Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021662.D
Acq On : 26 Jul 2019 07:22
Operator : HP/JU
Sample : K3893-10
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 26 08:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	171743	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.47	136	788194	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.34	164	562125	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1332805	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1527508	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1451117	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	13947	4.43	ng/uL	0.00
5) Phenol-d5	6.87	99	266764	18.31	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.04	67	180603	21.37	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.23	132	243018	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	216863	17.43	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	137028	23.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	157392	25.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	290934	20.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	322527	23.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1060294	22.01	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1179433	20.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	82835	10.03	ng/ul	0.00
57) Fluorene-d10	15.34	176	956116	22.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	75761	9.08	ng/ul	0.00
70) Anthracene-d10	17.19	188	1565472	23.87	ng/ul	0.00
78) Pyrene-d10	19.49	212	1923587	25.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1802114	23.26	ng/ul	-0.01
Target Compounds						Qvalue
44) Dimethylphthalate	13.80	163	147244	3.185	ng/ul	99
69) Phenanthrene	17.13	178	161728	2.224	ng/ul	100
76) Fluoranthene	19.16	202	427177	4.739	ng/ul	99
79) Pyrene	19.52	202	414789	4.559	ng/ul	99
82) Benzo(a)anthracene	21.27	228	251582	2.512	ng/ul	97
84) Chrysene	21.32	228	254926	2.669	ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	314247	3.582	ng/ul#	98
88) Benzo(k)fluoranthene	22.86	252	314247	3.651	ng/ul#	98
90) Benzo(a)pyrene	23.43	252	186732	2.217	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.78	276	114545	1.120	ng/ul	97
93) Benzo(g,h,i)perylene	26.47	276	91339	1.102	ng/ul	96

