Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008370.D
Acq On : 24 Oct 2019 03:29
Operator : JU
Sample : K5235-09
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Oct 24 04:53:22 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1878	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	9030	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5650	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12372	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10313	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9091	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2466	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6977	0.16	ng/ul	-0.01
Target Compounds						Qvalue
12) Phenanthrene	17.00	178	2350	0.065	ng/ul	94
15) Fluoranthene	19.03	202	6032	0.126	ng/ul	94
17) Pyrene	19.39	202	6874	0.167	ng/ul#	92
18) Benzo(a)anthracene	21.15	228	2928	0.078	ng/ul	92
19) Chrysene	21.20	228	3345	0.073	ng/ul	95
21) Benzo(b)fluoranthene	22.70	252	5415	0.183	ng/ul#	46
22) Benzo(k)fluoranthene	22.70	252	5385	0.161	ng/ul#	45
23) Benzo(a)pyrene	23.24	252	2554	0.082	ng/ul#	47
24) Indeno(1,2,3-cd)pyrene	25.49	276	1644	0.045	ng/ul#	79
26) Benzo(g,h,i)perylene	26.14	276	1659	0.049	ng/ul#	75

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

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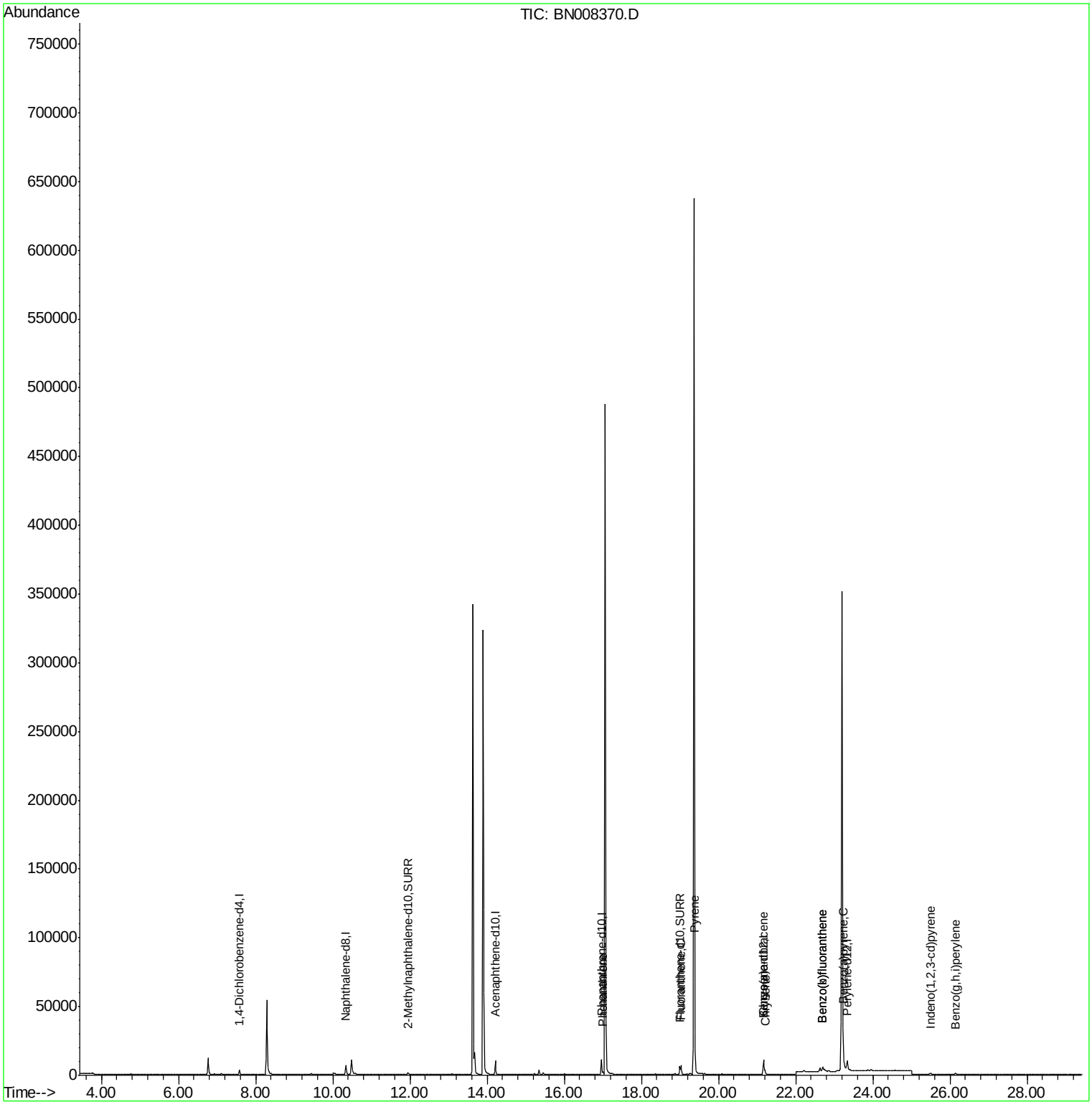
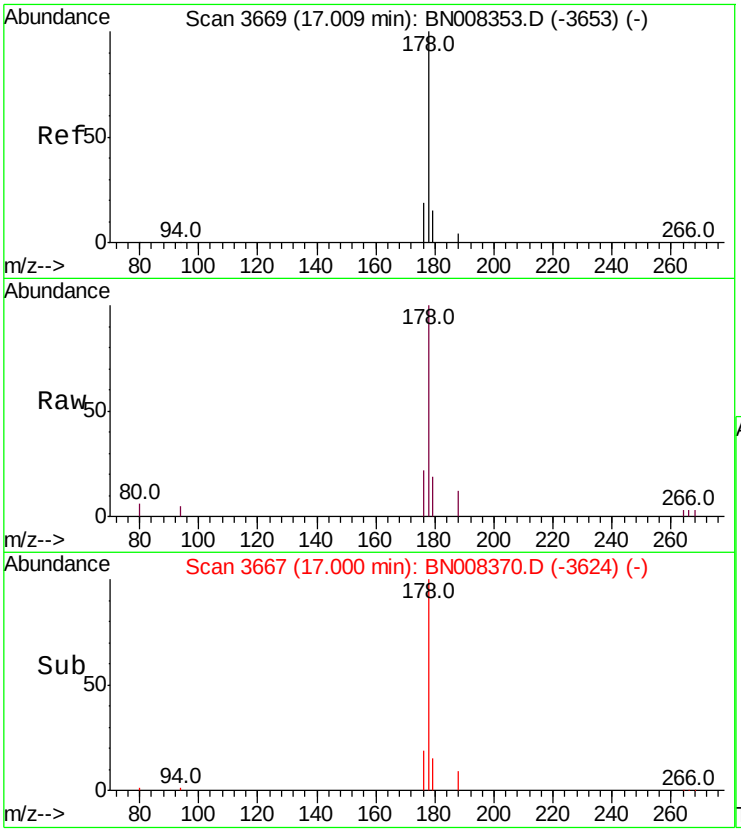
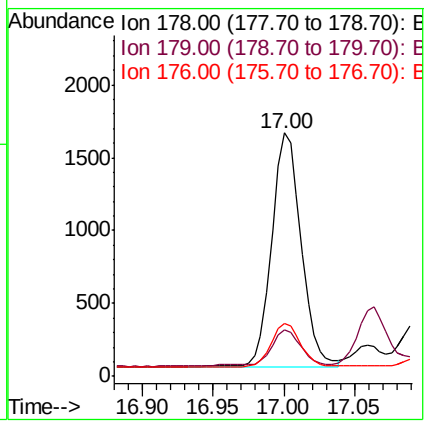


