Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008372.D
Acq On : 24 Oct 2019 04:41
Operator : JU
Sample : K5235-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 24 05:56:03 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	1775	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	8688	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5444	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12050	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	10902	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	9277	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2434	0.17	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	7525	0.18	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.38	128	585	0.024	ng/ul#	69
7) Acenaphthylene	13.93	152	2328	0.090	ng/ul#	94
9) Fluorene	15.27	166	579	0.025	ng/ul#	92
12) Phenanthrene	17.00	178	13965	0.396	ng/ul	100
13) Anthracene	17.09	178	3304	0.106	ng/ul	95
15) Fluoranthene	19.03	202	44912	0.964	ng/ul	99
17) Pyrene	19.39	202	40984	0.944	ng/ul	98
18) Benzo(a)anthracene	21.15	228	20982	0.529	ng/ul	96
19) Chrysene	21.20	228	24917	0.512	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	38002	1.258	ng/ul	97
22) Benzo(k)fluoranthene	22.69	252	38002	1.111	ng/ul	97
23) Benzo(a)pyrene	23.24	252	17202	0.541	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.48	276	11373	0.304	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	3282	0.111	ng/ul#	84
26) Benzo(g,h,i)perylene	26.14	276	10740	0.313	ng/ul	97

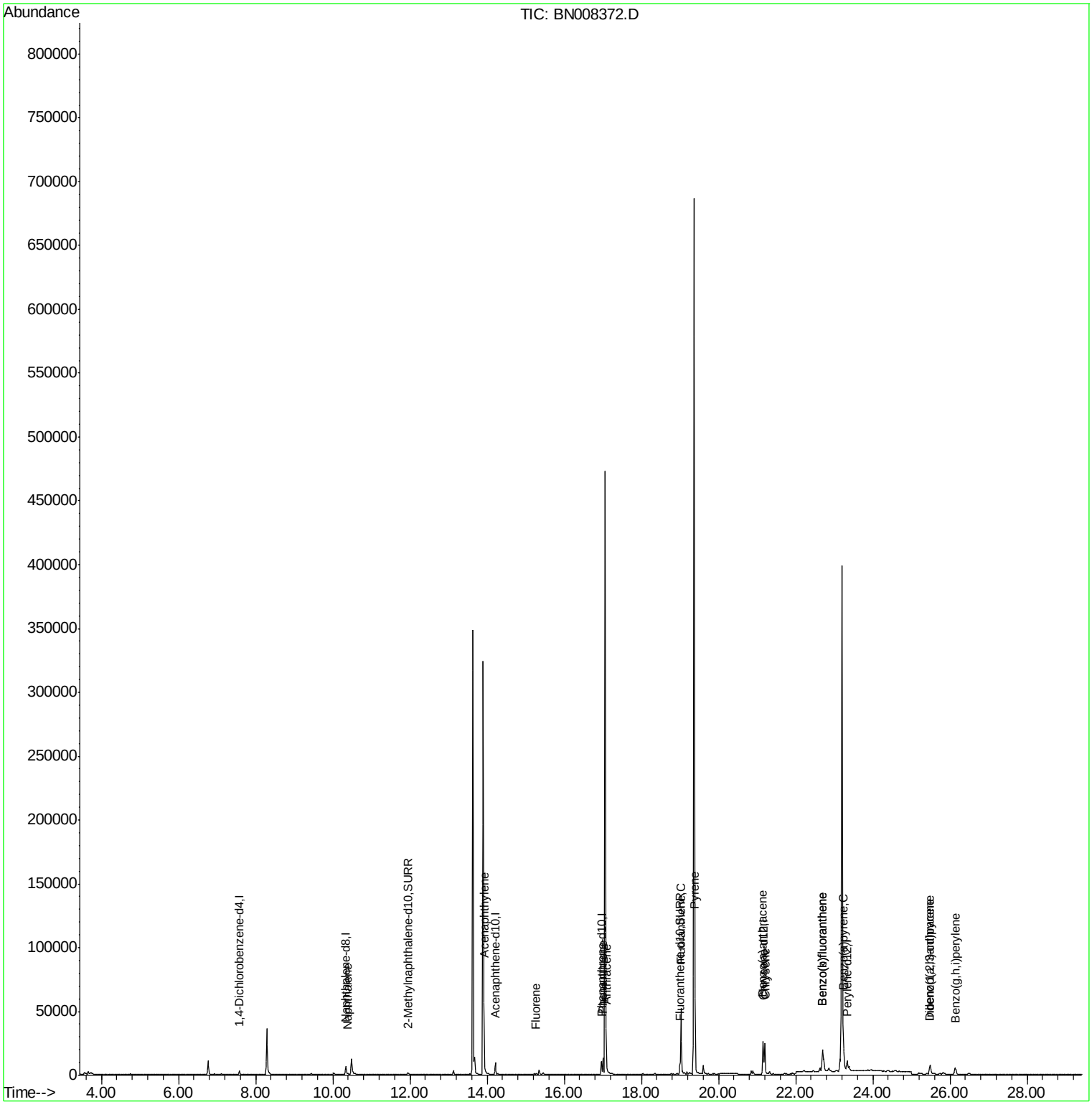
(#) = qualifier out of range (m) = manual integration (+) = signals summed

