Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112520\
Data File : BM027986.D
Acq On : 26 Nov 2020 05:16
Operator : JU/CG
Sample : L4749-17DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B16DL

Quant Time: Nov 26 06:25:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.32	152	287	0.40	ng/ul	0.00
2) Naphthalene-d8	11.15	136	1112	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.93	164	661	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.65	188	1258	0.40	ng/ul	0.00
16) Chrysene-d12	21.75	240	721	0.40	ng/ul	0.00
20) Perylene-d12	24.17	264	701	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.72	152	47	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.64	212	81	0.02	ng/ul	0.00
Target Compounds						Qvalue
12) Phenanthrene	17.69	178	1344	0.338	ng/ul	95
13) Anthracene	17.78	178	260	0.068	ng/ul#	60
15) Fluoranthene	19.67	202	3847	0.873	ng/ul	97
17) Pyrene	20.03	202	3302	0.902	ng/ul	98
18) Benzo(a)anthracene	21.74	228	1897	0.652	ng/ul	96
19) Chrysene	21.79	228	2315	0.817	ng/ul	95
21) Benzo(b)fluoranthene	23.43	252	4244	1.441	ng/ul	97
22) Benzo(k)fluoranthene	23.43	252	4244	1.471	ng/ul#	97
23) Benzo(a)pyrene	24.06	252	1741	0.676	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.66	276	1475	0.529	ng/ul#	86
25) Dibenzo(a,h)anthracene	26.66	278	389	0.168	ng/ul#	42
26) Benzo(g,h,i)perylene	27.43	276	1247	0.533	ng/ul#	91

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

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Misc :
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Instrument : BNA_M
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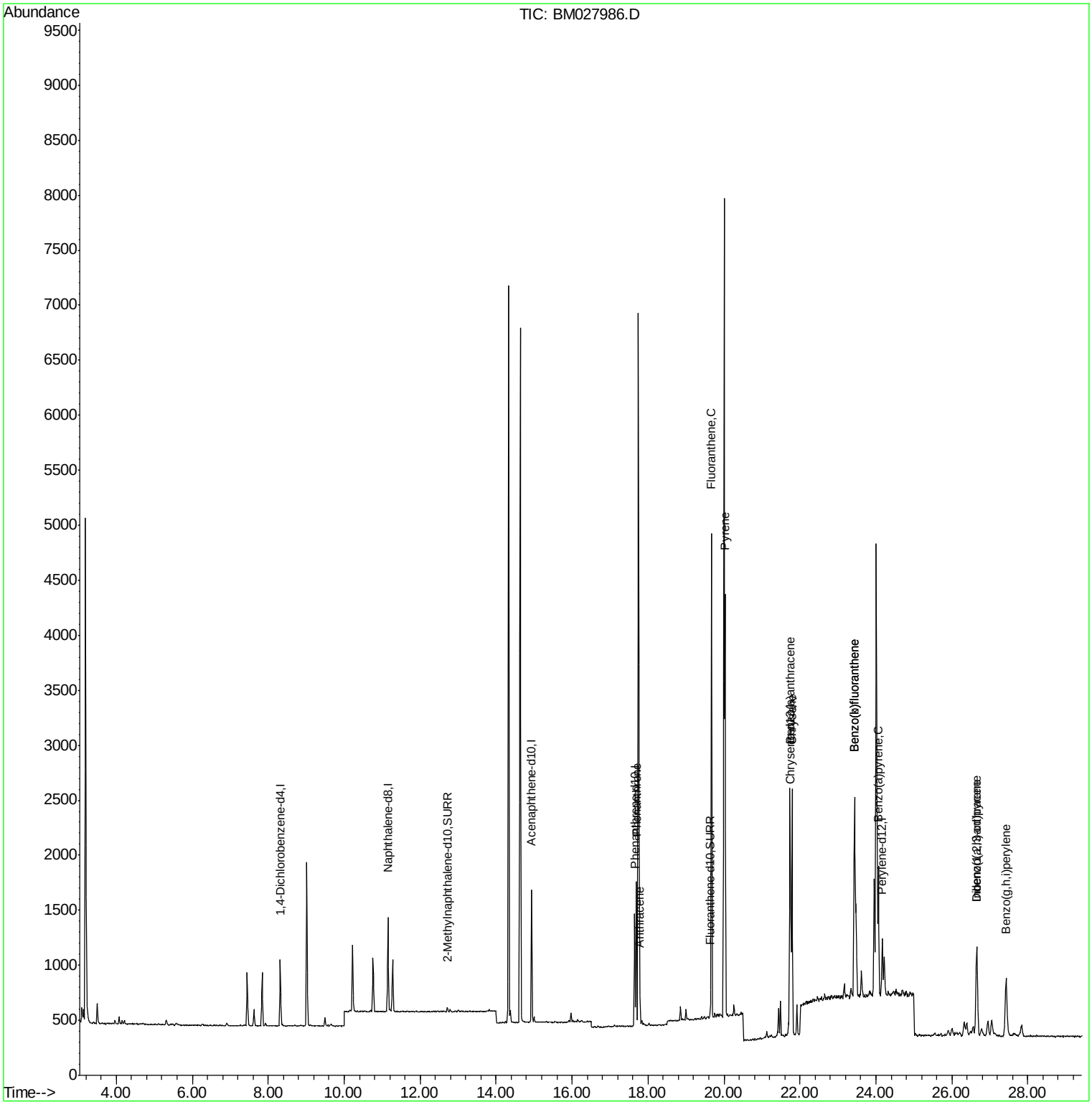
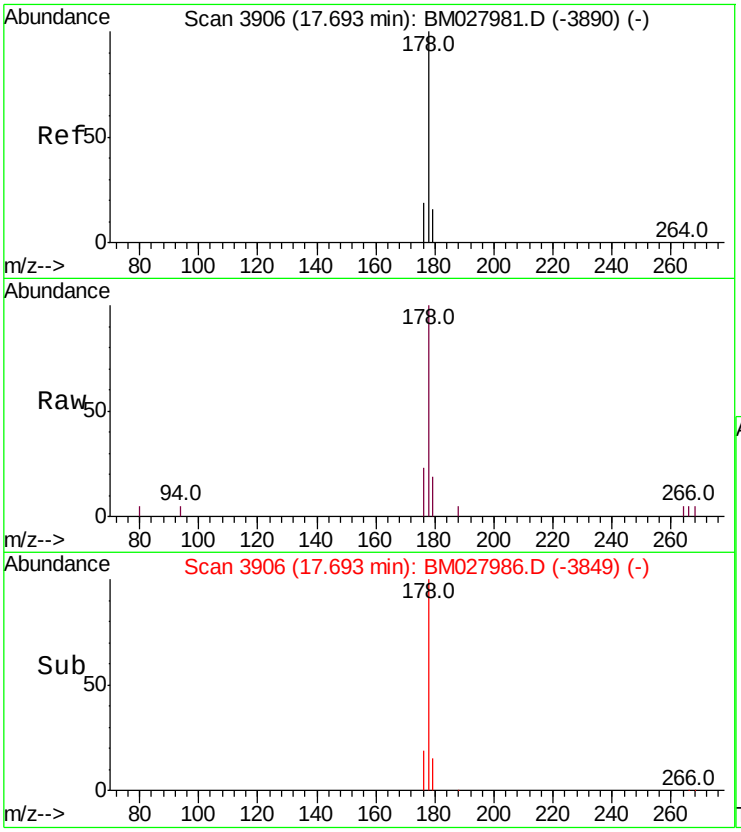
Quant Time: Nov 26 06:25:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM112020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 25 10:43:32 2020
Response via : Initial Calibration



