Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101619\
Data File : BN008206.D
Acq On : 16 Oct 2019 19:43
Operator : JU
Sample : K5124-03DL 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 17 02:21:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3509	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	16666	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	10442	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	21066m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	13096	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	13044	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	1034	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	2460	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	25002	0.527	ng/ul	98
5) 2-Methylnaphthalene	12.04	142	733	0.023	ng/ul	94
12) Phenanthrene	17.03	178	1670	0.027	ng/ul#	75
15) Fluoranthene	19.06	202	1877	0.023	ng/ul	72
17) Pyrene	19.42	202	1690m	0.032	ng/ul	
18) Benzo(a)anthracene	21.18	228	1885	0.040	ng/ul#	39
19) Chrysene	21.23	228	1220	0.021	ng/ul#	22
21) Benzo(b)fluoranthene	22.73	252	1390m	0.033	ng/ul	

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

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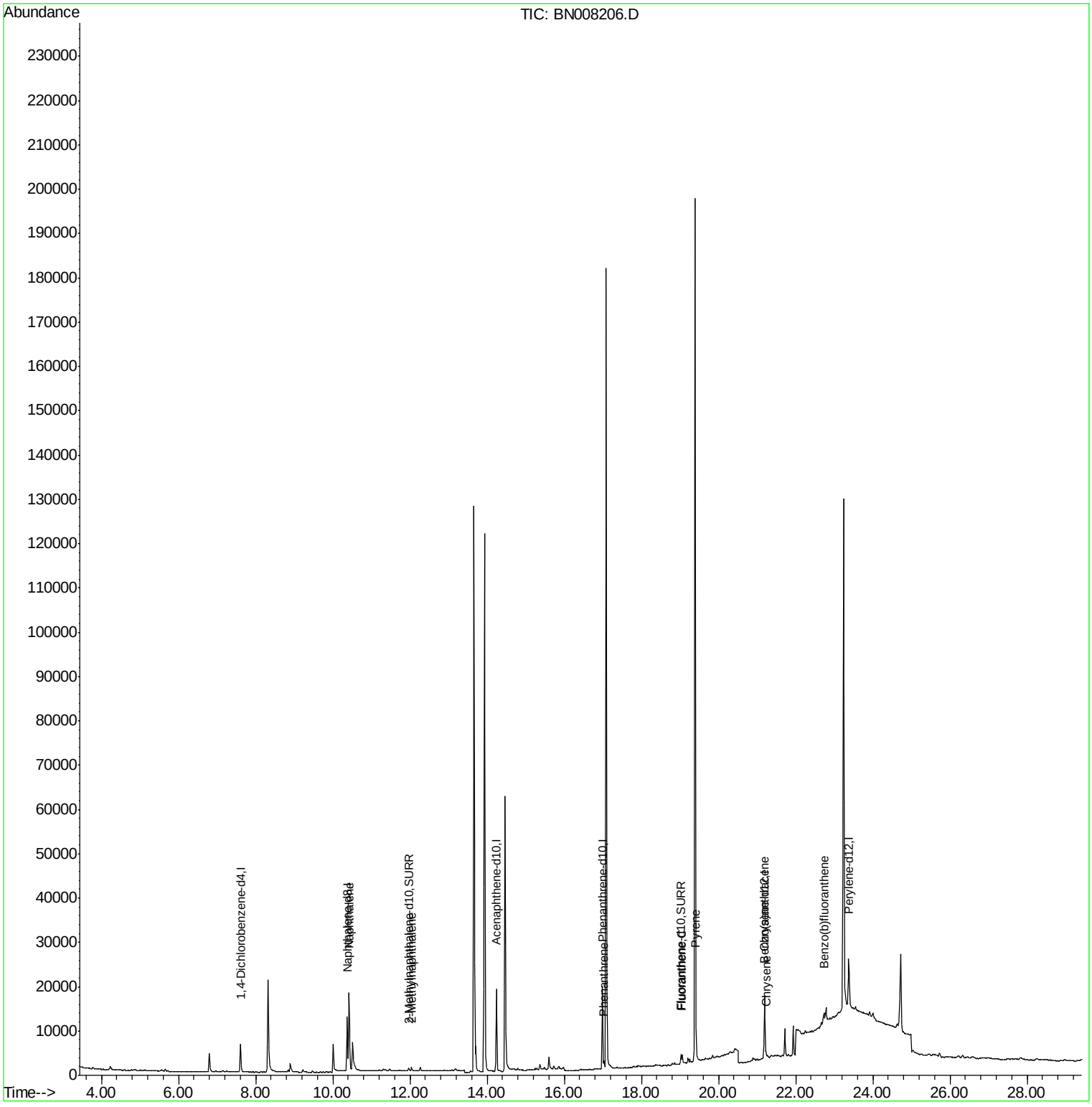
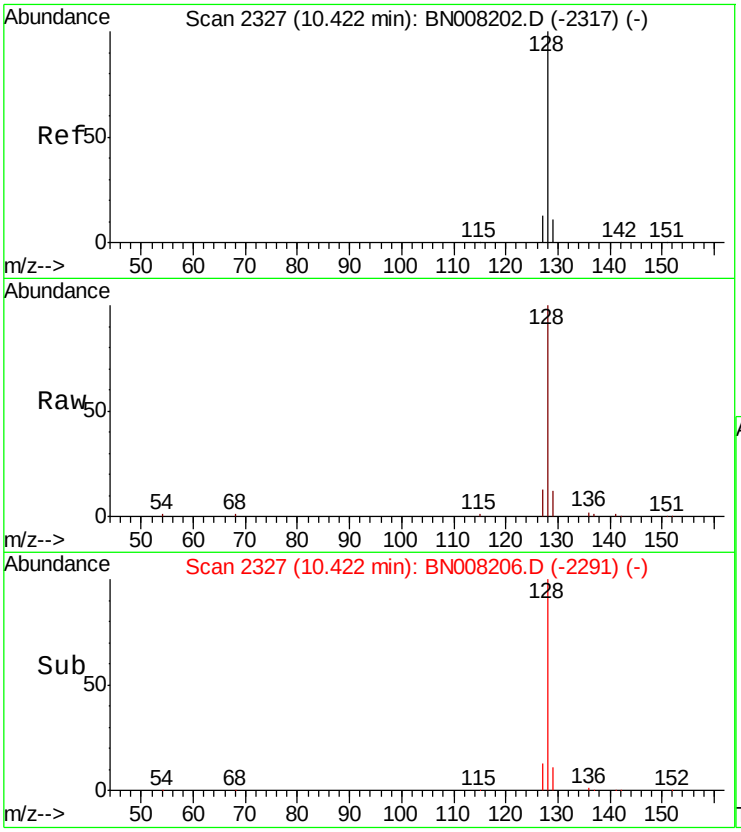
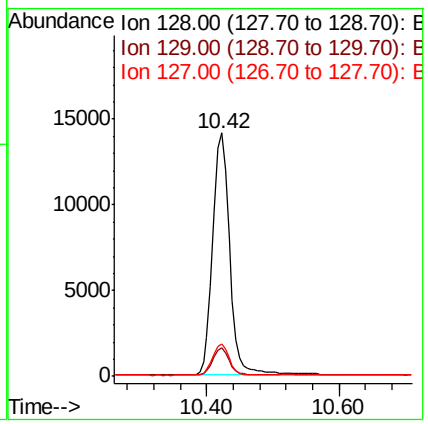


