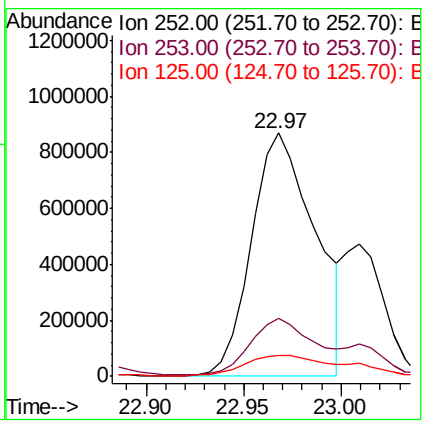


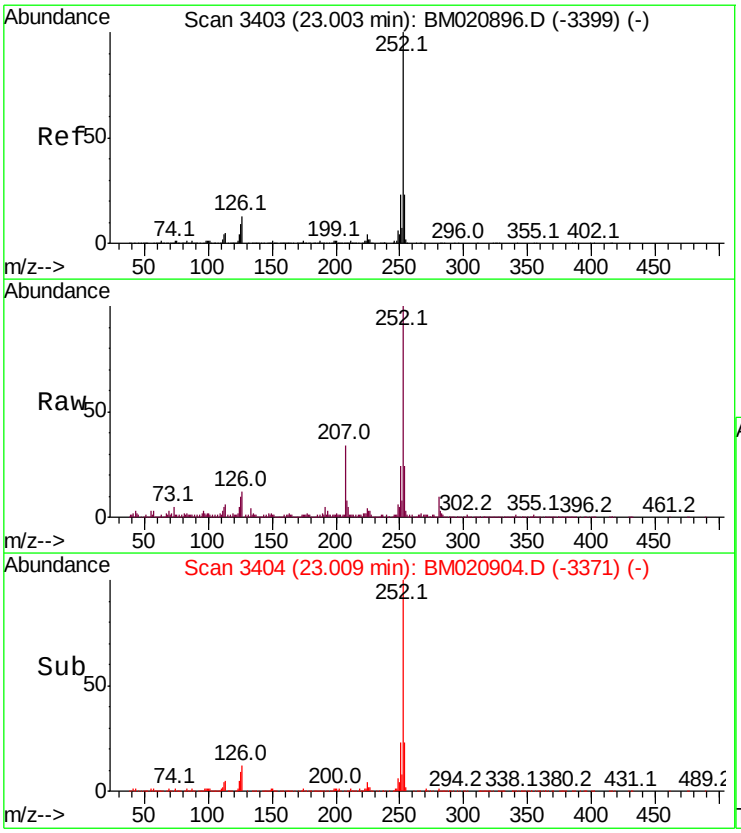
#87
Benzo(b)fluoranthene
Concen: 22.949 ng/ul
RT: 22.97 min Scan# 3397
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:252 Resp: 1960284

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	8.6	7.3	10.9

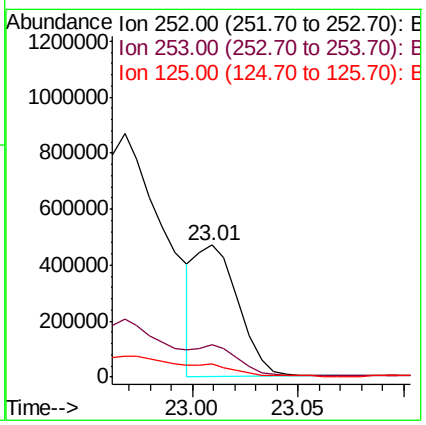


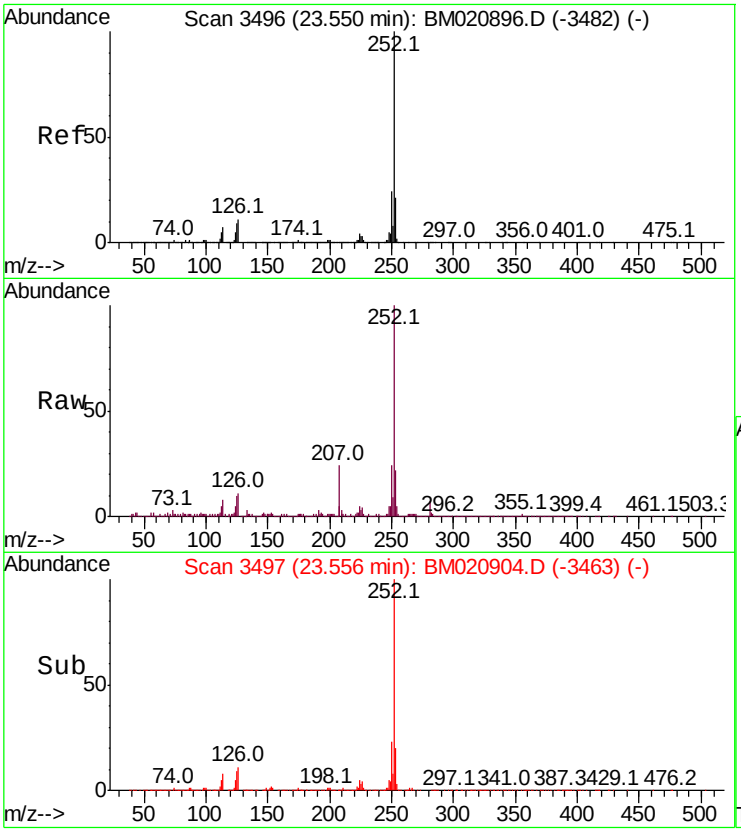


#88
Benzo(k)fluoranthene
Concen: 7.972 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:252 Resp: 650884

