Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (Not Reviewed)

Data File : BM022316.D
Acq On : 25 Aug 2019 06:01
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AG7ME

Quant Time: Aug 26 01:37:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36502	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	169489	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	118412	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	267278	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	248225	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	227303	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	1956	2.40	ng/uL	0.00
5) Phenol-d5	6.76	99	42265	13.42	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	25816	14.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	36827	14.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	37371	13.69	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	17770	14.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	21094	14.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	41095	13.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.50	131	47012	12.91	ng/ul	0.01
43) Dimethylphthalate-d6	13.64	166	156730	15.03	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	163267	14.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	12523	8.11	ng/ul	0.04
57) Fluorene-d10	15.22	176	130838	15.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	18189	8.82	ng/ul	0.00
70) Anthracene-d10	17.07	188	215525	15.23	ng/ul	0.00
78) Pyrene-d10	19.38	212	276393	21.42	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	207120	16.59	ng/ul	0.00
Target Compounds						Qvalue
44) Dimethylphthalate	13.69	163	28500	2.686	ng/ul	98
49) Acenaphthene	14.27	153	11502	1.391	ng/ul	97
58) Fluorene	15.27	166	11300	1.089	ng/ul	95
69) Phenanthrene	17.02	178	238338	14.906	ng/ul	99
71) Anthracene	17.02	178	238338	14.324	ng/ul	100
74) Carbazole	17.40	167	24136	1.606	ng/ul	98
76) Fluoranthene	19.04	202	438599	18.202	ng/ul	99
79) Pyrene	19.41	202	376937	23.461	ng/ul	99
82) Benzo(a)anthracene	21.16	228	176864	9.467	ng/ul	98
84) Chrysene	21.22	228	151627	8.680	ng/ul	97
87) Benzo(b)fluoranthene	22.71	252	160691	10.163	ng/ul	96
88) Benzo(k)fluoranthene	22.76	252	55567	3.624	ng/ul	99
90) Benzo(a)pyrene	23.27	252	120784	8.014	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.56	276	69740	3.985	ng/ul	97
92) Dibenzo(a,h)anthracene	25.56	278	17569	1.182	ng/ul#	83
93) Benzo(g,h,i)perylene	26.23	276	51762	3.877	ng/ul	94

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

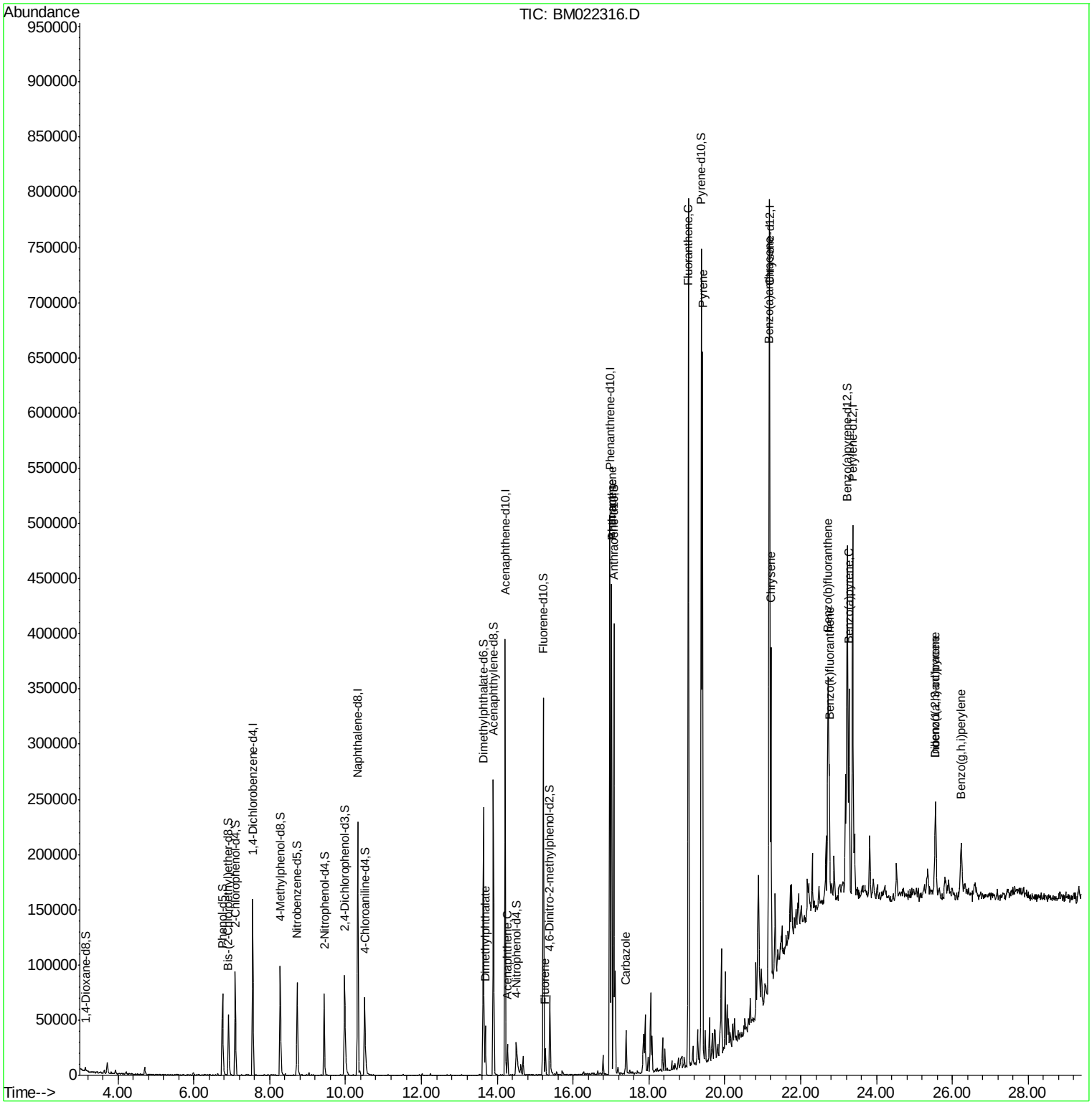
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