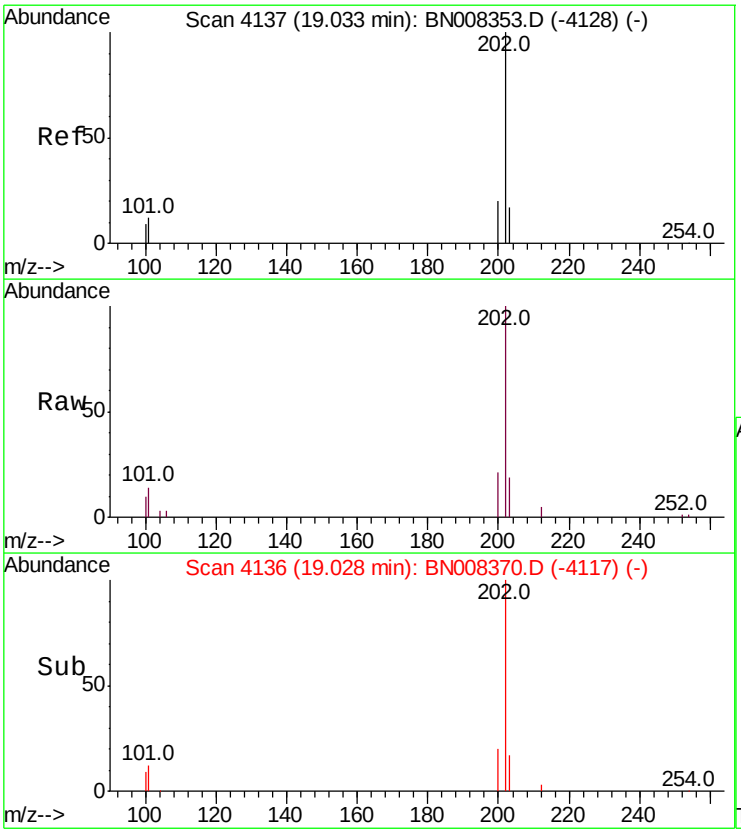


#12
Phenanthrene
Concen: 0.065 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:178 Resp: 2350

Ion	Ratio	Lower	Upper
178	100		
179	19.0	12.8	19.2
176	21.9	15.4	23.2

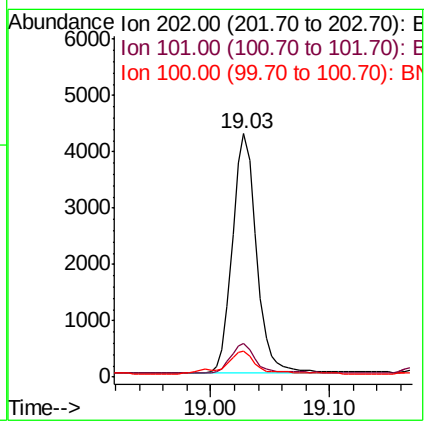


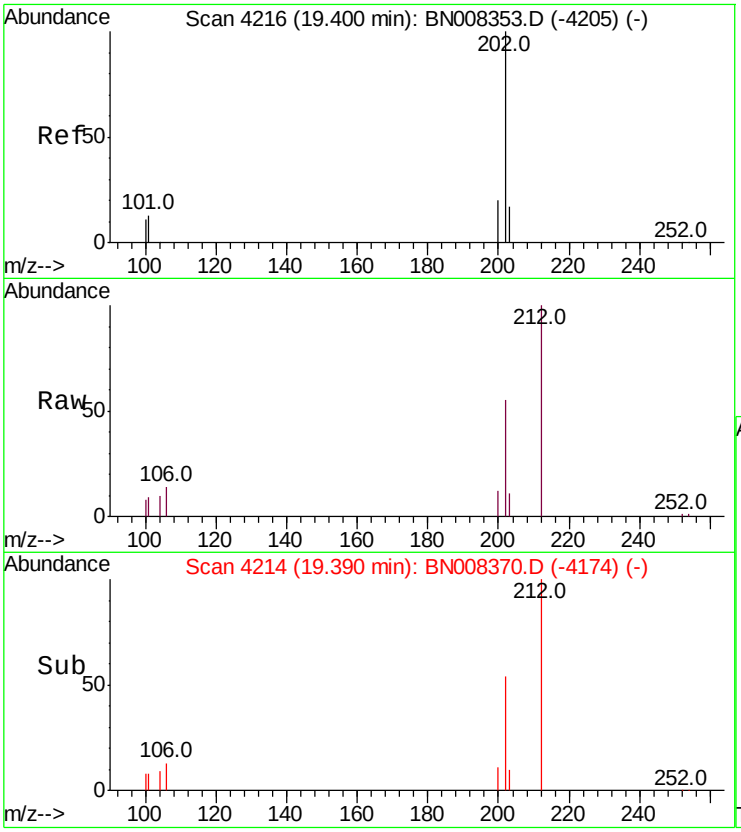


#15
Fluoranthene
Concen: 0.126 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:202 Resp: 6032

Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	31.2
100	10.5	0.0	28.5

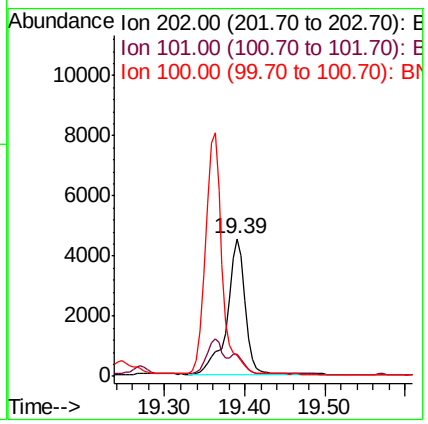


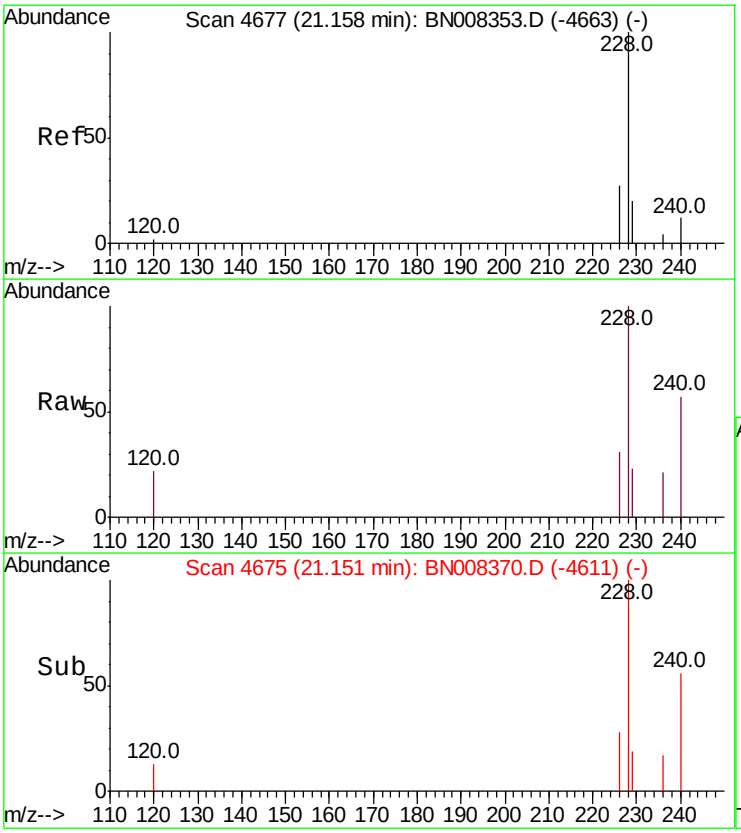


#17
Pyrene
Concen: 0.167 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:202 Resp: 6874