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

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Instrument :
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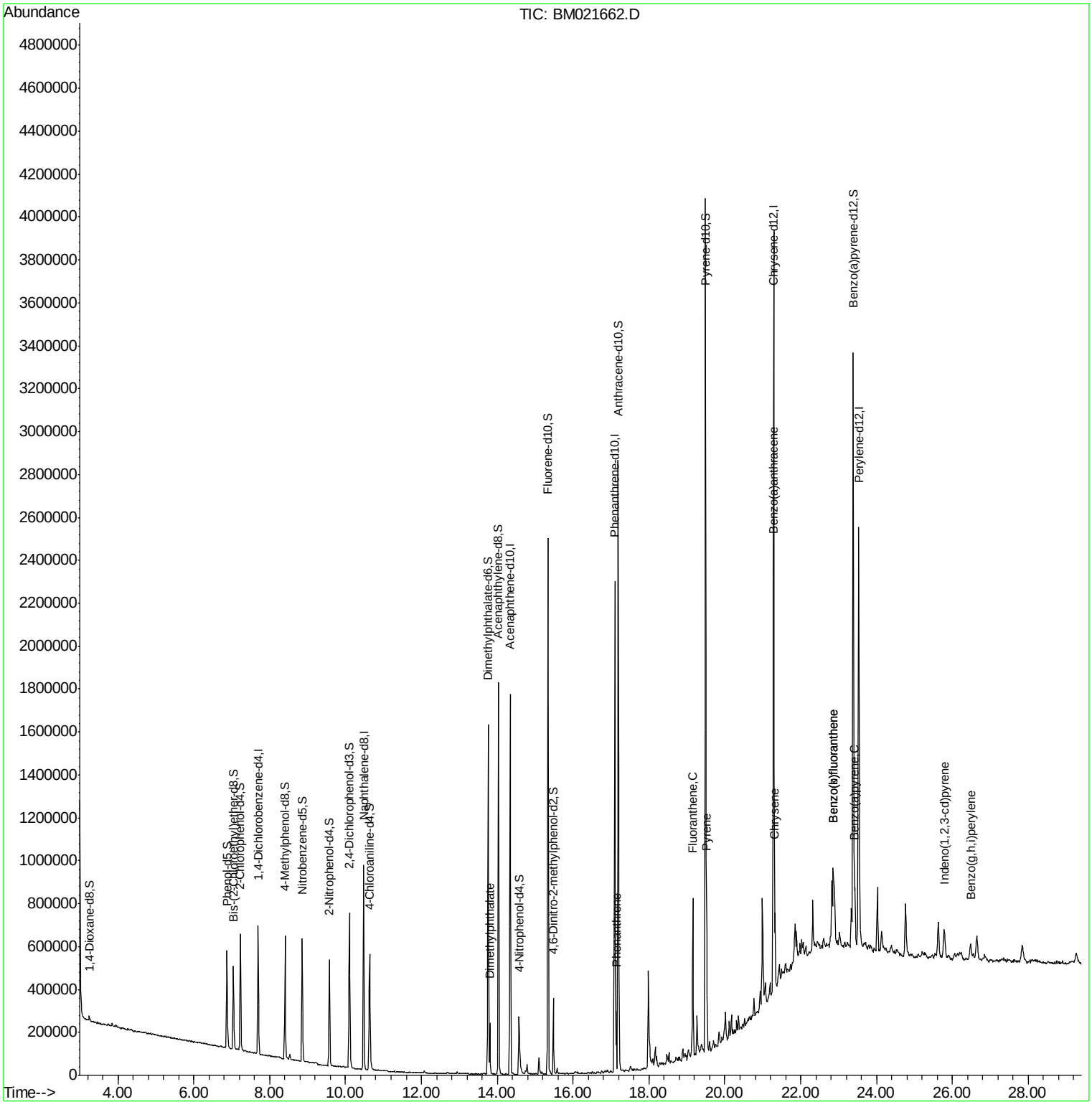
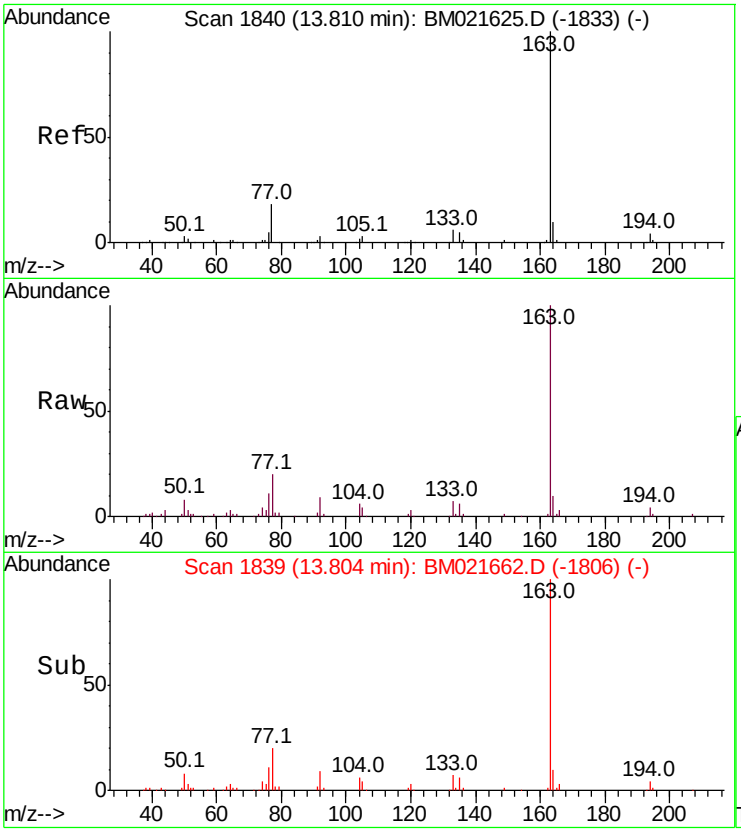
ClientSampleId :

Quant Time: Jul 26 08:31:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration



