Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031720\
Data File : BM025618.D
Acq On : 17 Mar 2020 19:45
Operator : CG/JU
Sample : L1516-04DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 18 01:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2529	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	9834	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	6289	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	14773	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15418	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	15723	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	682	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1698	0.04	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.94	152	682	0.027	ng/ul#	76
8) Acenaphthene	14.29	153	11525	0.511	ng/ul	99
9) Fluorene	15.28	166	8512	0.310	ng/ul	99
12) Phenanthrene	17.01	178	33000	0.705	ng/ul	99
13) Anthracene	17.10	178	3728	0.092	ng/ul#	95
15) Fluoranthene	19.03	202	50235	0.990	ng/ul	98
17) Pyrene	19.39	202	33751	0.488	ng/ul	97
18) Benzo(a)anthracene	21.14	228	5405	0.098	ng/ul	98
19) Chrysene	21.19	228	5212	0.084	ng/ul	98
21) Benzo(b)fluoranthene	22.67	252	4098	0.066	ng/ul#	54
22) Benzo(k)fluoranthene	22.67	252	4098	0.063	ng/ul#	54
23) Benzo(a)pyrene	23.21	252	1125	0.022	ng/ul#	19

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

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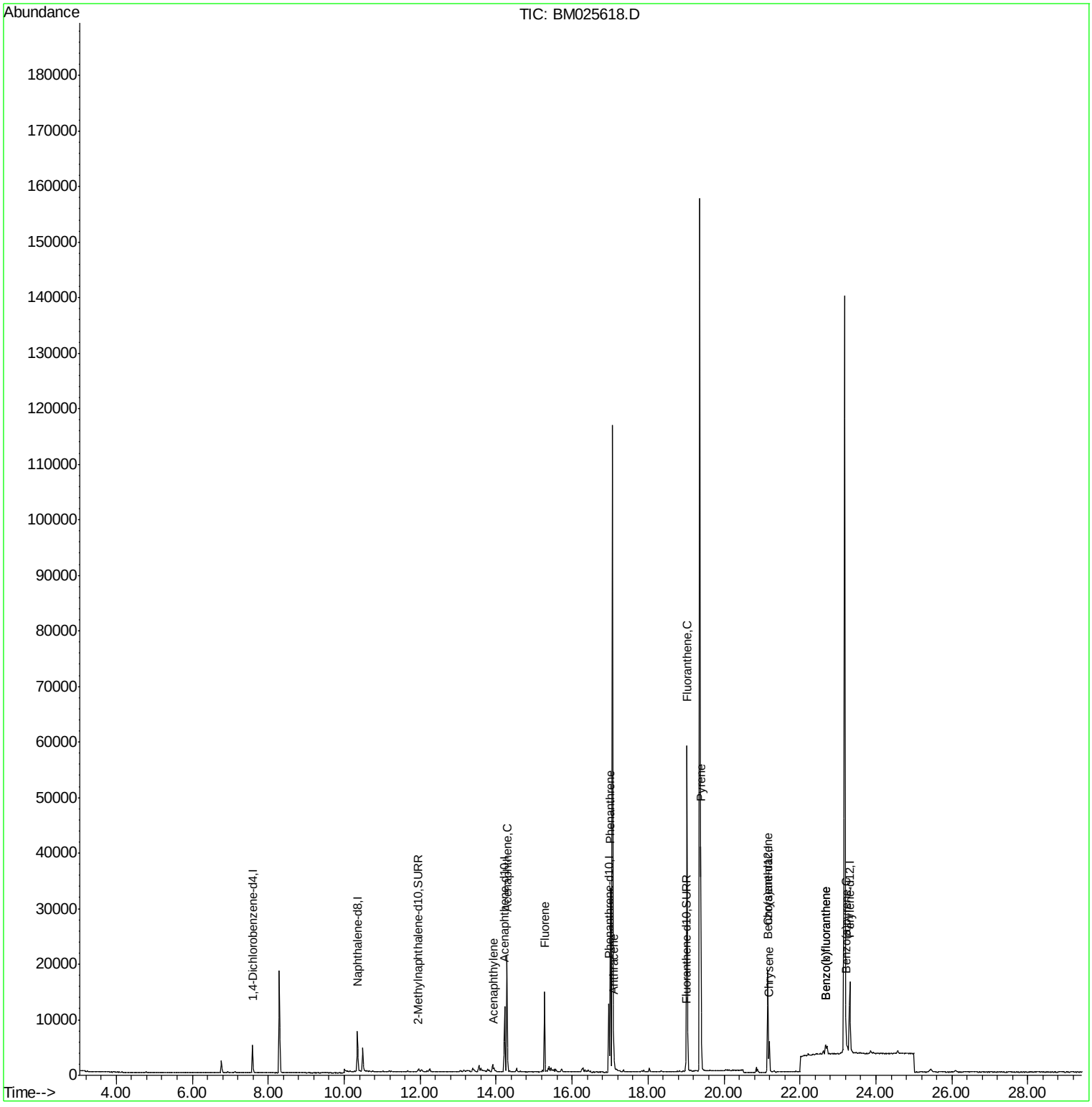
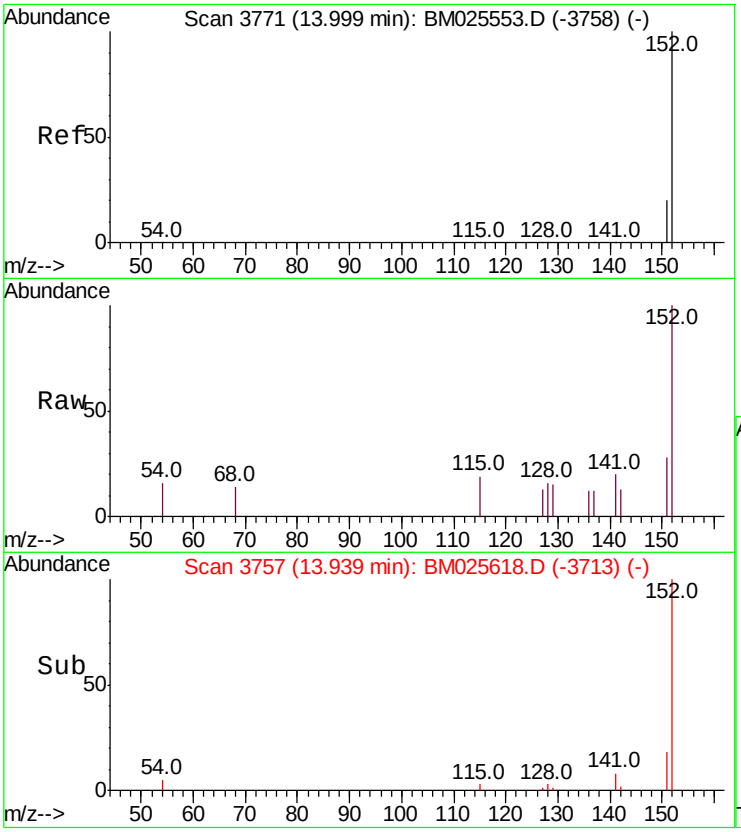
BNA_M
ClientSampleId :

