Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025468.D
Acq On : 11 Mar 2020 00:31
Operator : CG/JU
Sample : L1617-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 11 02:31:42 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 10 23:48:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	2414	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	9811	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	7093	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	15721	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	10904	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	11086	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5686	0.32	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	14224	0.33	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.07	178	1345	0.027	ng/ul#	87
13) Anthracene	17.16	178	957	0.022	ng/ul#	81
15) Fluoranthene	19.09	202	1771	0.033	ng/ul	87
17) Pyrene	19.45	202	2316m	0.047	ng/ul	
18) Benzo(a)anthracene	21.20	228	796	0.020	ng/ul#	78
19) Chrysene	21.25	228	1160	0.026	ng/ul#	89
21) Benzo(b)fluoranthene	22.76	252	1544m	0.035	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	1074m	0.023	ng/ul	
23) Benzo(a)pyrene	23.30	252	787	0.022	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.58	276	1170	0.024	ng/ul#	63
26) Benzo(g,h,i)perylene	26.24	276	1249	0.029	ng/ul#	72

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

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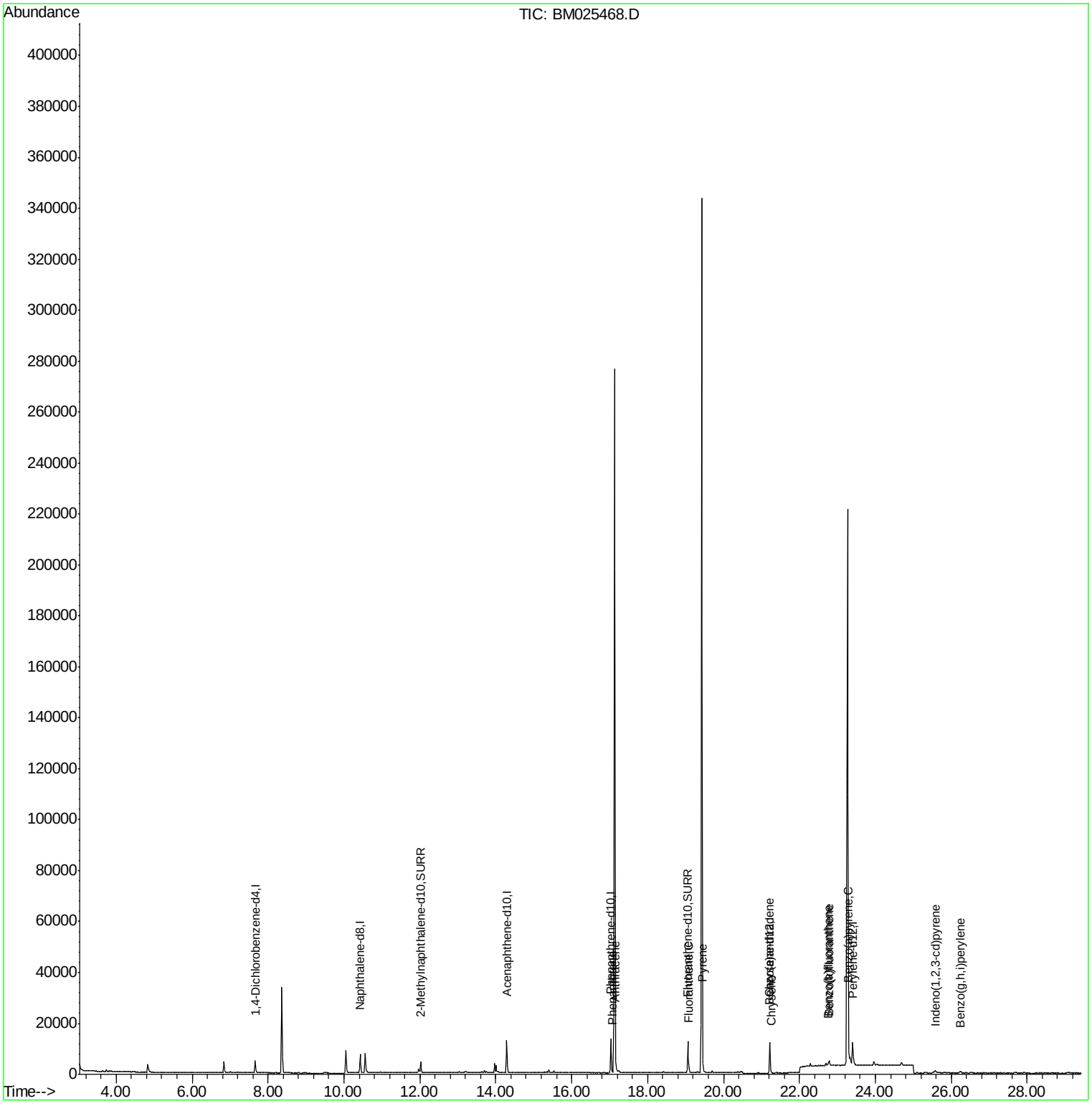
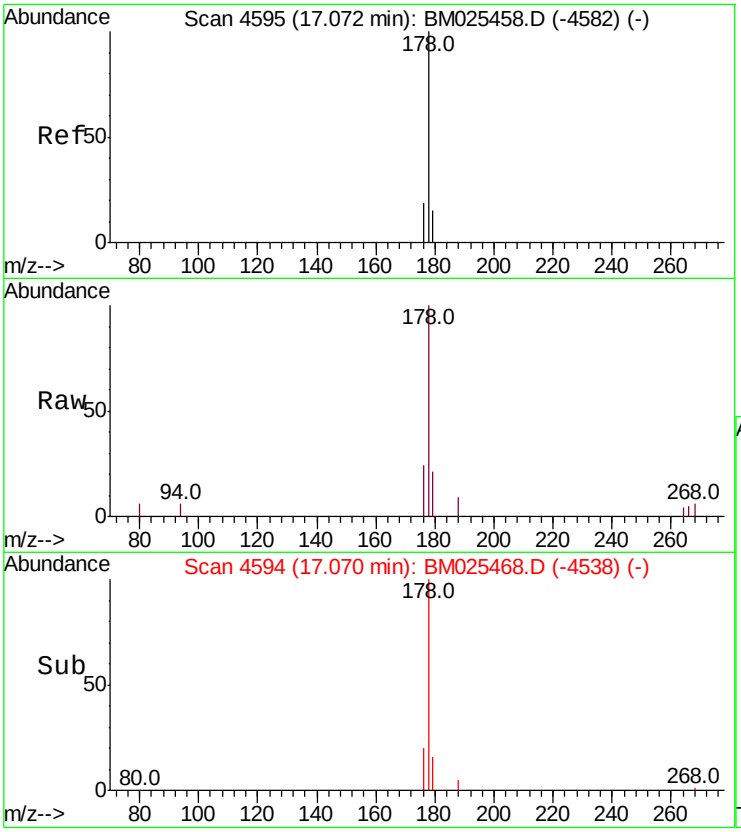