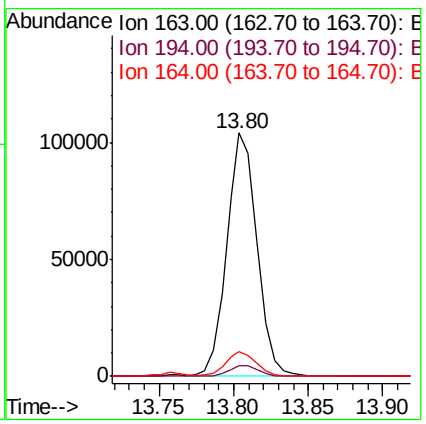


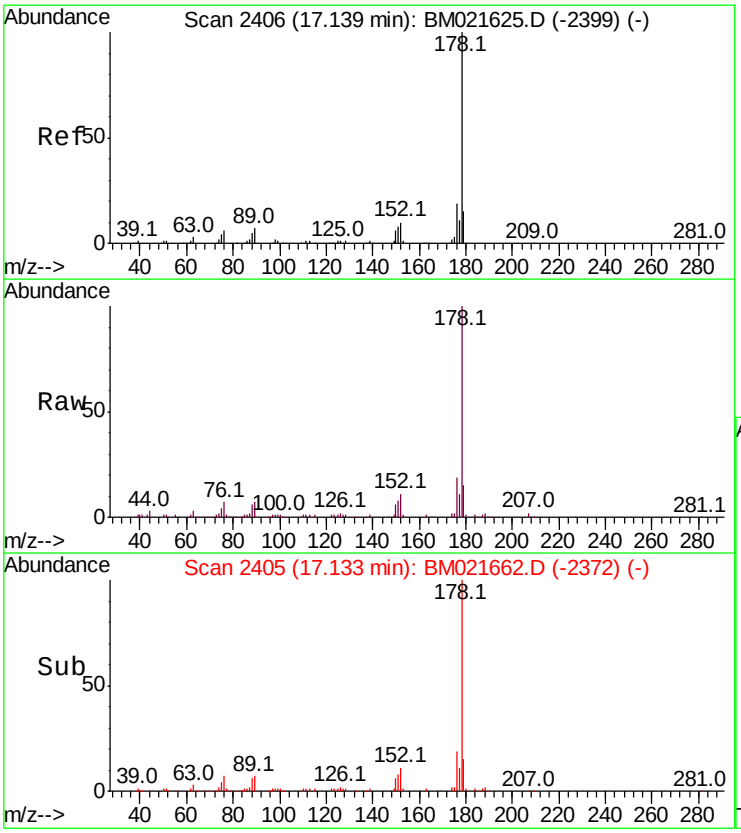
#44
Dimethylphthalate
Concen: 3.185 ng/ul
RT: 13.80 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 147244

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.2	4.8
164	10.4	8.2	12.4

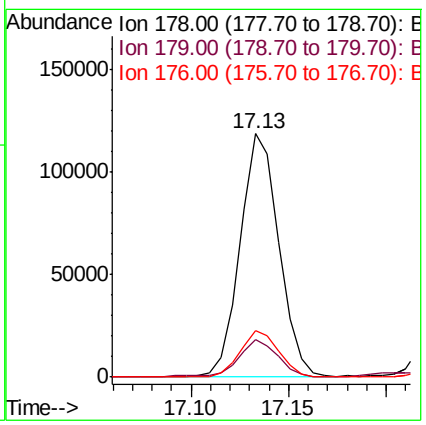


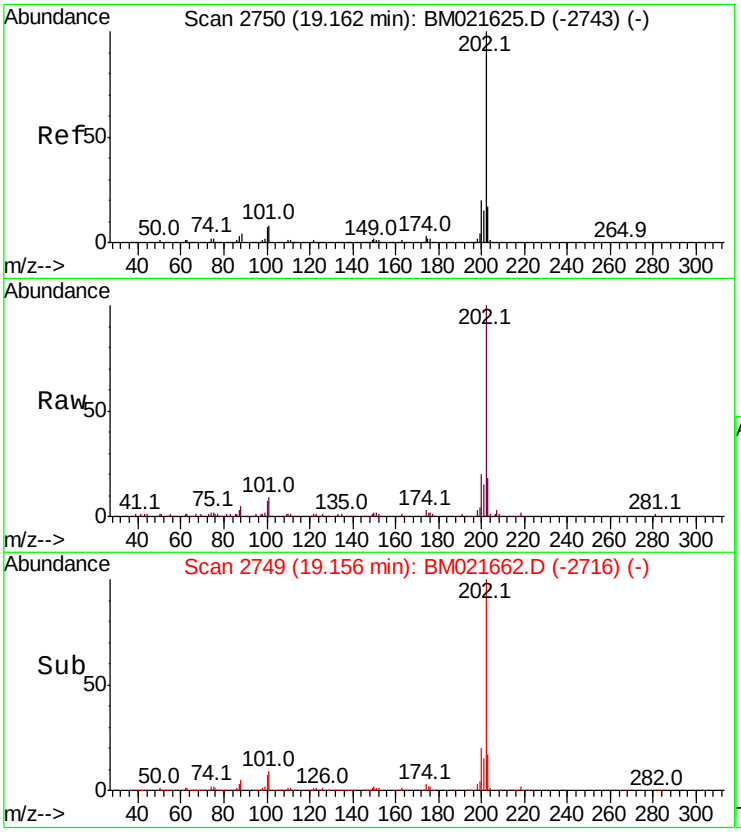


#69
Phenanthrene
Concen: 2.224 ng/ul
RT: 17.13 min Scan# 2405
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Tgt Ion:178 Resp: 161728