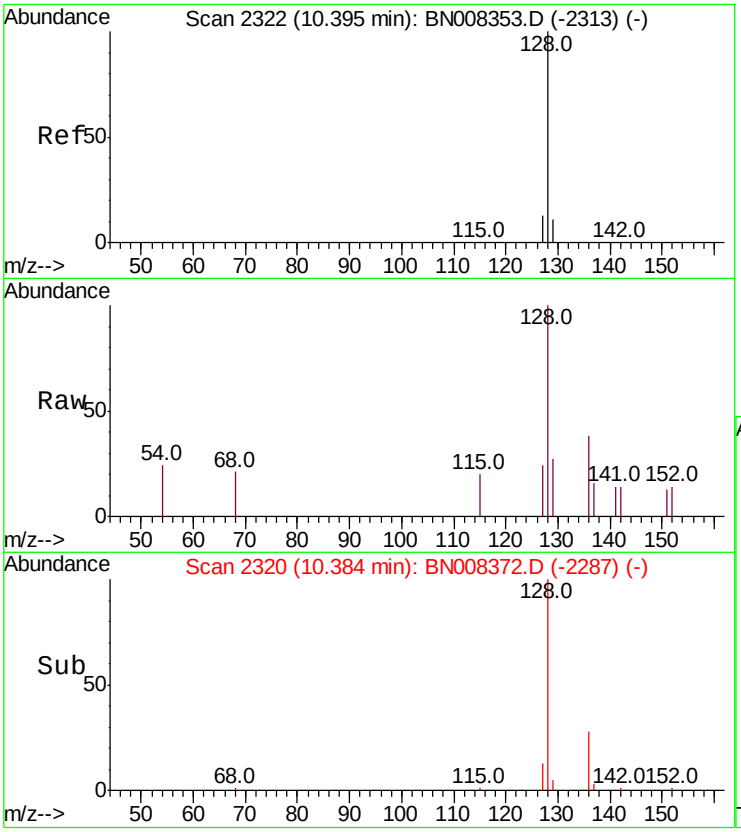
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008372.D
Acq On : 24 Oct 2019 04:41
Operator : JU
Sample : K5235-11
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 24 05:56:03 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



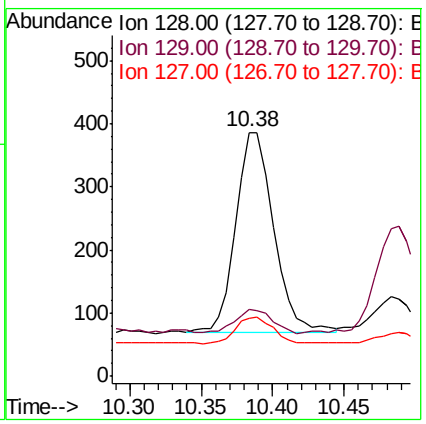


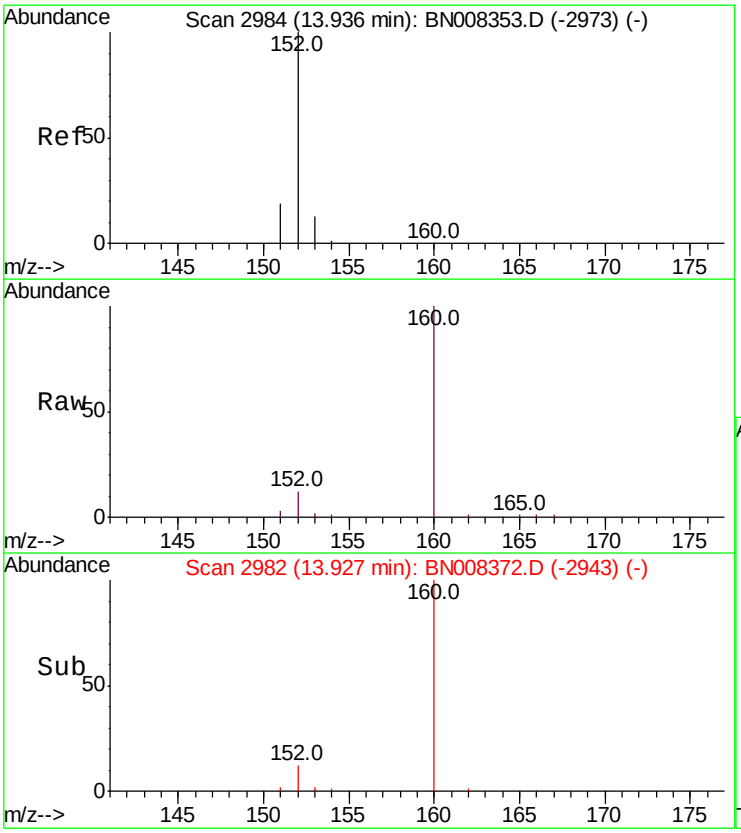
#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 585