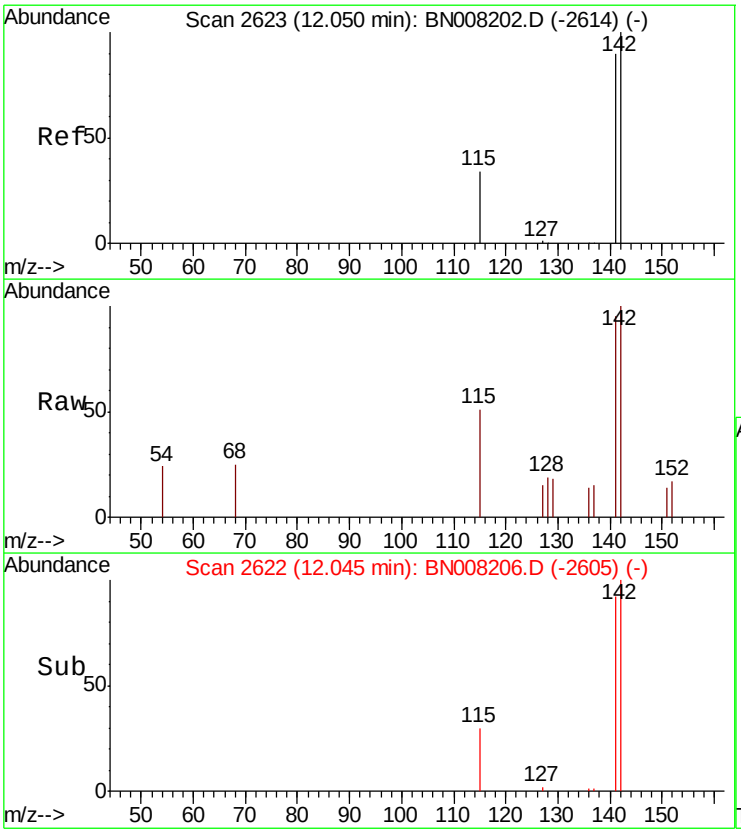


#3
Naphthalene
Concen: 0.527 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:128 Resp: 25002