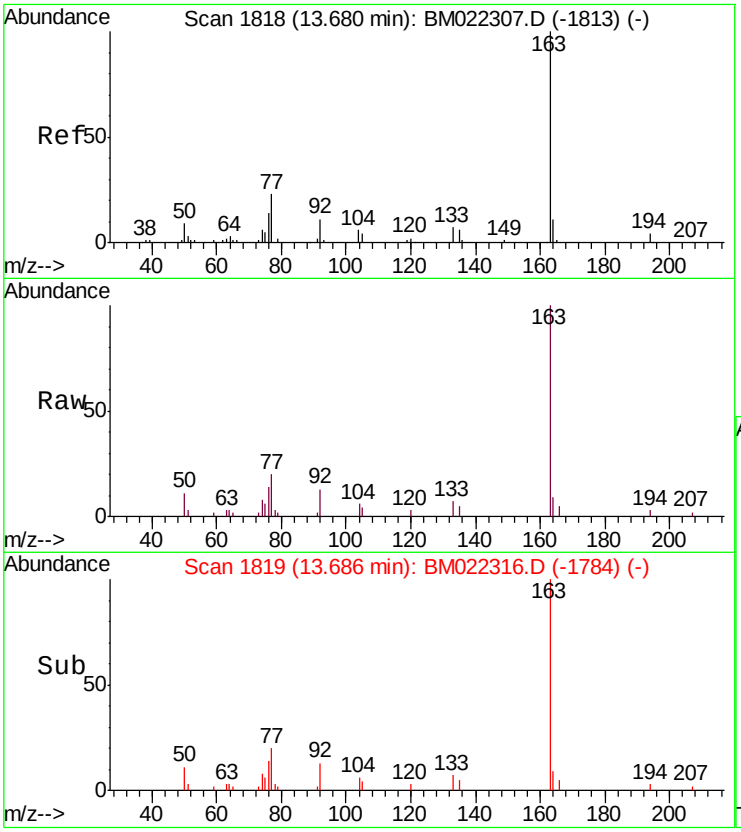
Quantitation Report (Not Reviewed)

Data File : BM022316.D
Acq On : 25 Aug 2019 06:01
Operator : HP/JU
Sample : K4242-02ME
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Quant Time: Aug 26 01:37:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration



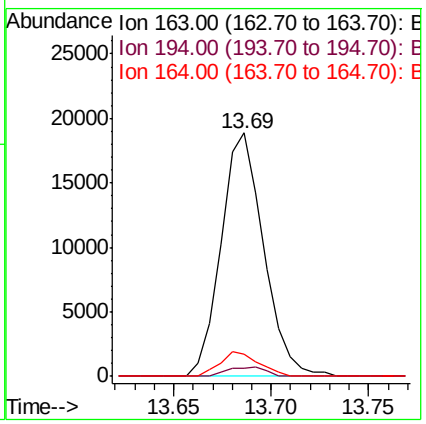


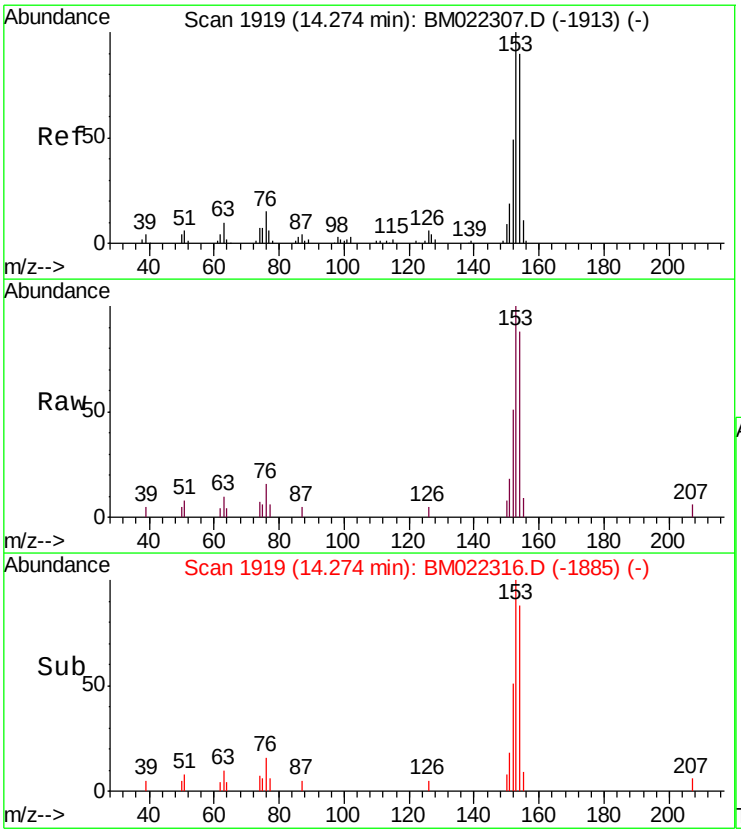
#44
Dimethylphthalate
Concen: 2.686 ng/ul
RT: 13.69 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:163 Resp: 28500