Ion	Ratio	Lower	Upper
128	100		
129	27.5	9.8	14.8#
127	23.8	11.1	16.7#

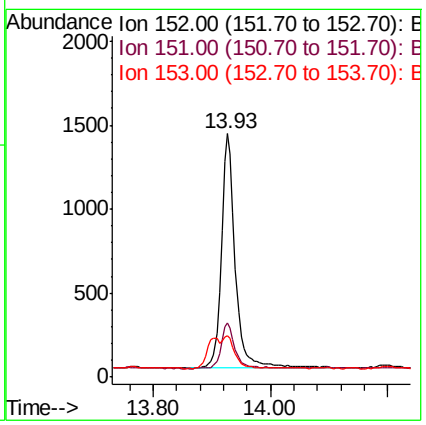


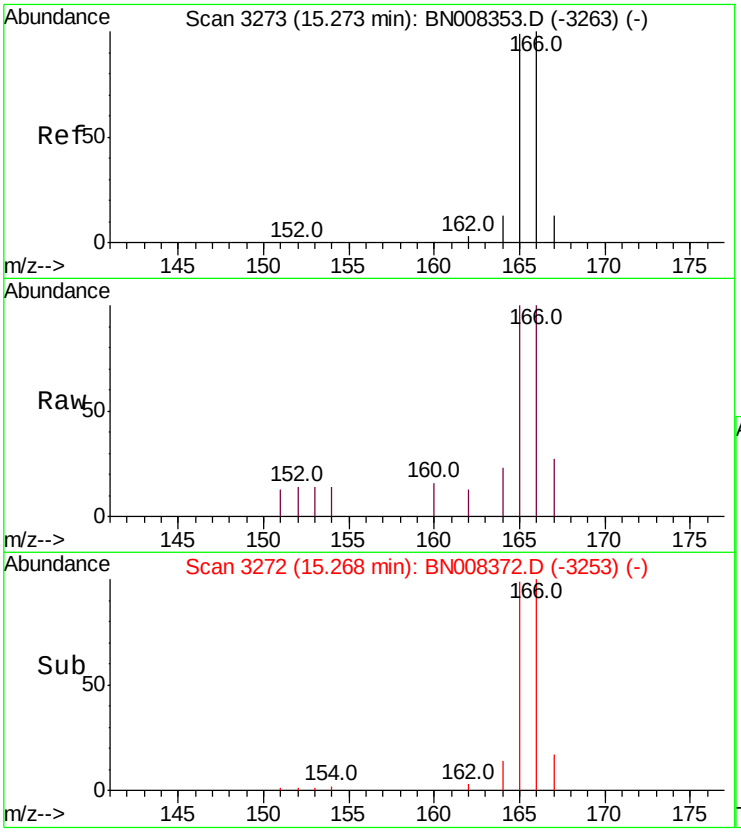


#7
Acenaphthylene
Concen: 0.090 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:152 Resp: 2328

Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.2	24.4
153	17.2	11.0	16.4#



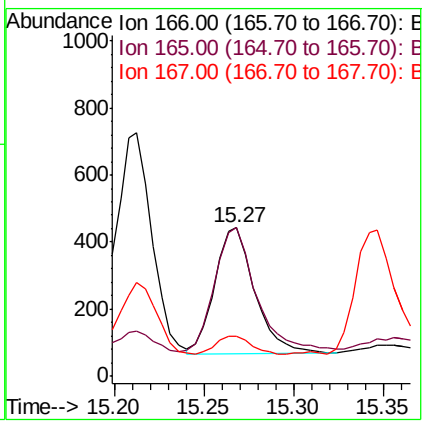


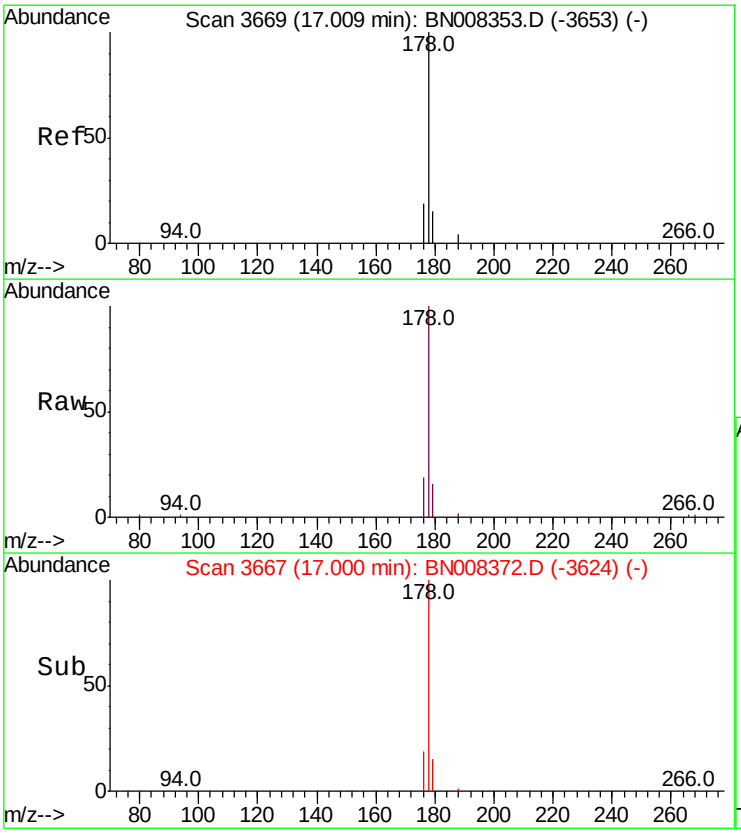
#9
Fluorene
Concen: 0.025 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 579