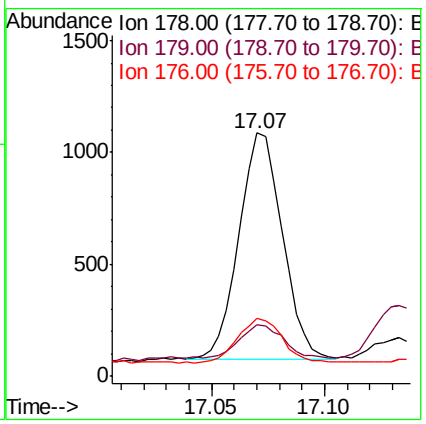


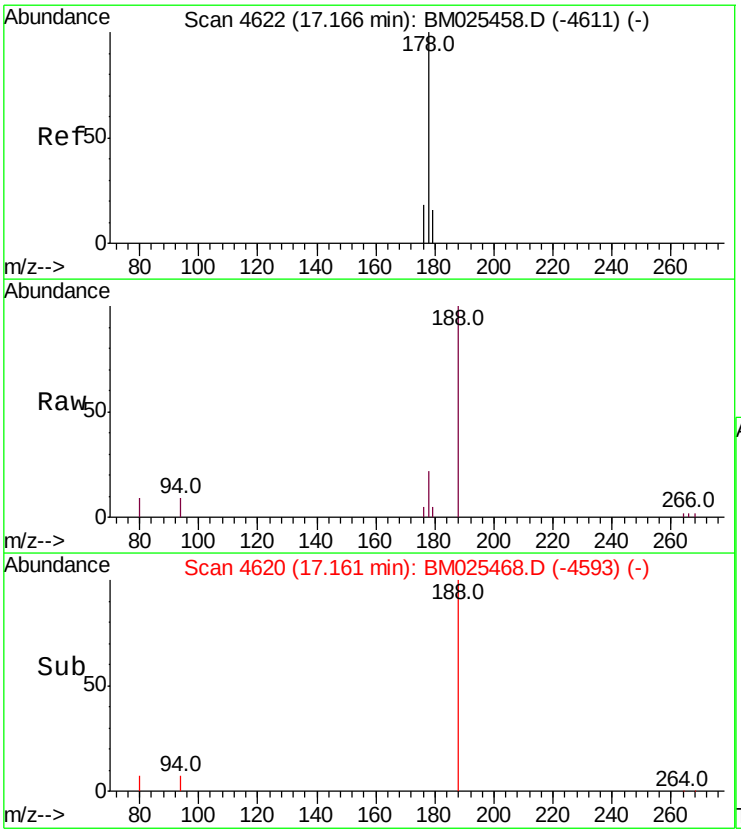
#12
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 1345