Quant Time: Mar 18 01:16:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 17 17:05:05 2020
Response via : Initial Calibration



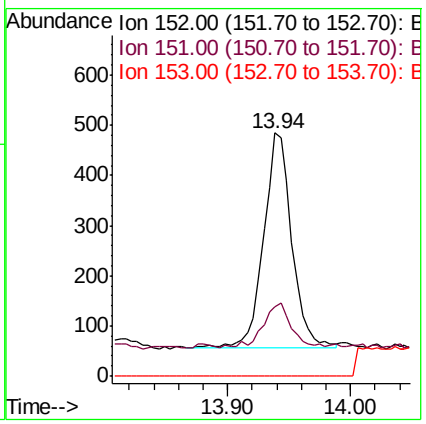


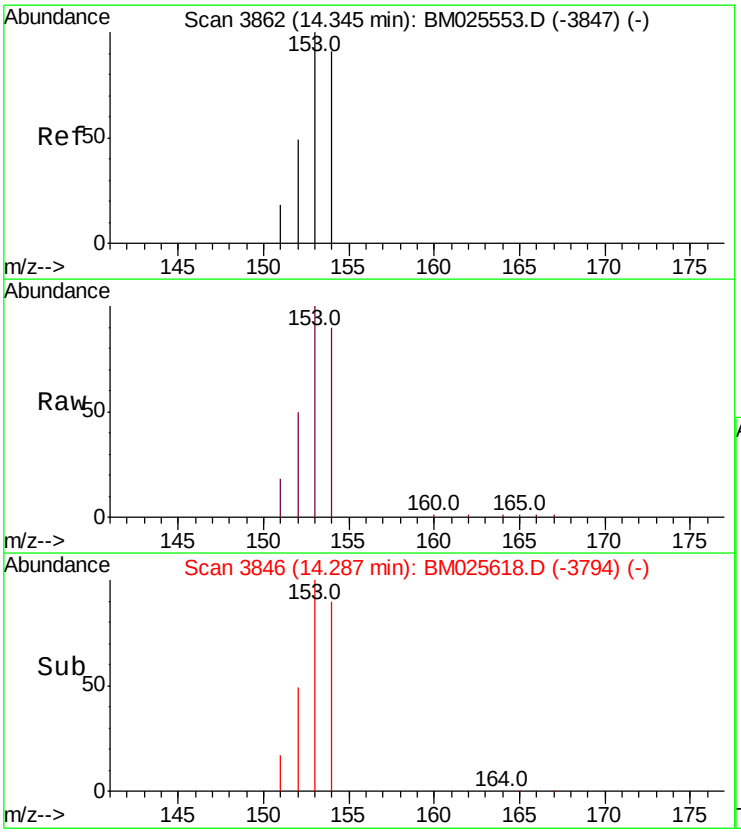
#7
Acenaphthylene
Concen: 0.027 ng/ul
RT: 13.94 min Scan# 3757
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 682