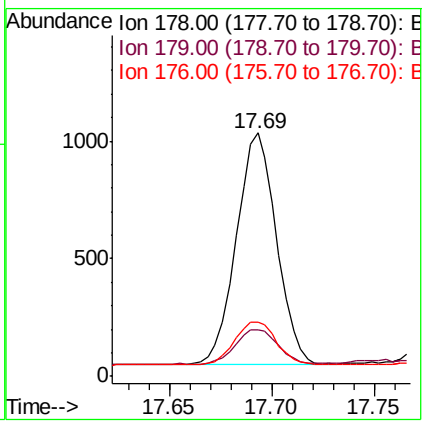


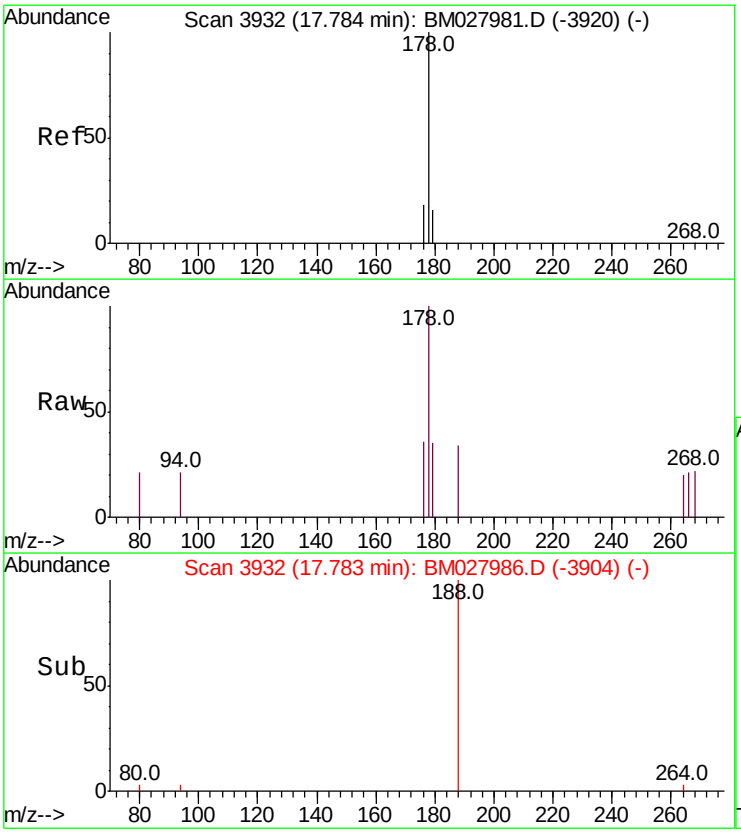
#12
Phenanthrene
Concen: 0.338 ng/ul
RT: 17.69 min Scan# 3906
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:178 Resp: 1344