Ion	Ratio	Lower	Upper
178	100		
179	21.4	12.4	18.6#
176	23.8	14.8	22.2#

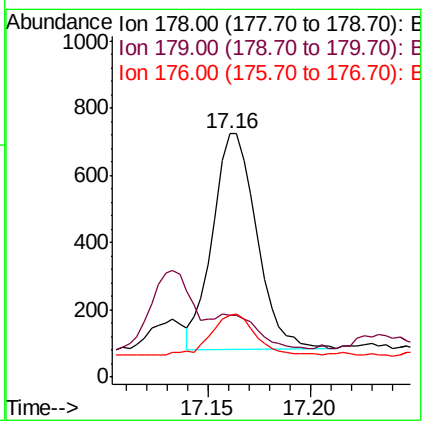


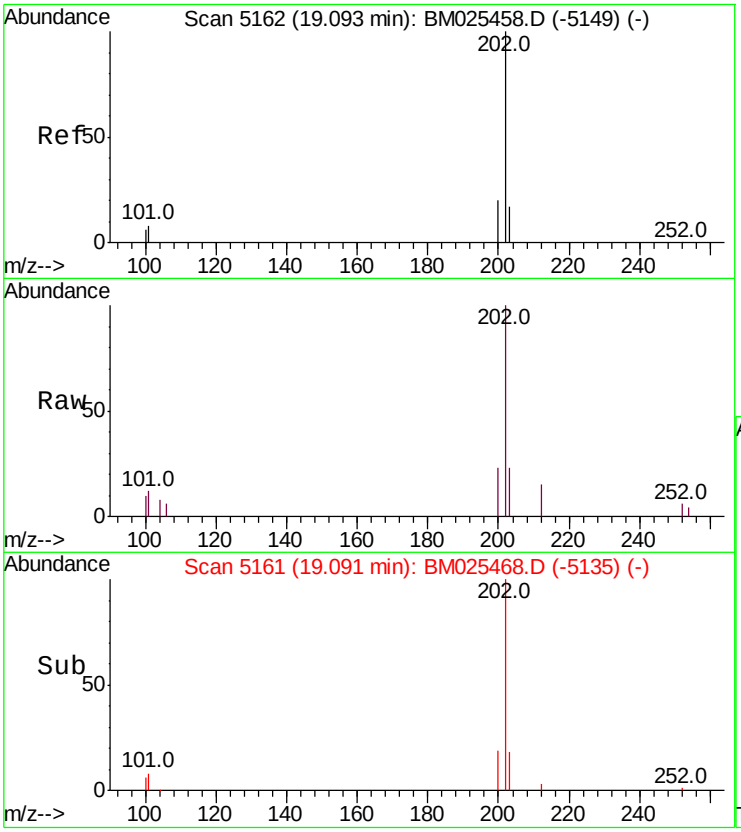


#13
Anthracene
Concen: 0.022 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.01 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Tgt Ion:178 Resp: 957

