Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082318\
Data File : BN002471.D
Acq On : 23 Aug 2018 18:18
Operator : JU/SJ
Sample : J4421-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AA4

Quant Time: Aug 23 18:55:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 14:05:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	1522	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	6226	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	3447	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	334246	0.40	ng/ul	0.09
16) Chrysene-d12	21.42	240	23	0.40	ng/ul	0.16
20) Perylene-d12	23.73	264	228	0.40	ng/ul	0.25
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	1629	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	79	0.00	ng/ul	0.09
Target Compounds						Qvalue
7) Acenaphthylene	14.02	152	2510	0.156	ng/ul	98
17) Pyrene	19.48	202	23041	293.723	ng/ul	96
18) Benzo(a)anthracene	21.41	228	690	10.032	ng/ul#	30
19) Chrysene	21.41	228	690	8.872	ng/ul#	27
21) Benzo(b)fluoranthene	22.98	252	2184	2.666	ng/ul	85
22) Benzo(k)fluoranthene	23.18	252	65	0.077	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.96	276	245	0.305	ng/ul#	41
25) Dibenzo(a,h)anthracene	25.96	278	852	1.347	ng/ul#	71
26) Benzo(g,h,i)perylene	26.74	276	1214	1.766	ng/ul#	81

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

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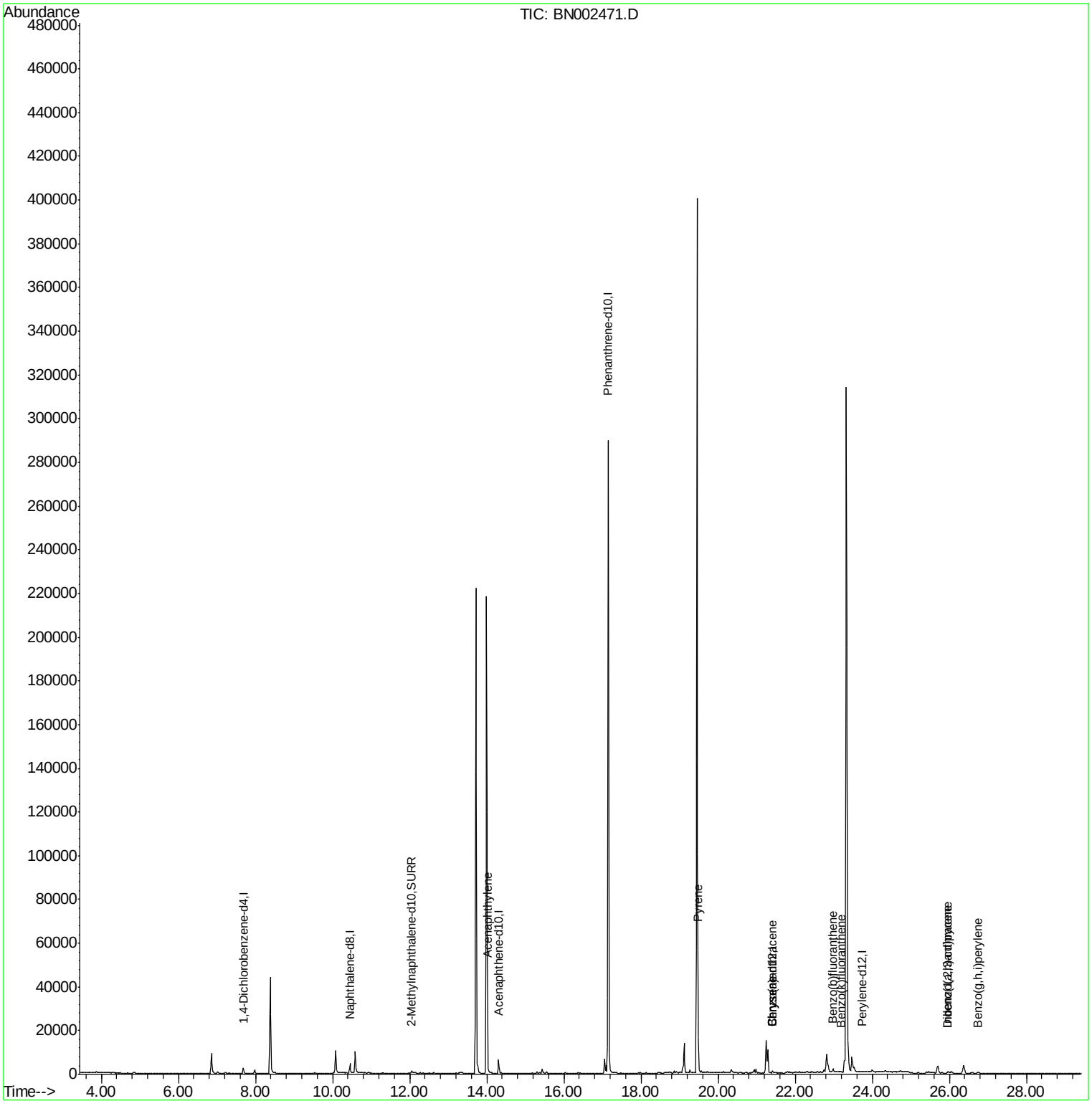
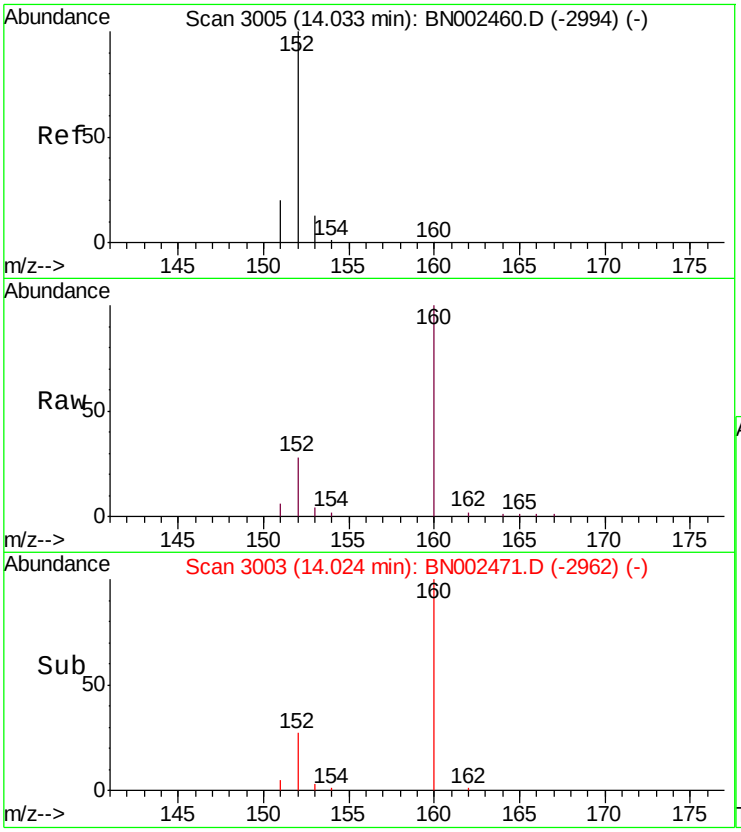


