Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030920\
Data File : BM025467.D
Acq On : 10 Mar 2020 23:54
Operator : CG/JU
Sample : L1617-15
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Mar 11 02:28:07 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	3323	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	13374	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8702	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	17510	0.40	ng/ul	0.00
16) Chrysene-d12	21.22	240	13926	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	14907	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4558	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	9262	0.19	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.07	178	28214	0.508	ng/ul	99
13) Anthracene	17.16	178	1417	0.029	ng/ul#	85
15) Fluoranthene	19.09	202	85513	1.422	ng/ul	99
17) Pyrene	19.45	202	57671	0.923	ng/ul	100
18) Benzo(a)anthracene	21.20	228	13058	0.262	ng/ul	99
19) Chrysene	21.25	228	12464	0.223	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	8771m	0.149	ng/ul	
22) Benzo(k)fluoranthene	22.80	252	3546m	0.057	ng/ul	
23) Benzo(a)pyrene	23.31	252	2606	0.053	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.57	276	1425	0.021	ng/ul#	63

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

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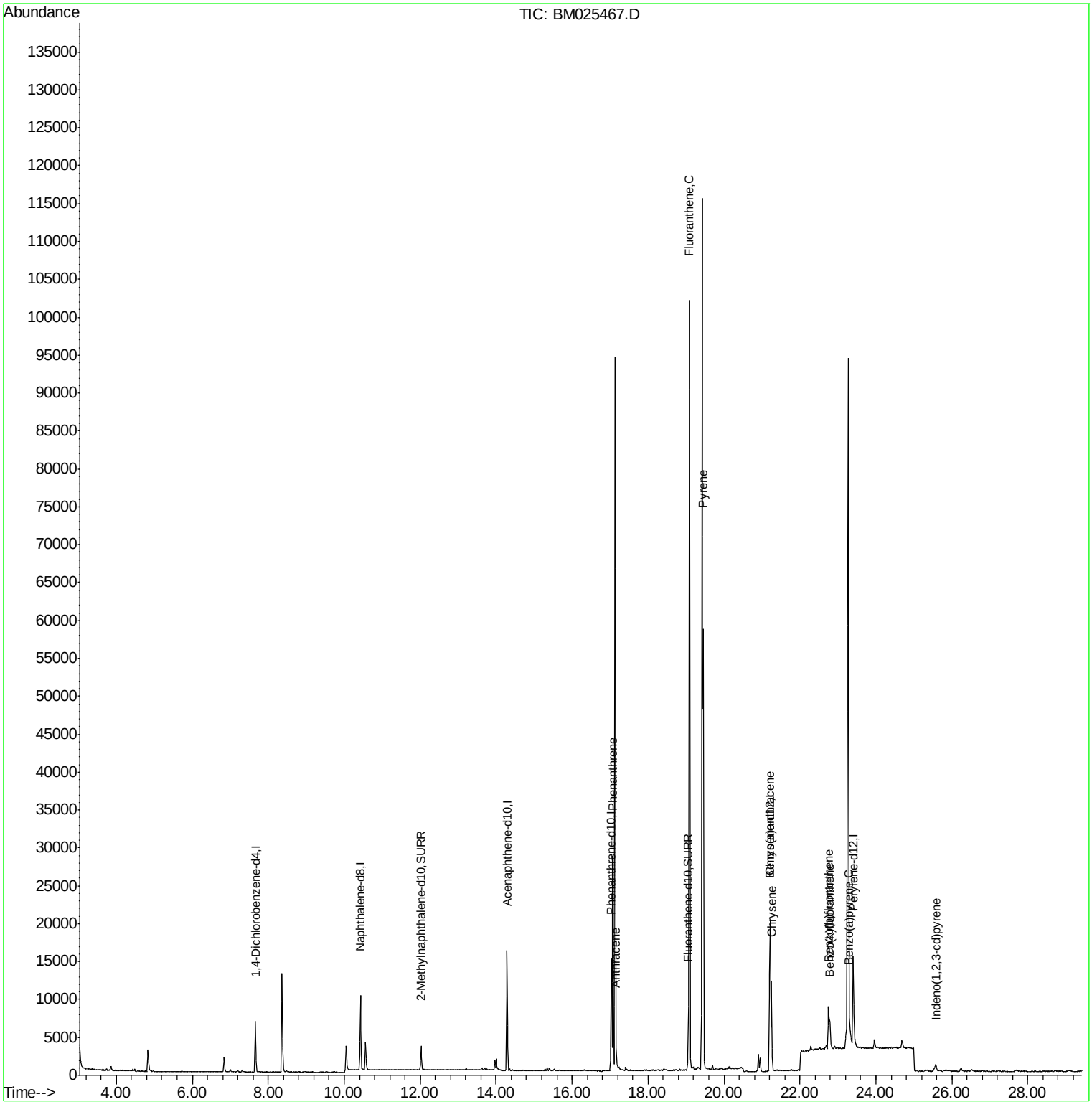
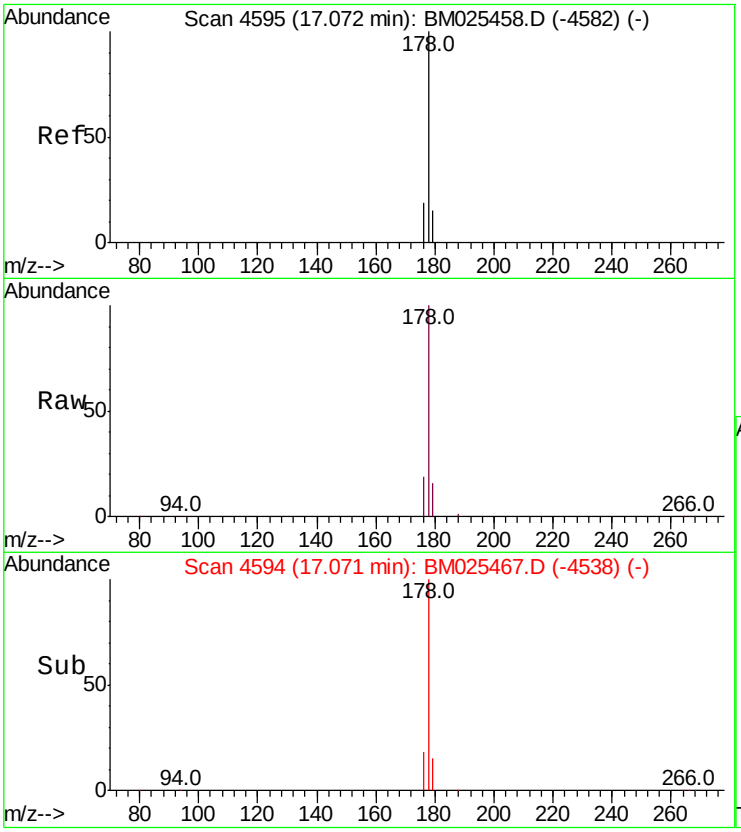