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.6	26.4
125	9.8	7.3	10.9



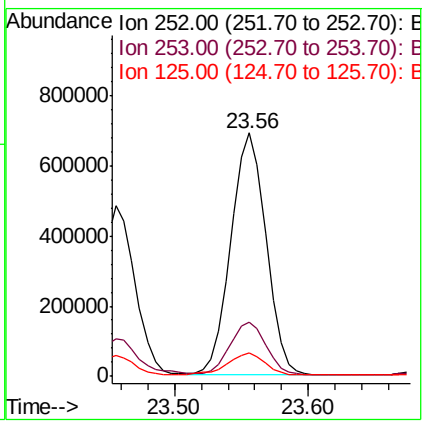


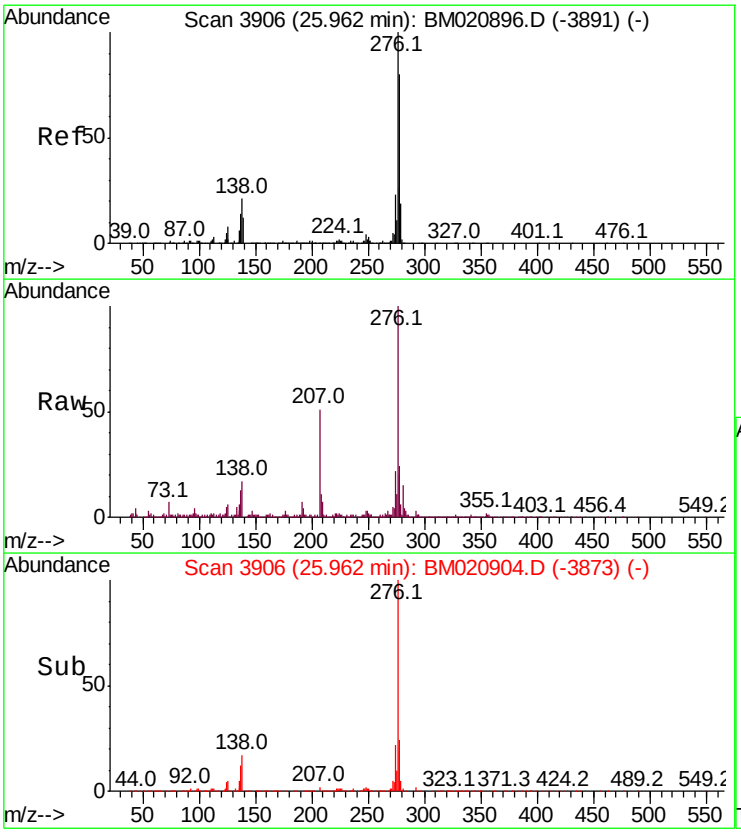
#90
Benzo(a)pyrene
Concen: 15.596 ng/ul
RT: 23.56 min Scan# 3497
Delta R.T. 0.00 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:252 Resp: 1267432