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.8
127	13.1	11.1	16.7

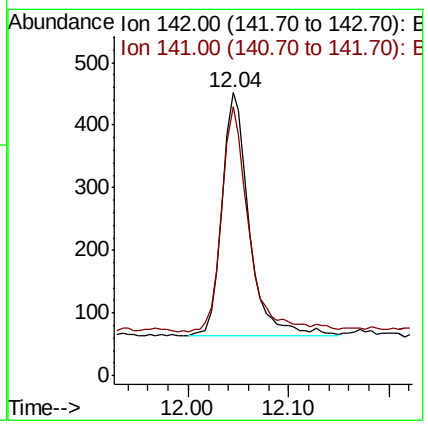


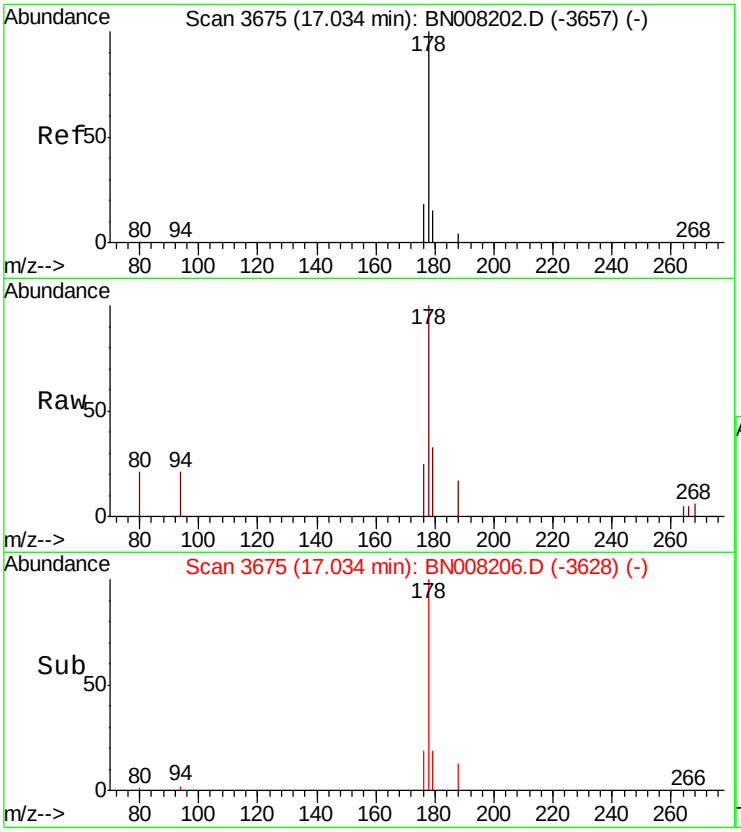


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:142 Resp: 733

Ion	Ratio	Lower	Upper
142	100		
141	94.8	71.4	107.2

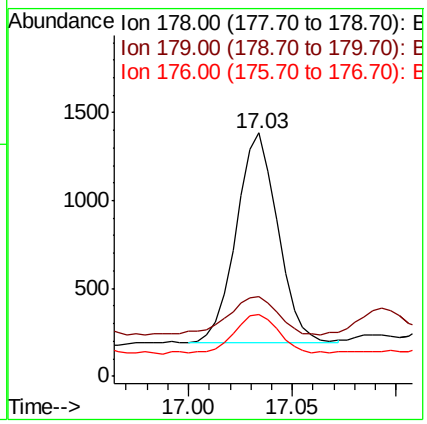


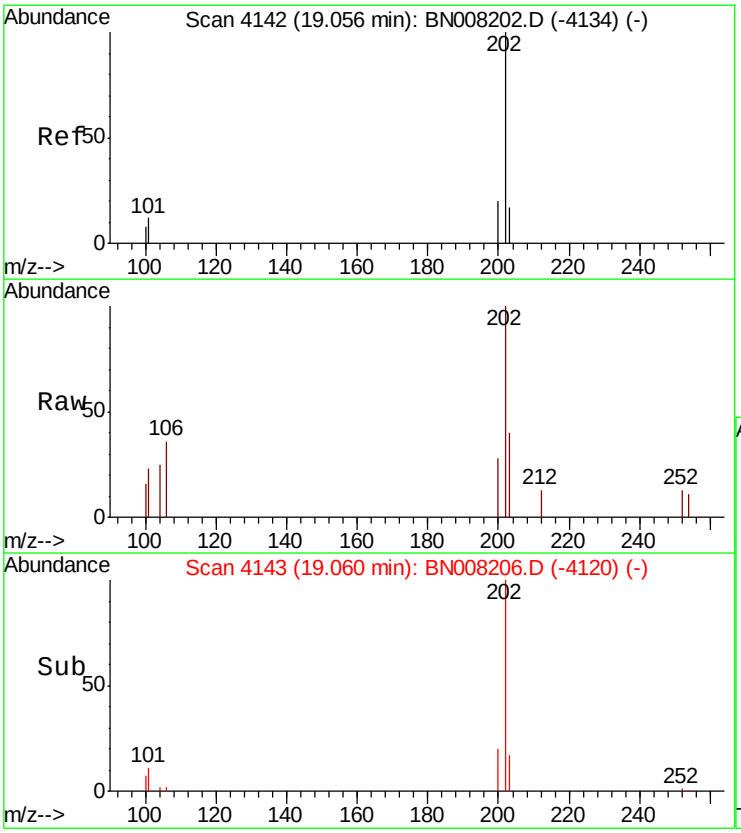


#12
Phenanthrene
Concen: 0.027 ng/ul
RT: 17.03 min Scan# 3675
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:178 Resp: 1670