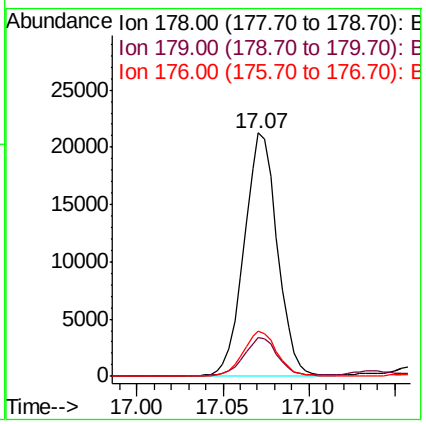


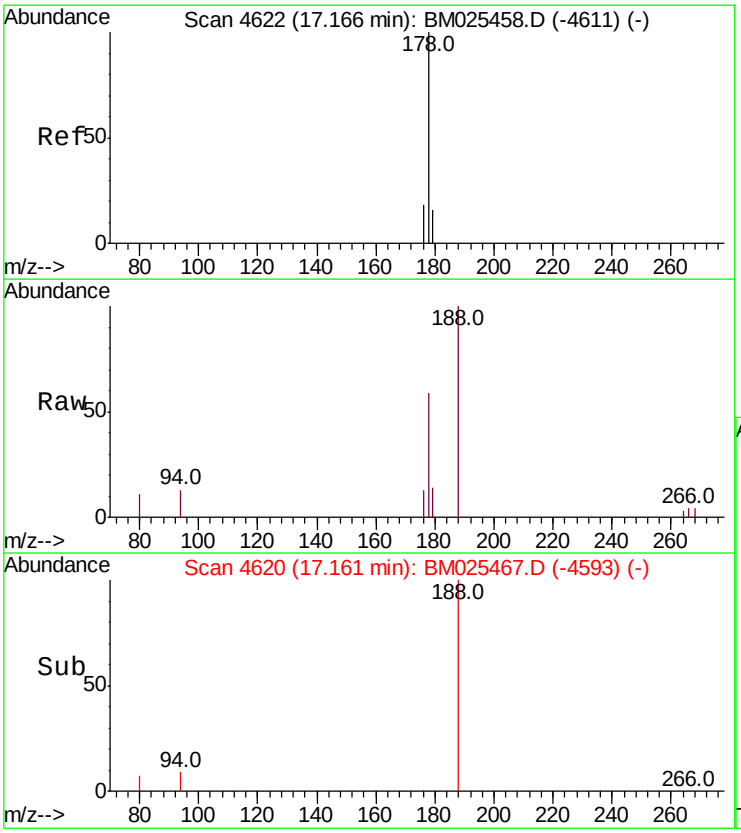
#12
Phenanthrene
Concen: 0.508 ng/ul
RT: 17.07 min Scan# 4594
Delta R.T. -0.01 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 28214

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	18.6	14.8	22.2

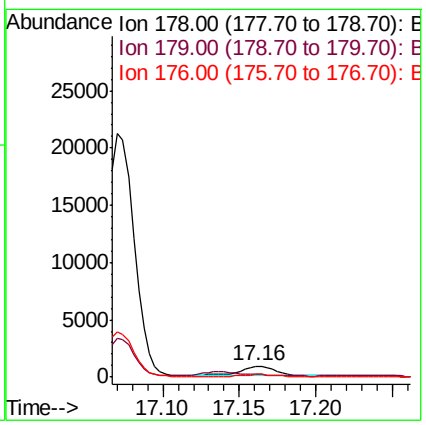


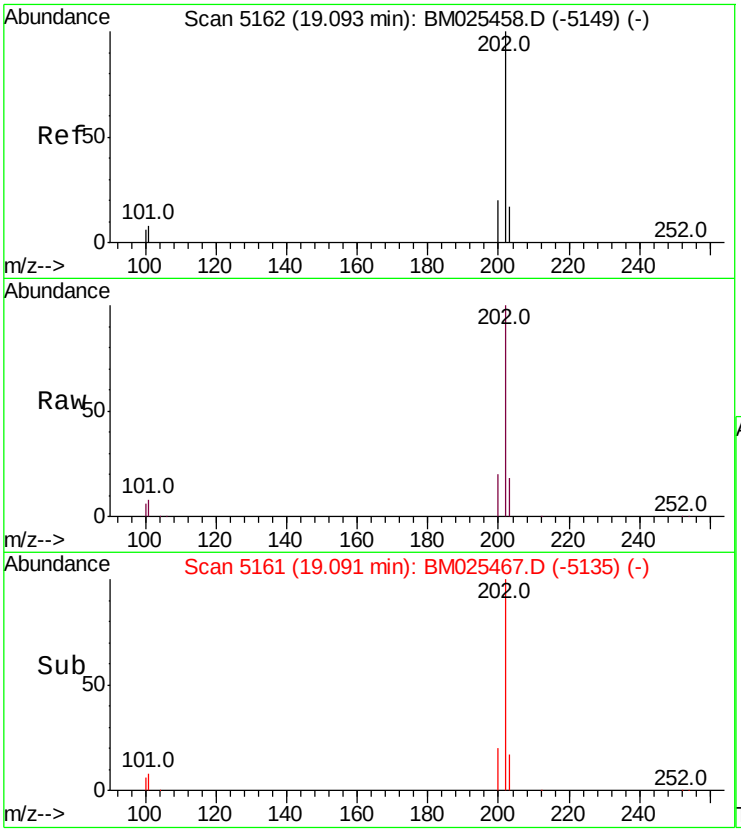


#13
Anthracene
Concen: 0.029 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.01 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Tgt Ion:178 Resp: 1417