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.0	25.6
125	9.5	8.2	12.4

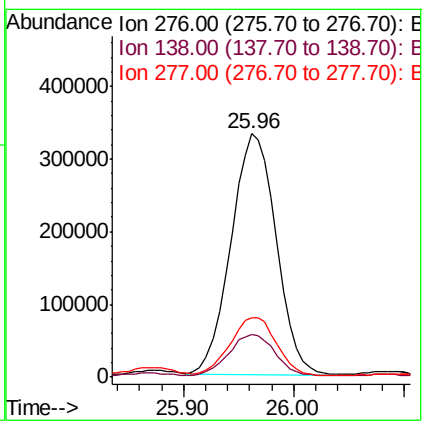


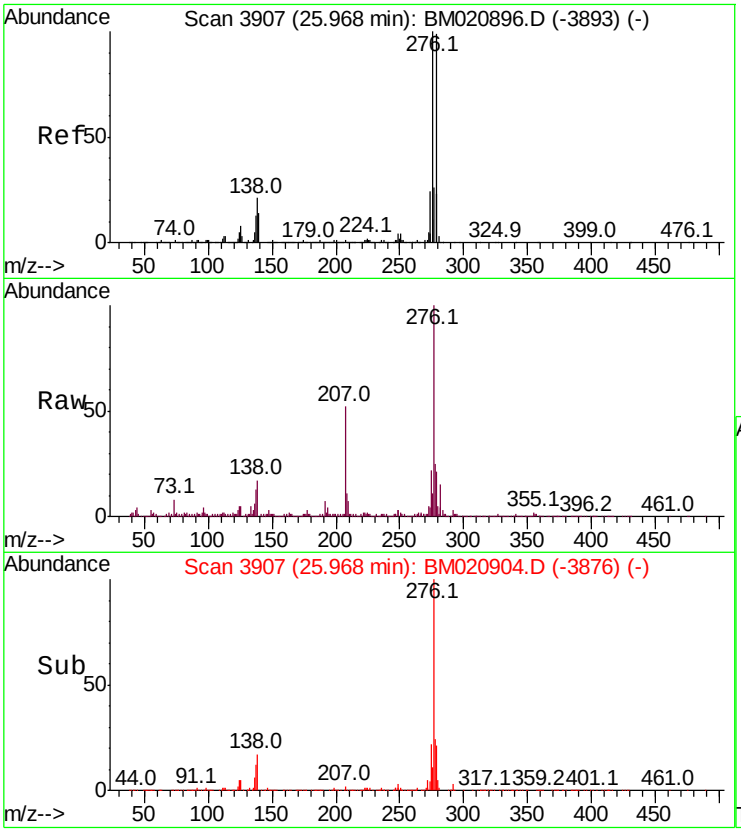


#91
Indeno(1,2,3-cd)pyrene
Concen: 9.967 ng/ul
RT: 25.96 min Scan# 3906
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:276 Resp: 956651

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.8#
277	24.4	20.0	30.0



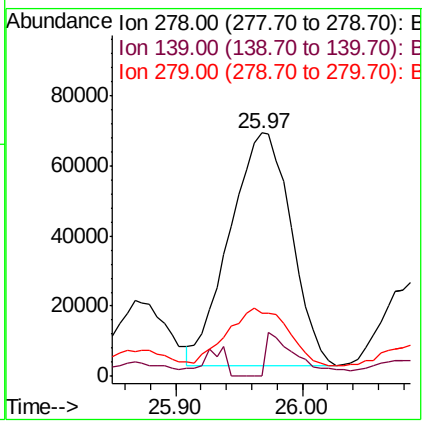


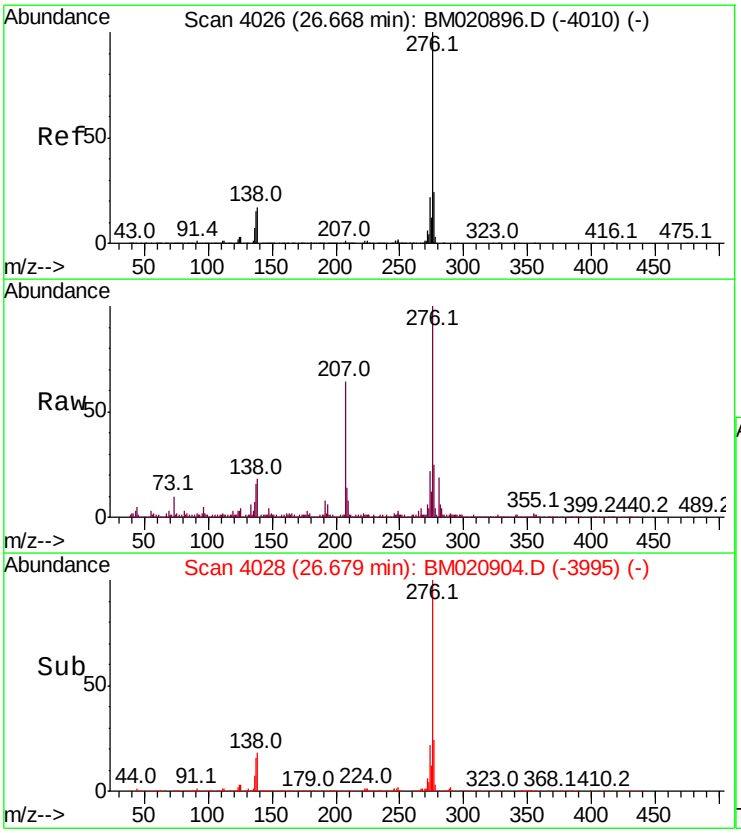
#92
Dibenzo(a,h)anthracene
Concen: 2.743 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. -0.02 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Instrument :
BNA_M
ClientSampleId :
A51F9

Tgt Ion:278 Resp: 223053

Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	25.8	18.6	28.0





#93
Benzo(g,h,i)perylene
Concen: 10.637 ng/ul
RT: 26.68 min Scan# 4028
Delta R.T. -0.01 min
Lab File: BM020904.D
Acq: 12 Jun 2019 15:26

Tgt Ion:276 Resp: 828279

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	24.9	19.6	29.4