Ion	Ratio	Lower	Upper
202	100		
101	15.7	10.9	16.3
100	15.2	8.7	13.1#

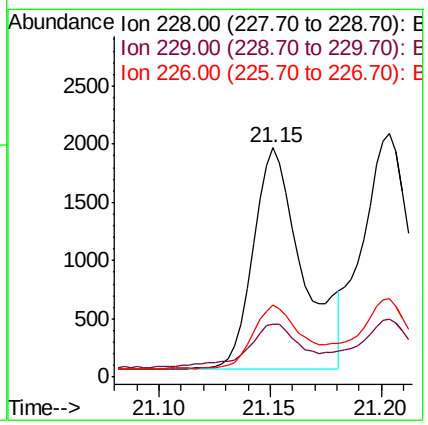


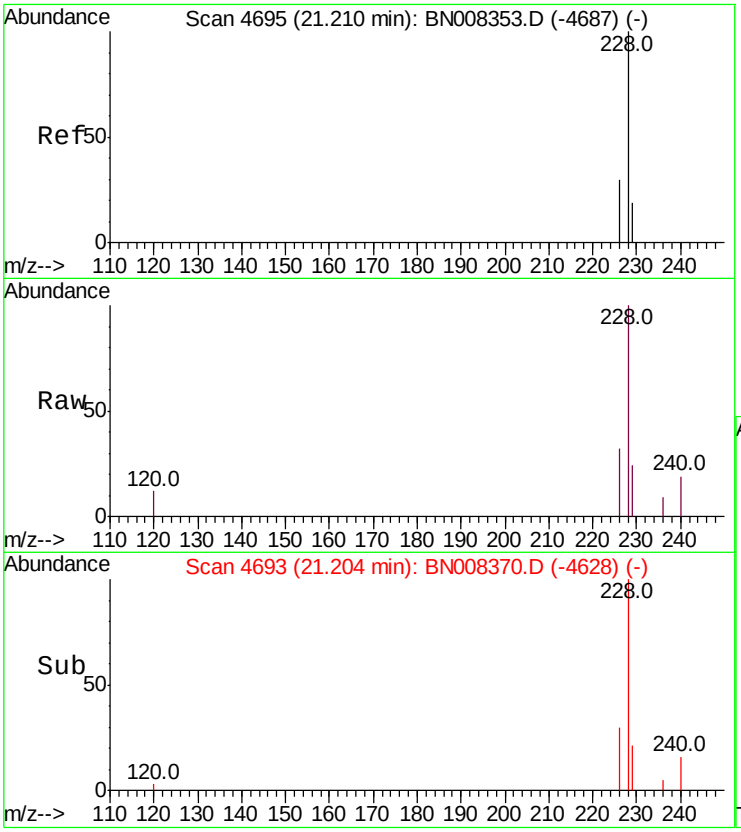


#18
Benzo(a)anthracene
Concen: 0.078 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:228 Resp: 2928

Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.2
226	31.4	21.4	32.0

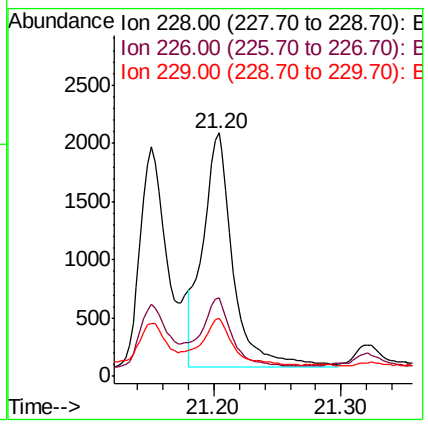


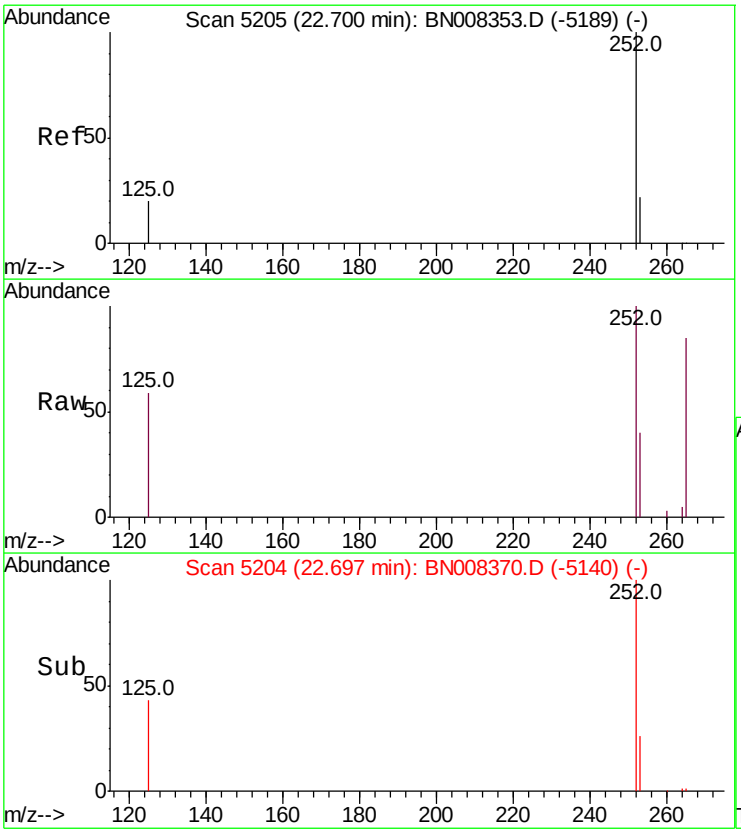


#19
Chrysene
Concen: 0.073 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:228 Resp: 3345