Ion	Ratio	Lower	Upper
178	100		
179	25.4	12.6	18.8#
176	25.3	14.5	21.7#



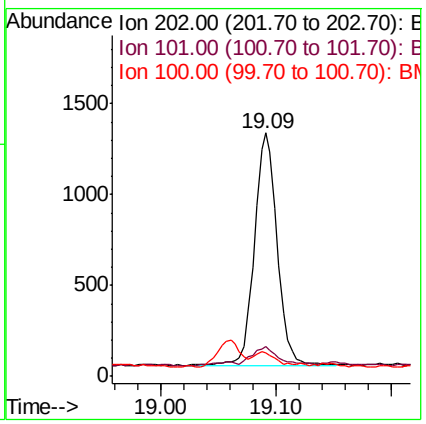


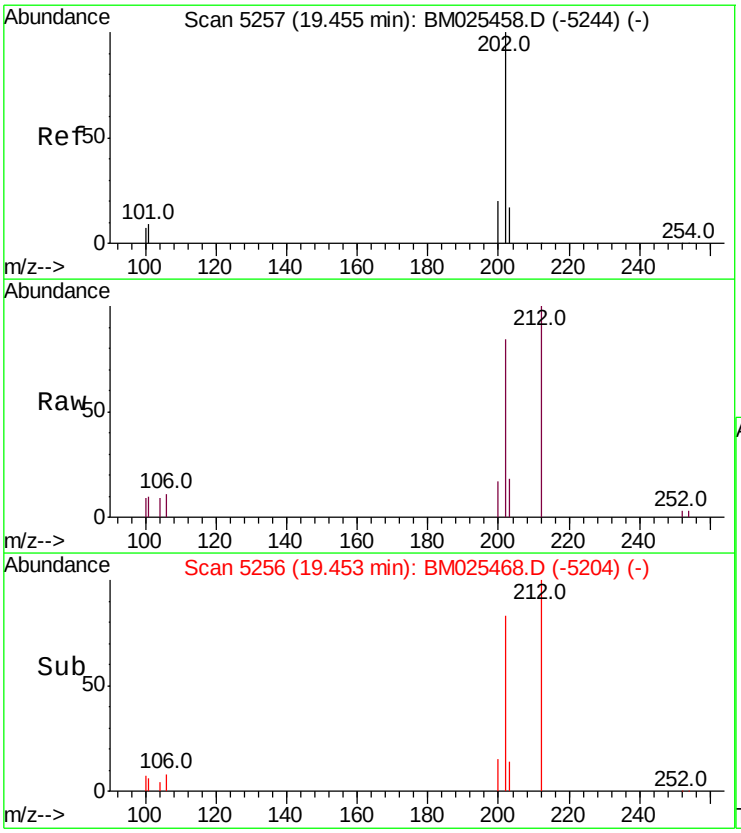
#15
Fluoranthene
Concen: 0.033 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1771

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	27.5
100	9.9	0.0	26.0

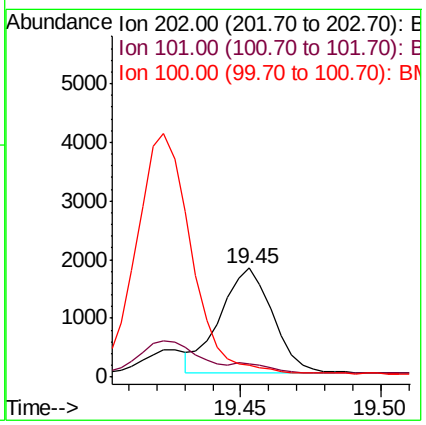


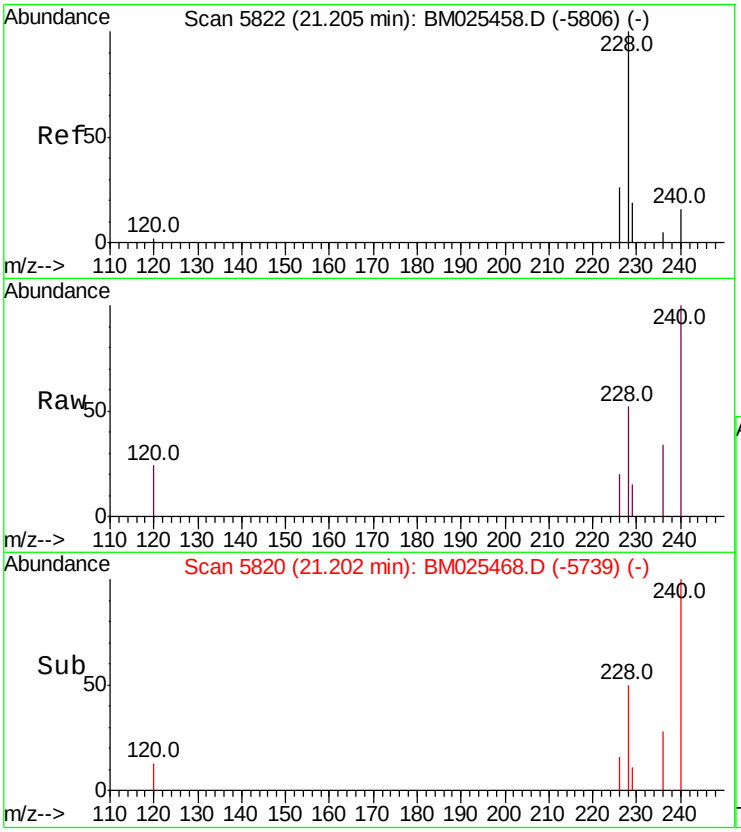


#17
Pyrene
Concen: 0.047 ng/ul m
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Tgt Ion:202 Resp: 2316

