Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008673.D
Acq On : 20 Nov 2019 22:44
Operator : JU
Sample : K5851-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Nov 21 00:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4166	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15703	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8725	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17710	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	14371	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	14281	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3910	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8895	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	7942	0.168	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	10106	0.306	ng/ul	100
8) Acenaphthene	14.30	153	3294	0.092	ng/ul	97
9) Fluorene	15.29	166	4482	0.107	ng/ul#	98
12) Phenanthrene	17.02	178	73000	1.222	ng/ul	98
13) Anthracene	17.11	178	14328	0.254	ng/ul	99
15) Fluoranthene	19.04	202	120151	1.637	ng/ul	93
17) Pyrene	19.41	202	106070	1.840	ng/ul	99
18) Benzo(a)anthracene	21.16	228	53653	0.928	ng/ul	98
19) Chrysene	21.22	228	58210	1.025	ng/ul	97
21) Benzo(b)fluoranthene	22.71	252	94388	1.603	ng/ul	96
22) Benzo(k)fluoranthene	22.71	252	94388	1.616	ng/ul	99
23) Benzo(a)pyrene	23.26	252	47296	0.856	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.49	276	34068	0.527	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	8217	0.157	ng/ul#	72
26) Benzo(g,h,i)perylene	26.14	276	34675	0.641	ng/ul	98

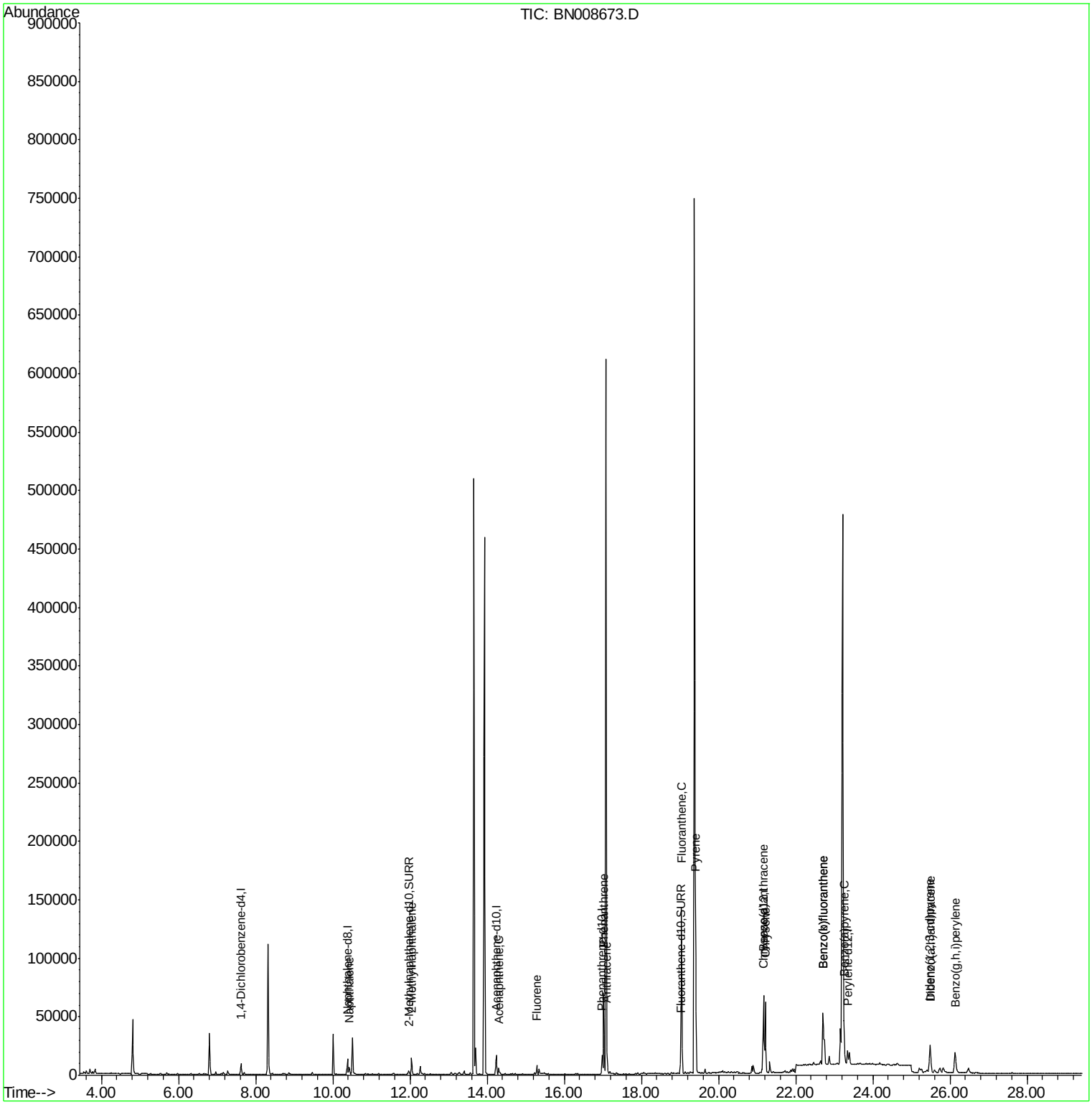
(#) = qualifier out of range (m) = manual integration (+) = signals summed