Ion	Ratio	Lower	Upper
163	100		
194	3.3	3.0	4.6
164	8.9	7.8	11.8

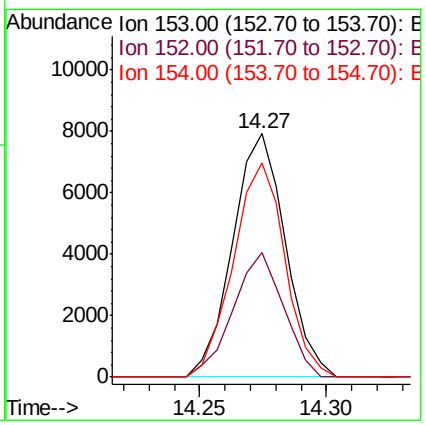


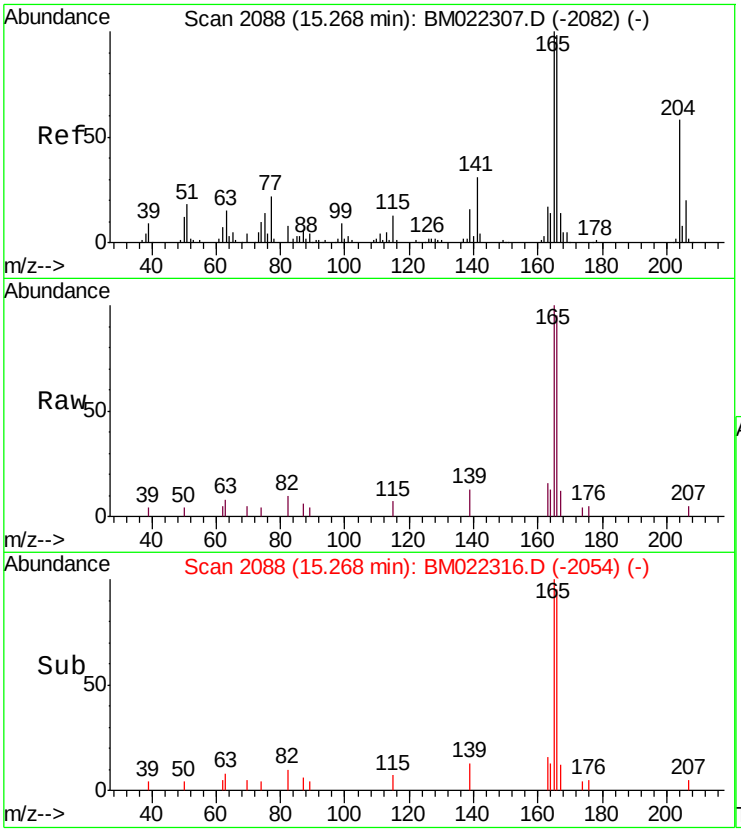


#49
Acenaphthene
Concen: 1.391 ng/ul
RT: 14.27 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:153 Resp: 11502

Ion	Ratio	Lower	Upper
153	100		
152	51.3	38.6	58.0
154	87.9	68.9	103.3



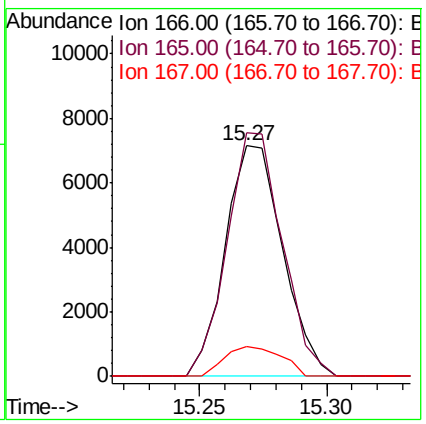


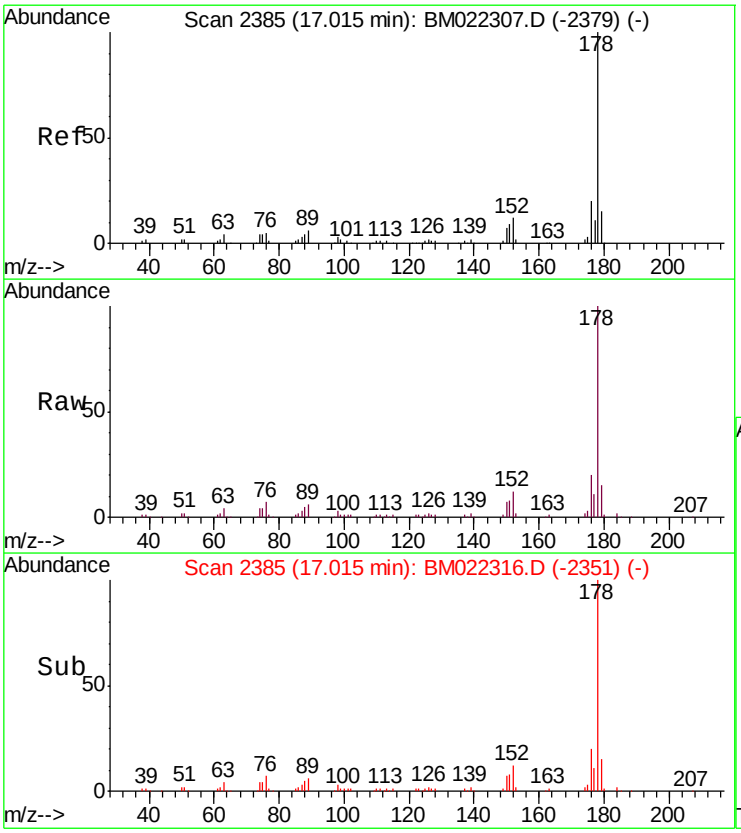
#58
Fluorene
Concen: 1.089 ng/ul
RT: 15.27 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:166 Resp: 11300

Ion	Ratio	Lower	Upper
166	100		
165	105.6	80.2	120.2
167	12.9	11.4	17.0

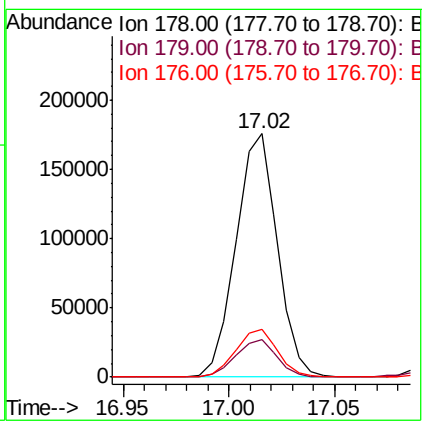


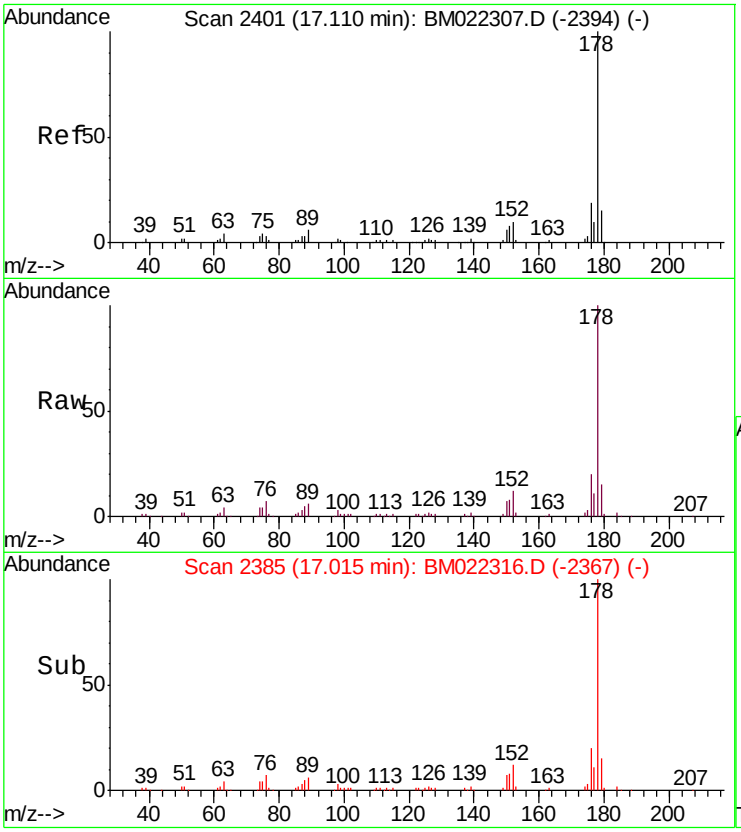


#69
Phenanthrene
Concen: 14.906 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:178 Resp: 238338