Ion	Ratio	Lower	Upper
178	100		
179	19.3	13.6	20.4
176	22.5	16.1	24.1

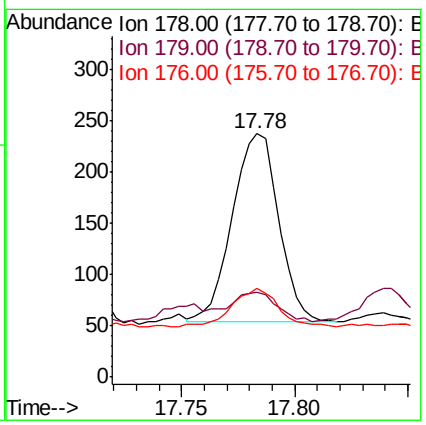


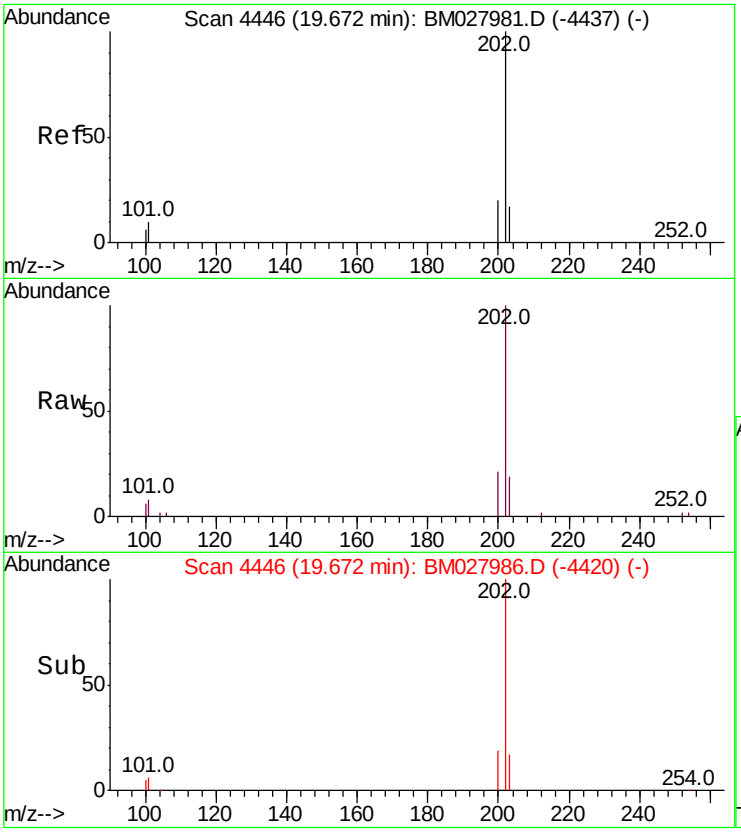


#13
Anthracene
Concen: 0.068 ng/ul
RT: 17.78 min Scan# 3932
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:178 Resp: 260