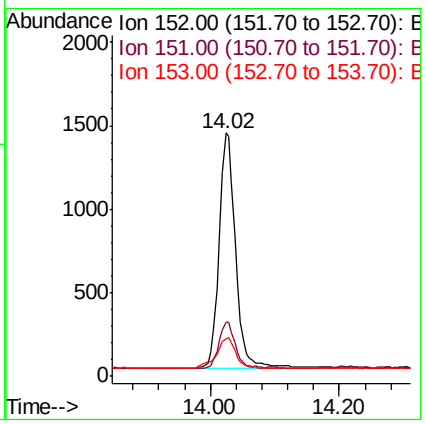


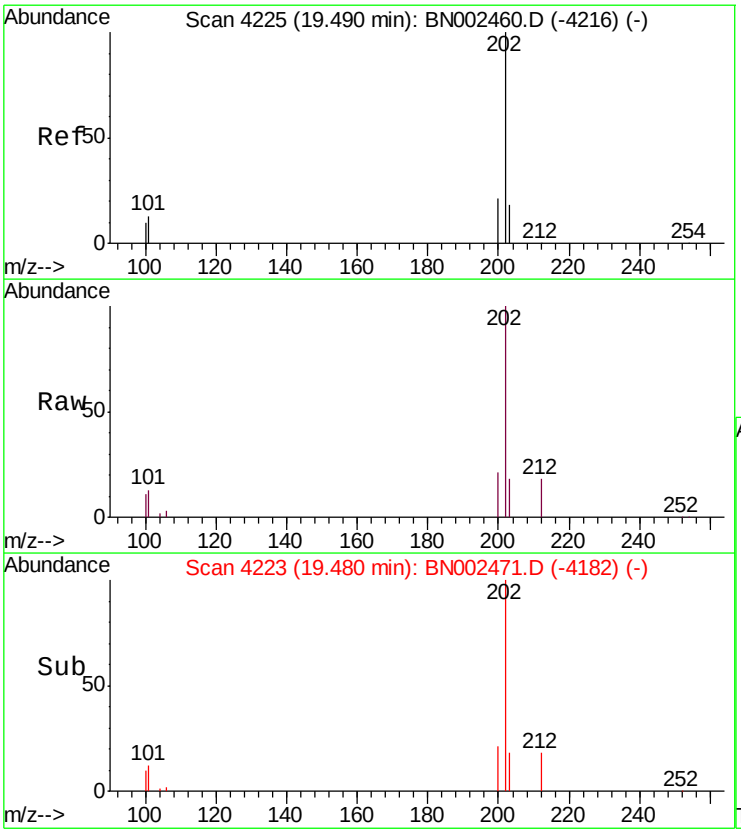
#7
Acenaphthylene
Concen: 0.156 ng/ul
RT: 14.02 min Scan# 3003
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tgt Ion:152 Resp: 2510