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.7	15.4	23.0



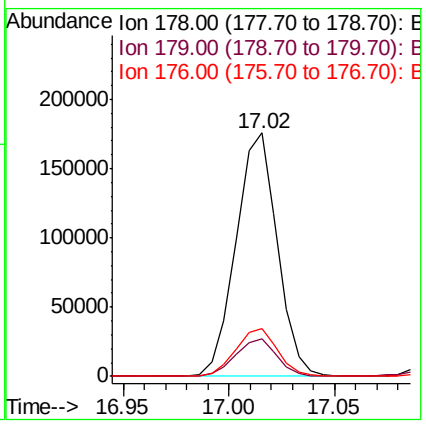


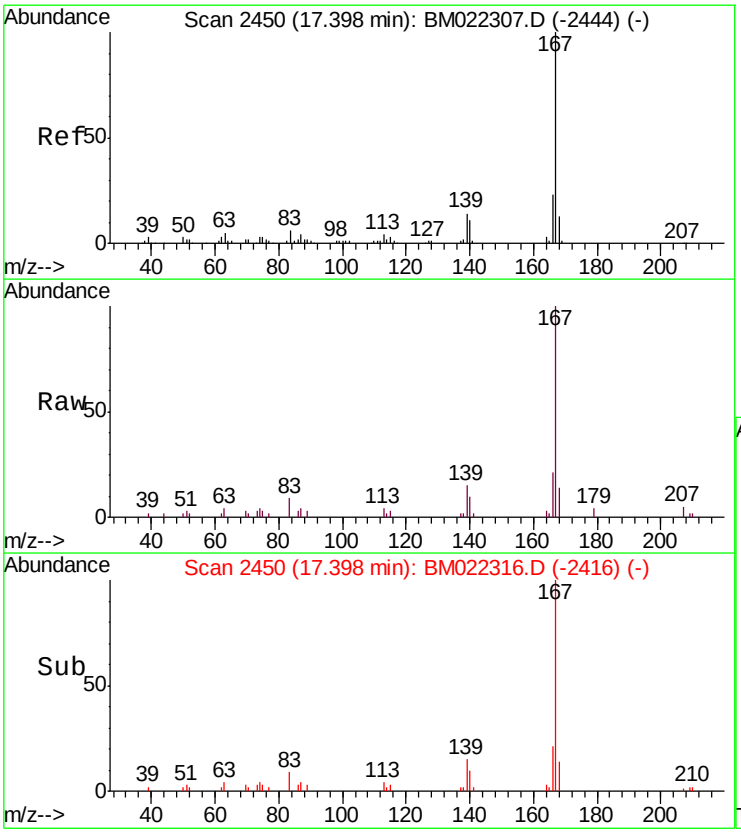
#71
Anthracene
Concen: 14.324 ng/ul
RT: 17.02 min Scan# 2385
Delta R.T. -0.09 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:178 Resp: 238338

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	19.7	15.5	23.3

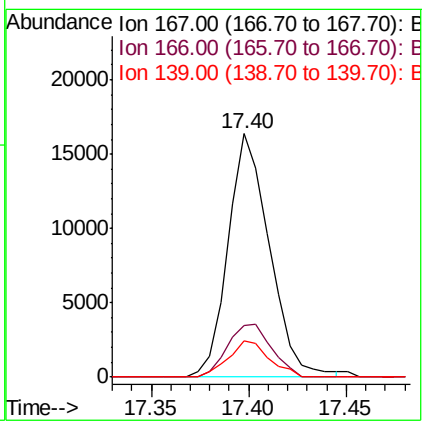


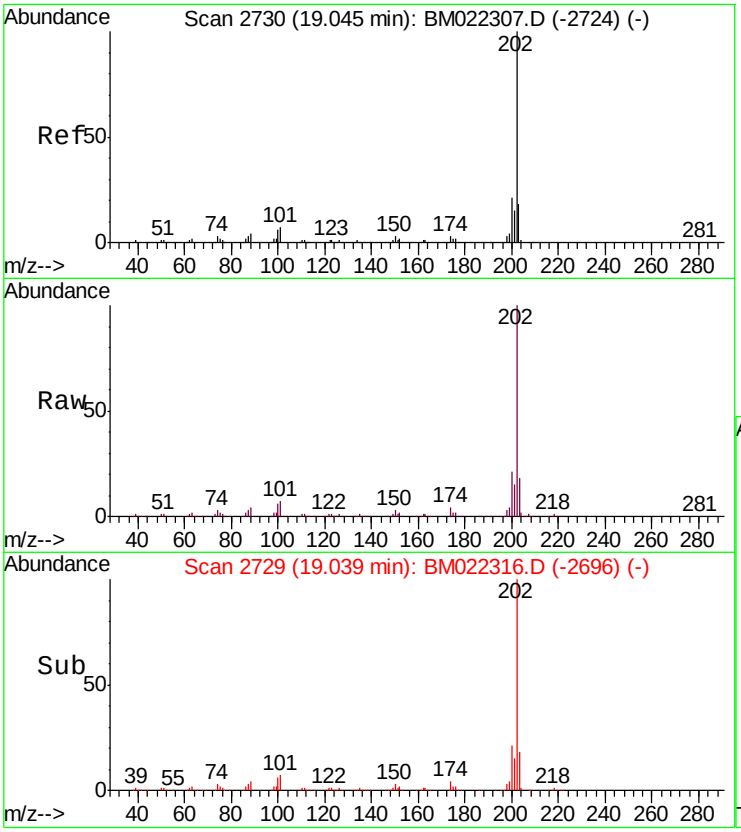


#74
Carbazole
Concen: 1.606 ng/ul
RT: 17.40 min Scan# 2450
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:167 Resp: 24136