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.1	36.1
229	23.7	16.2	24.2

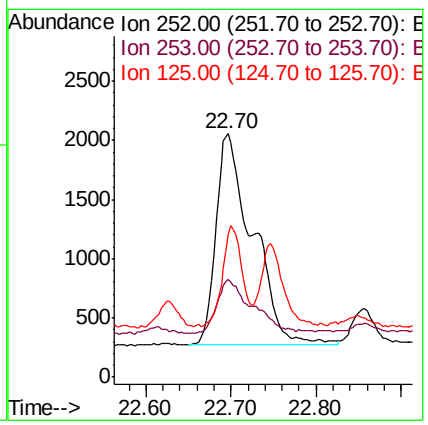


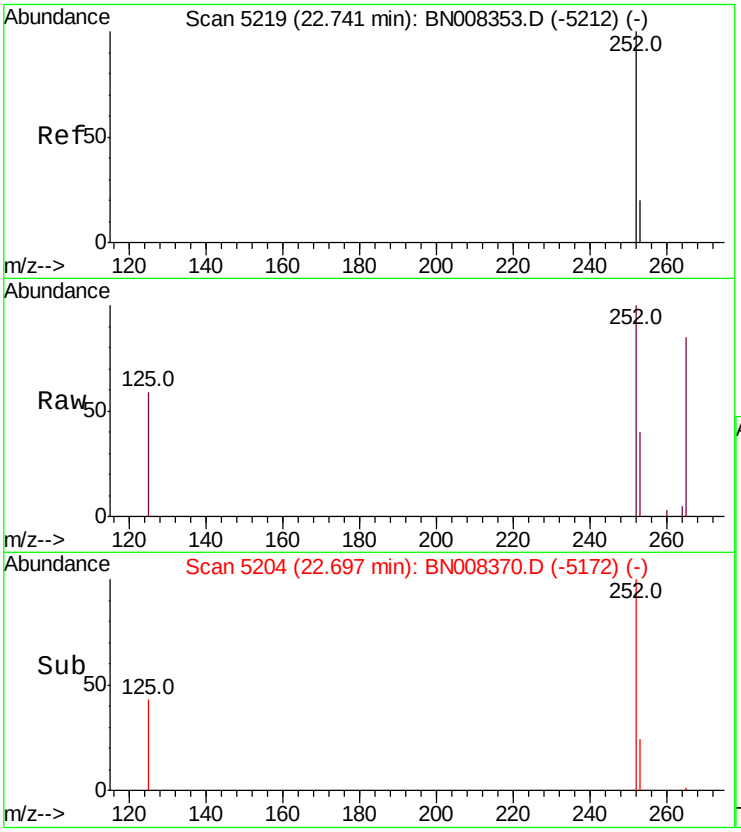


#21
Benzo(b)fluoranthene
Concen: 0.183 ng/ul
RT: 22.70 min Scan# 5204
Delta R.T. -0.01 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:252 Resp: 5415