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.1	10.7#
100	10.7	6.0	9.0#



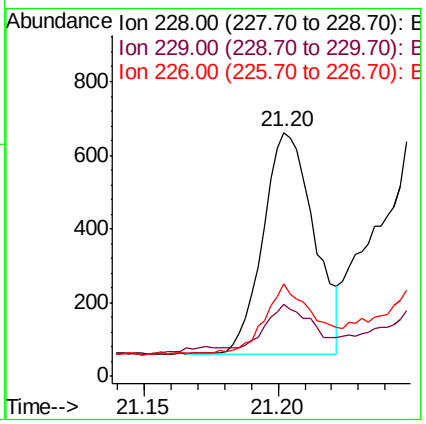


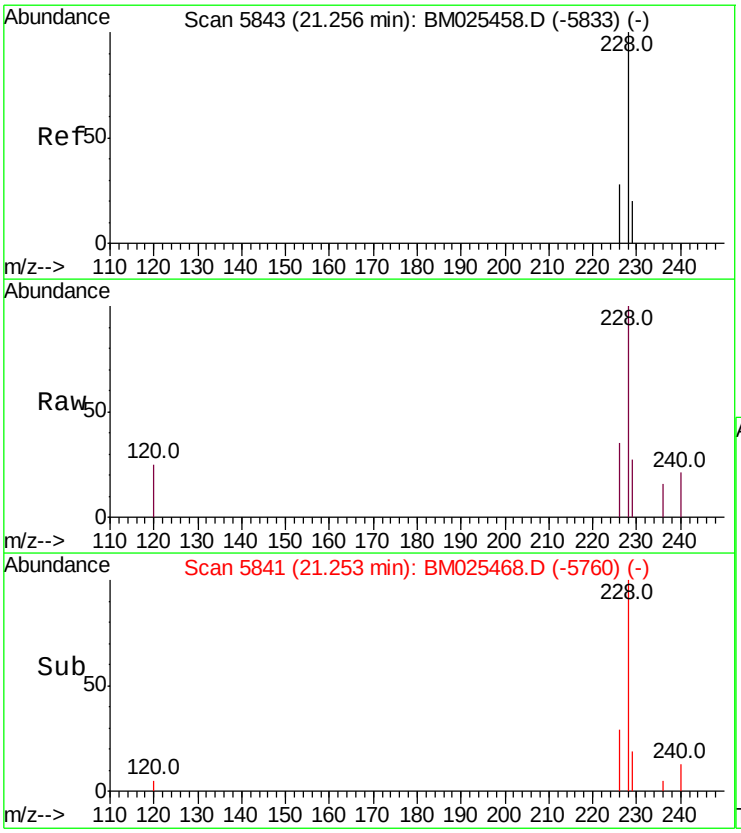
#18
Benzo(a)anthracene
Concen: 0.020 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 796

