Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008398.D
Acq On : 24 Oct 2019 21:24
Operator : JU
Sample : K5235-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 24 22:05:40 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	1496	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.34	136	7373	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4775	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	10162	0.40	ng/ul	-0.02
16) Chrysene-d12	21.17	240	9216	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	7590	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	385	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1241	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.38	128	426	0.020	ng/ul#	55
7) Acenaphthylene	13.93	152	1644	0.072	ng/ul#	89
8) Acenaphthene	14.27	153	375	0.021	ng/ul#	93
9) Fluorene	15.27	166	520	0.026	ng/ul#	90
12) Phenanthrene	17.00	178	11819	0.397	ng/ul	99
13) Anthracene	17.09	178	2780	0.106	ng/ul#	94
15) Fluoranthene	19.03	202	29757	0.757	ng/ul	99
17) Pyrene	19.39	202	33097	0.902	ng/ul	100
18) Benzo(a)anthracene	21.15	228	18063	0.539	ng/ul	96
19) Chrysene	21.20	228	17570	0.427	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	25661	1.039	ng/ul	98
22) Benzo(k)fluoranthene	22.69	252	25661	0.917	ng/ul	97
23) Benzo(a)pyrene	23.24	252	13292	0.511	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.48	276	7993	0.261	ng/ul#	57
25) Dibenzo(a,h)anthracene	25.49	278	1882	0.078	ng/ul#	69
26) Benzo(g,h,i)perylene	26.14	276	7850	0.280	ng/ul	96

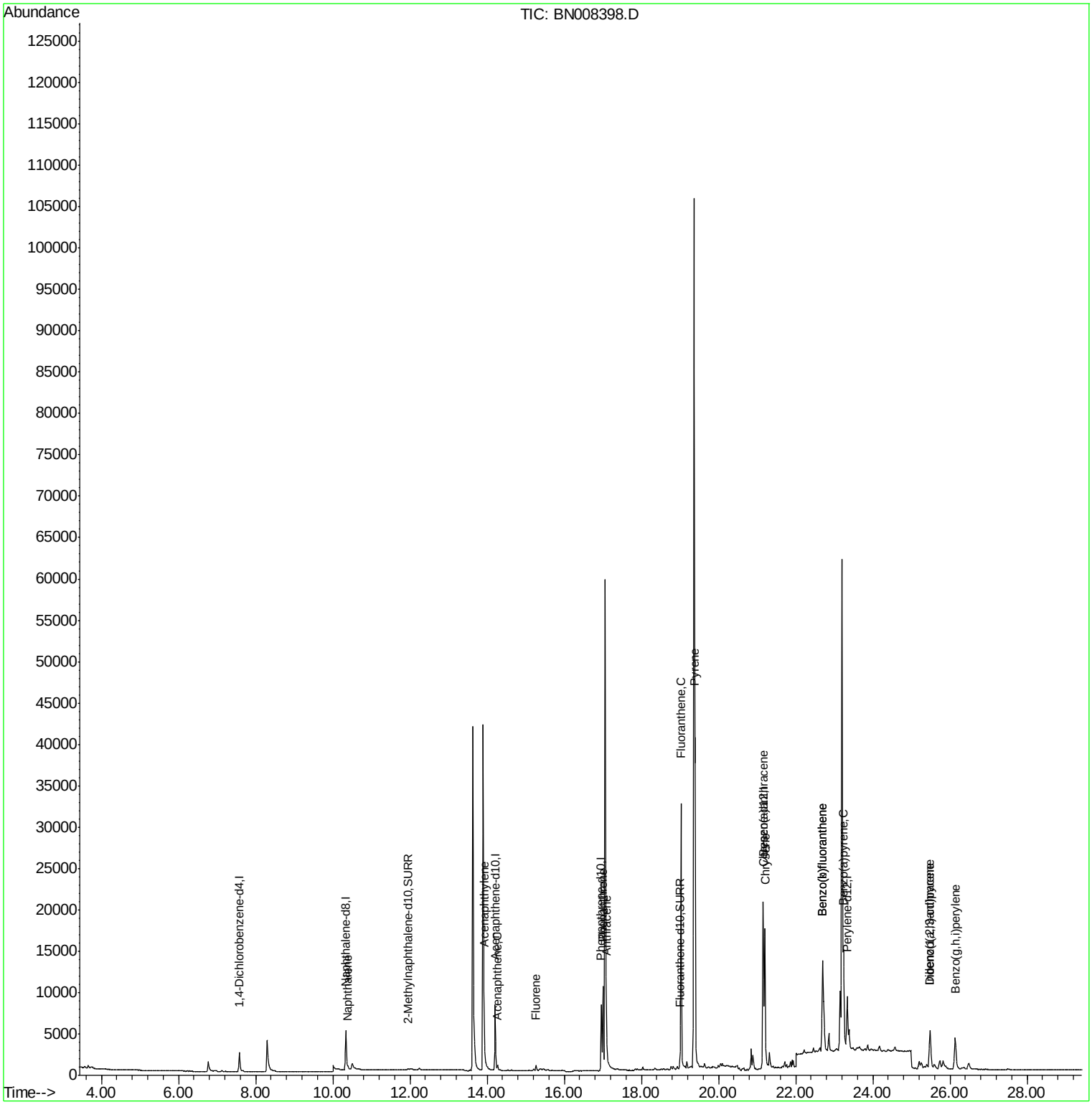
(#) = qualifier out of range (m) = manual integration (+) = signals summed