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.0	15.0	22.4



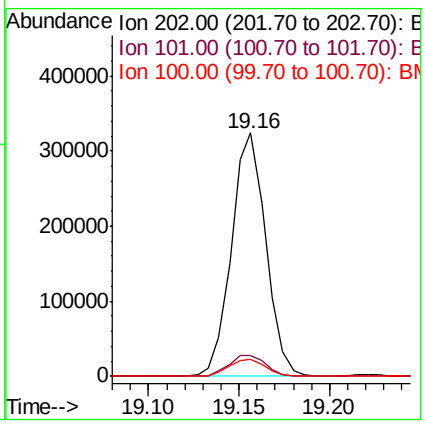


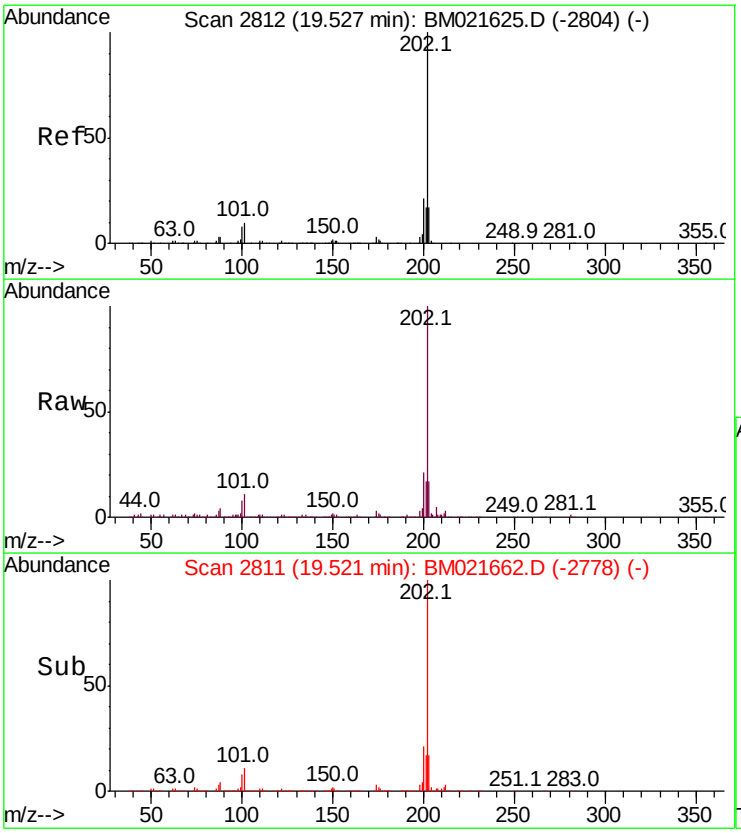
#76
Fluoranthene
Concen: 4.739 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 427177

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.2	10.8
100	6.8	5.6	8.4

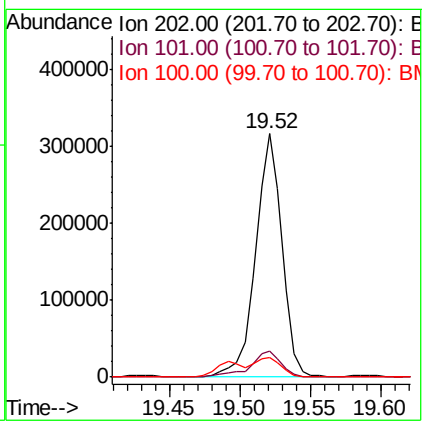


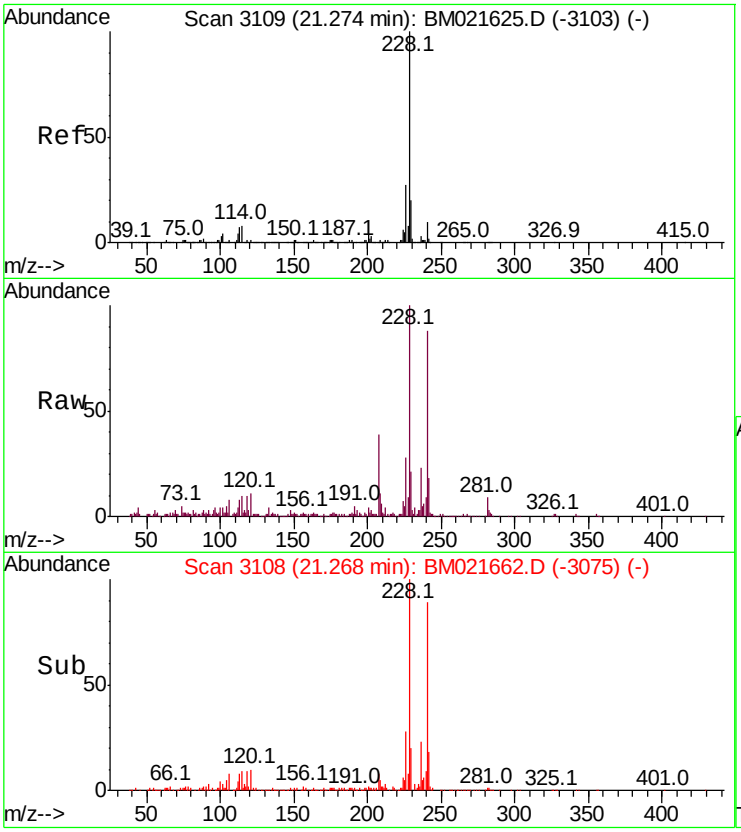


#79
Pyrene
Concen: 4.559 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Tgt Ion:202 Resp: 414789