Ion	Ratio	Lower	Upper
228	100		
229	29.3	15.6	23.4#
226	38.0	21.1	31.7#

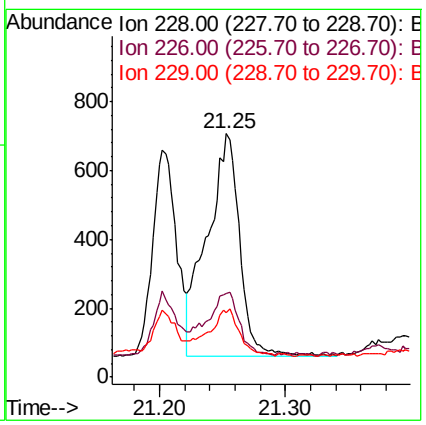


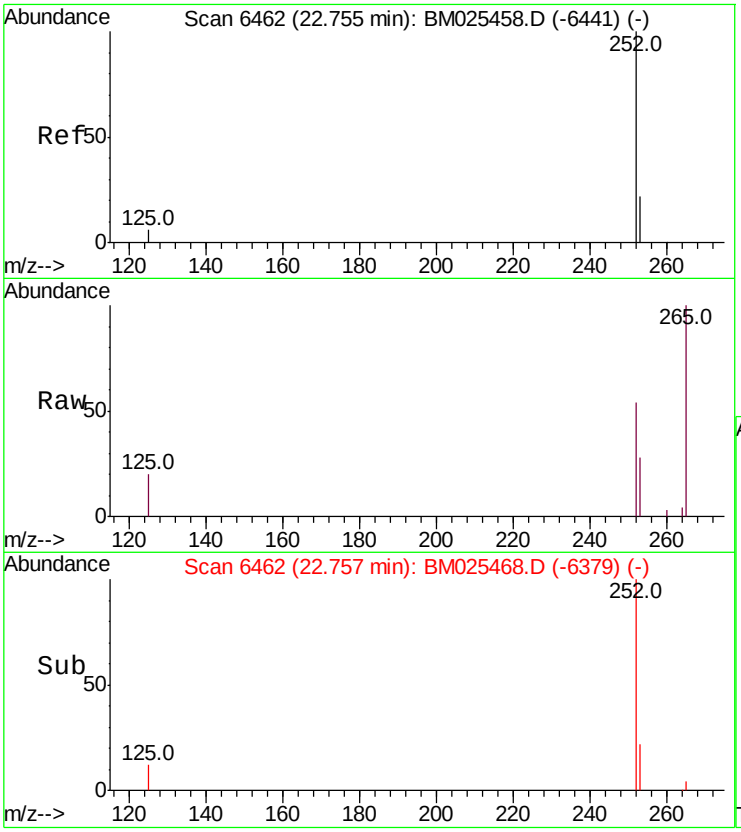


#19
Chrysene
Concen: 0.026 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Tgt Ion:228 Resp: 1160

Ion	Ratio	Lower	Upper
228	100		
226	34.5	23.6	35.4
229	26.7	16.3	24.5#



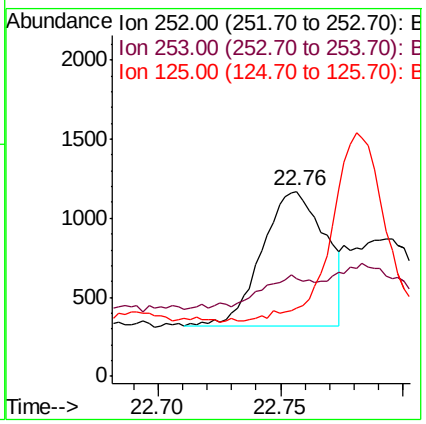


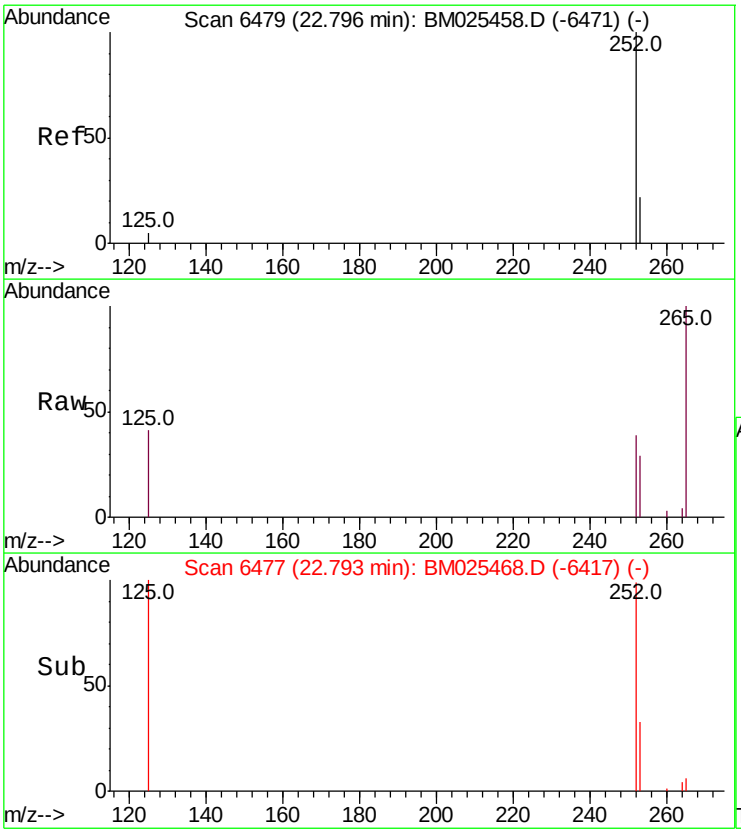
#21
Benzo(b)fluoranthene
Concen: 0.035 ng/ul m
RT: 22.76 min Scan# 6462
Delta R.T. 0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1544