Ion	Ratio	Lower	Upper
178	100		
179	35.0	13.4	20.2#
176	36.3	15.0	22.6#



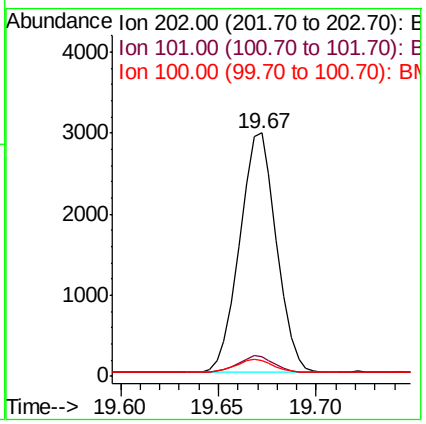


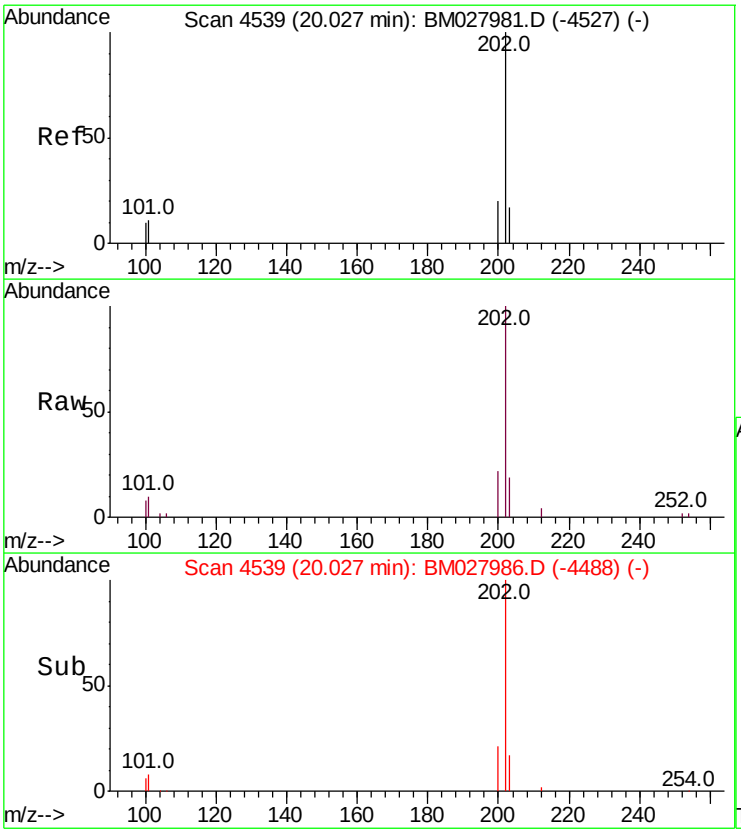
#15
Fluoranthene
Concen: 0.873 ng/ul
RT: 19.67 min Scan# 4446
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:202 Resp: 3847

Ion	Ratio	Lower	Upper
202	100		
101	8.0	0.0	29.3
100	6.5	0.0	27.4

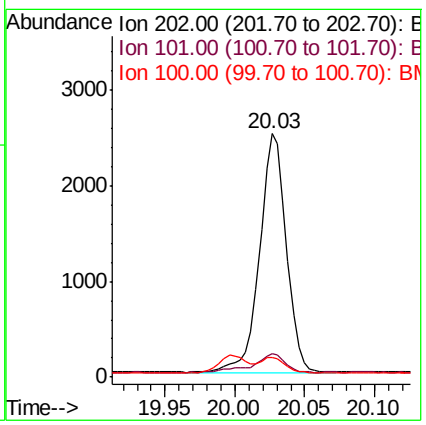


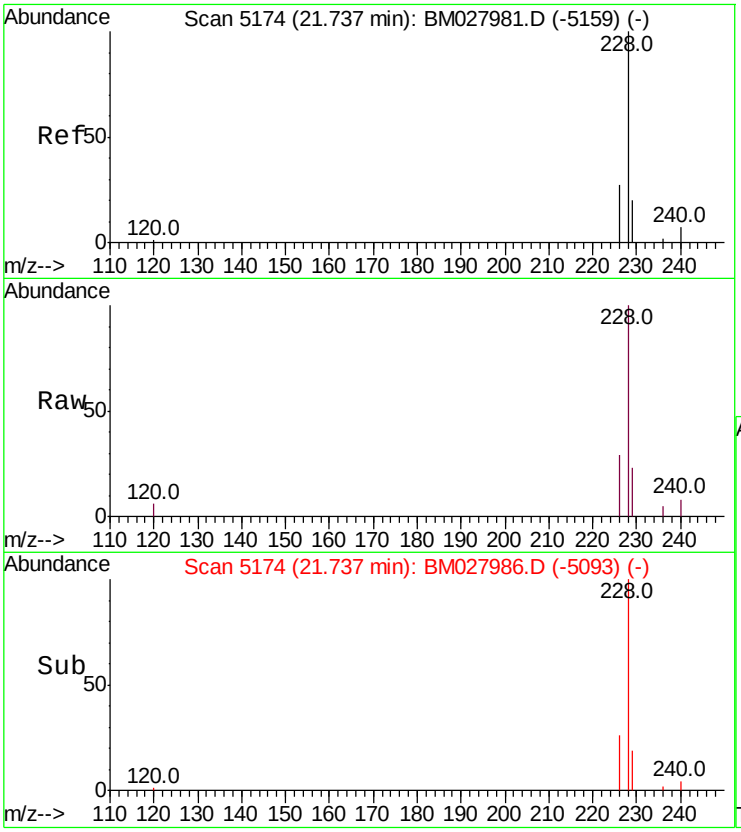


#17
Pyrene
Concen: 0.902 ng/ul
RT: 20.03 min Scan# 4539
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:202 Resp: 3302