Ion	Ratio	Lower	Upper
152	100		
151	22.3	17.1	25.7
153	15.5	12.8	19.2

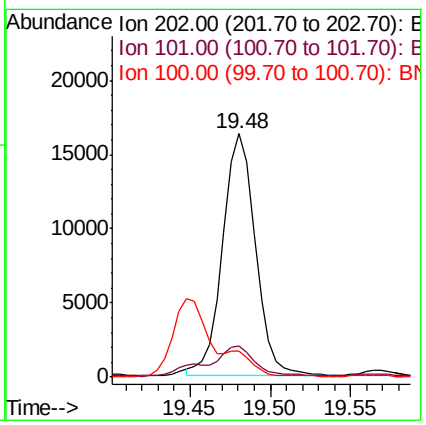


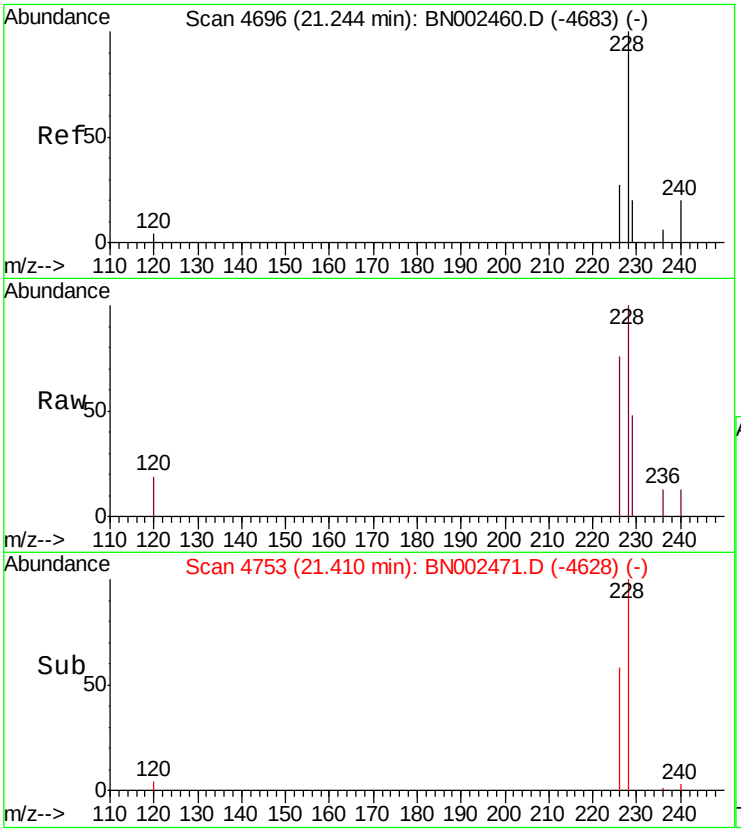


#17
Pyrene
Concen: 293.723 ng/ul
RT: 19.48 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:202 Resp: 23041

Ion	Ratio	Lower	Upper
202	100		
101	12.8	12.0	18.0
100	10.6	8.0	12.0



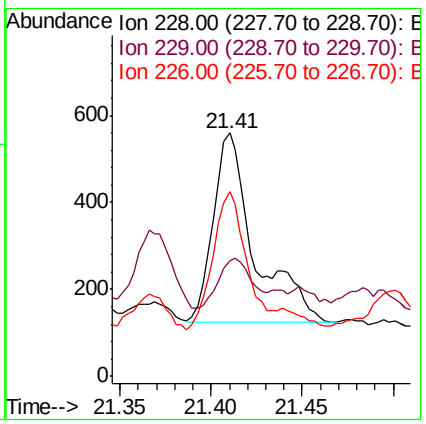


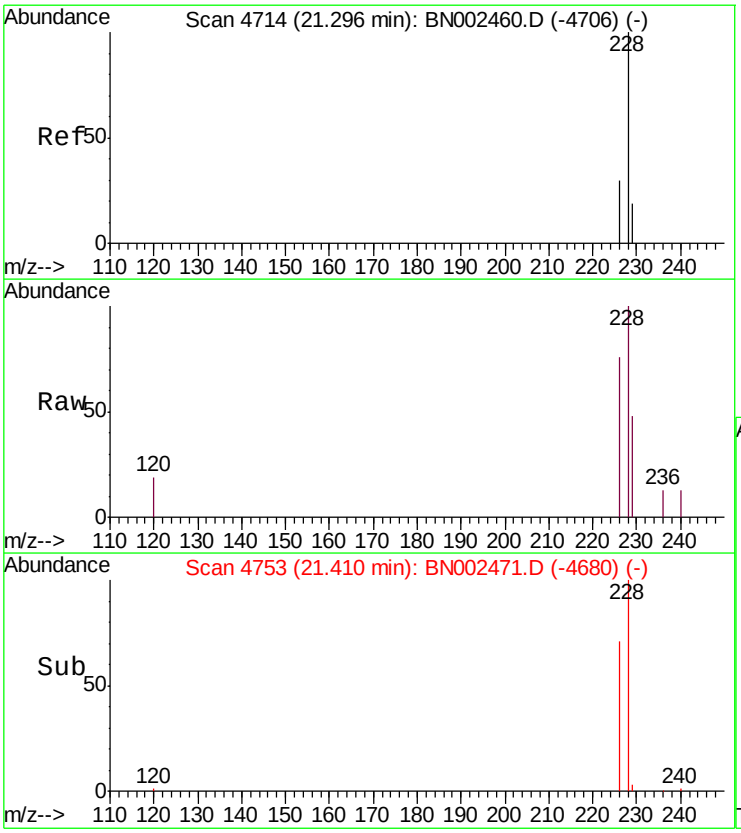
#18
Benzo(a)anthracene
Concen: 10.032 ng/ul
RT: 21.41 min Scan# 4753
Delta R.T. 0.17 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tgt Ion:228 Resp: 690