Ion	Ratio	Lower	Upper
252	100		
253	52.5	0.0	50.2#
125	37.0	0.0	17.6#

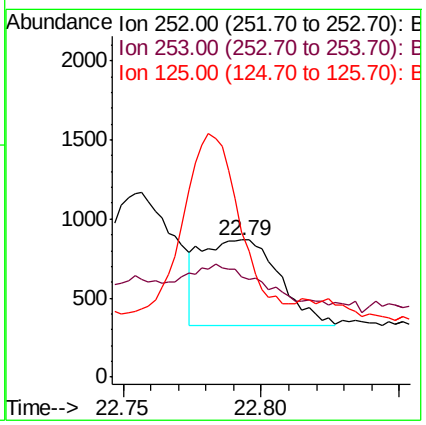


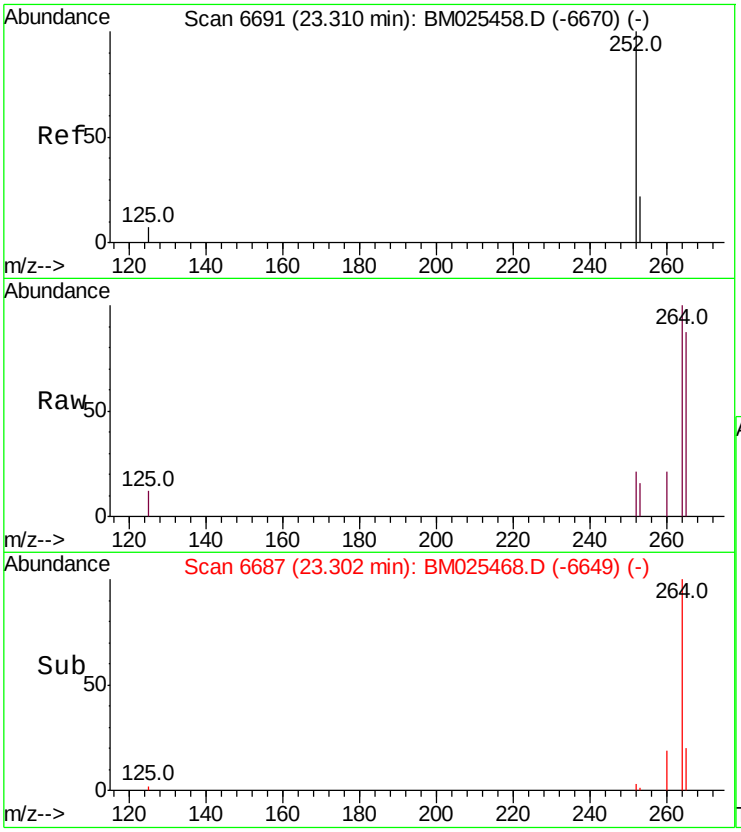


#22
Benzo(k)fluoranthene
Concen: 0.023 ng/ul m
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Tgt Ion:252 Resp: 1074