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.6	13.0
100	8.2	7.1	10.7



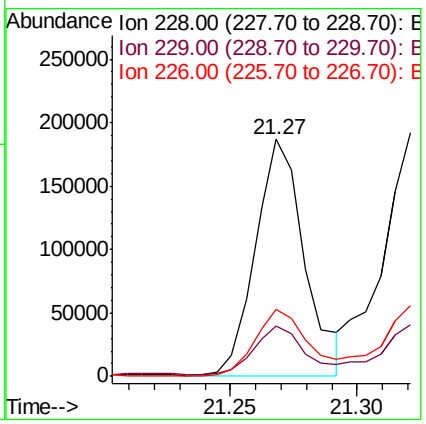


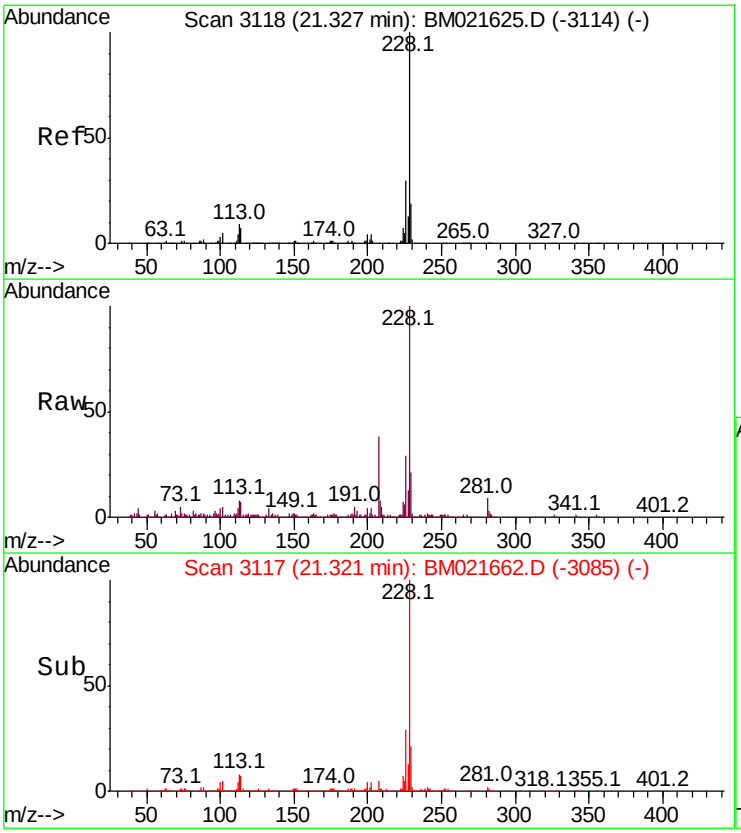
#82
Benzo(a)anthracene
Concen: 2.512 ng/ul
RT: 21.27 min Scan# 3108
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 251582