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.8	26.8
139	15.1	11.8	17.8



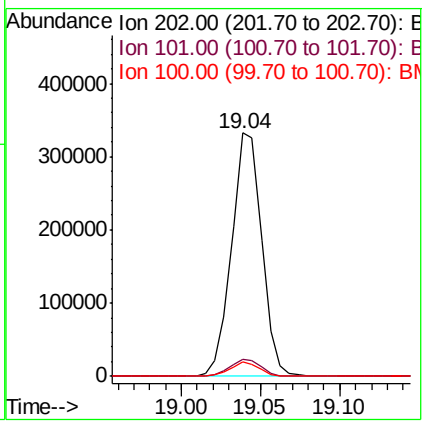


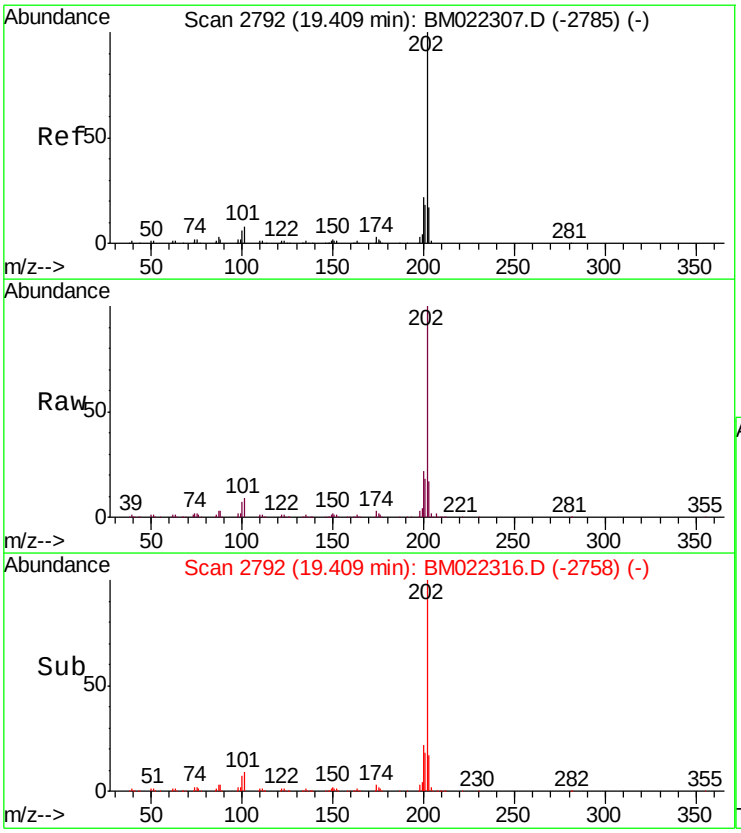
#76
Fluoranthene
Concen: 18.202 ng/ul
RT: 19.04 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:202 Resp: 438599

Ion	Ratio	Lower	Upper
202	100		
101	7.0	5.3	7.9
100	5.7	4.6	6.8

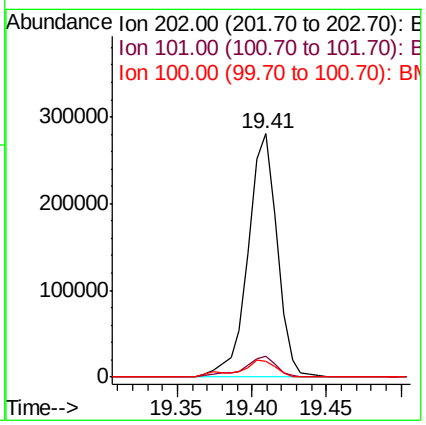


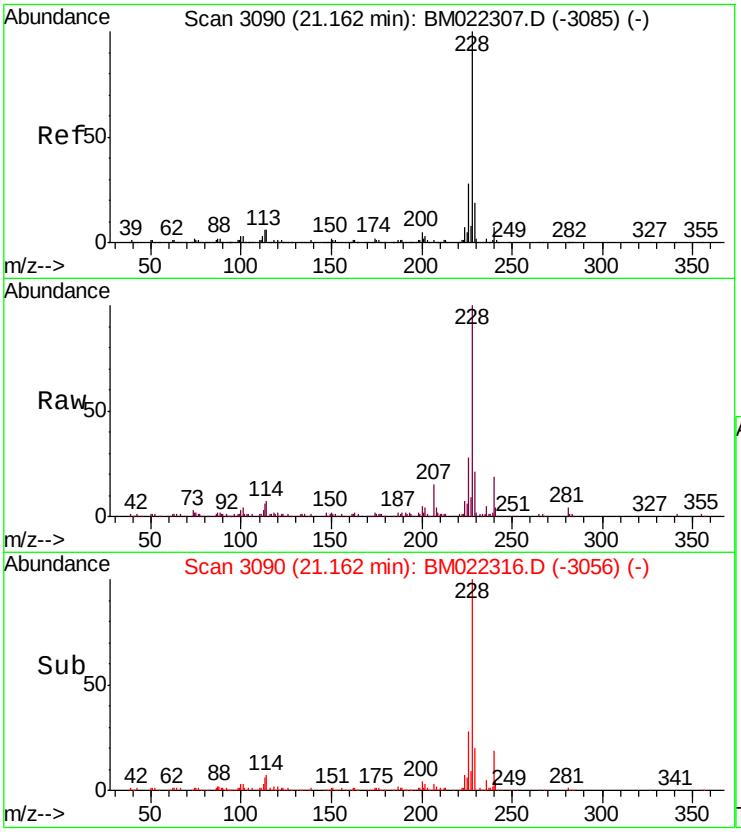


#79
Pyrene
Concen: 23.461 ng/ul
RT: 19.41 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:202 Resp: 376937