Ion	Ratio	Lower	Upper
152	100		
151	28.2	16.2	24.2#
153	0.0	10.6	16.0#

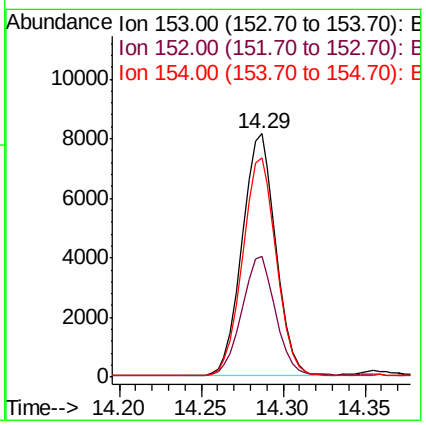


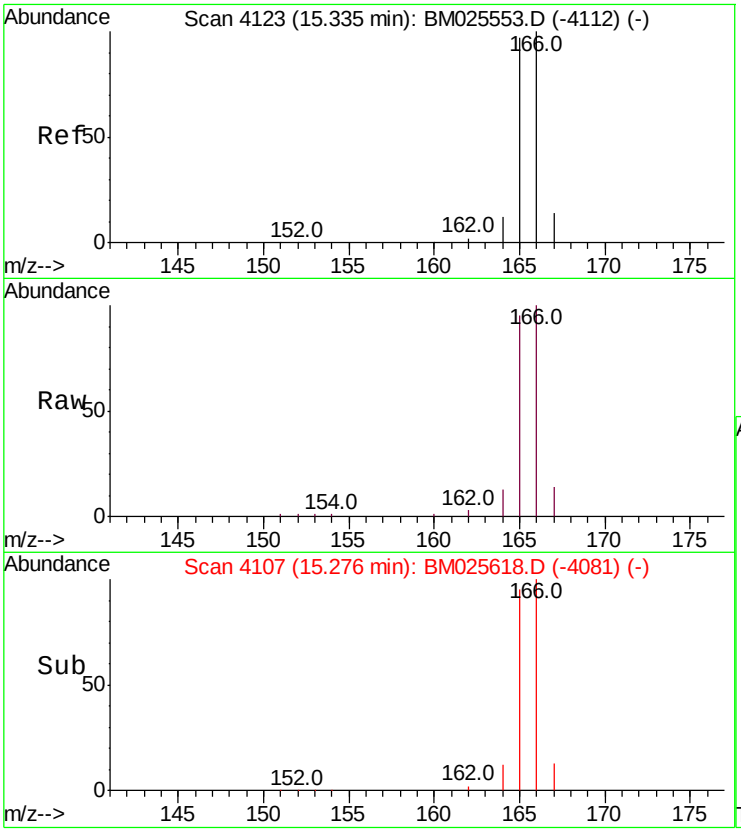


#8
Acenaphthene
Concen: 0.511 ng/ul
RT: 14.29 min Scan# 3846
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:153 Resp: 11525