Ion	Ratio	Lower	Upper
178	100		
179	24.3	12.6	18.8#
176	22.9	14.5	21.7#



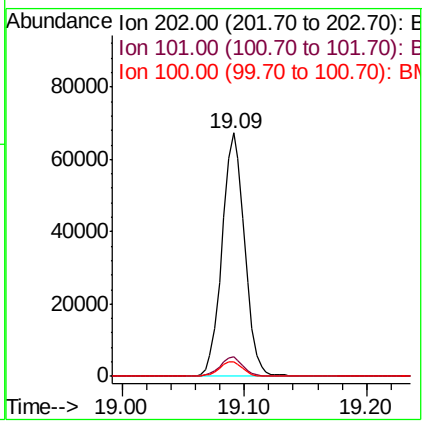


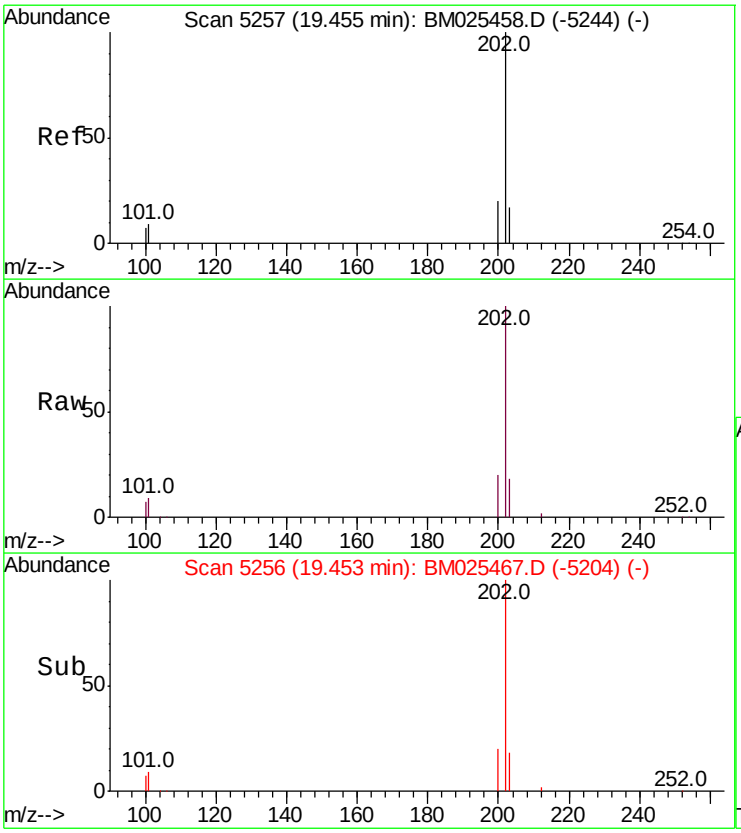
#15
Fluoranthene
Concen: 1.422 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 85513