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	28.3	21.7	32.5

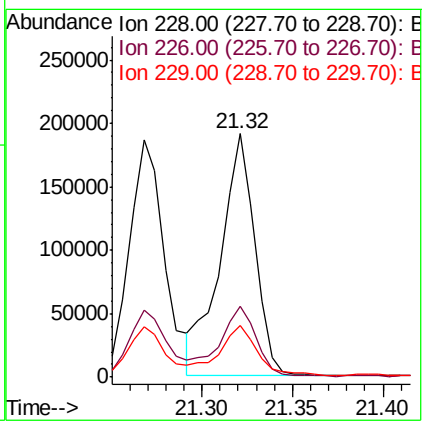


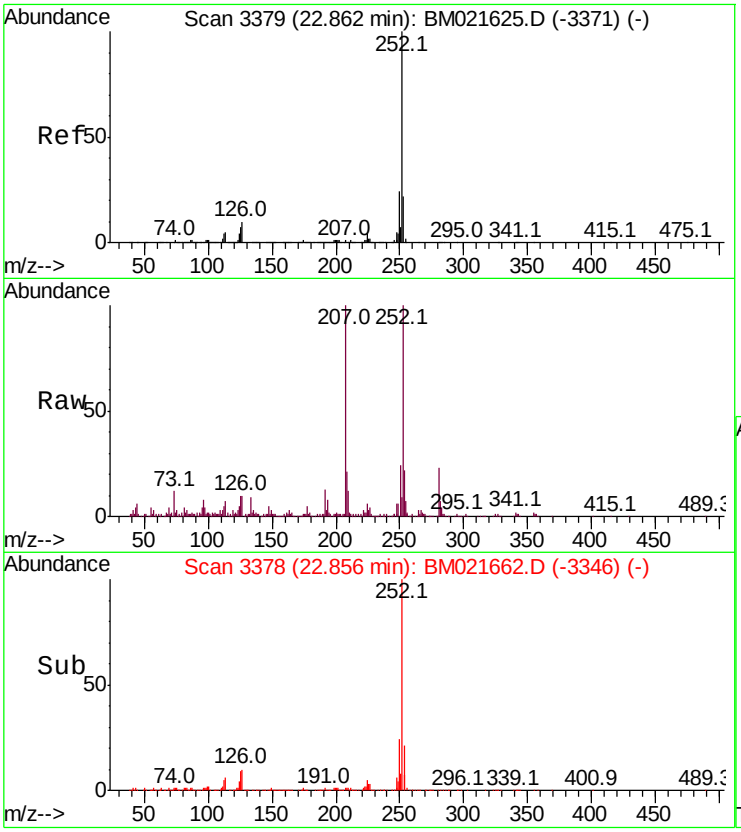


#84
Chrysene
Concen: 2.669 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Tgt Ion:228 Resp: 254926

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.2	36.2
229	21.2	15.4	23.2



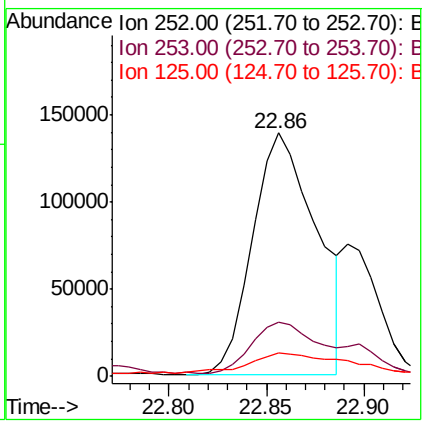


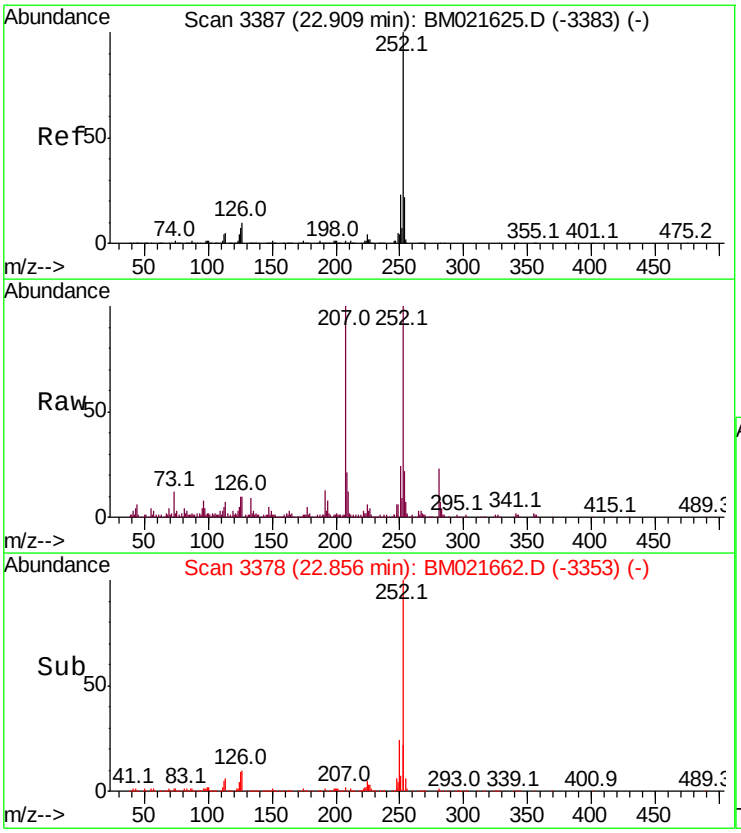
#87
Benzo(b)fluoranthene
Concen: 3.582 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 314247