Ion	Ratio	Lower	Upper
202	100		
101	9.5	8.2	12.2
100	8.1	6.9	10.3



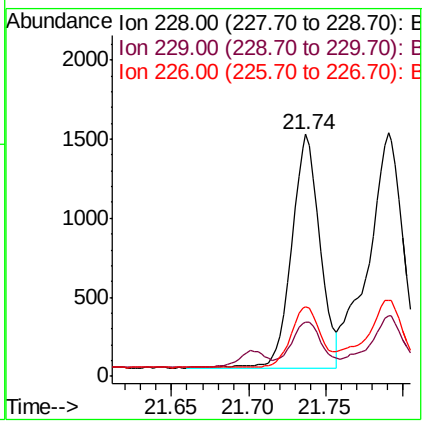


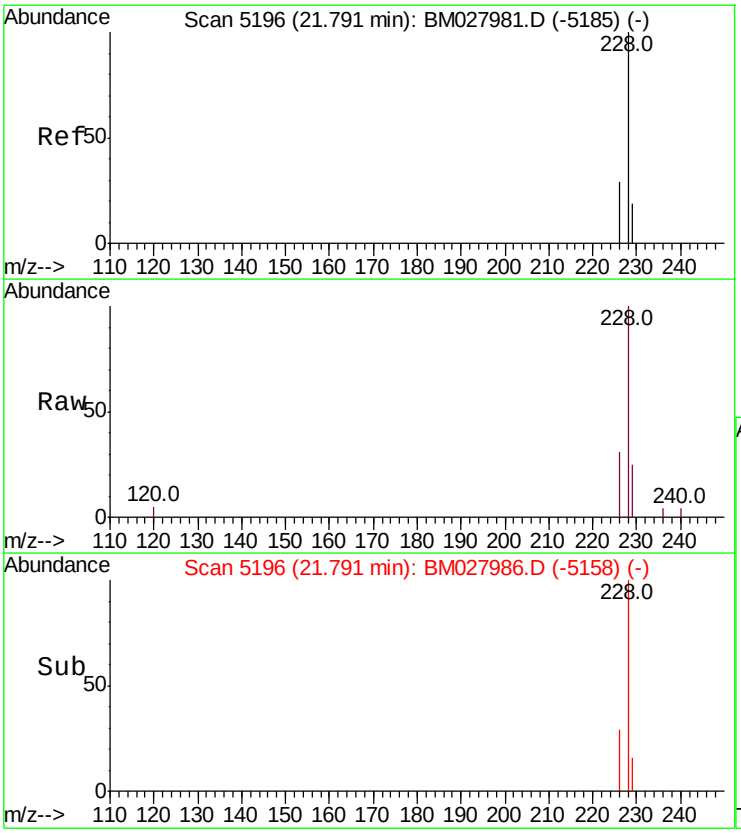
#18
Benzo(a)anthracene
Concen: 0.652 ng/ul
RT: 21.74 min Scan# 5174
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:228 Resp: 1897

Ion	Ratio	Lower	Upper
228	100		
229	22.6	16.2	24.4
226	28.9	21.5	32.3

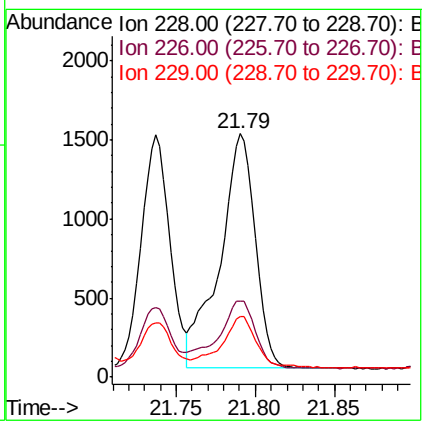


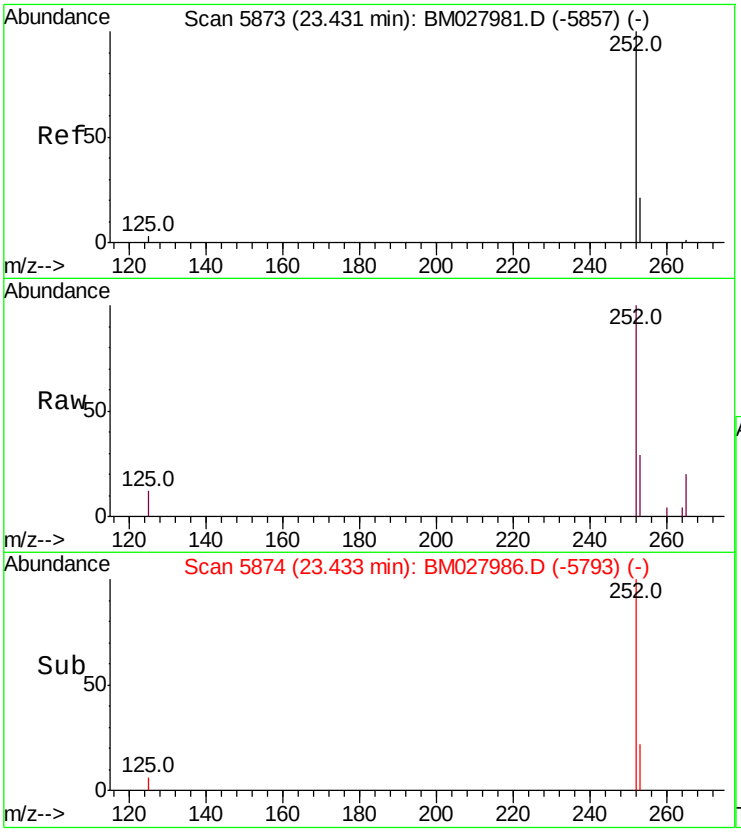


#19
Chrysene
Concen: 0.817 ng/ul
RT: 21.79 min Scan# 5196
Delta R.T. -0.01 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:228 Resp: 2315