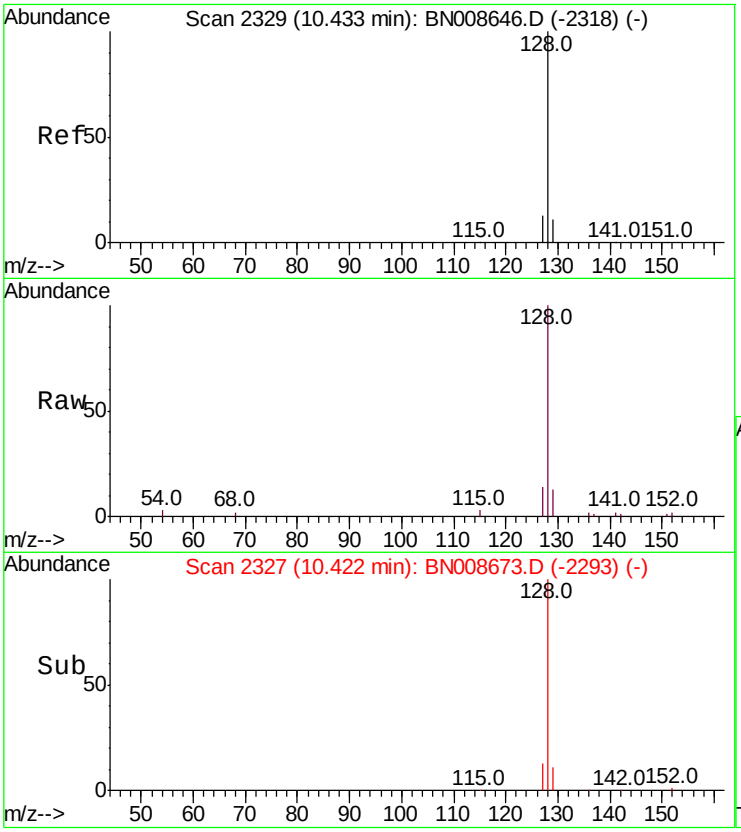
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008673.D
Acq On : 20 Nov 2019 22:44
Operator : JU
Sample : K5851-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 21 00:43:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration



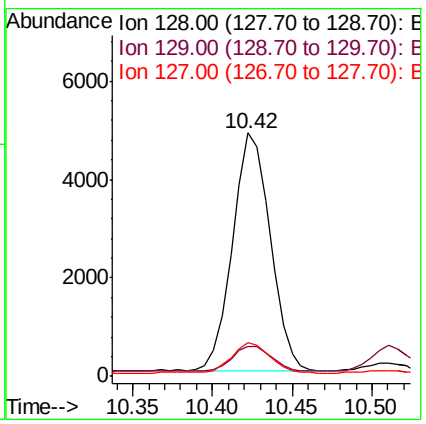


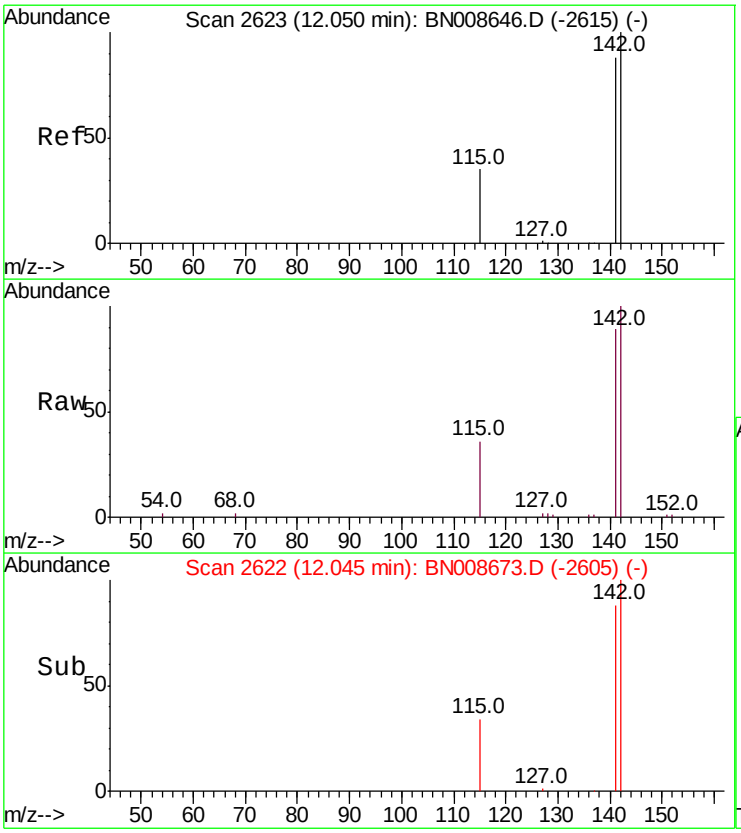
#3
Naphthalene
Concen: 0.168 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 7942