Ion	Ratio	Lower	Upper
166	100		
165	100.2	76.6	115.0
167	27.4	11.7	17.5#

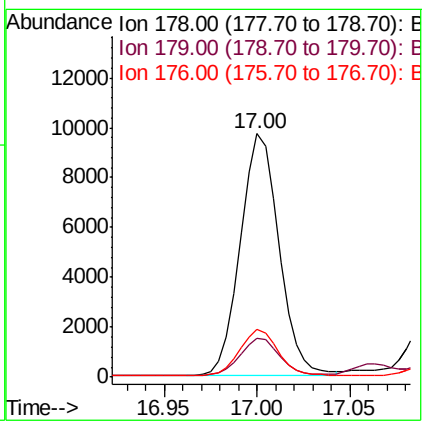


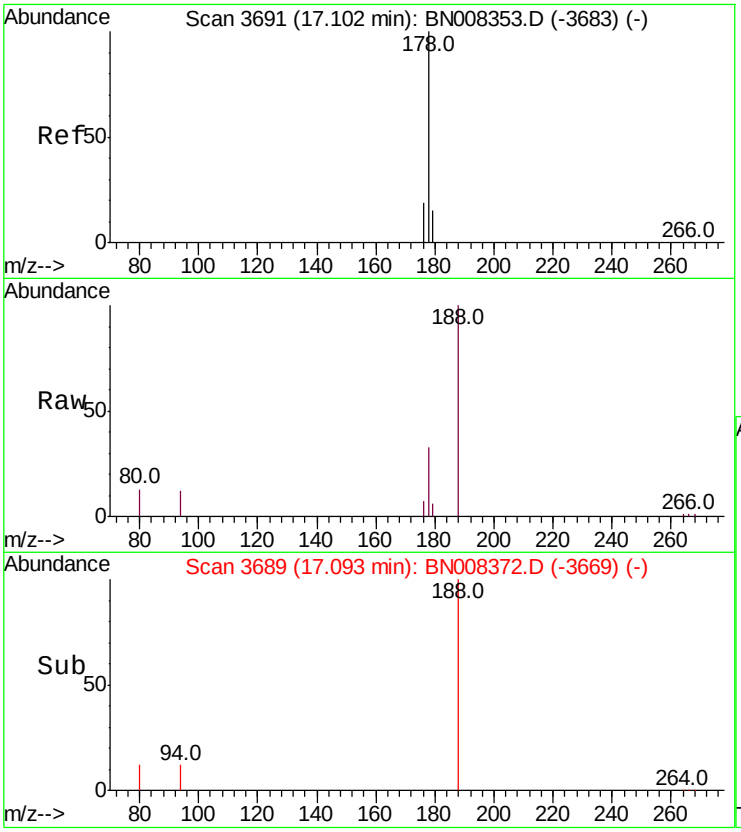


#12
Phenanthrene
Concen: 0.396 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:178 Resp: 13965

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.4	15.4	23.2



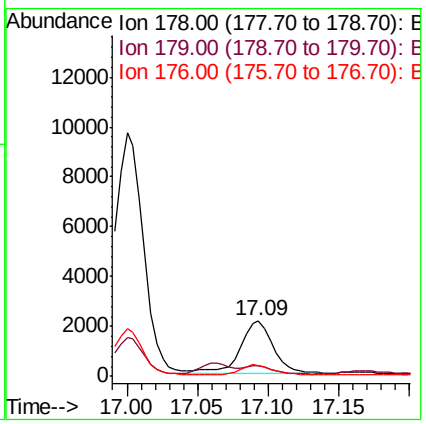


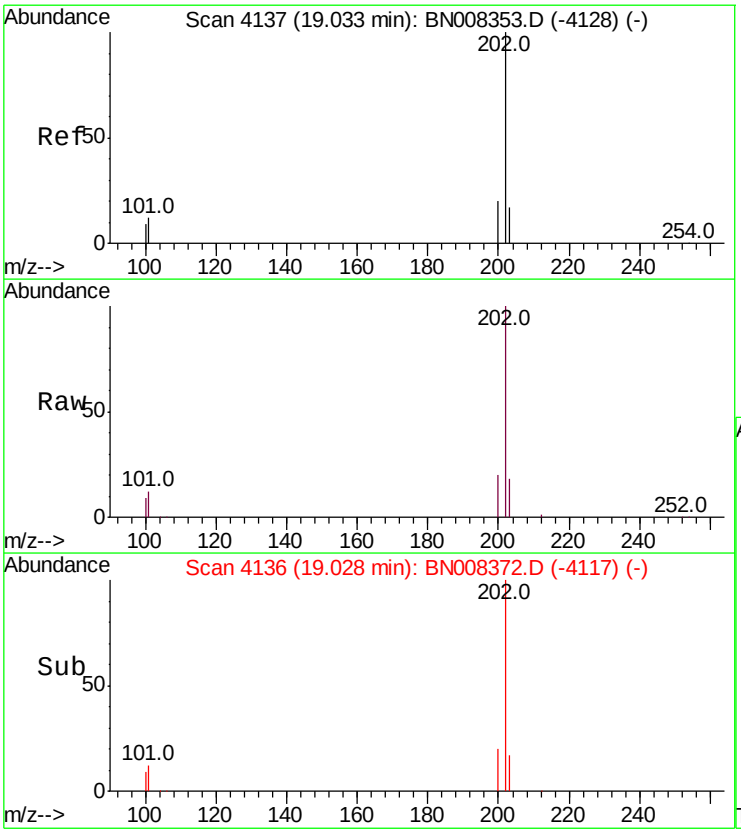
#13
Anthracene
Concen: 0.106 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 3304

Ion	Ratio	Lower	Upper
178	100		
179	19.0	13.0	19.6
176	20.2	15.0	22.6

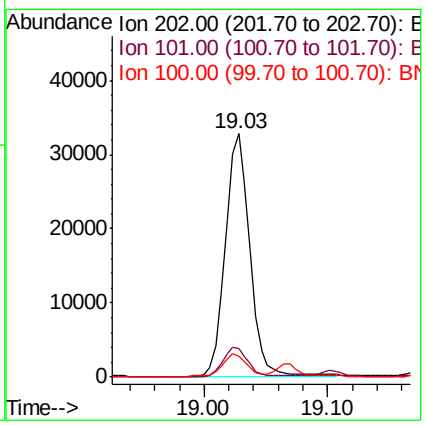


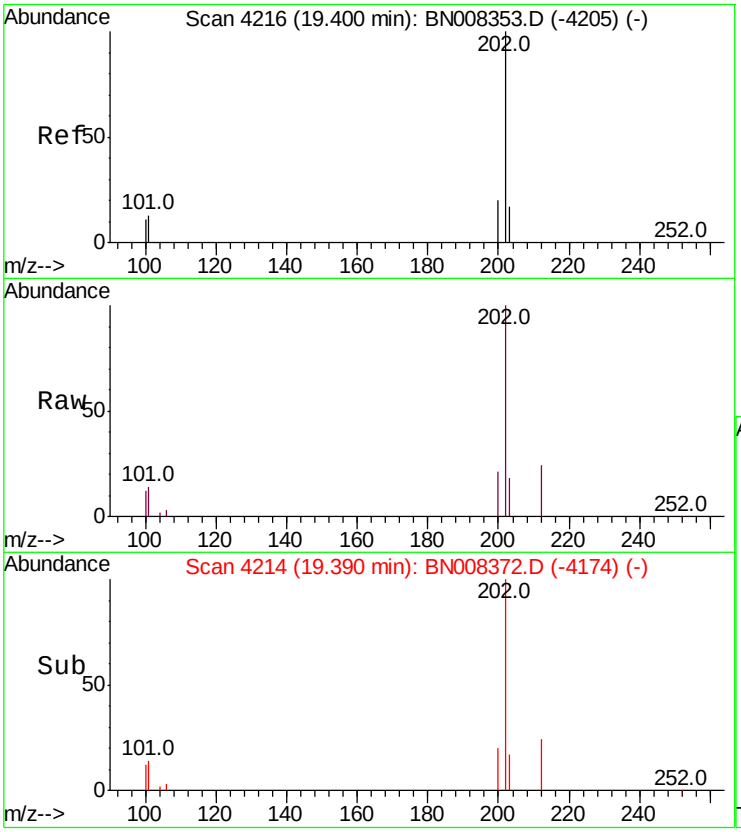


#15
Fluoranthene
Concen: 0.964 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:202 Resp: 44912