Ion	Ratio	Lower	Upper
252	100		
253	73.2	19.8	29.8#
125	105.7	7.1	10.7#



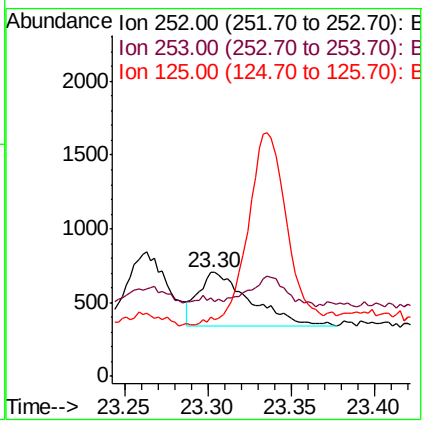


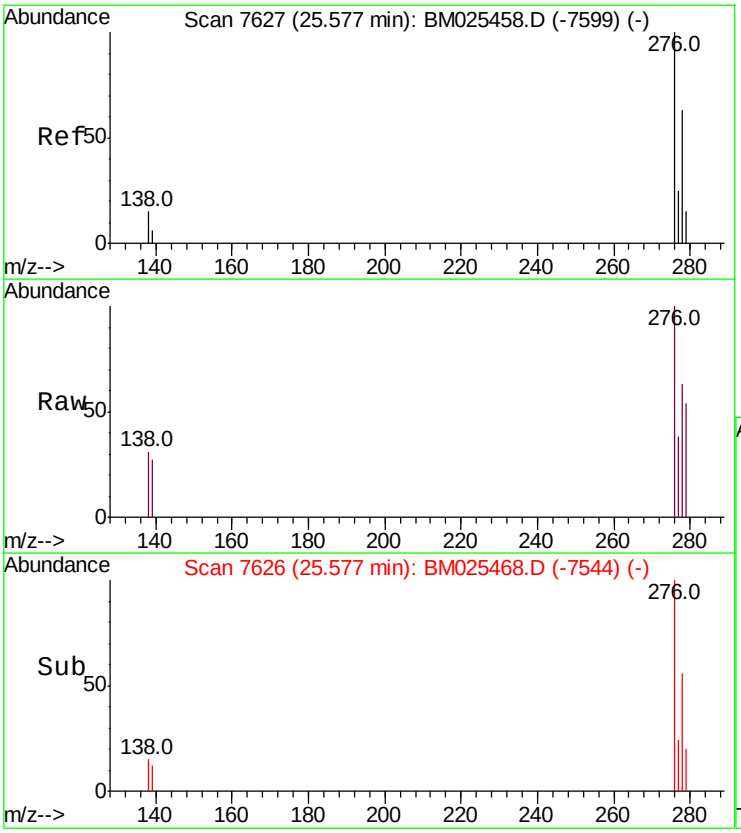
#23
Benzo(a)pyrene
Concen: 0.022 ng/ul
RT: 23.30 min Scan# 6687
Delta R.T. -0.01 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 787

Ion	Ratio	Lower	Upper
252	100		
253	75.4	21.3	31.9#
125	57.5	8.5	12.7#

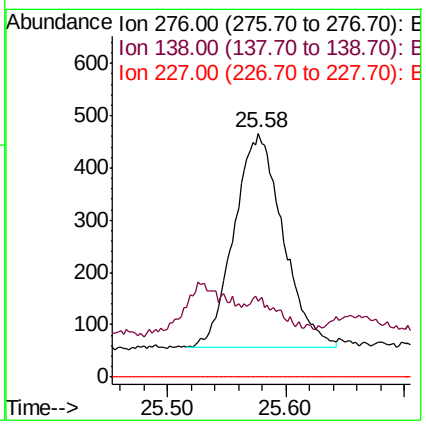


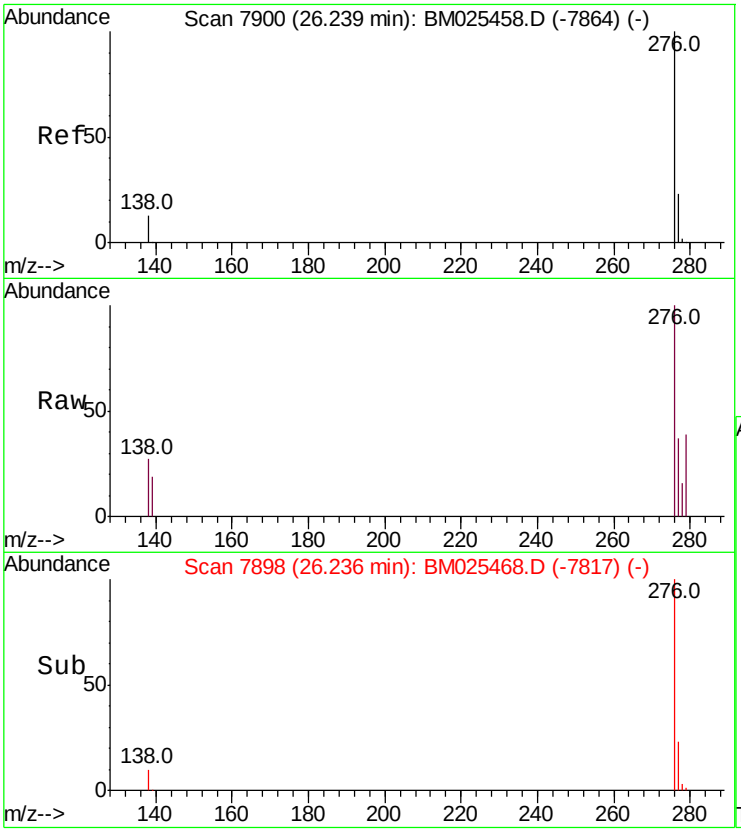


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.024 ng/ul
RT: 25.58 min Scan# 7626
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Tgt Ion:276 Resp: 1170

Ion	Ratio	Lower	Upper
276	100		
138	0.0	12.3	18.5#
227	0.0	0.0	0.0





#26
Benzo(g,h,i)perylene
Concen: 0.029 ng/ul
RT: 26.24 min Scan# 7898
Delta R.T. -0.00 min
Lab File: BM025468.D
Acq: 11 Mar 2020 00:31

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 1249

Ion	Ratio	Lower	Upper
276	100		
138	27.2	11.0	16.4#
277	37.3	19.8	29.6#