Ion	Ratio	Lower	Upper
228	100		
229	47.7	22.8	34.2#
226	75.9	17.0	25.6#

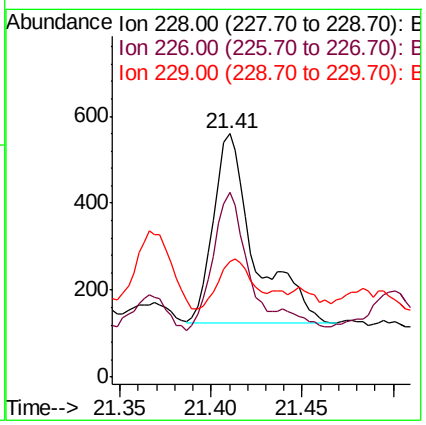


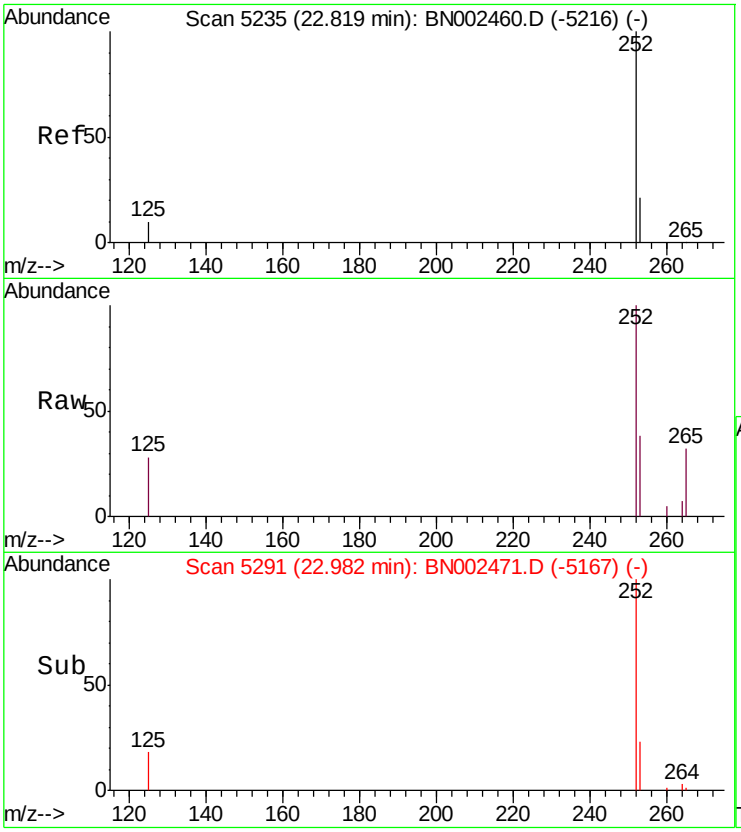


#19
Chrysene
Concen: 8.872 ng/ul
RT: 21.41 min Scan# 4753
Delta R.T. 0.11 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:228 Resp: 690