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.7	14.5
127	13.7	10.8	16.2

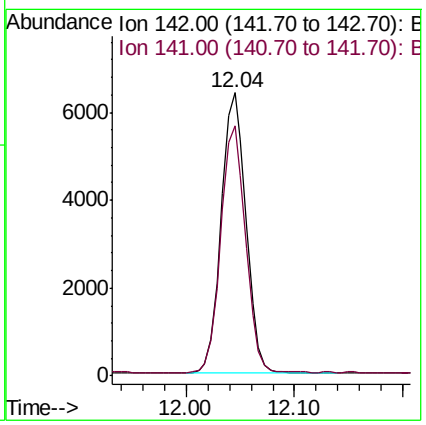


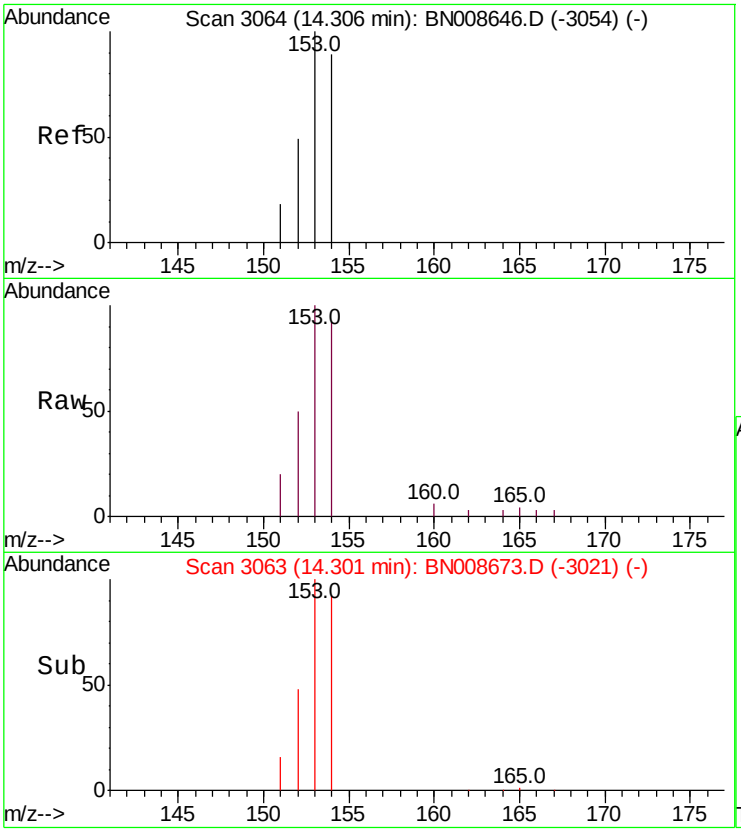


#5
2-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:142 Resp: 10106

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7



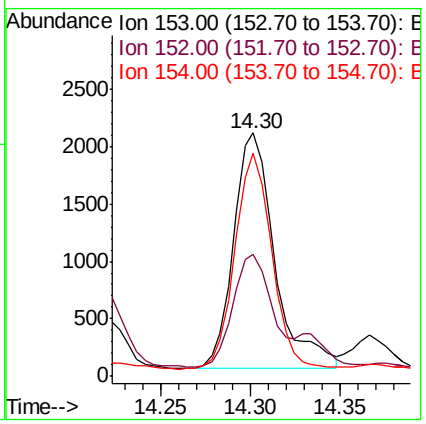


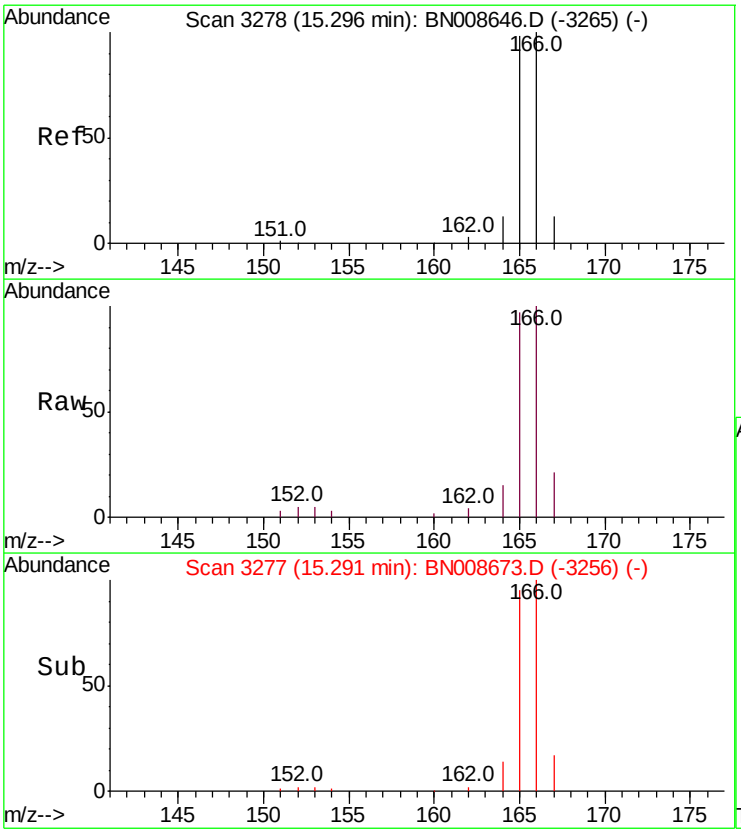
#8
Acenaphthene
Concen: 0.092 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 3294

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.6	59.4
154	91.6	70.6	106.0

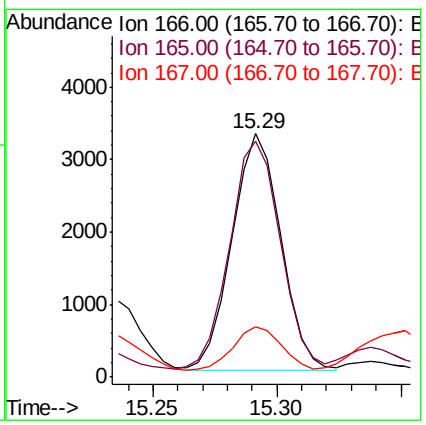


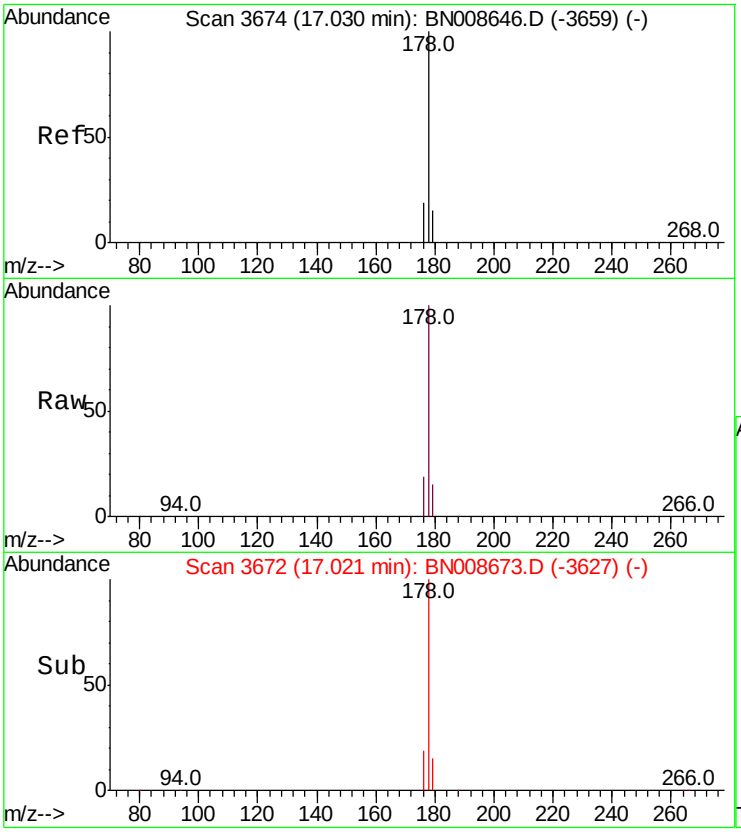


#9
Fluorene
Concen: 0.107 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:166 Resp: 4482