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	9.8	5.8	8.6#

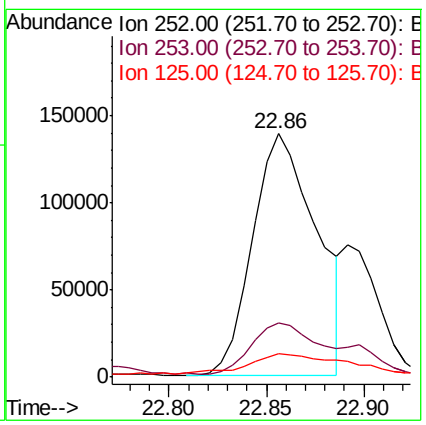


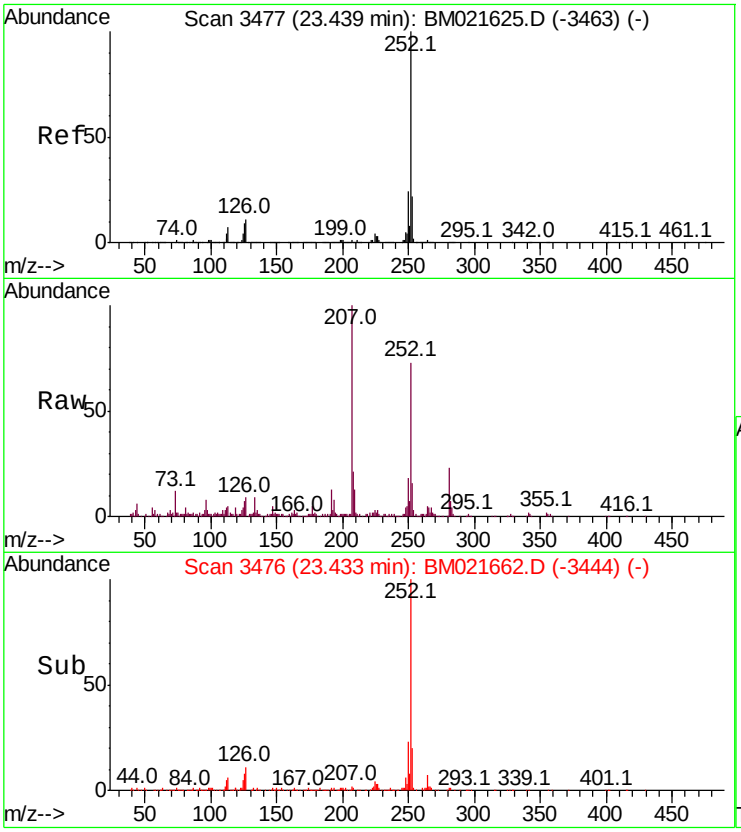


#88
Benzo(k)fluoranthene
Concen: 3.651 ng/ul
RT: 22.86 min Scan# 3378
Delta R.T. -0.05 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Tgt Ion:252 Resp: 314247