Ion	Ratio	Lower	Upper
178	100		
179	32.6	12.8	19.2#
176	25.3	15.4	23.2#

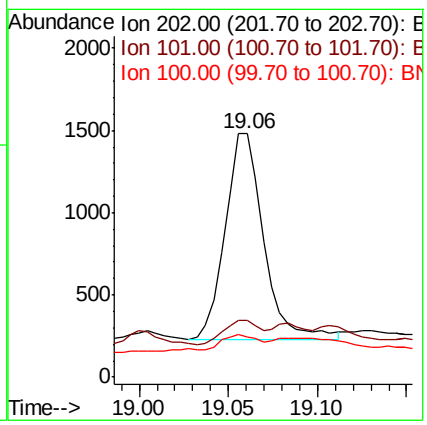


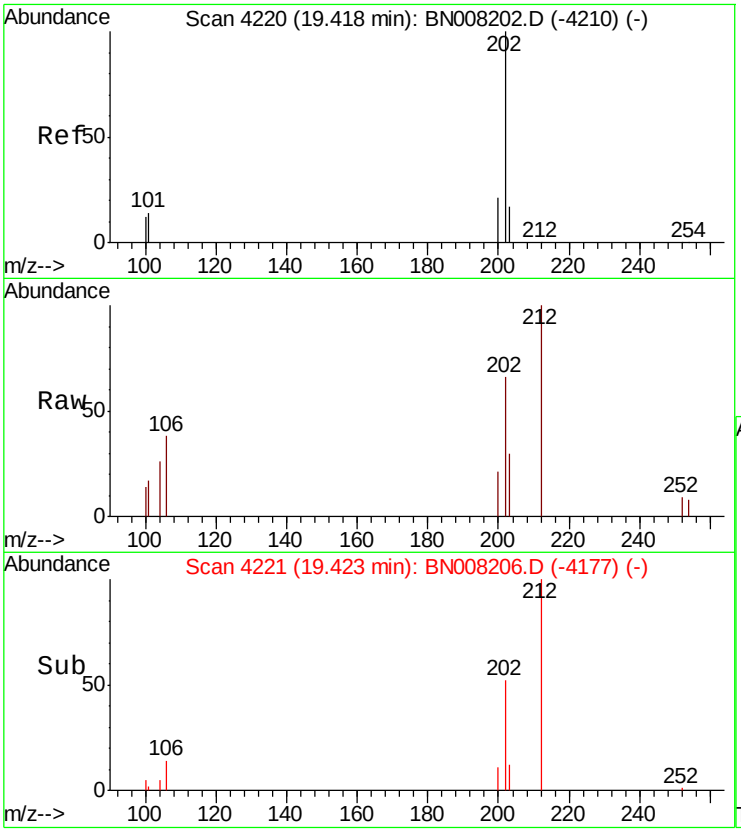


#15
Fluoranthene
Concen: 0.023 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:202 Resp: 1877