Ion	Ratio	Lower	Upper
166	100		
165	97.0	77.4	116.0
167	20.8	11.4	17.0#



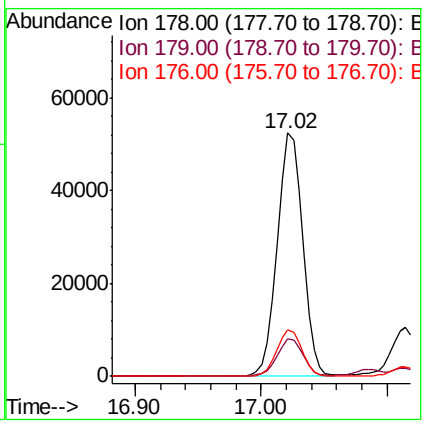


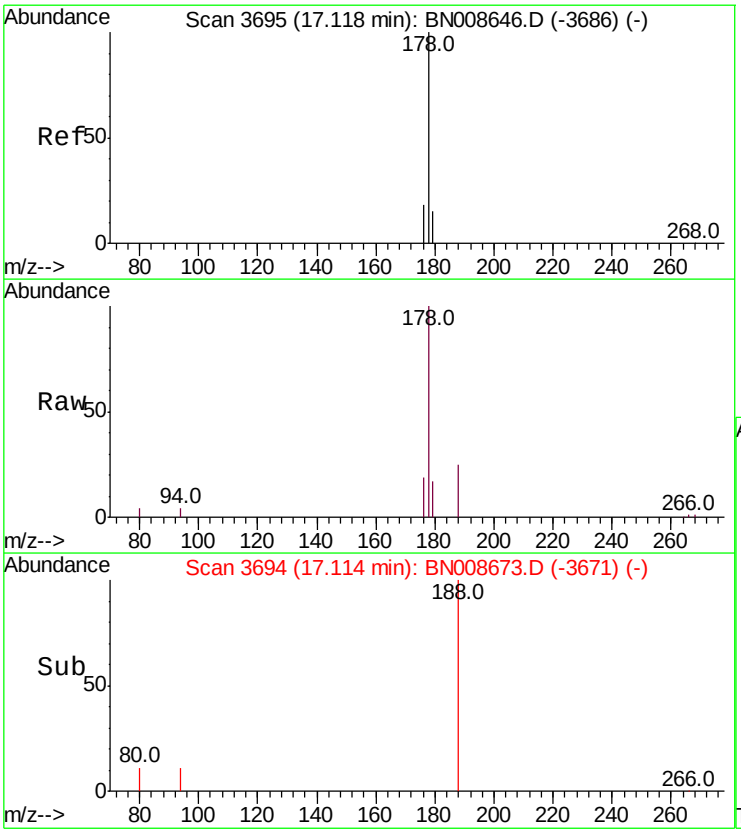
#12
Phenanthrene
Concen: 1.222 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 73000

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	19.1	16.0	24.0

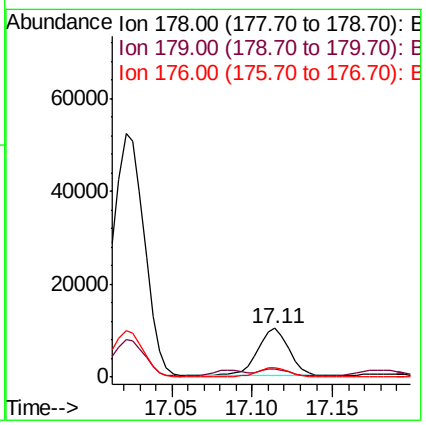


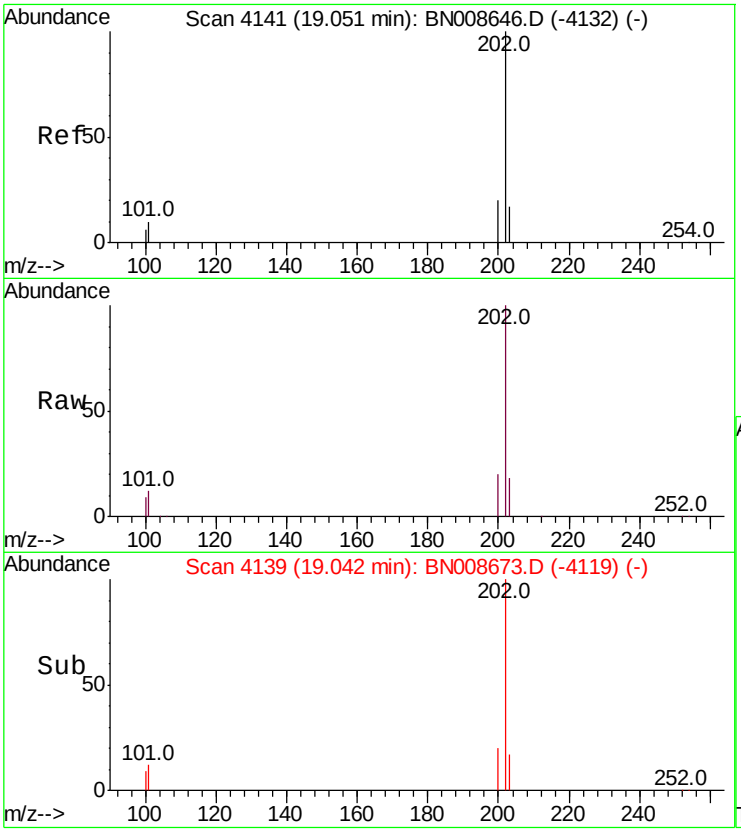


#13
Anthracene
Concen: 0.254 ng/ul
RT: 17.11 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:178 Resp: 14328