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	27.5
100	6.1	0.0	26.0

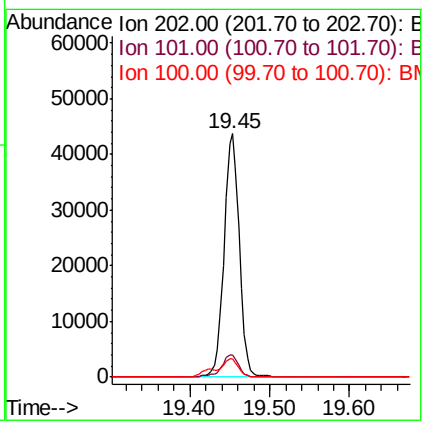


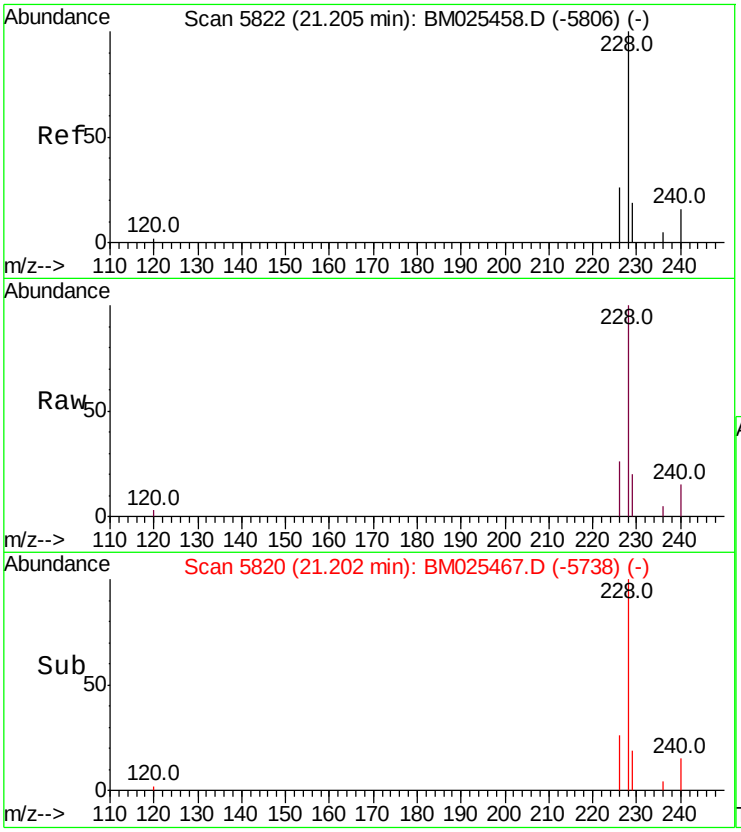


#17
Pyrene
Concen: 0.923 ng/ul
RT: 19.45 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Tgt Ion:202 Resp: 57671

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.1	10.7
100	7.5	6.0	9.0



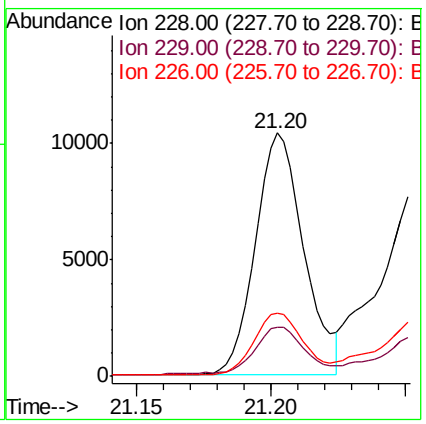


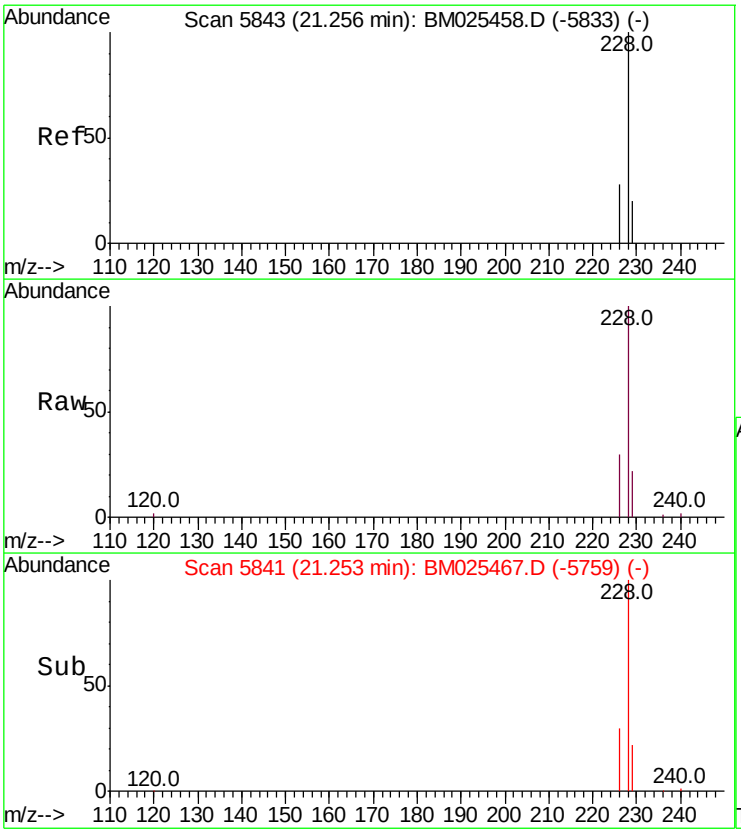
#18
Benzo(a)anthracene
Concen: 0.262 ng/ul
RT: 21.20 min Scan# 5820
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 13058