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.5	59.3
154	90.2	71.7	107.5



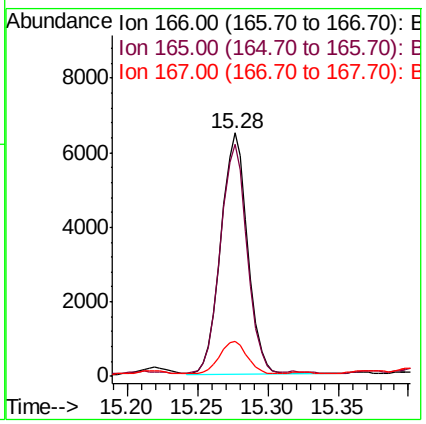


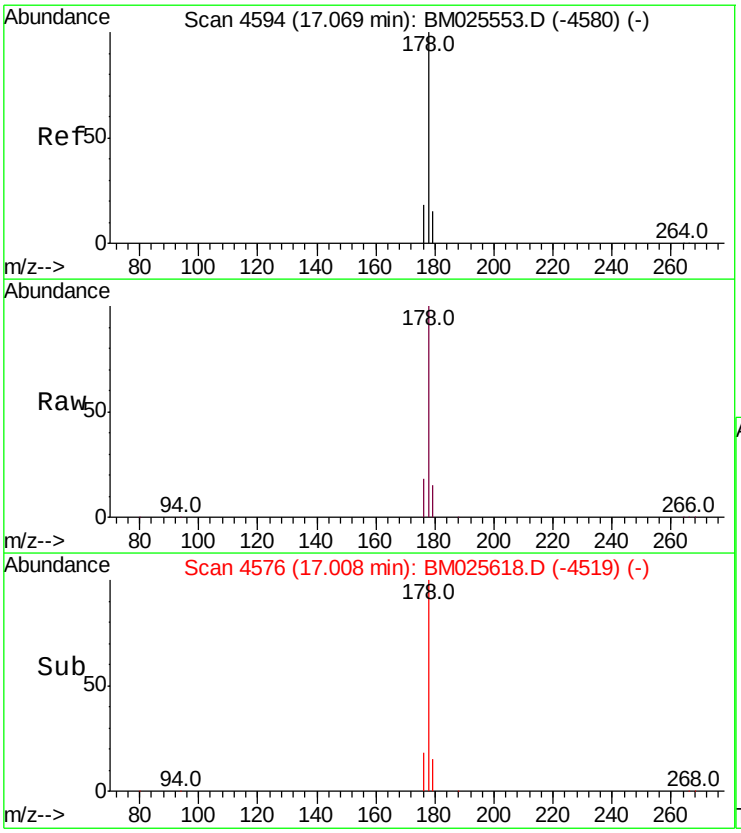
#9
Fluorene
Concen: 0.310 ng/ul
RT: 15.28 min Scan# 4107
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:166 Resp: 8512

Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.8	115.2
167	14.5	11.2	16.8

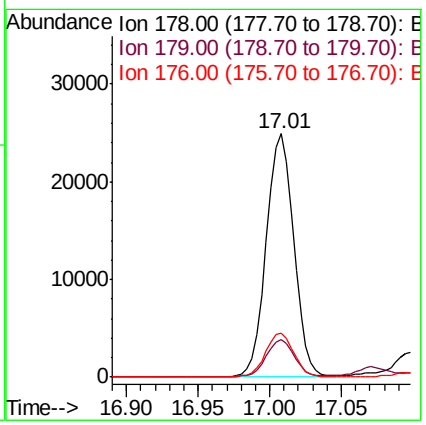


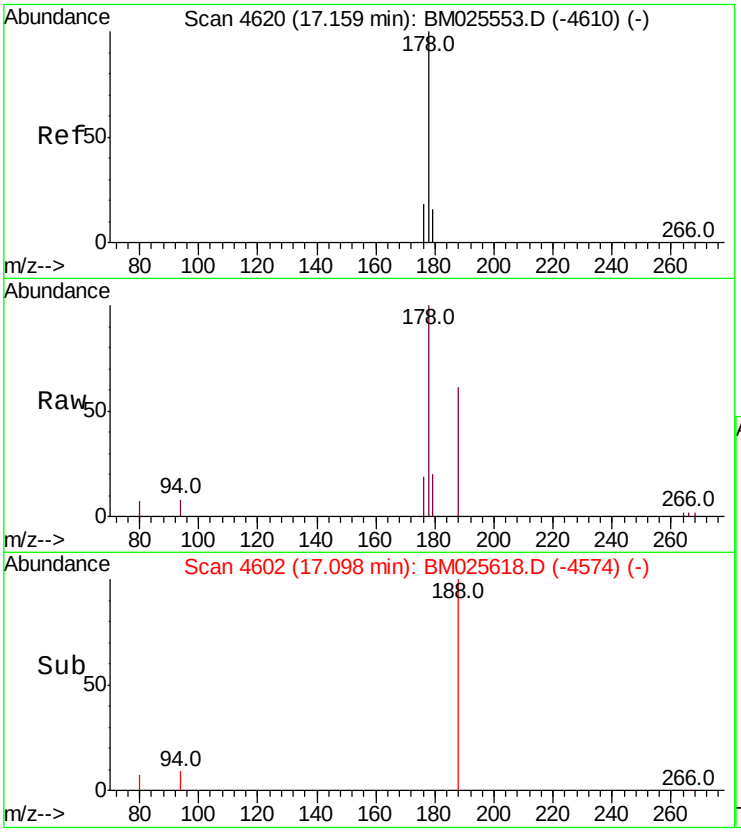


#12
Phenanthrene
Concen: 0.705 ng/ul
RT: 17.01 min Scan# 4576
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:178 Resp: 33000