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	18.8	15.3	22.9



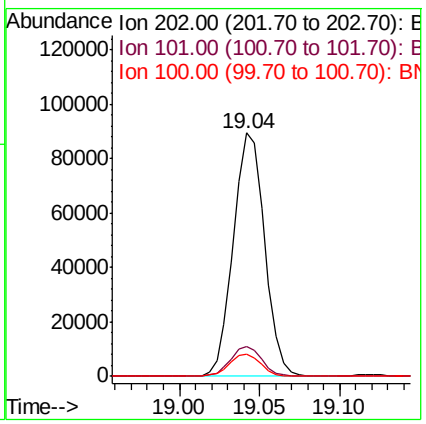


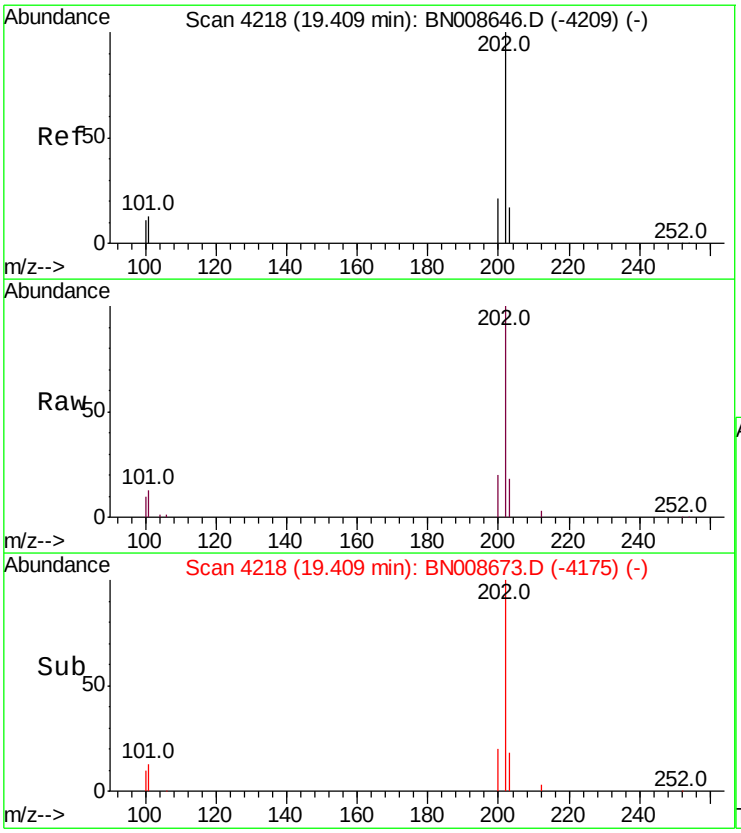
#15
Fluoranthene
Concen: 1.637 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 120151

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	29.6
100	9.4	0.0	27.0

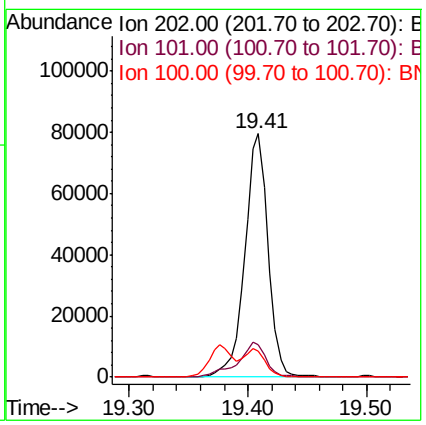


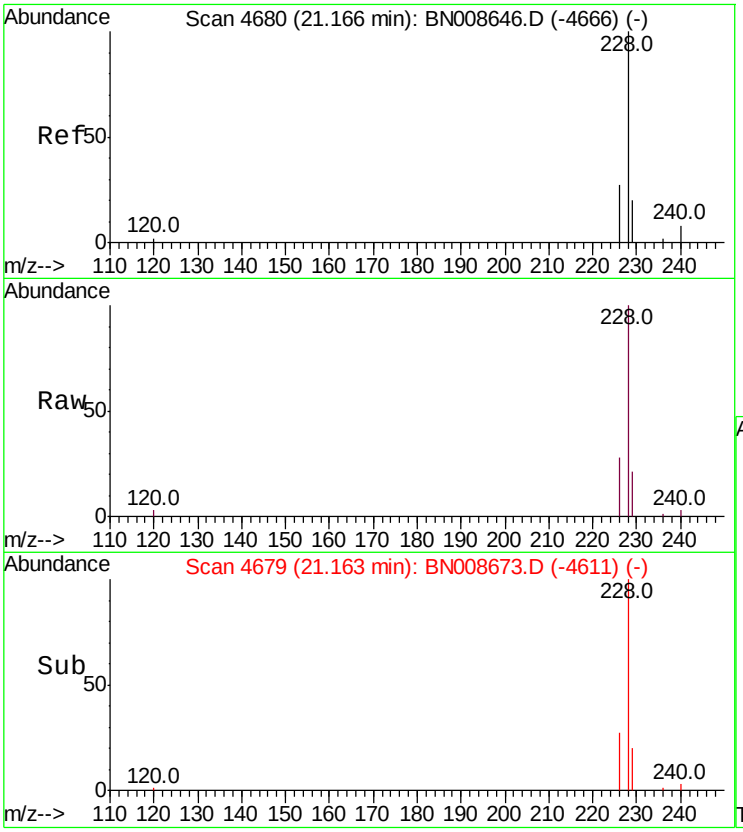


#17
Pyrene
Concen: 1.840 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:202 Resp: 106070