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.6	23.4
226	26.1	21.1	31.7

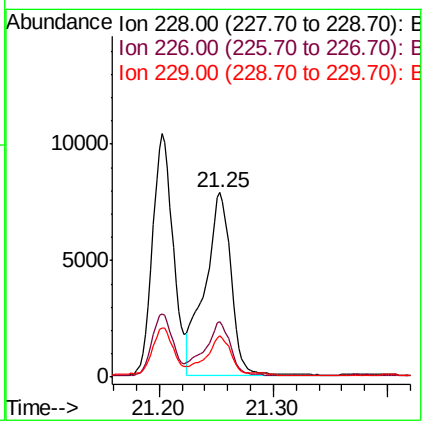


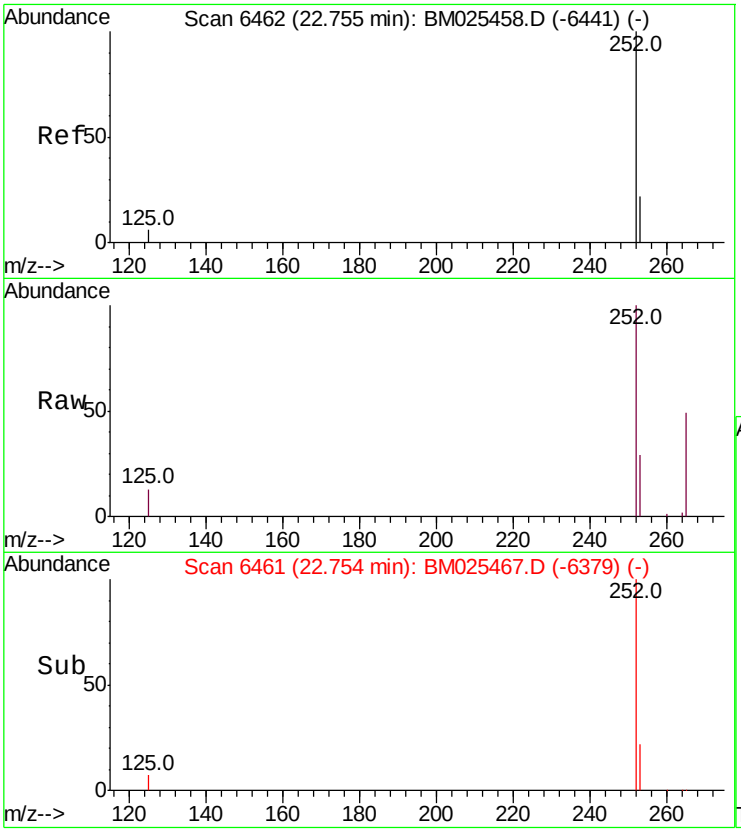


#19
Chrysene
Concen: 0.223 ng/ul
RT: 21.25 min Scan# 5841
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Tgt Ion:228 Resp: 12464