Ion	Ratio	Lower	Upper
252	100		
253	40.3	0.0	53.4
125	58.8	0.0	32.4#

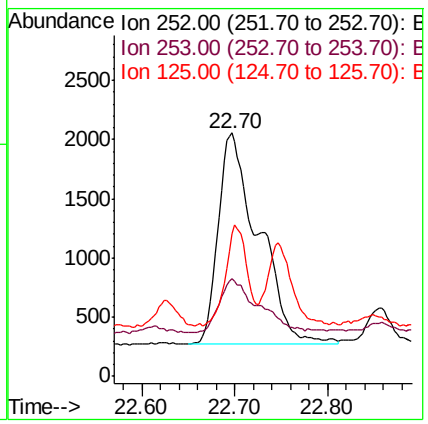


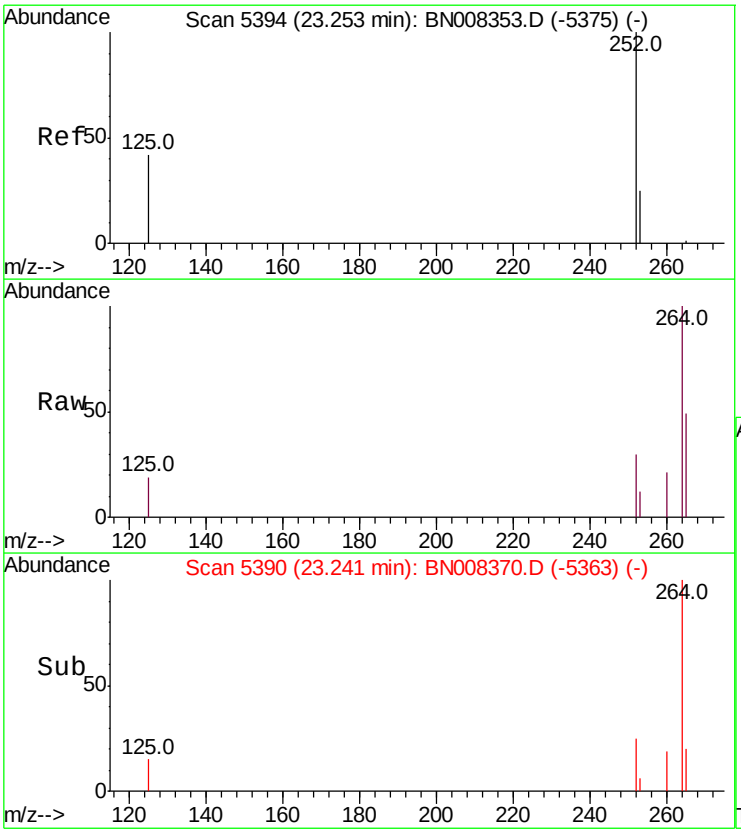


#22
Benzo(k)fluoranthene
Concen: 0.161 ng/ul
RT: 22.70 min Scan# 5204
Delta R.T. -0.06 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:252 Resp: 5385