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.2	15.2
100	10.5	8.2	12.2



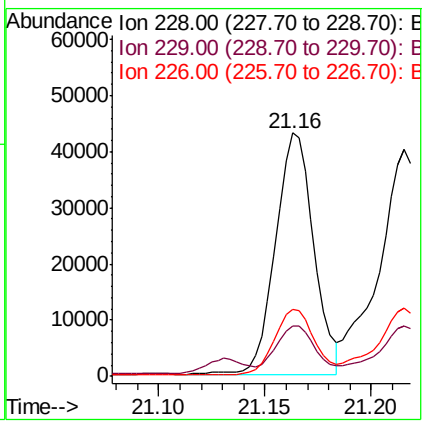


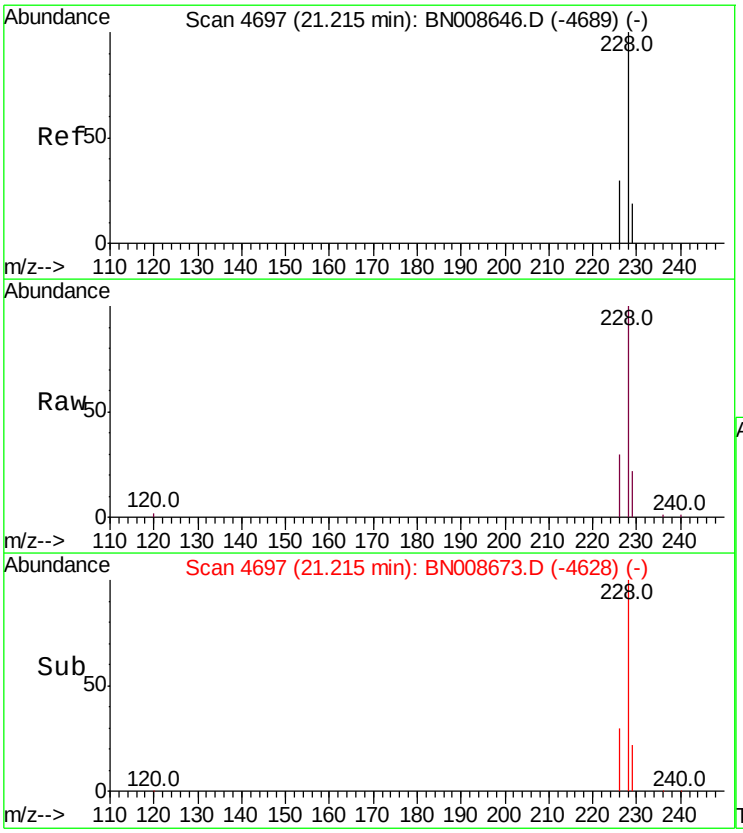
#18
Benzo(a)anthracene
Concen: 0.928 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 53653

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	27.8	21.6	32.4

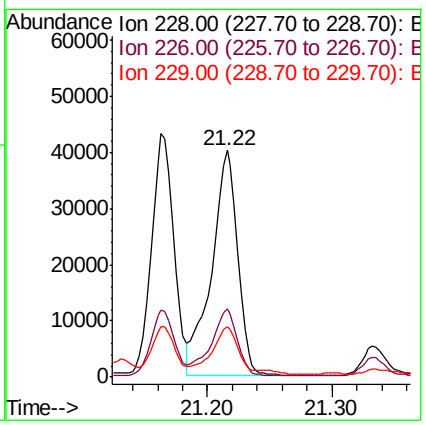


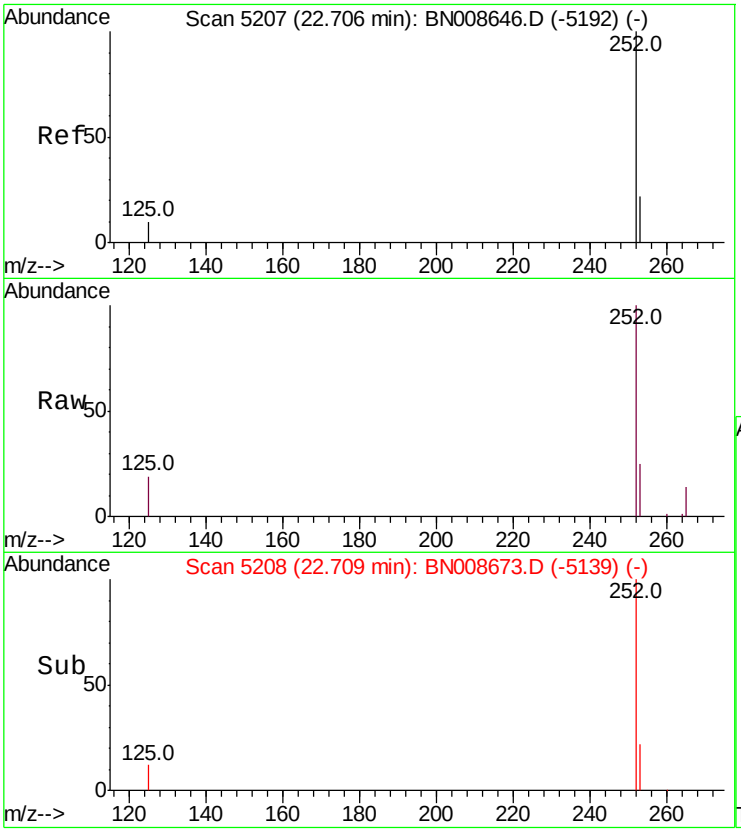


#19
Chrysene
Concen: 1.025 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:228 Resp: 58210

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	22.4	15.5	23.3



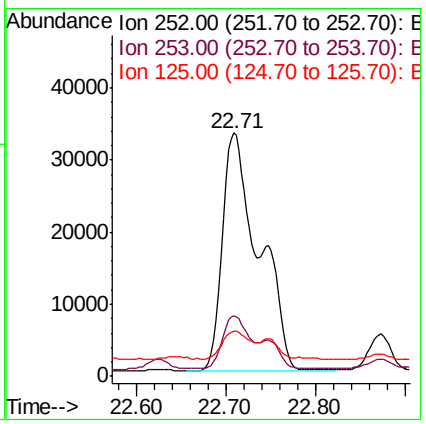


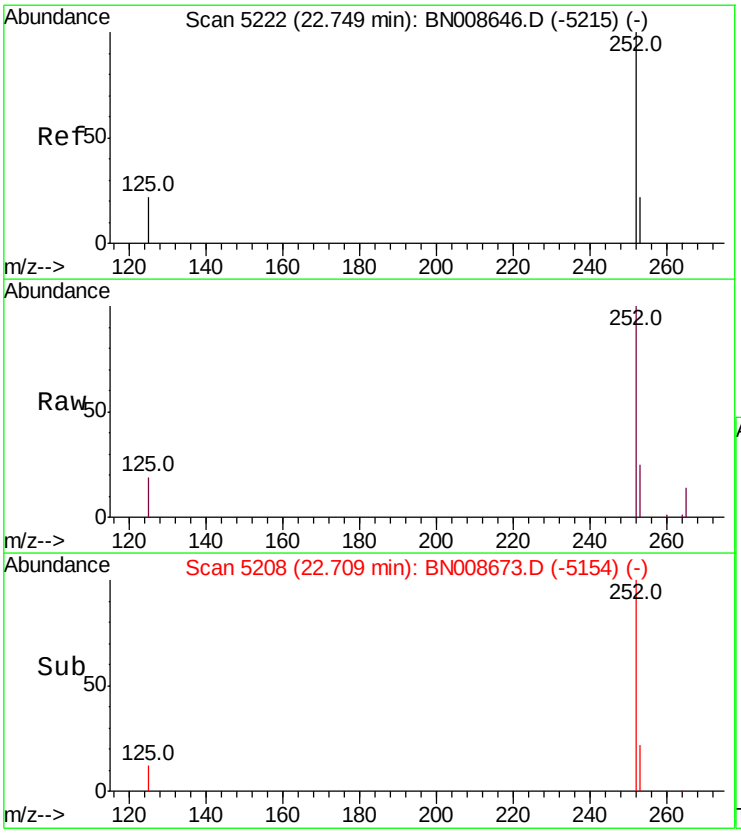
#21
Benzo(b)fluoranthene
Concen: 1.603 ng/ul
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 94388