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.1	36.1
229	24.8	16.6	24.8



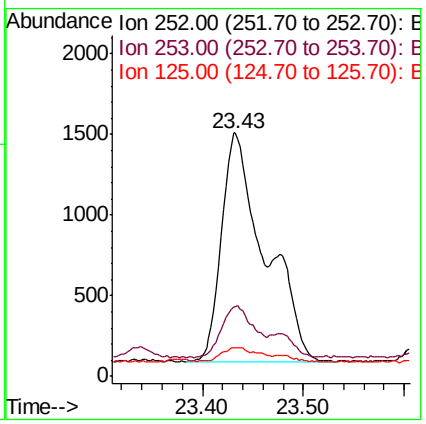


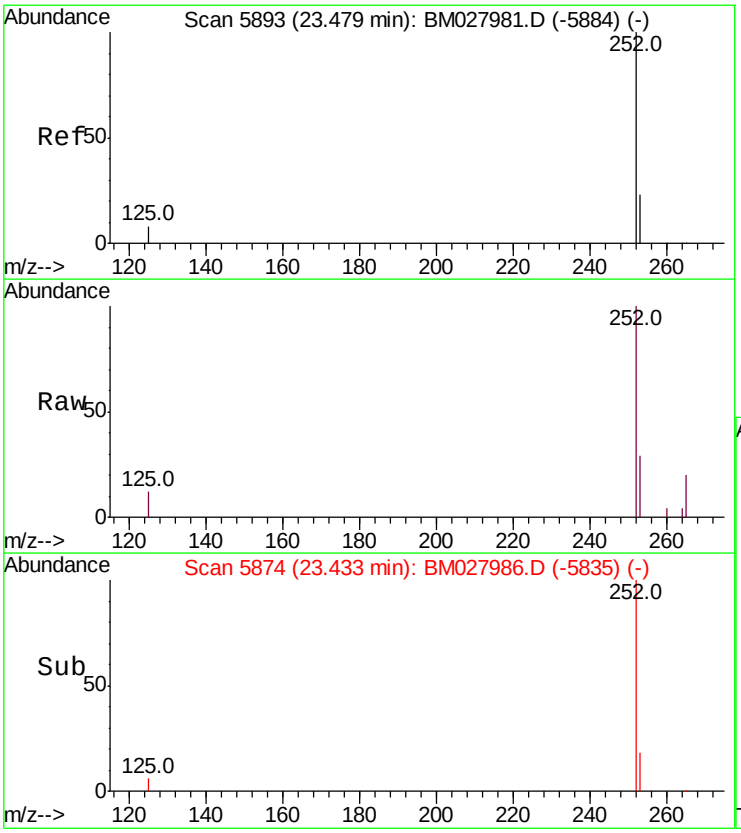
#21
Benzo(b)fluoranthene
Concen: 1.441 ng/ul
RT: 23.43 min Scan# 5874
Delta R.T. -0.00 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:252 Resp: 4244

Ion	Ratio	Lower	Upper
252	100		
253	28.8	0.0	59.6
125	11.7	0.0	28.4

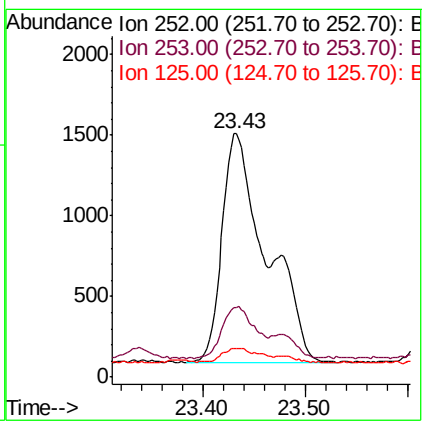


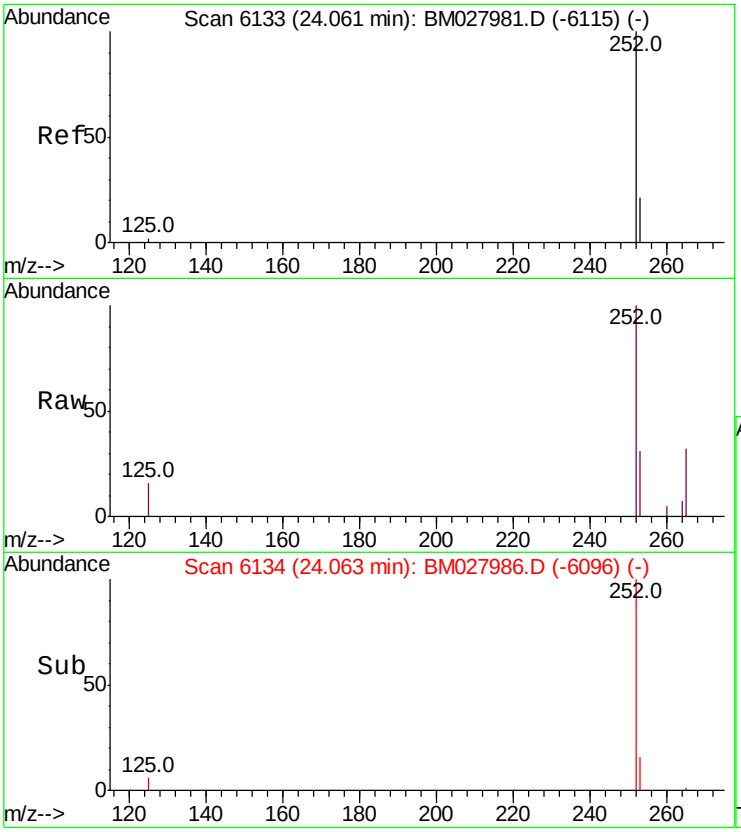


#22
Benzo(k)fluoranthene
Concen: 1.471 ng/ul
RT: 23.43 min Scan# 5874
Delta R.T. -0.06 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:252 Resp: 4244