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	8.8	0.0	28.5



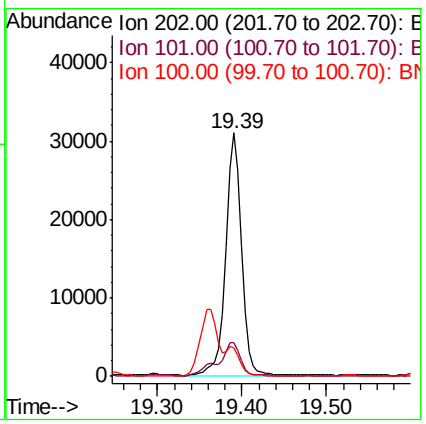


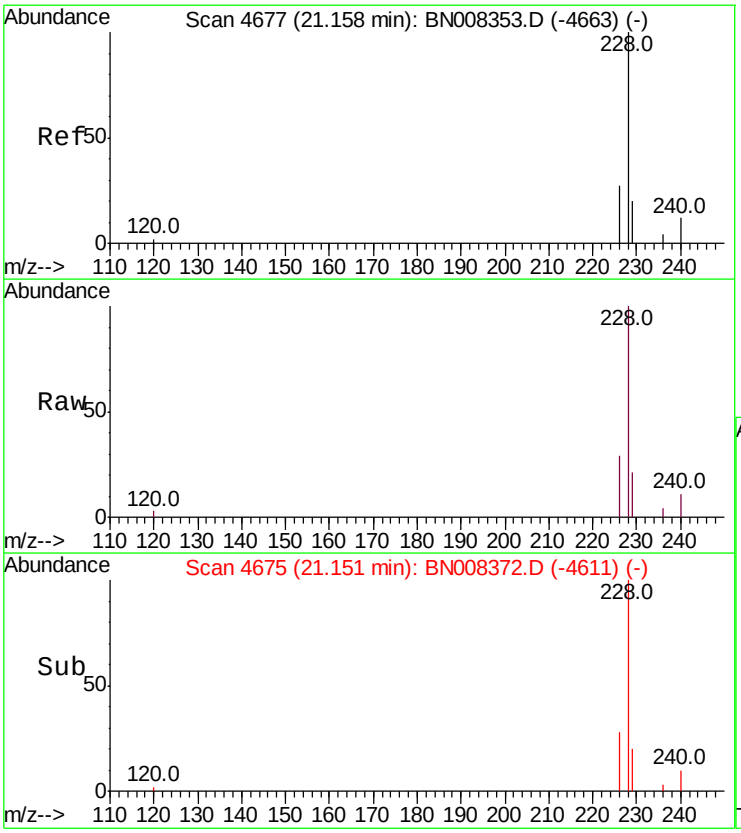
#17
Pyrene
Concen: 0.944 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 40984

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.8	8.7	13.1

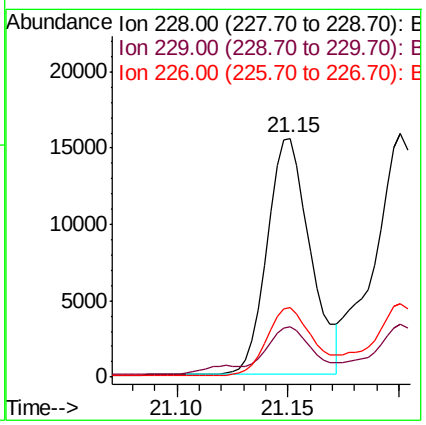


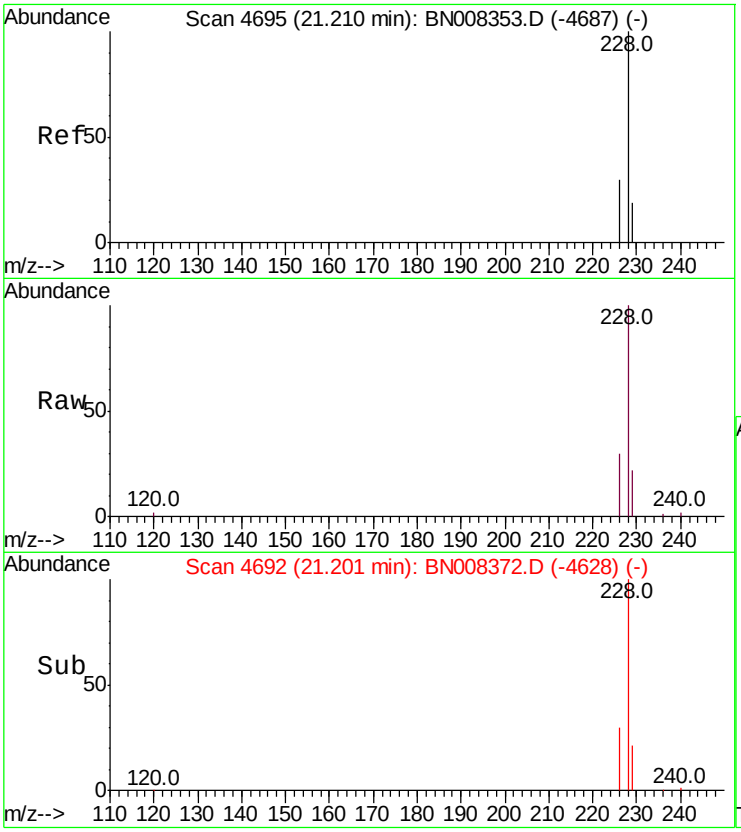


#18
Benzo(a)anthracene
Concen: 0.529 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:228 Resp: 20982