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.4	18.6
176	18.2	14.8	22.2



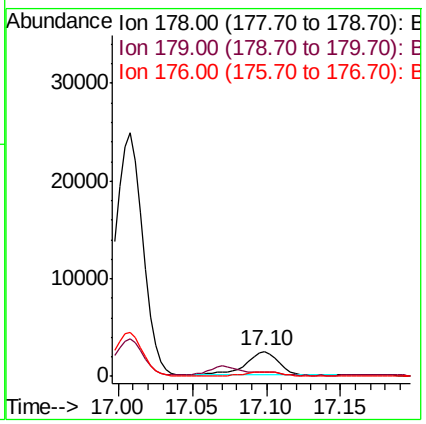


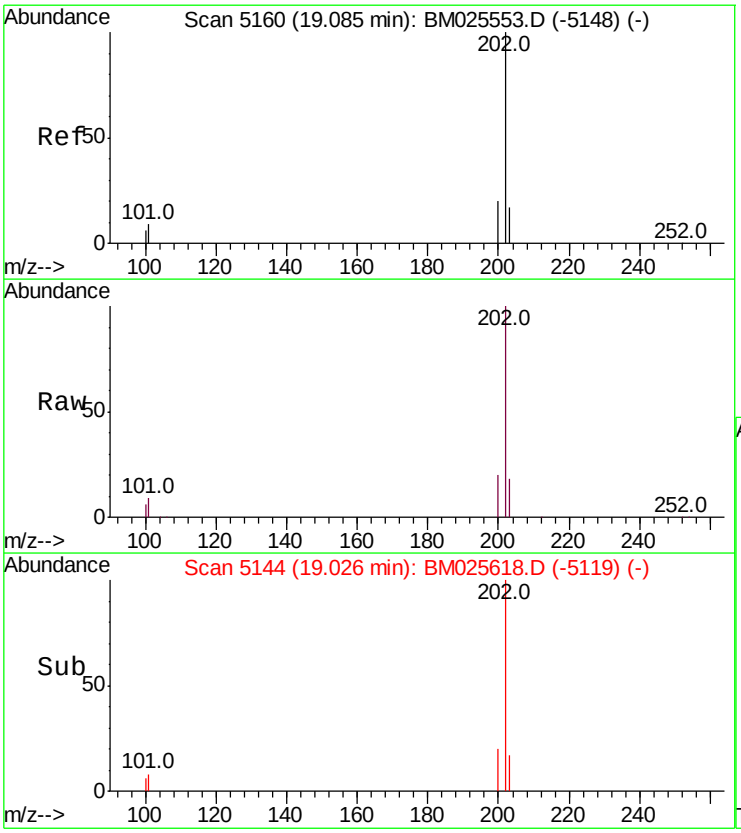
#13
Anthracene
Concen: 0.092 ng/ul
RT: 17.10 min Scan# 4602
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 3728

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.6	18.8#
176	18.9	14.5	21.7

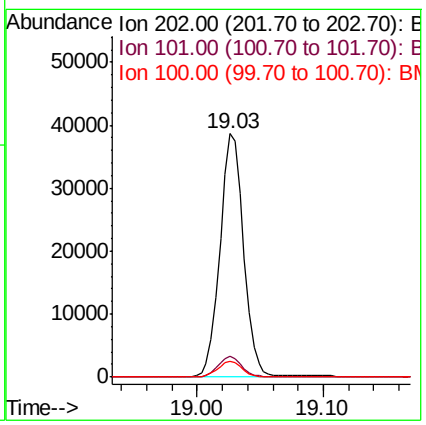


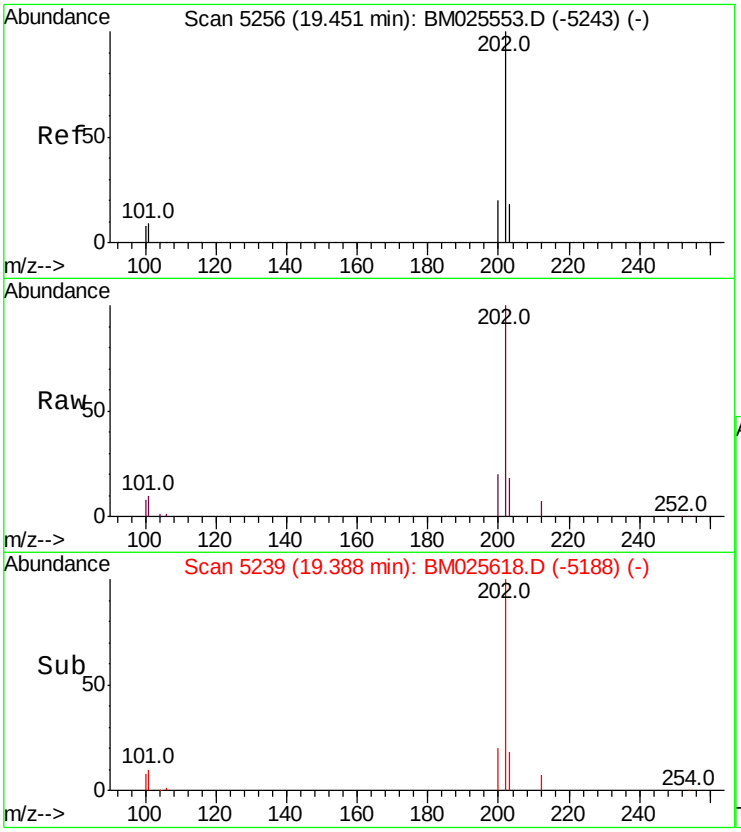


#15
Fluoranthene
Concen: 0.990 ng/ul
RT: 19.03 min Scan# 5144
Delta R.T. -0.01 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:202 Resp: 50235