Ion	Ratio	Lower	Upper
252	100		
253	28.8	23.2	34.8
125	11.7	11.8	17.6#



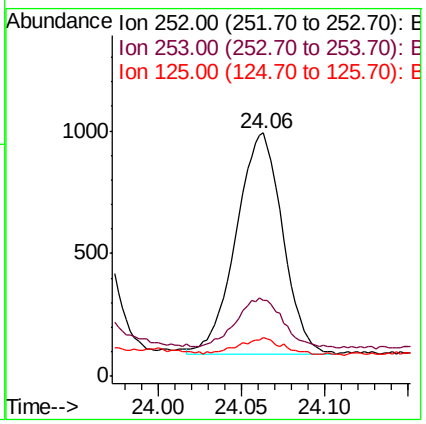


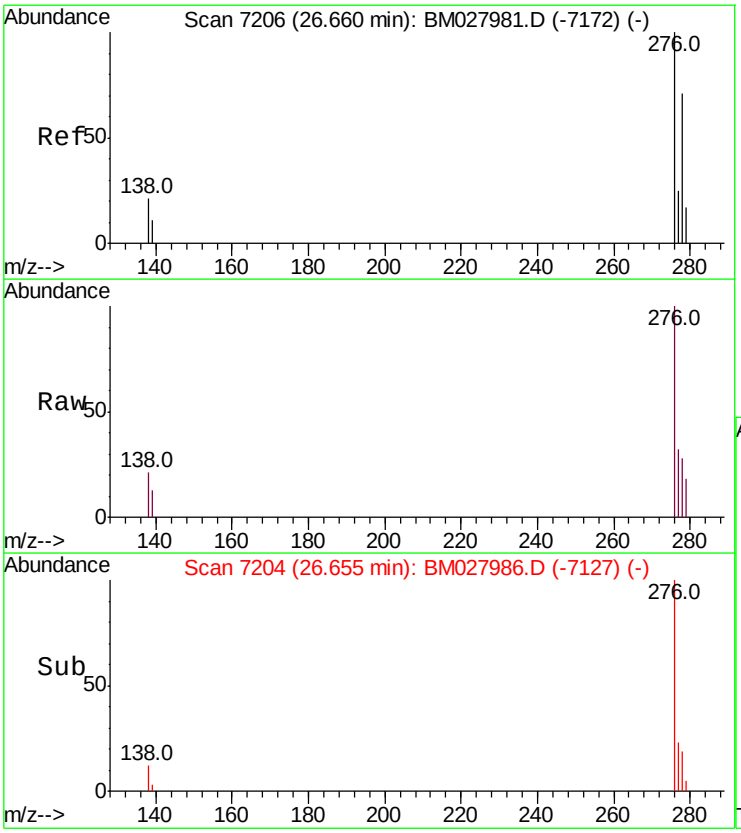
#23
Benzo(a)pyrene
Concen: 0.676 ng/ul
RT: 24.06 min Scan# 6134
Delta R.T. -0.01 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:252 Resp: 1741