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	29.1	21.4	32.0



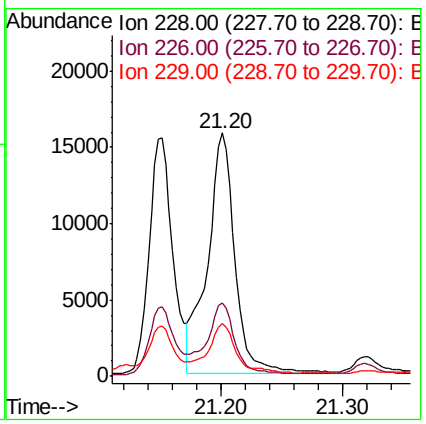


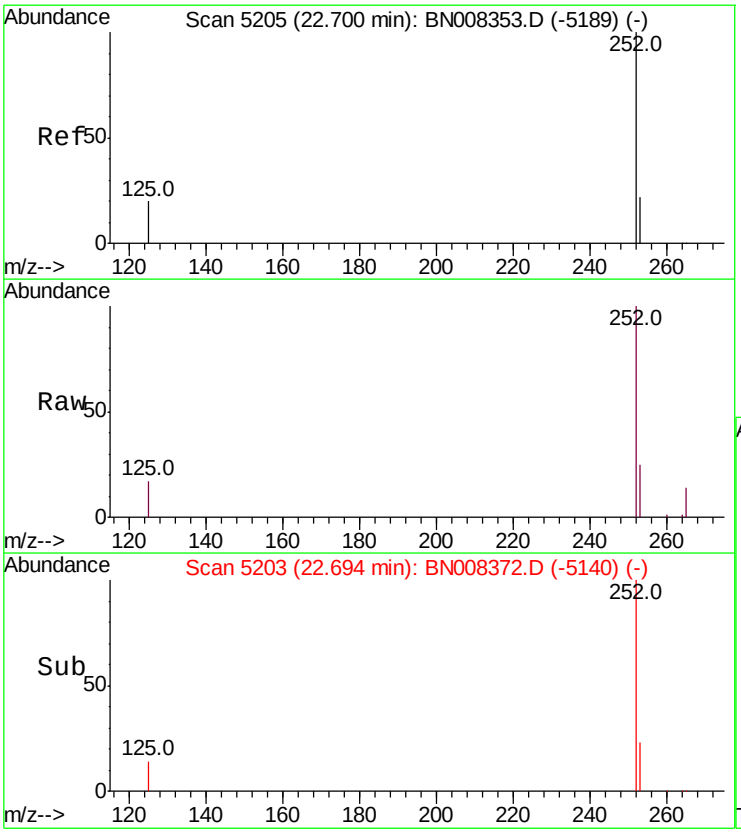
#19
Chrysene
Concen: 0.512 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 24917

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.6	16.2	24.2

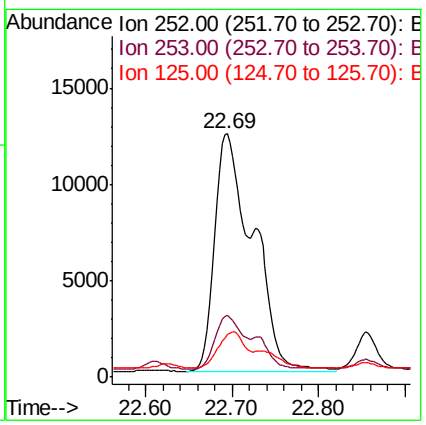


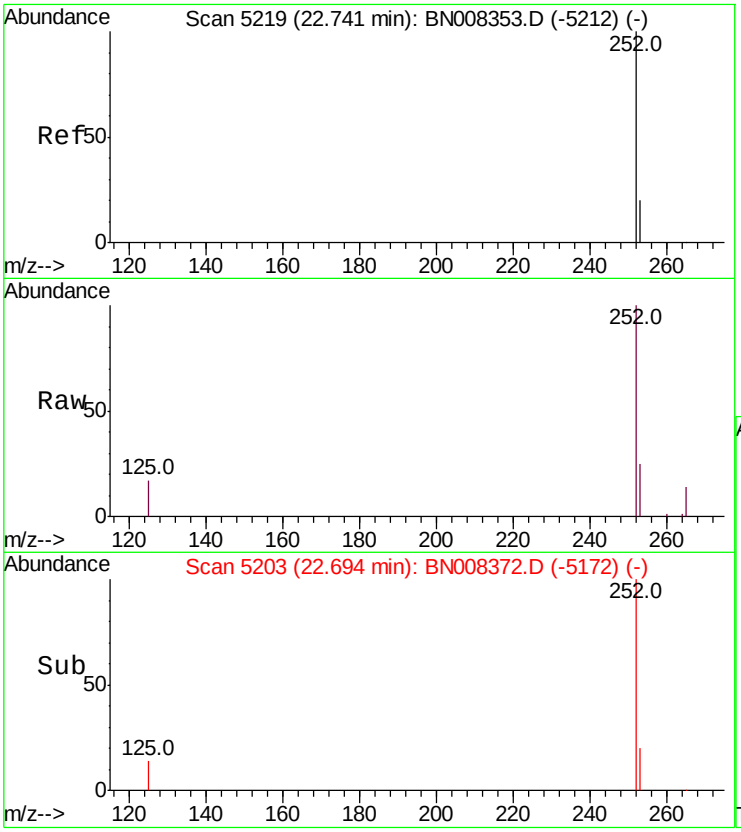


#21
Benzo(b)fluoranthene
Concen: 1.258 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:252 Resp: 38002