Ion	Ratio	Lower	Upper
228	100		
226	75.9	23.4	35.0#
229	47.7	17.7	26.5#



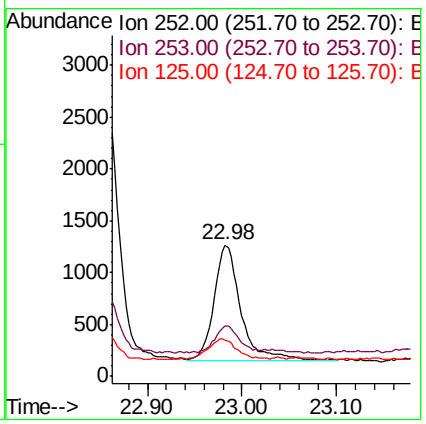


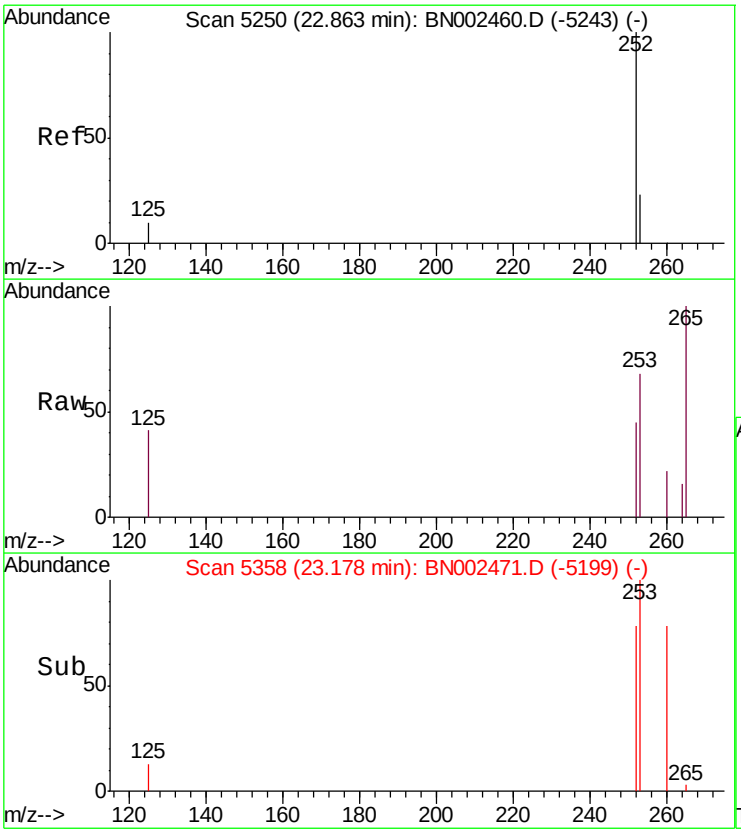
#21
Benzo(b)fluoranthene
Concen: 2.666 ng/ul
RT: 22.98 min Scan# 5291
Delta R.T. 0.16 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tgt Ion:252 Resp: 2184