Ion	Ratio	Lower	Upper
252	100		
253	24.9	0.0	50.2
125	18.6	0.0	30.0

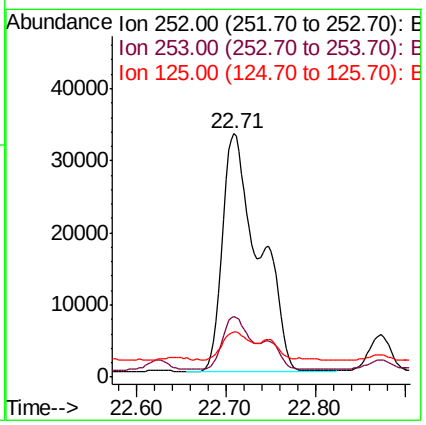


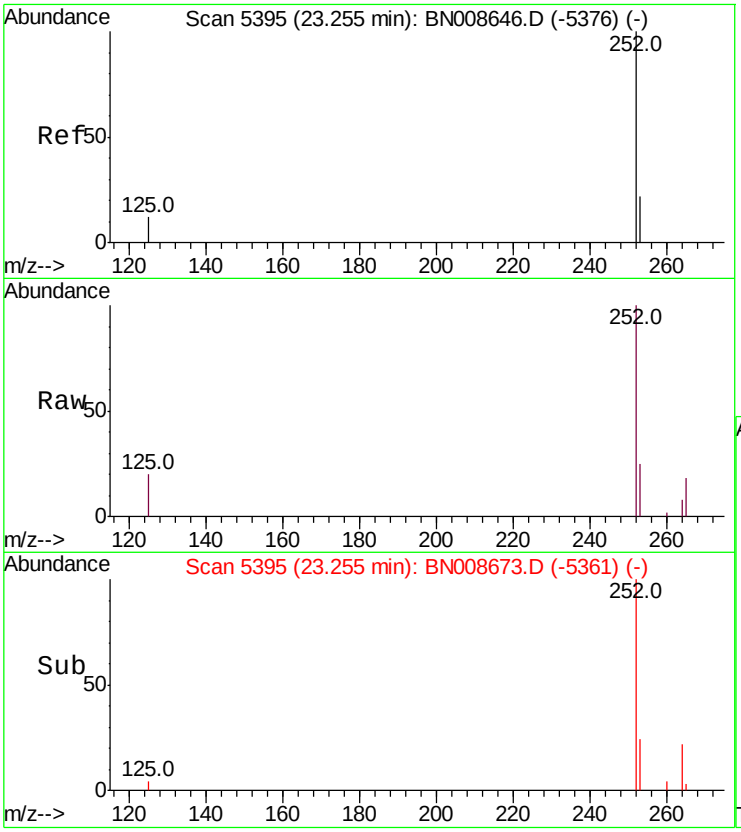


#22
Benzo(k)fluoranthene
Concen: 1.616 ng/ul
RT: 22.71 min Scan# 5208
Delta R.T. -0.04 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:252 Resp: 94388

Ion	Ratio	Lower	Upper
252	100		
253	24.9	20.5	30.7
125	18.6	15.0	22.4



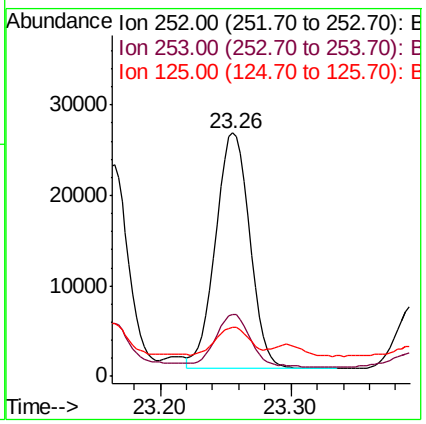


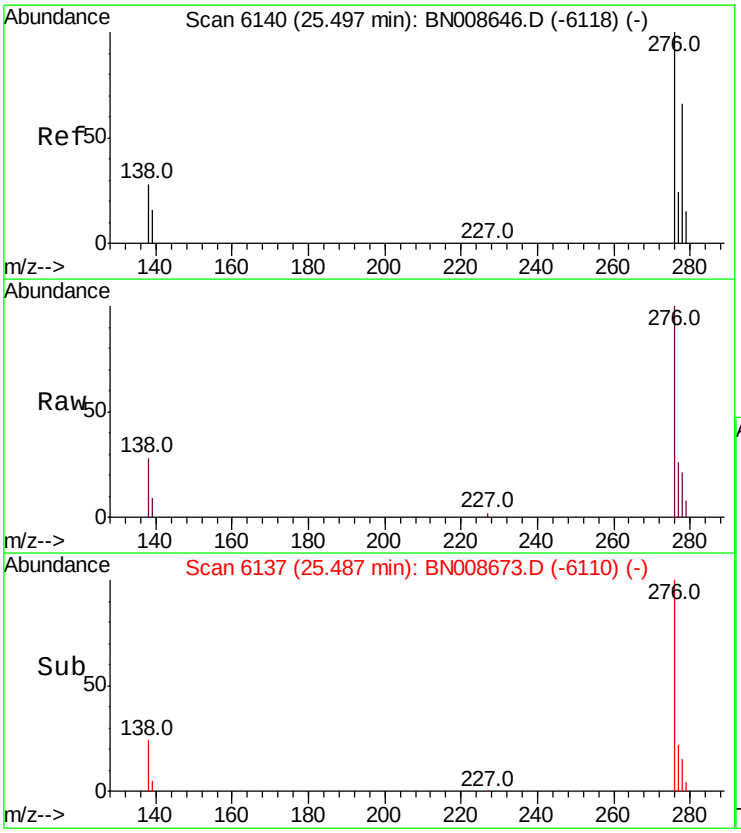
#23
Benzo(a)pyrene
Concen: 0.856 ng/ul
RT: 23.26 min Scan# 5395
Delta R.T. 0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 47296