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.6	35.4
229	22.2	16.3	24.5



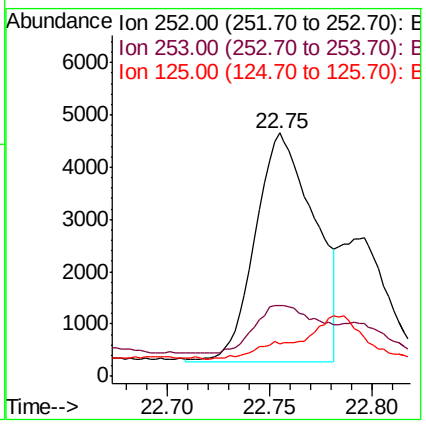


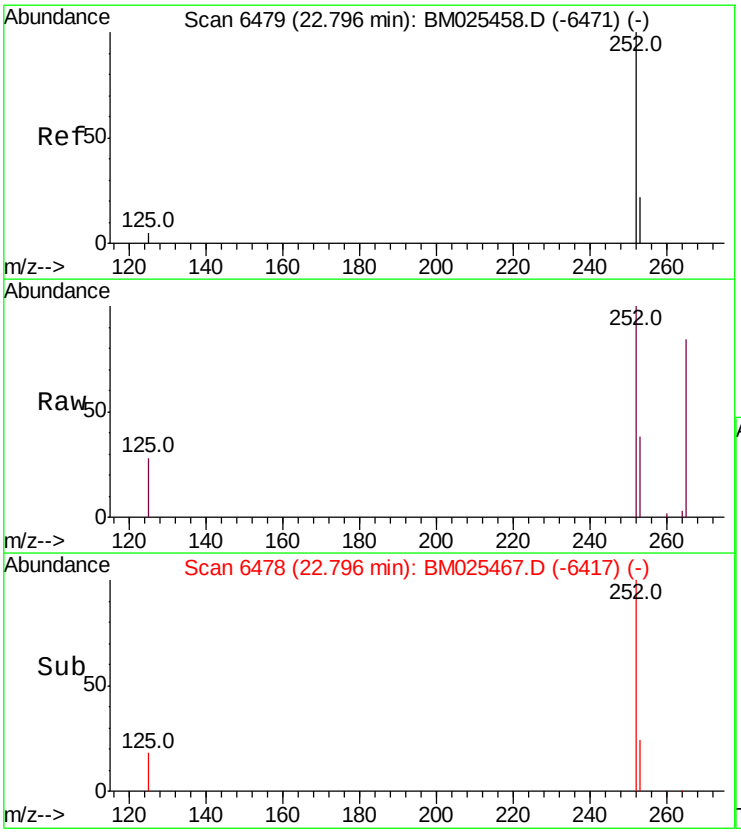
#21
Benzo(b)fluoranthene
Concen: 0.149 ng/ul m
RT: 22.75 min Scan# 6461
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 8771