Ion	Ratio	Lower	Upper
252	100		
253	38.0	0.0	64.2
125	28.1	0.0	35.0

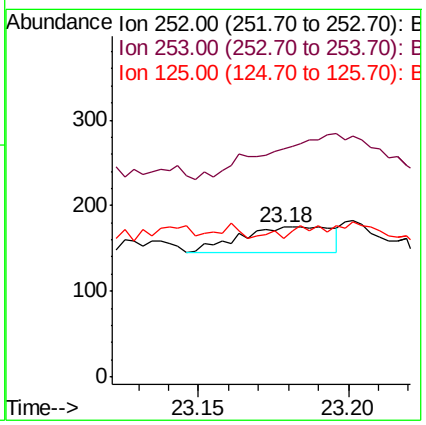


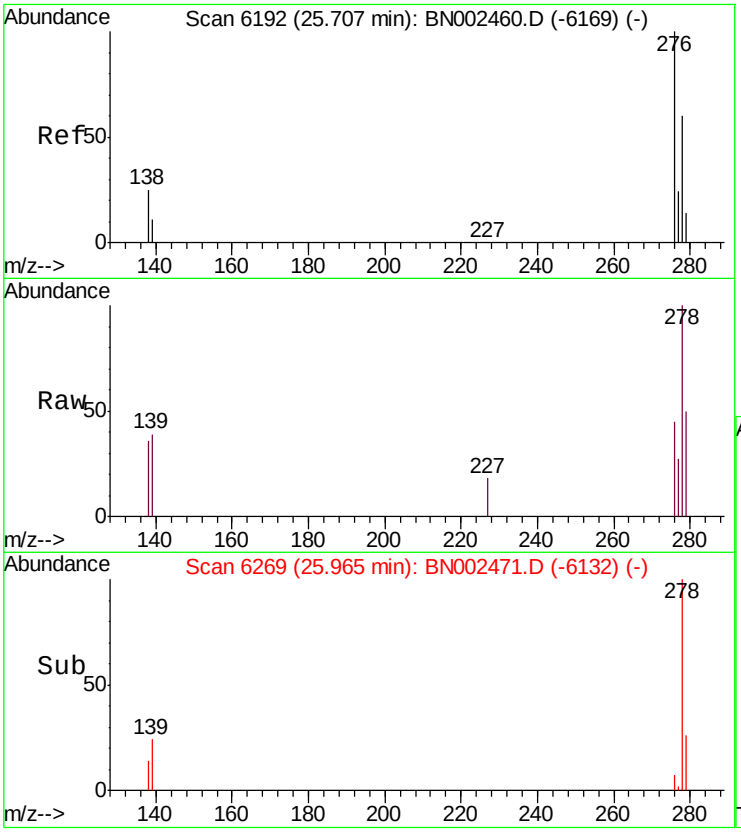


#22
Benzo(k)fluoranthene
Concen: 0.077 ng/ul
RT: 23.18 min Scan# 5358
Delta R.T. 0.32 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:252 Resp: 65

Ion	Ratio	Lower	Upper
252	100		
253	152.0	24.5	36.7#
125	92.0	13.7	20.5#



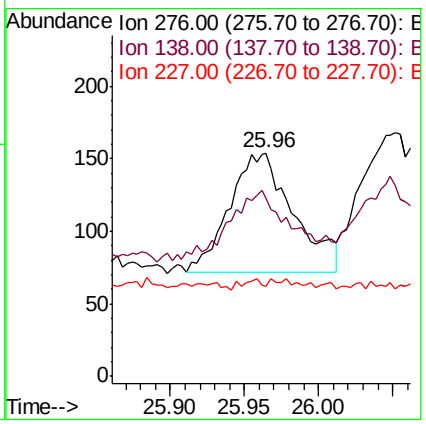


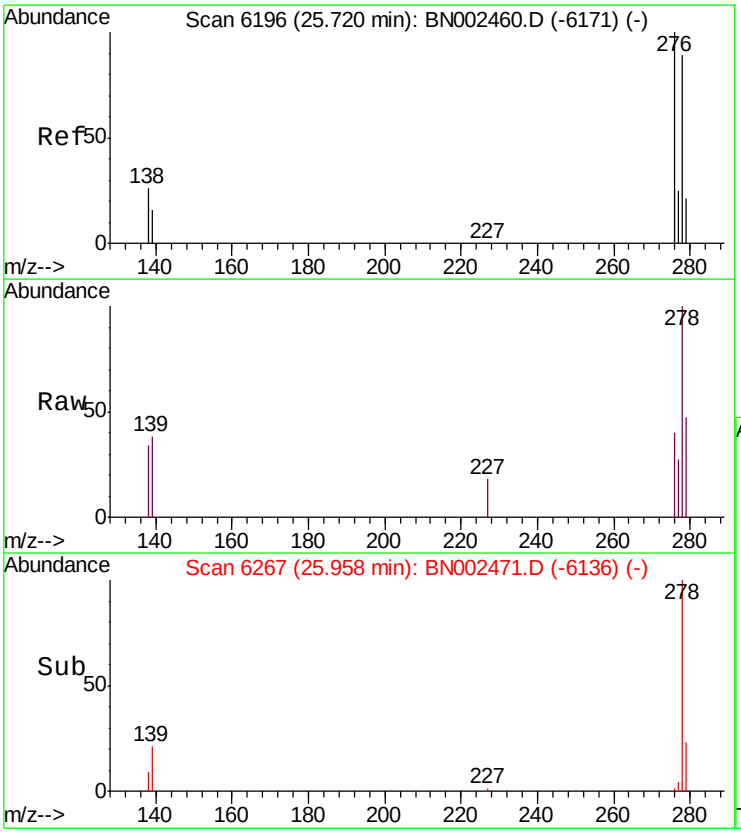
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 25.96 min Scan# 6269
Delta R.T. 0.26 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tgt Ion:276 Resp: 245