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.4	32.2
125	20.2	13.8	20.8

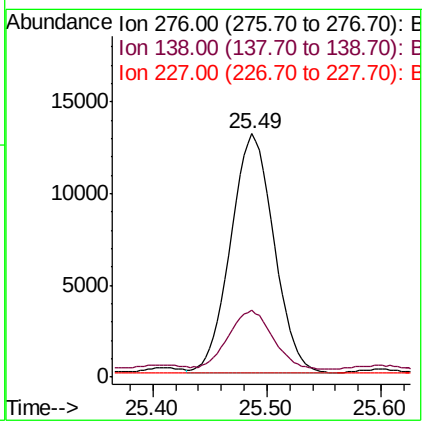


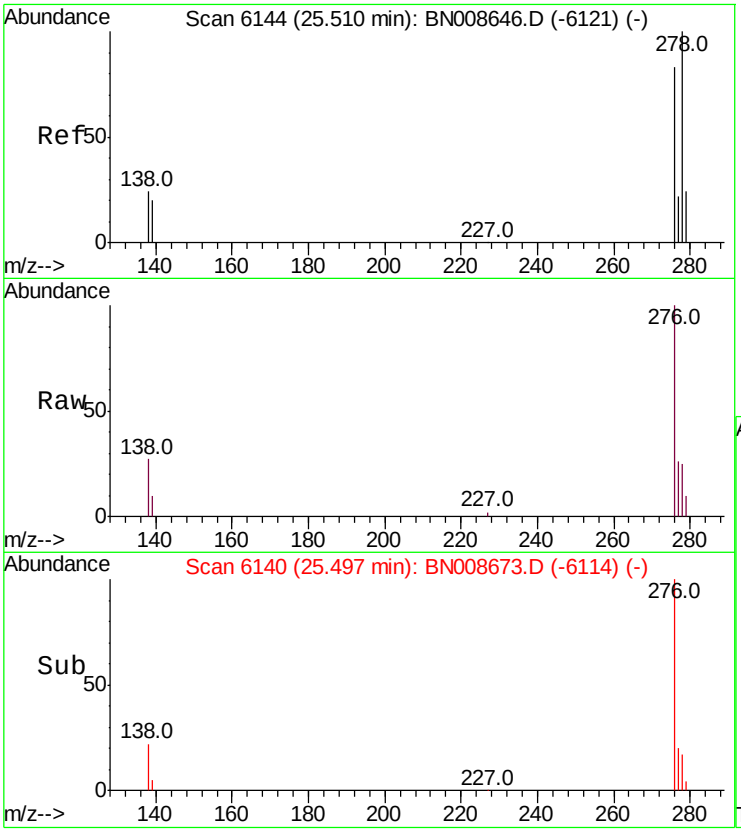


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.527 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:276 Resp: 34068

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.7	32.5
227	0.1	0.2	0.2#



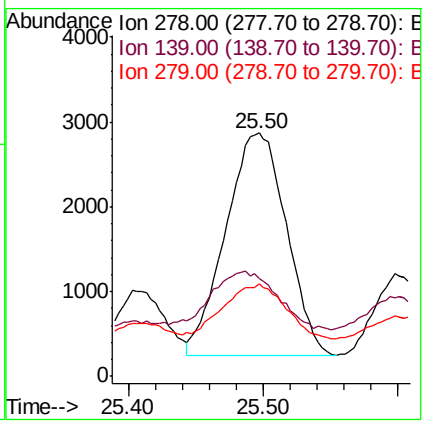


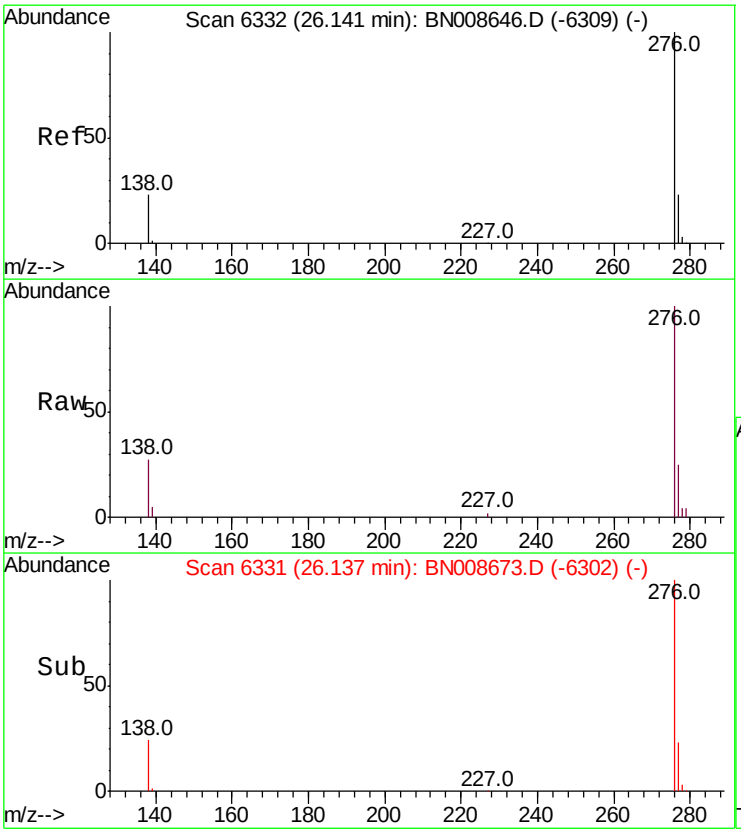
#25
Dibenzo(a,h)anthracene
Concen: 0.157 ng/ul
RT: 25.50 min Scan# 6140
Delta R.T. -0.01 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 8217

Ion	Ratio	Lower	Upper
278	100		
139	40.1	18.7	28.1#
279	37.9	20.8	31.2#





#26
Benzo(g,h,i)perylene
Concen: 0.641 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008673.D
Acq: 20 Nov 2019 22:44

Tgt Ion:276 Resp: 34675

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.0	30.0
277	24.9	20.0	30.0