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	50.2
125	13.5	0.0	17.6

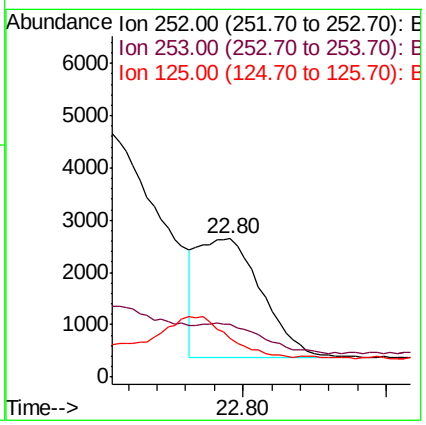


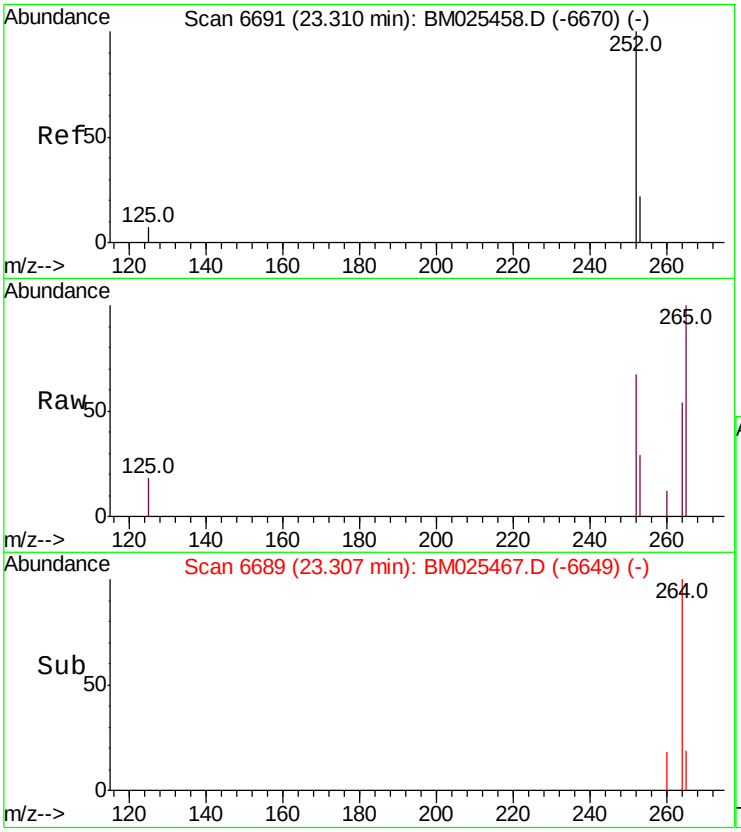


#22
Benzo(k)fluoranthene
Concen: 0.057 ng/ul m
RT: 22.80 min Scan# 6478
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Tgt Ion:252 Resp: 3546

Ion	Ratio	Lower	Upper
252	100		
253	38.0	19.8	29.8#
125	28.0	7.1	10.7#



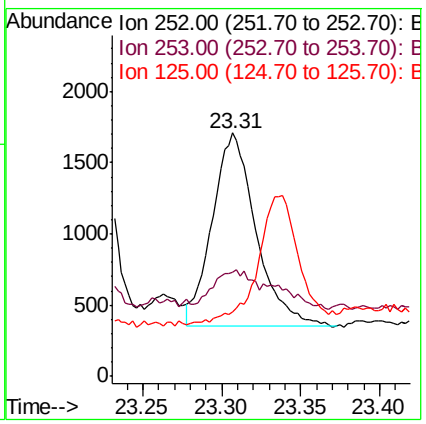


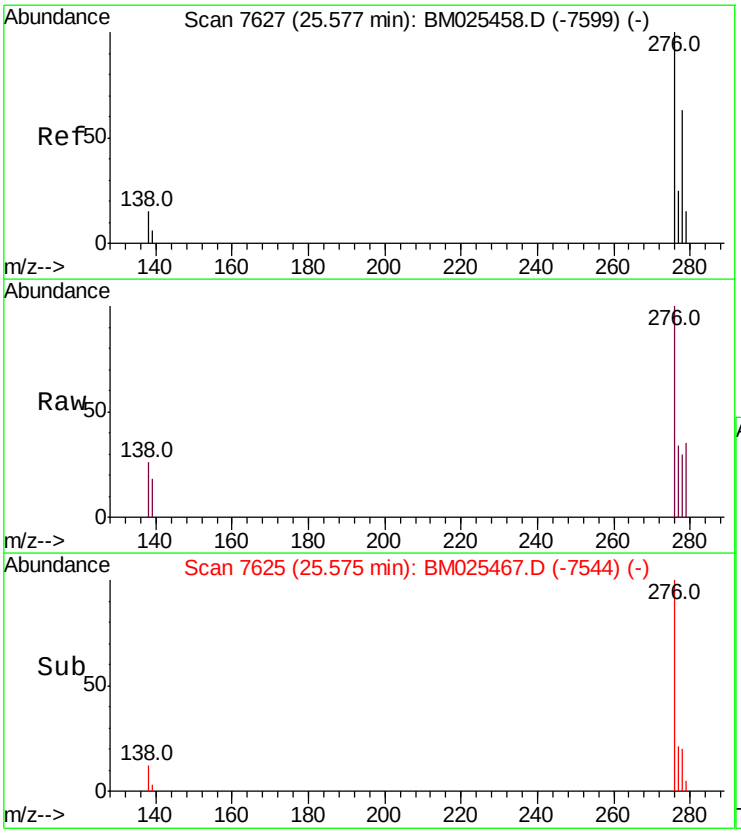
#23
Benzo(a)pyrene
Concen: 0.053 ng/ul
RT: 23.31 min Scan# 6689
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 2606

Ion	Ratio	Lower	Upper
252	100		
253	42.9	21.3	31.9#
125	26.7	8.5	12.7#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng/ul
RT: 25.57 min Scan# 7625
Delta R.T. -0.00 min
Lab File: BM025467.D
Acq: 10 Mar 2020 23:54

Tgt Ion:276 Resp: 1425

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