Ion	Ratio	Lower	Upper
276	100		
138	0.0	28.0	42.0#
227	2.9	0.8	1.2#

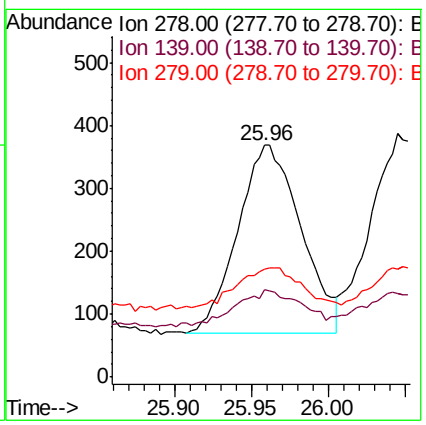


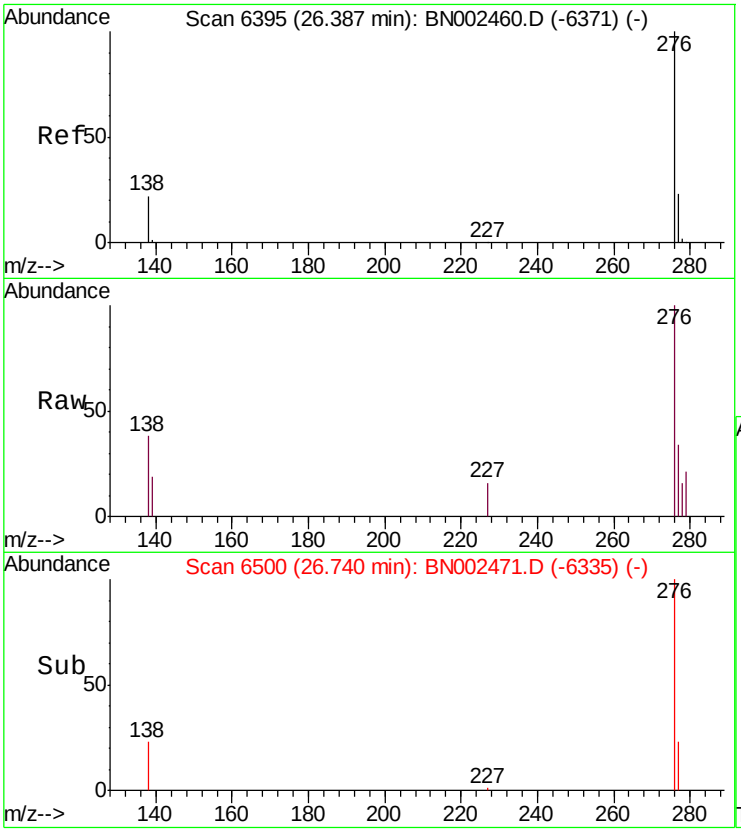


#25
Dibenzo(a,h)anthracene
Concen: 1.347 ng/ul
RT: 25.96 min Scan# 6267
Delta R.T. 0.24 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Tgt Ion:278 Resp: 852

Ion	Ratio	Lower	Upper
278	100		
139	37.8	17.4	26.0#
279	46.7	25.9	38.9#





#26
Benzo(g,h,i)perylene
Concen: 1.766 ng/ul
RT: 26.74 min Scan# 6500
Delta R.T. 0.35 min
Lab File: BN002471.D
Acq: 23 Aug 2018 18:18

Instrument :
BNA_N
ClientSampleId :
C0AA4

Tgt Ion:276 Resp: 1214

Ion	Ratio	Lower	Upper
276	100		
138	37.8	21.8	32.8#
277	34.3	20.5	30.7#