Ion	Ratio	Lower	Upper
202	100		
101	23.2	0.0	31.2
100	16.5	0.0	28.5

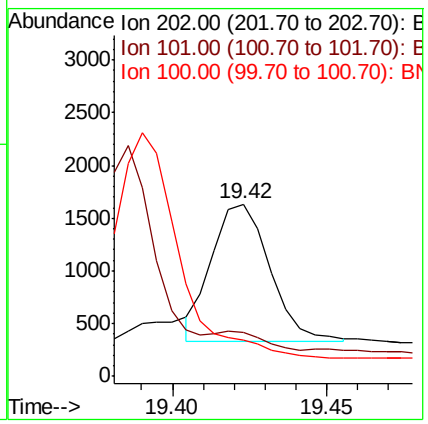


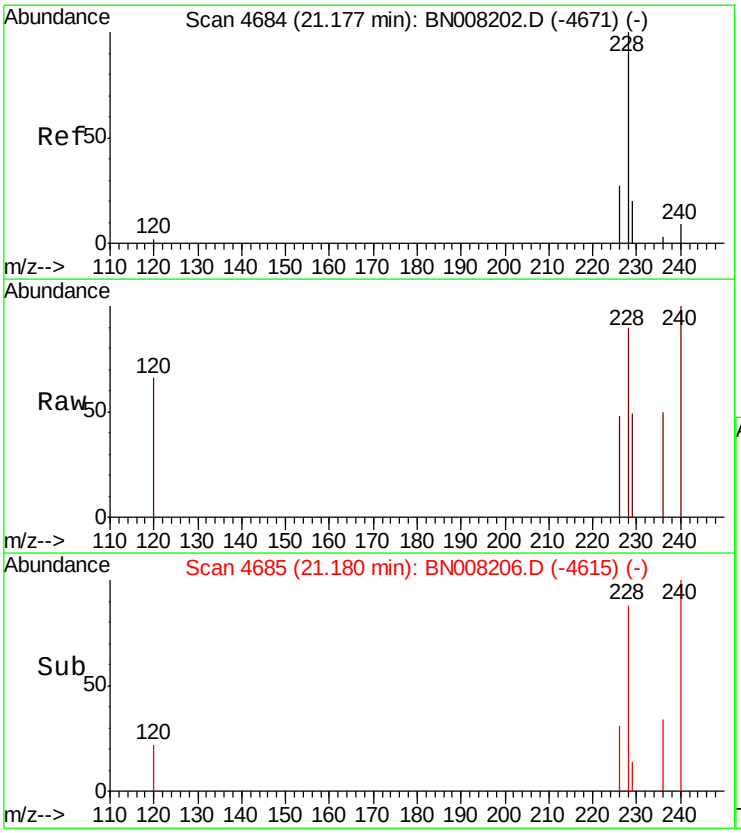


#17
Pyrene
Concen: 0.032 ng/ul m
RT: 19.42 min Scan# 4221
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:202 Resp: 1690

Ion	Ratio	Lower	Upper
202	100		
101	25.4	10.9	16.3#
100	20.7	8.7	13.1#

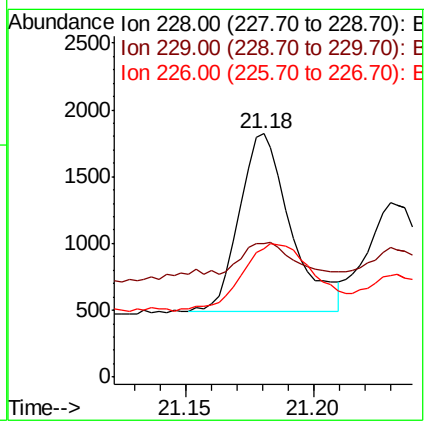


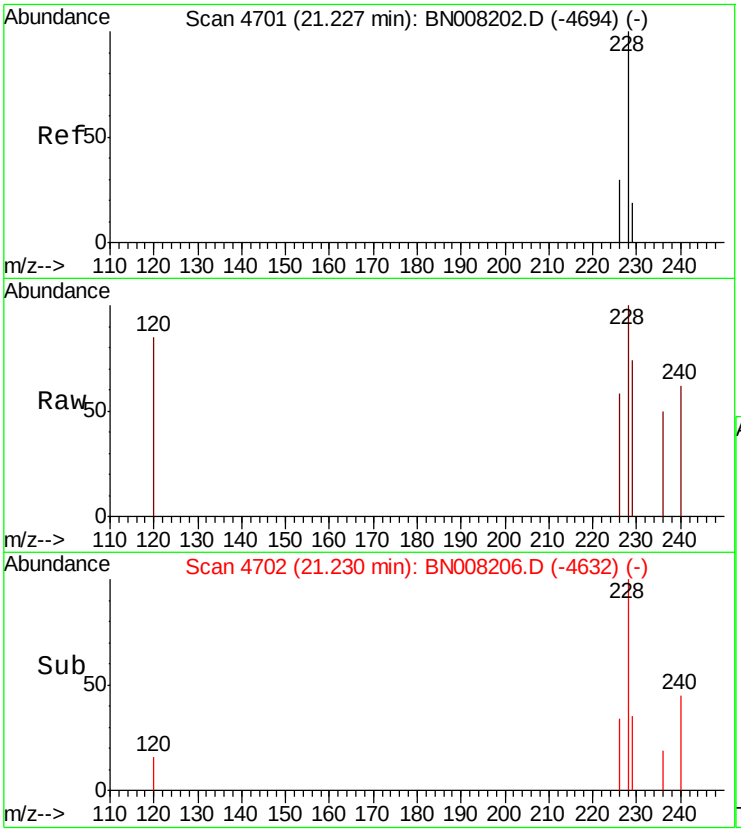


#18
Benzo(a)anthracene
Concen: 0.040 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:228 Resp: 1885