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.4
100	6.7	5.8	8.8



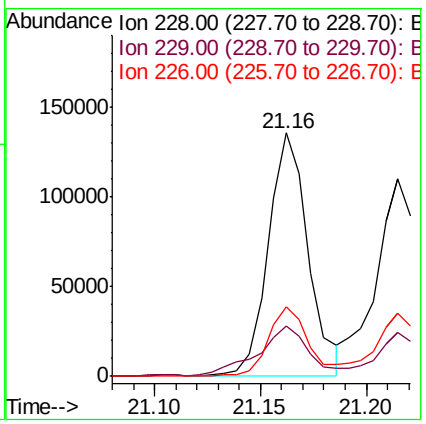


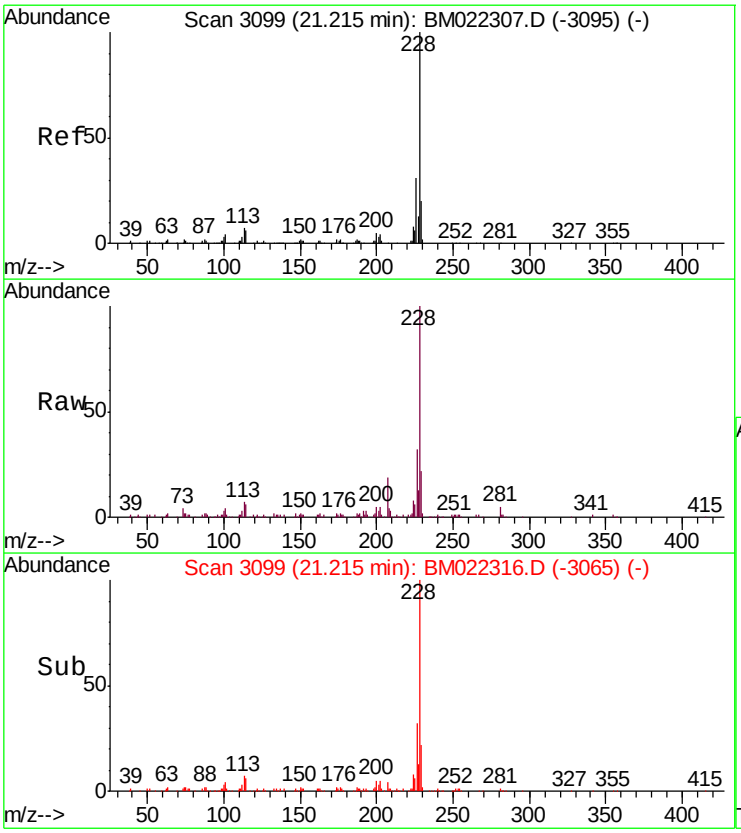
#82
Benzo(a)anthracene
Concen: 9.467 ng/ul
RT: 21.16 min Scan# 3090
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:228 Resp: 176864

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.2	22.8
226	28.5	22.3	33.5

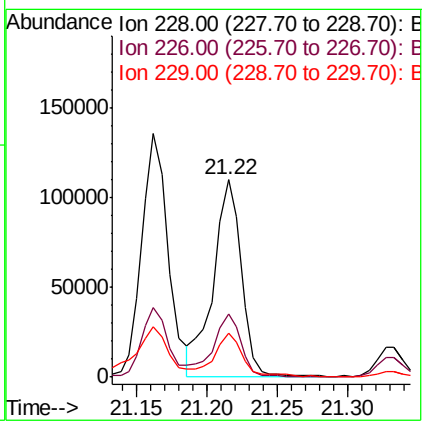


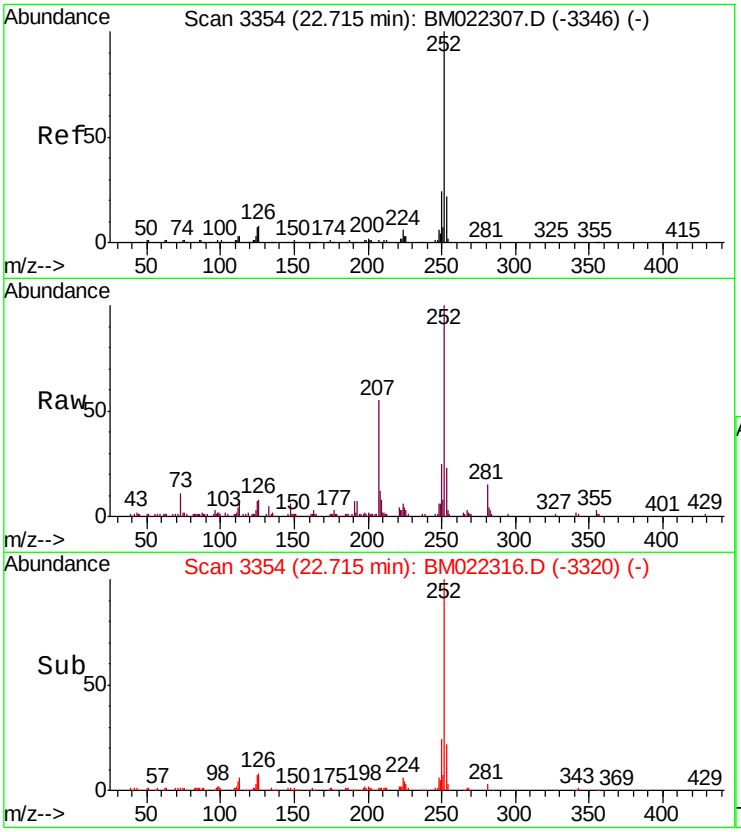


#84
Chrysene
Concen: 8.680 ng/ul
RT: 21.22 min Scan# 3099
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:228 Resp: 151627

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.7	37.1
229	22.0	15.7	23.5



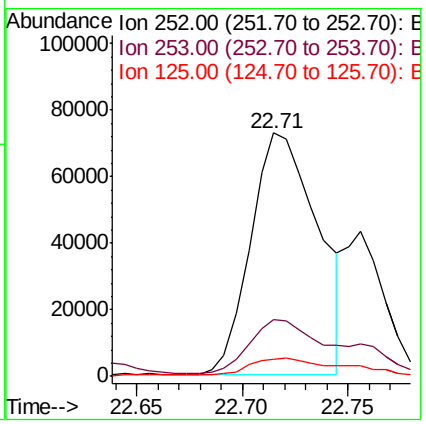


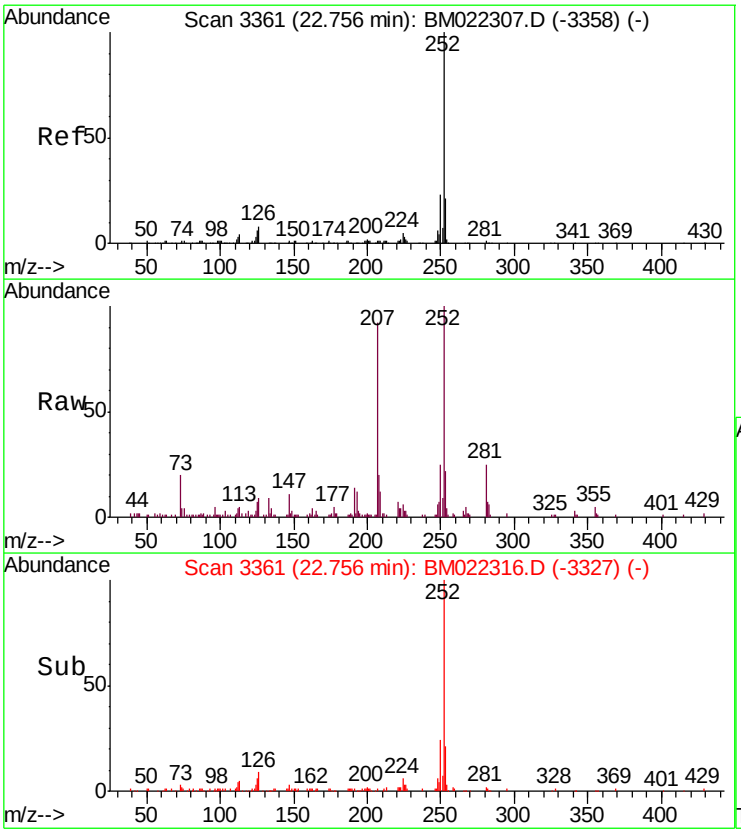
#87
Benzo(b)fluoranthene
Concen: 10.163 ng/ul
RT: 22.71 min Scan# 3354
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:252 Resp: 160691