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.7	26.5
125	9.8	6.4	9.6#



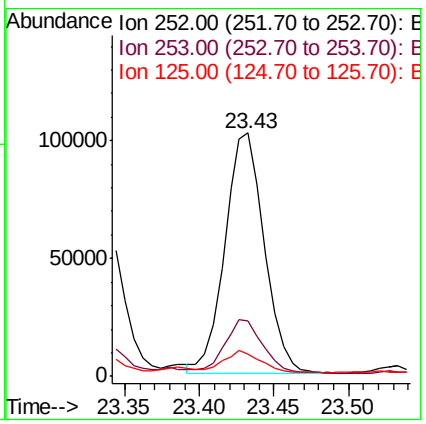


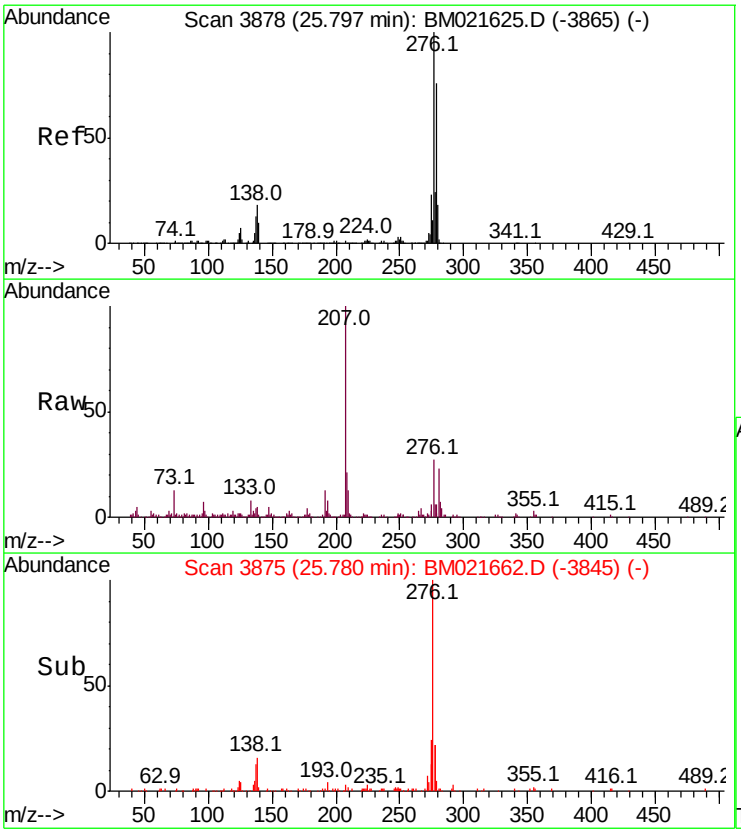
#90
Benzo(a)pyrene
Concen: 2.217 ng/ul
RT: 23.43 min Scan# 3476
Delta R.T. -0.01 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 186732

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.8	26.6
125	9.3	7.0	10.4

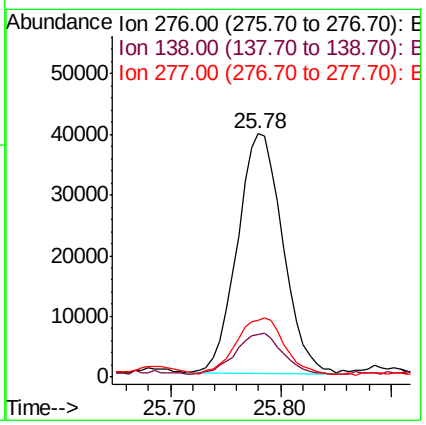


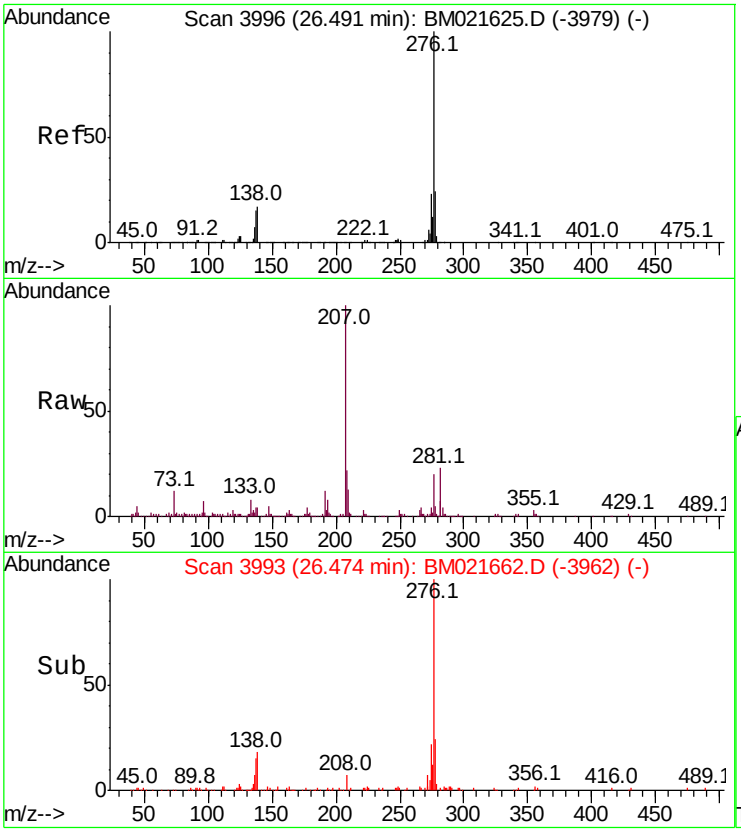


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.120 ng/ul
RT: 25.78 min Scan# 3875
Delta R.T. -0.02 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Tgt Ion:276 Resp: 114545

Ion	Ratio	Lower	Upper
276	100		
138	17.6	15.2	22.8
277	23.4	20.2	30.2





#93
Benzo(g,h,i)perylene
Concen: 1.102 ng/ul
RT: 26.47 min Scan# 3993
Delta R.T. -0.02 min
Lab File: BM021662.D
Acq: 26 Jul 2019 07:22

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 91339

Ion	Ratio	Lower	Upper
276	100		
138	19.5	13.7	20.5
277	25.5	19.0	28.6