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	27.5
100	6.4	0.0	26.0



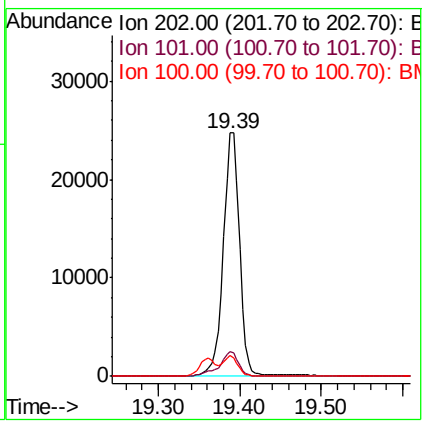


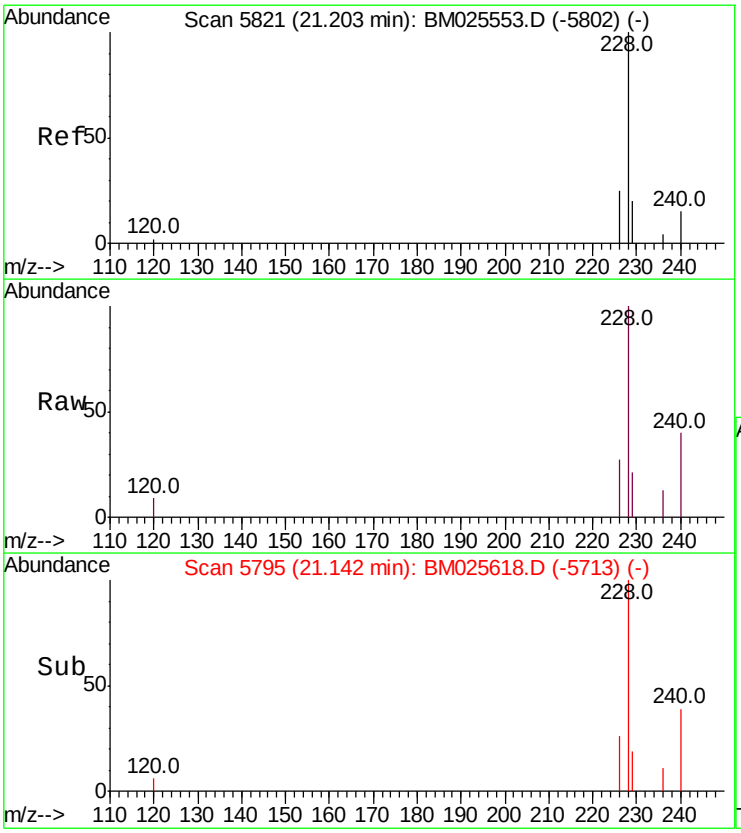
#17
Pyrene
Concen: 0.488 ng/ul
RT: 19.39 min Scan# 5239
Delta R.T. -0.01 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 33751

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.1	10.7
100	8.5	6.0	9.0

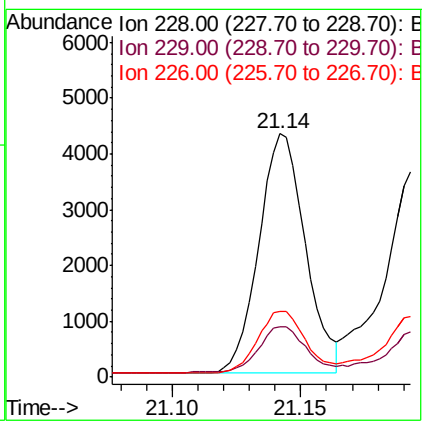


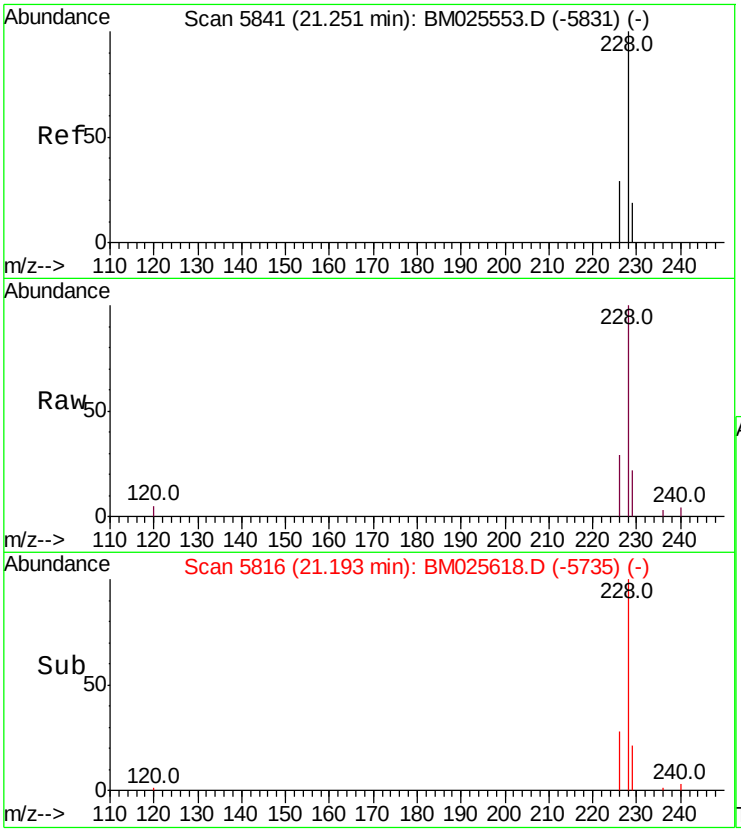


#18
Benzo(a)anthracene
Concen: 0.098 ng/ul
RT: 21.14 min Scan# 5795
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:228 Resp: 5405