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.6
125	7.2	5.2	7.8

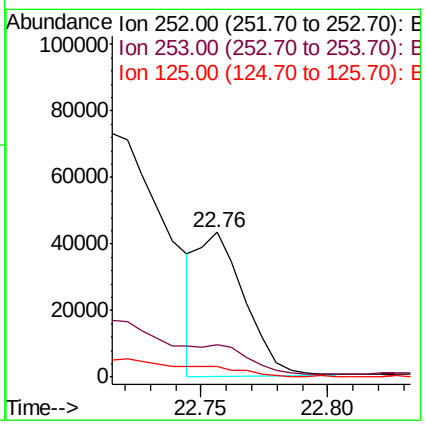


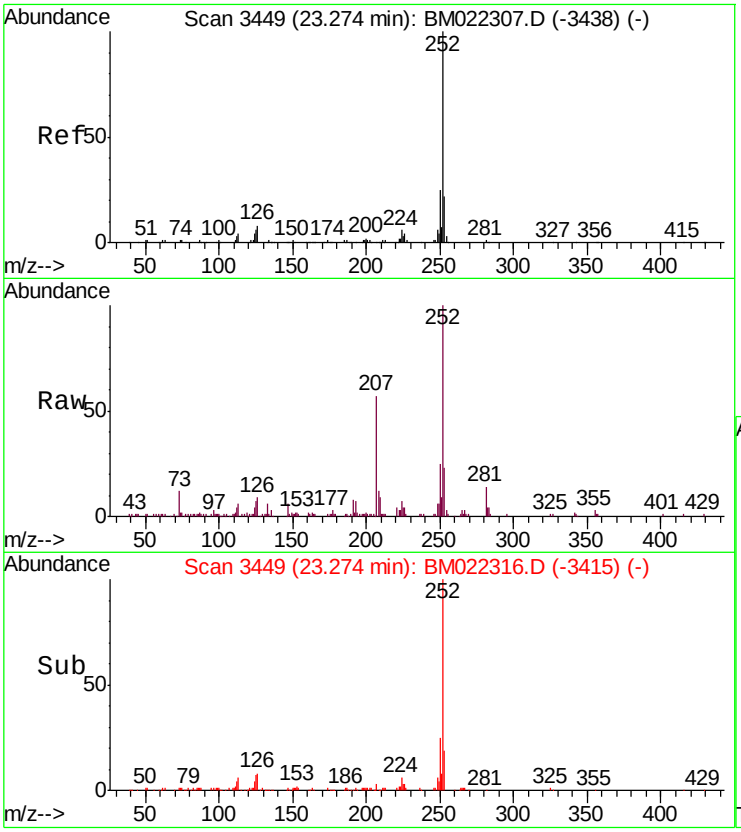


#88
Benzo(k)fluoranthene
Concen: 3.624 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:252 Resp: 55567

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.1	27.1
125	7.0	5.1	7.7



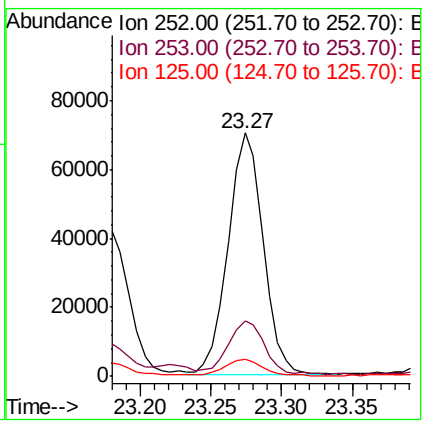


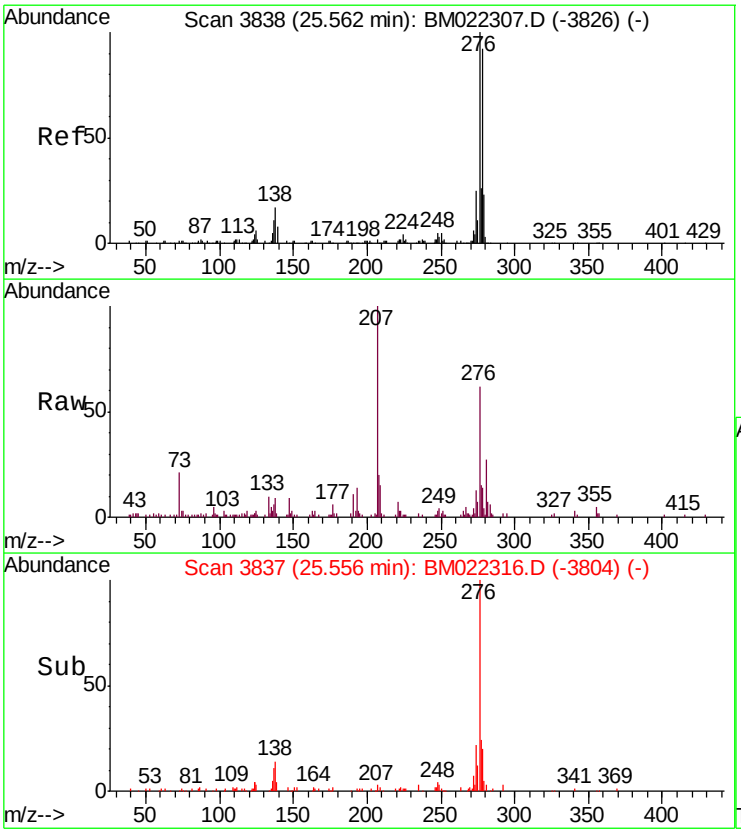
#90
Benzo(a)pyrene
Concen: 8.014 ng/ul
RT: 23.27 min Scan# 3449
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:252 Resp: 120784