Ion	Ratio	Lower	Upper
252	100		
253	40.3	21.3	31.9#
125	58.8	12.3	18.5#

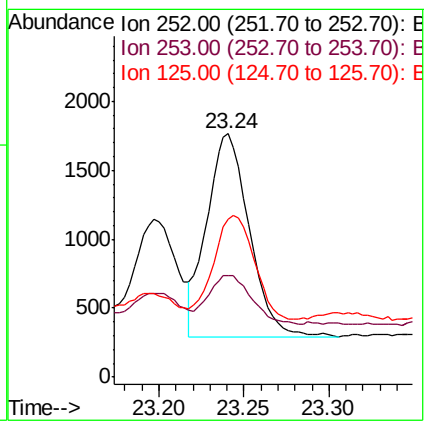


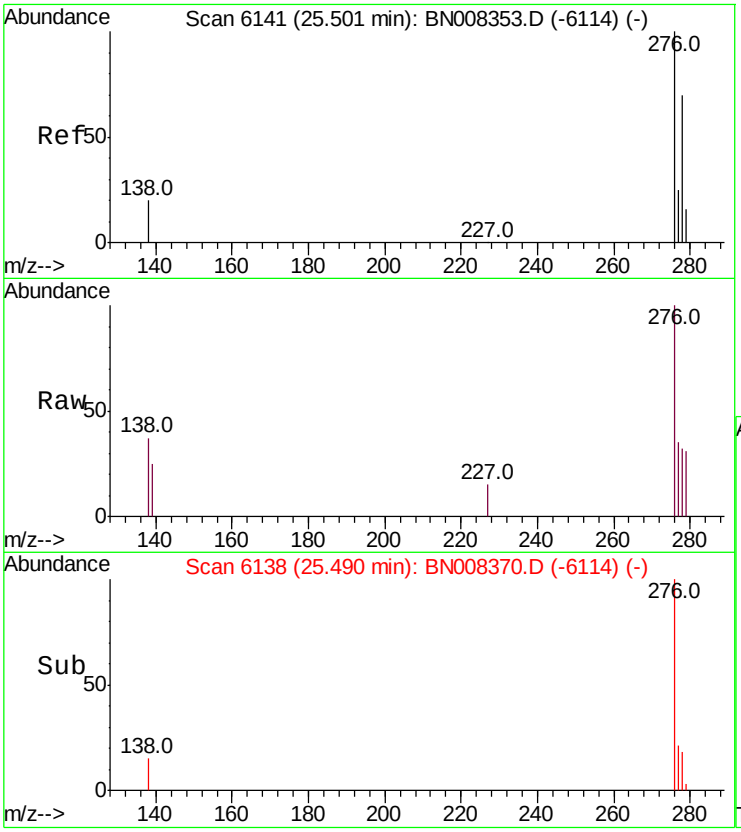


#23
Benzo(a)pyrene
Concen: 0.082 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. -0.02 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:252 Resp: 2554

Ion	Ratio	Lower	Upper
252	100		
253	41.8	22.8	34.2#
125	65.0	18.4	27.6#

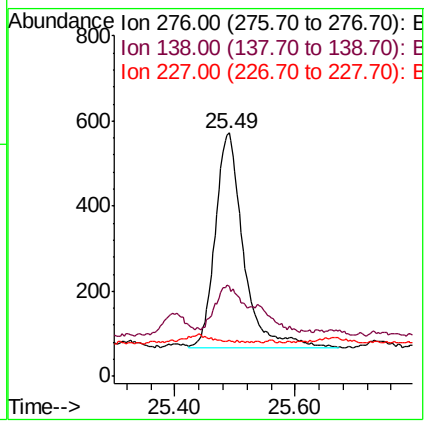


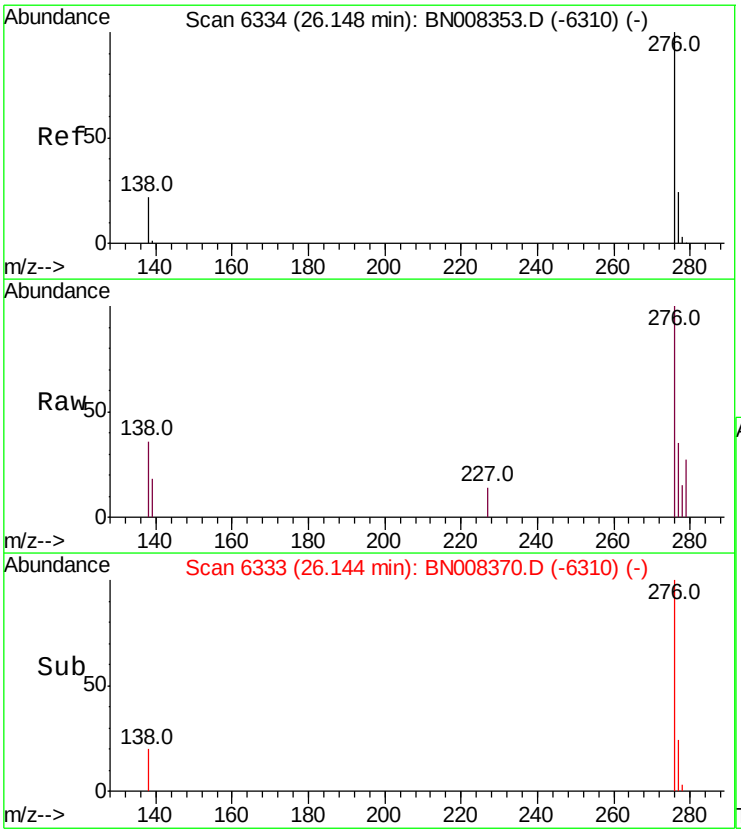


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.045 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:276 Resp: 1644

Ion	Ratio	Lower	Upper
276	100		
138	29.9	16.1	24.1#
227	0.1	0.2	0.2#





#26
Benzo(g,h,i)perylene
Concen: 0.049 ng/ul
RT: 26.14 min Scan# 6333
Delta R.T. -0.02 min
Lab File: BN008370.D
Acq: 24 Oct 2019 03:29

Tgt Ion:276 Resp: 1659

Ion	Ratio	Lower	Upper
276	100		
138	36.2	17.0	25.4#
277	34.9	20.4	30.6#