Ion	Ratio	Lower	Upper
228	100		
229	54.8	16.2	24.2#
226	52.9	21.4	32.0#

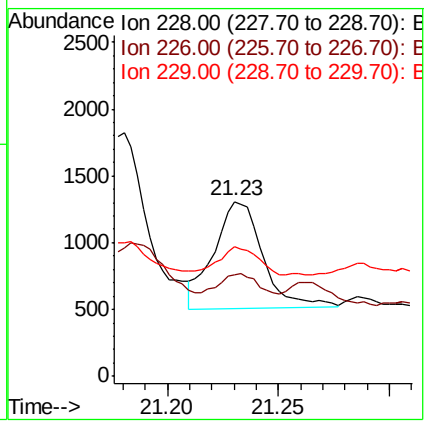


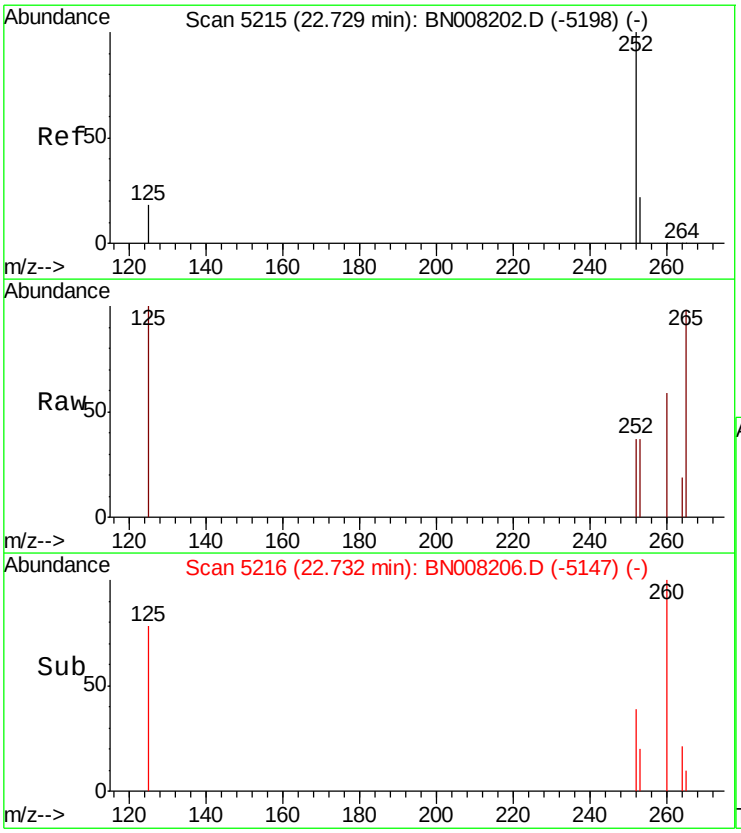


#19
Chrysene
Concen: 0.021 ng/ul
RT: 21.23 min Scan# 4702
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:228 Resp: 1220

Ion	Ratio	Lower	Upper
228	100		
226	58.0	24.1	36.1#
229	74.3	16.2	24.2#





#21
Benzo(b)fluoranthene
Concen: 0.033 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. 0.00 min
Lab File: BN008206.D
Acq: 16 Oct 2019 19:43

Tgt Ion:252 Resp: 1390

Ion	Ratio	Lower	Upper
252	100		
253	98.5	0.0	53.4#
125	269.2	0.0	32.4#