Ion	Ratio	Lower	Upper
252	100		
253	22.7	16.9	25.3
125	6.9	5.5	8.3

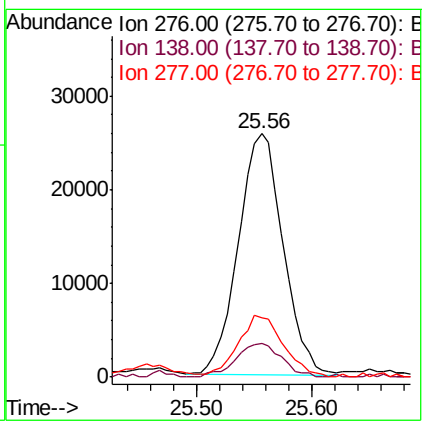


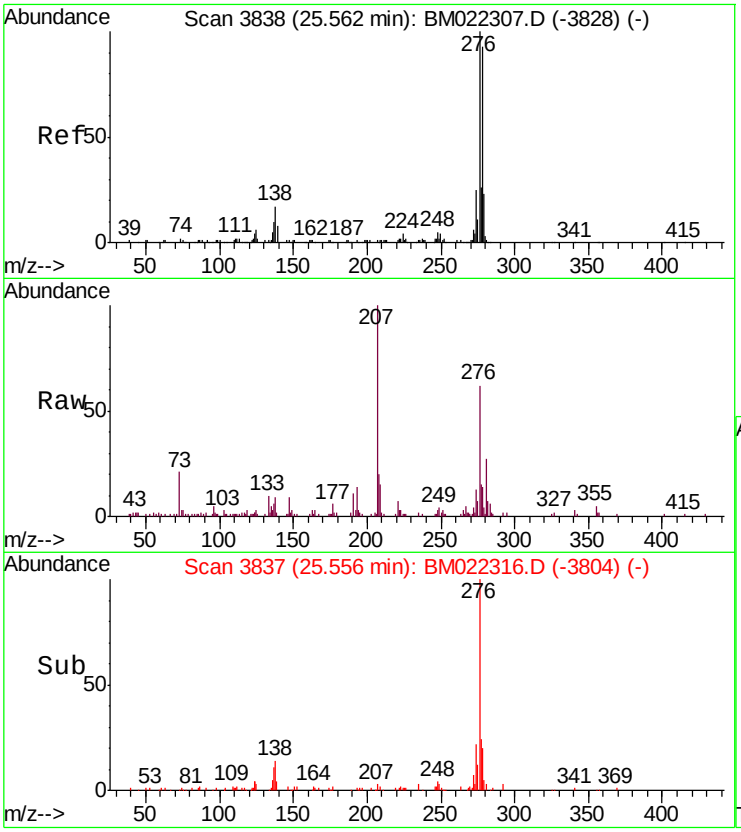


#91
Indeno(1,2,3-cd)pyrene
Concen: 3.985 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:276 Resp: 69740

Ion	Ratio	Lower	Upper
276	100		
138	14.0	12.6	18.8
277	24.3	20.2	30.2



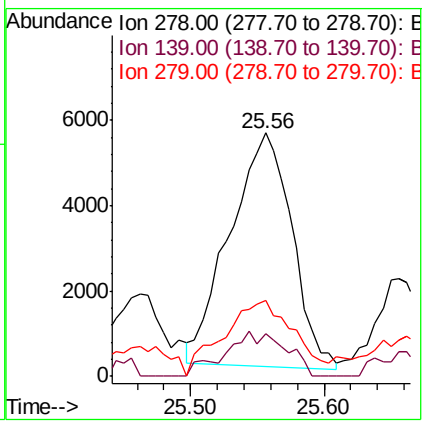


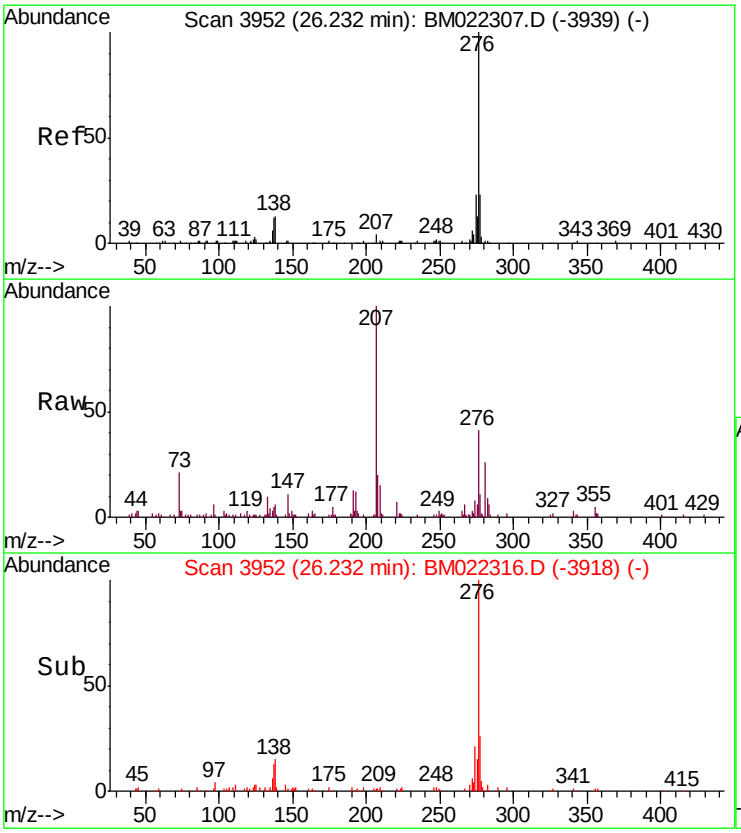
#92
Dibenzo(a,h)anthracene
Concen: 1.182 ng/ul
RT: 25.56 min Scan# 3837
Delta R.T. -0.01 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Instrument :
BNA_M
ClientSampleId :
C0AG7ME

Tgt Ion:278 Resp: 17569

Ion	Ratio	Lower	Upper
278	100		
139	17.7	7.7	11.5#
279	31.4	19.0	28.6#





#93
Benzo(g,h,i)perylene
Concen: 3.877 ng/ul
RT: 26.23 min Scan# 3952
Delta R.T. -0.00 min
Lab File: BM022316.D
Acq: 25 Aug 2019 06:01

Tgt Ion:276 Resp: 51762

Ion	Ratio	Lower	Upper
276	100		
138	14.9	10.2	15.4
277	26.1	18.2	27.4