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.1	21.1	31.7



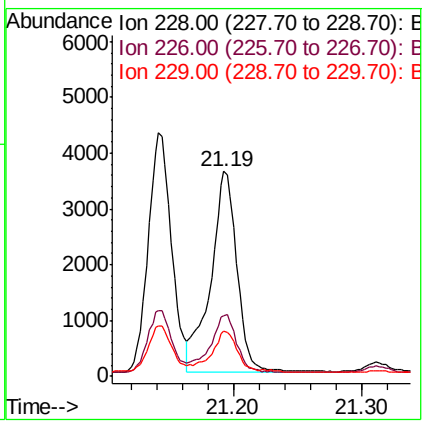


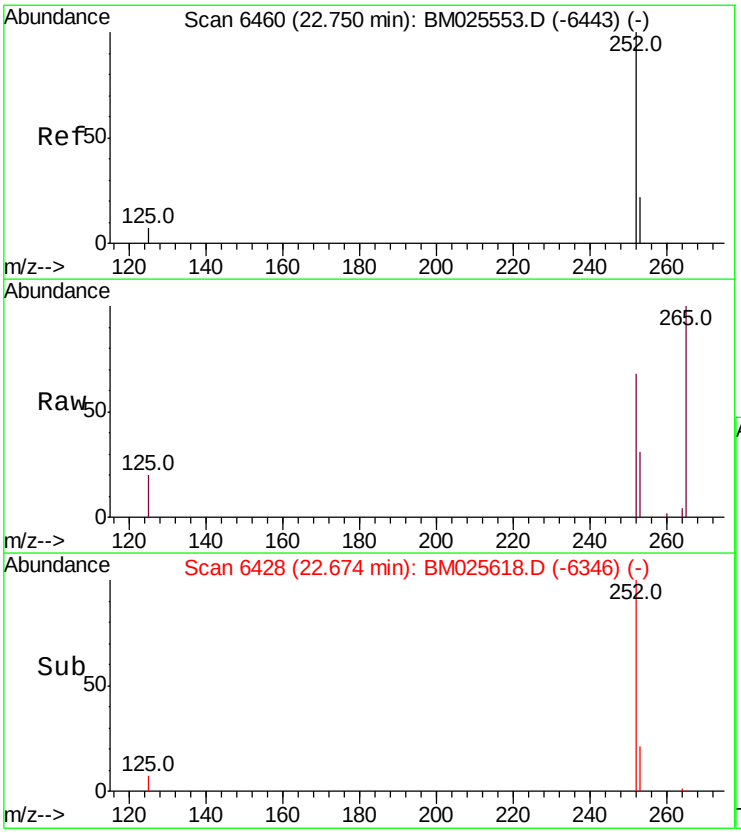
#19
Chrysene
Concen: 0.084 ng/ul
RT: 21.19 min Scan# 5816
Delta R.T. -0.01 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 5212