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	53.4
125	17.3	0.0	32.4



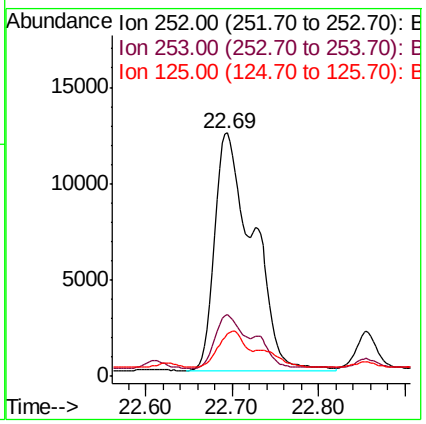


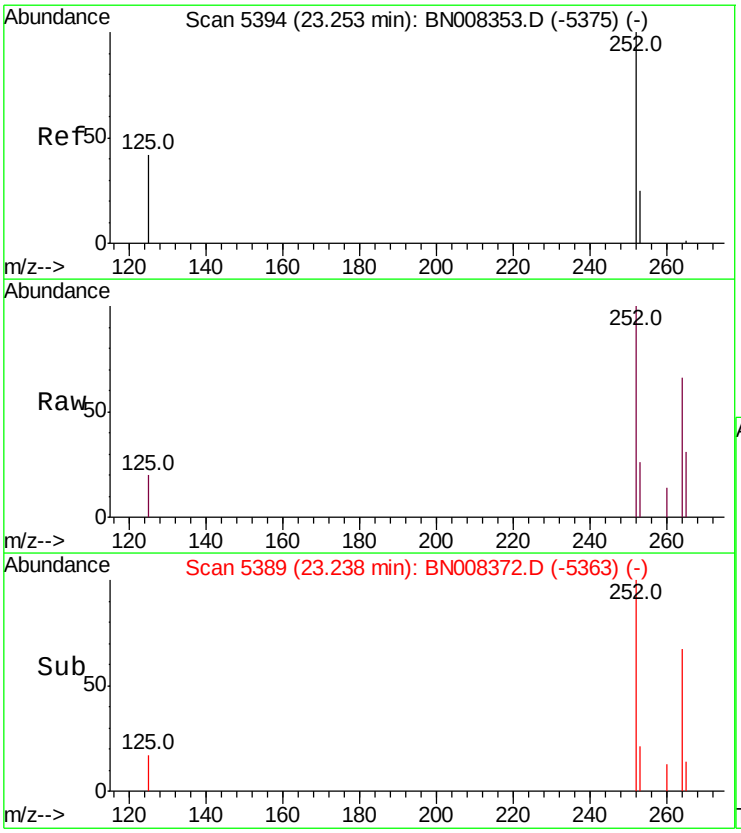
#22
Benzo(k)fluoranthene
Concen: 1.111 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.06 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 38002

Ion	Ratio	Lower	Upper
252	100		
253	25.4	21.3	31.9
125	17.3	12.3	18.5

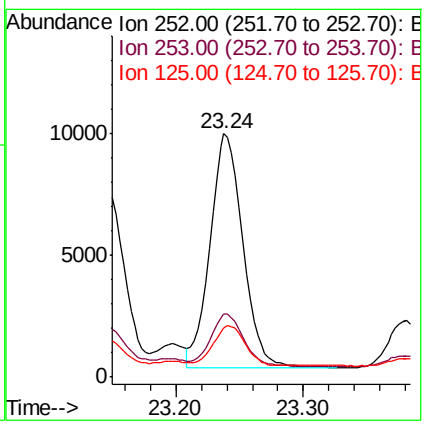


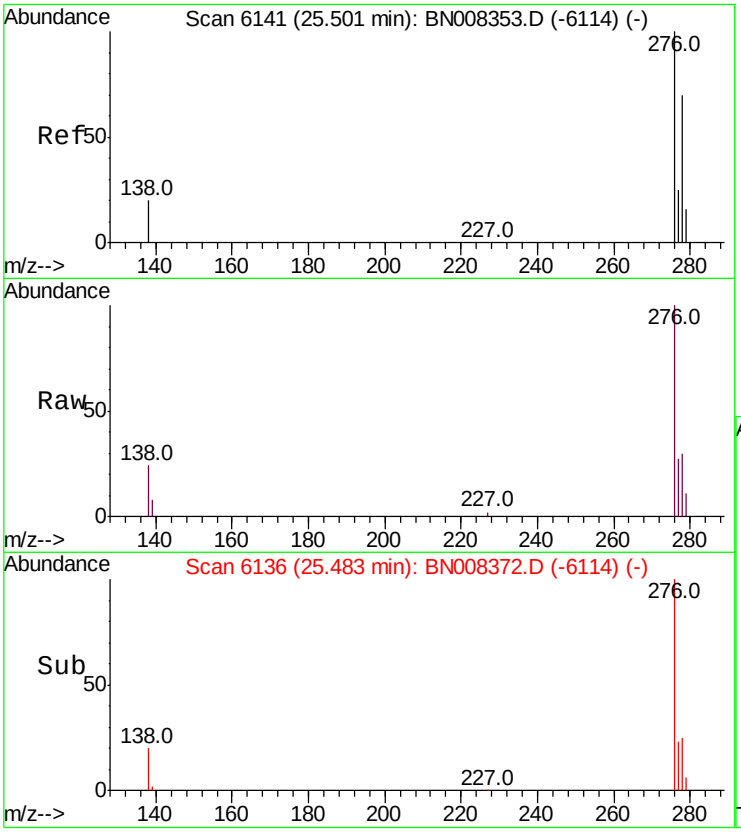


#23
Benzo(a)pyrene
Concen: 0.541 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:252 Resp: 17202