Ion	Ratio	Lower	Upper
252	100		
253	31.0	25.2	37.8
125	15.8	13.8	20.6

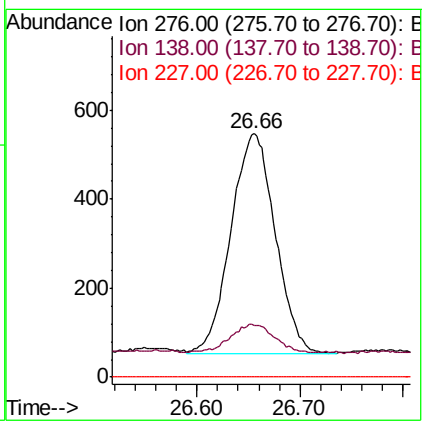


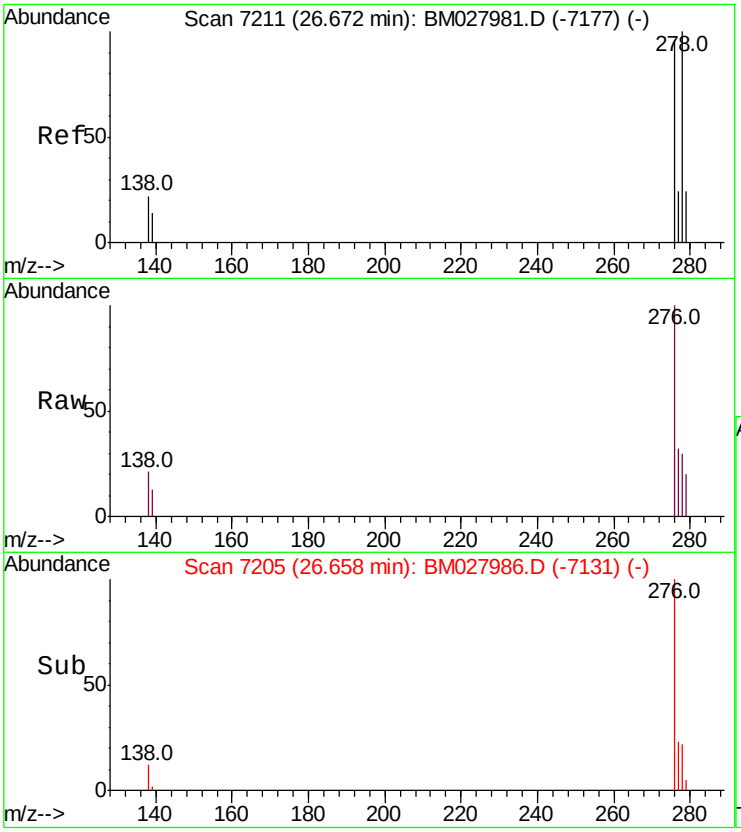


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.529 ng/ul
RT: 26.66 min Scan# 7204
Delta R.T. -0.01 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:276 Resp: 1475

Ion	Ratio	Lower	Upper
276	100		
138	13.0	15.7	23.5#
227	0.0	0.0	0.0



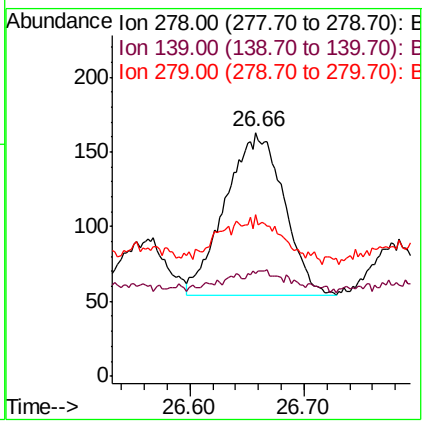


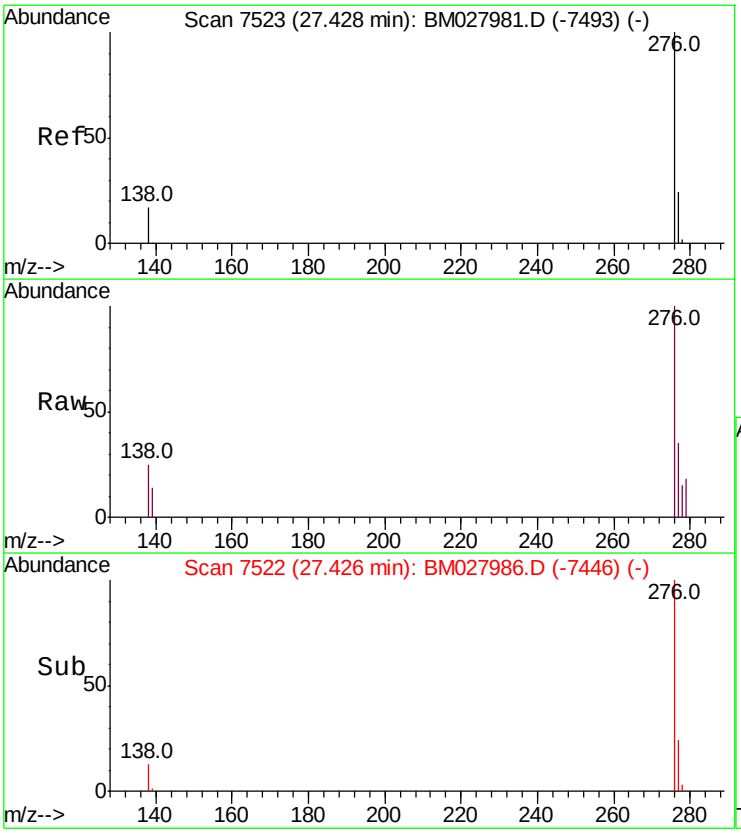
#25
Dibenzo(a,h)anthracene
Concen: 0.168 ng/ul
RT: 26.66 min Scan# 7205
Delta R.T. -0.02 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Instrument :
BNA_M
ClientSampleId :
C0B16DL

Tgt Ion:278 Resp: 389

Ion	Ratio	Lower	Upper
278	100		
139	42.3	14.8	22.2#
279	66.3	25.8	38.6#





#26
Benzo(g,h,i)perylene
Concen: 0.533 ng/ul
RT: 27.43 min Scan# 7522
Delta R.T. -0.02 min
Lab File: BM027986.D
Acq: 26 Nov 2020 05:16

Tgt Ion:276 Resp: 1247

Ion	Ratio	Lower	Upper
276	100		
138	24.6	17.4	26.2
277	34.5	22.5	33.7#