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.6	35.4
229	22.1	16.3	24.5

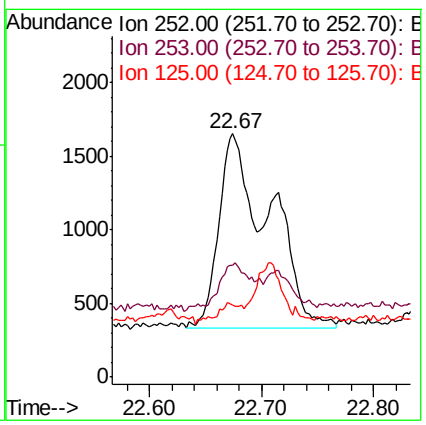


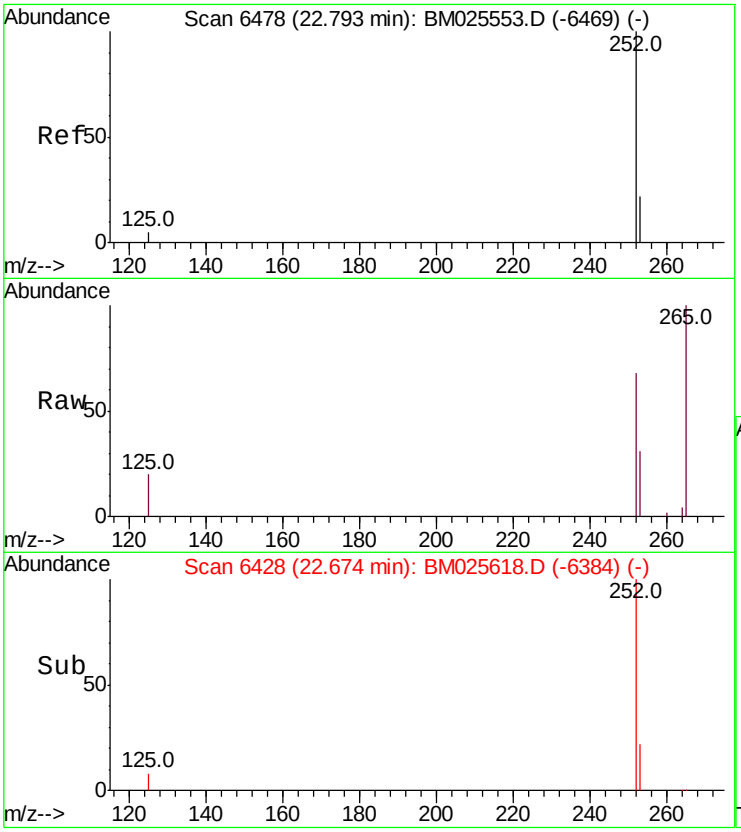


#21
Benzo(b)fluoranthene
Concen: 0.066 ng/ul
RT: 22.67 min Scan# 6428
Delta R.T. -0.00 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:252 Resp: 4098

Ion	Ratio	Lower	Upper
252	100		
253	46.0	0.0	50.2
125	29.7	0.0	17.6#



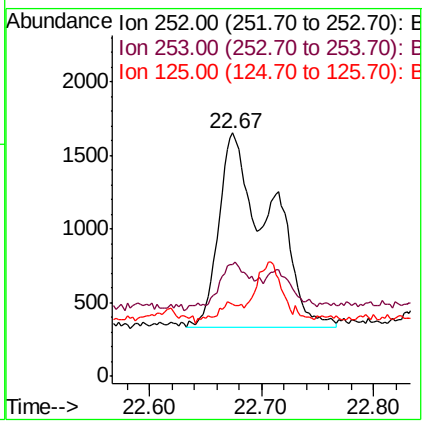


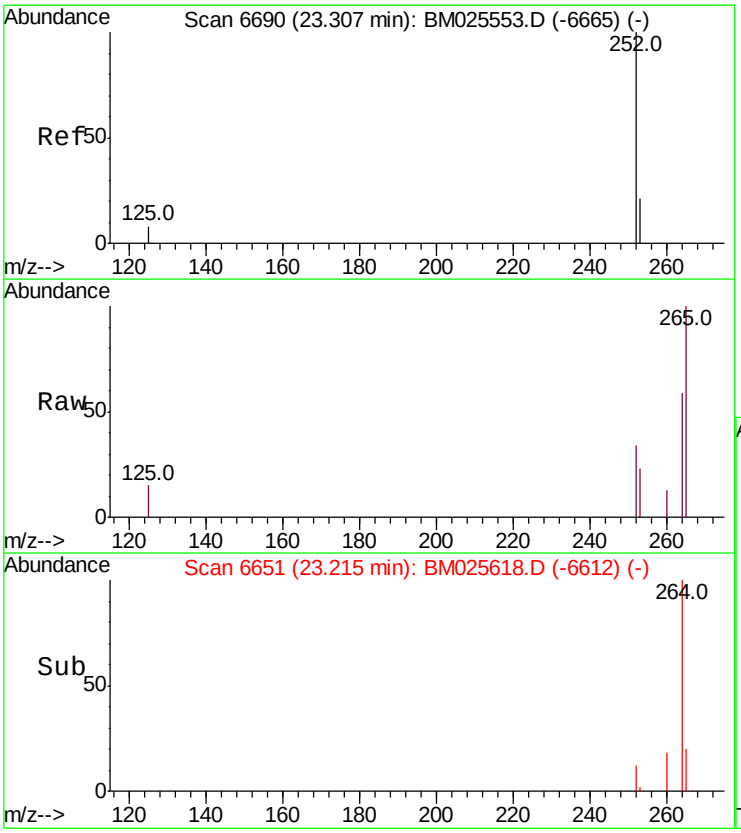
#22
Benzo(k)fluoranthene
Concen: 0.063 ng/ul
RT: 22.67 min Scan# 6428
Delta R.T. -0.04 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 4098

Ion	Ratio	Lower	Upper
252	100		
253	46.0	19.8	29.8#
125	29.7	7.1	10.7#





#23
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.21 min Scan# 6651
Delta R.T. -0.01 min
Lab File: BM025618.D
Acq: 17 Mar 2020 19:45

Tgt Ion:252 Resp: 1125

Ion	Ratio	Lower	Upper
252	100		
253	66.5	21.3	31.9#
125	44.2	8.5	12.7#