Ion	Ratio	Lower	Upper
252	100		
253	25.9	22.8	34.2
125	20.3	18.4	27.6



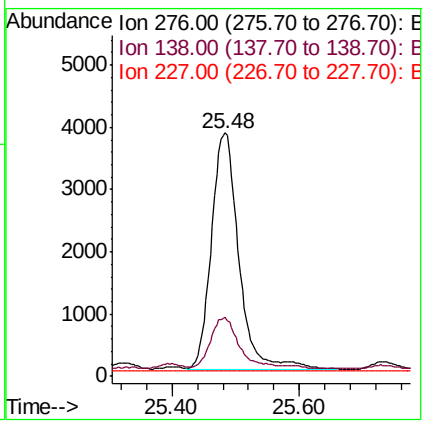


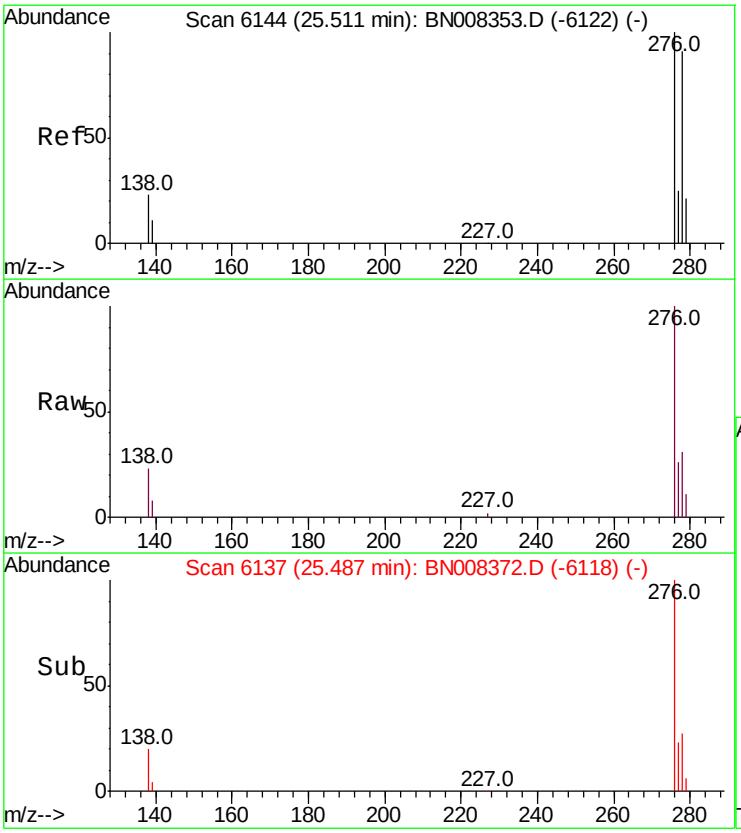
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.304 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 11373

Ion	Ratio	Lower	Upper
276	100		
138	23.0	16.1	24.1
227	0.1	0.2	0.2#

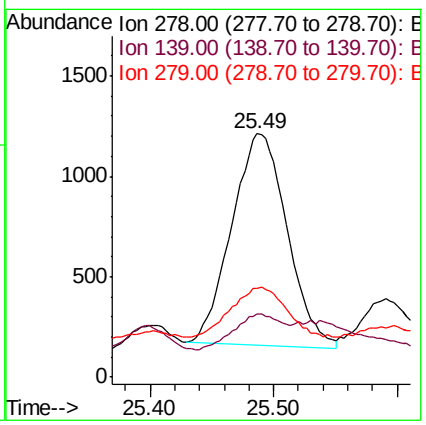


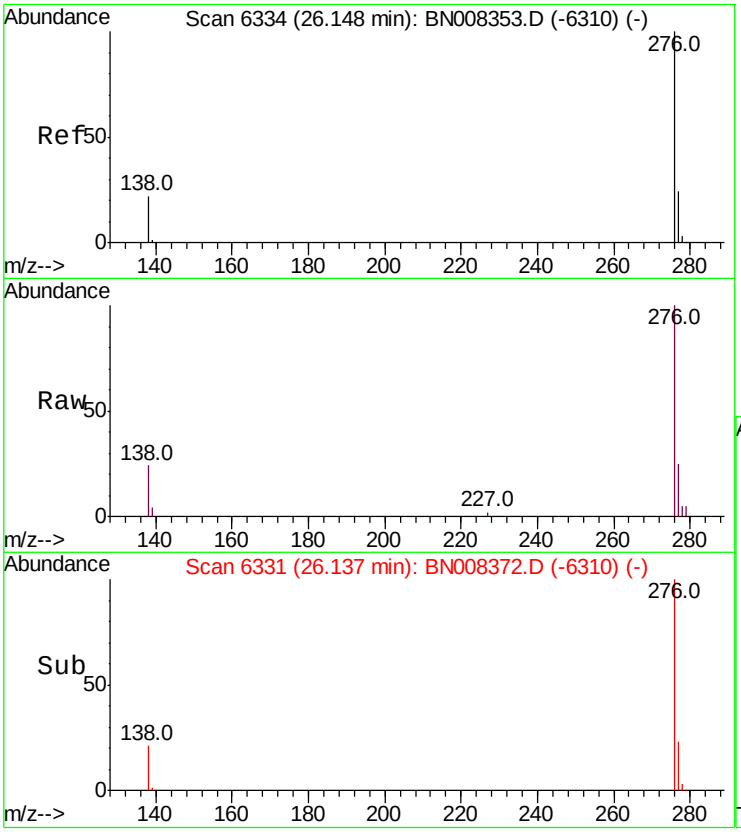


#25
Dibenzo(a,h)anthracene
Concen: 0.111 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.04 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Tgt Ion:278 Resp: 3282

Ion	Ratio	Lower	Upper
278	100		
139	25.7	15.0	22.6#
279	36.3	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.313 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008372.D
Acq: 24 Oct 2019 04:41

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 10740

Ion	Ratio	Lower	Upper
276	100		
138	24.0	17.0	25.4
277	25.0	20.4	30.6