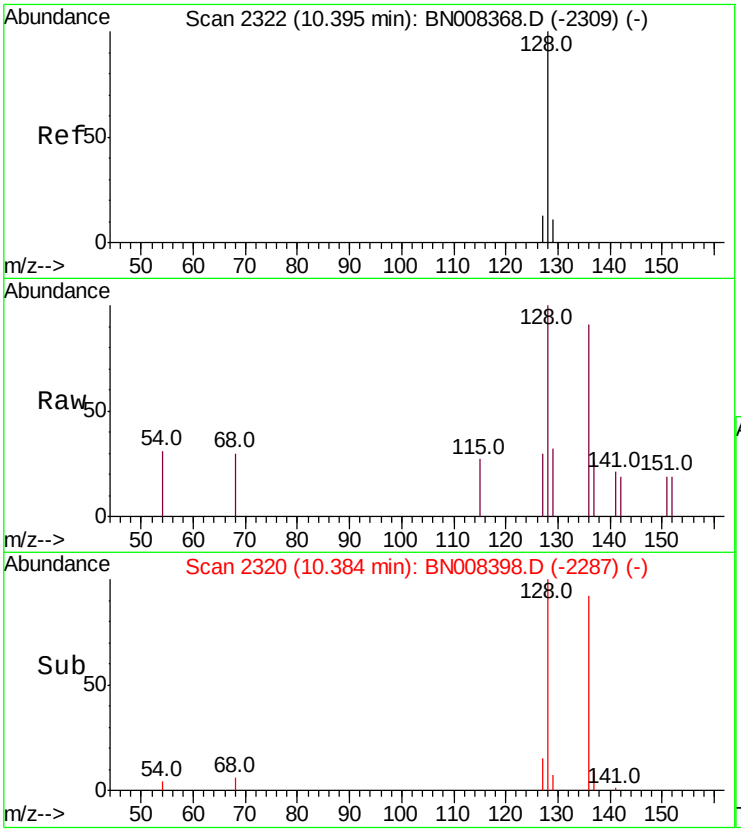
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008398.D
Acq On : 24 Oct 2019 21:24
Operator : JU
Sample : K5235-22DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 24 22:05:40 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



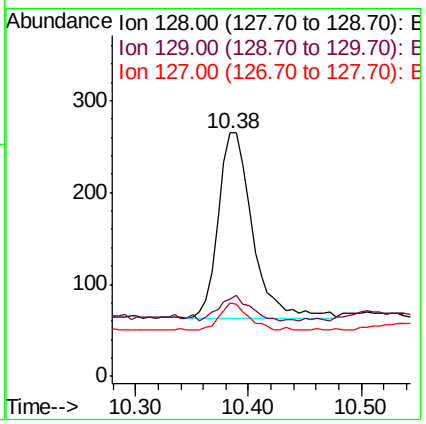


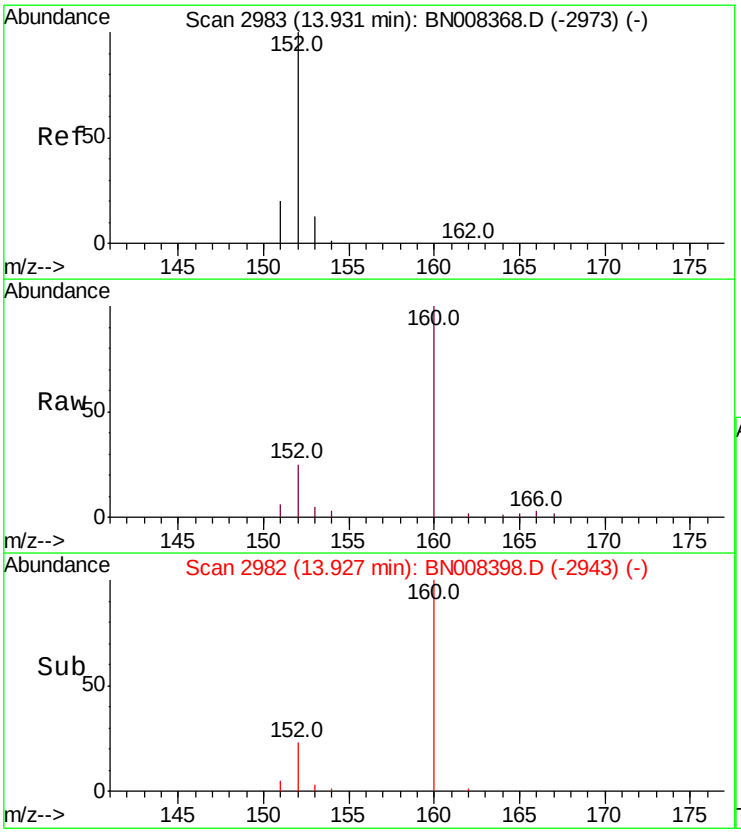
#3
Naphthalene
Concen: 0.020 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 426

Ion	Ratio	Lower	Upper
128	100		
129	31.7	9.8	14.8#
127	30.2	11.1	16.7#

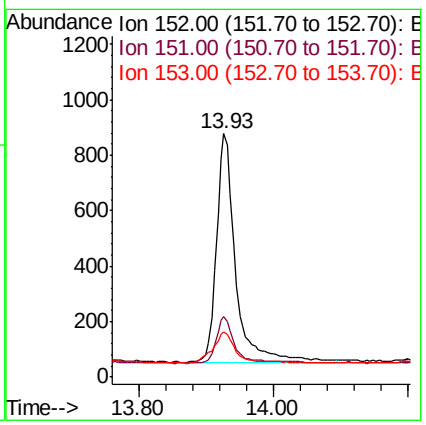


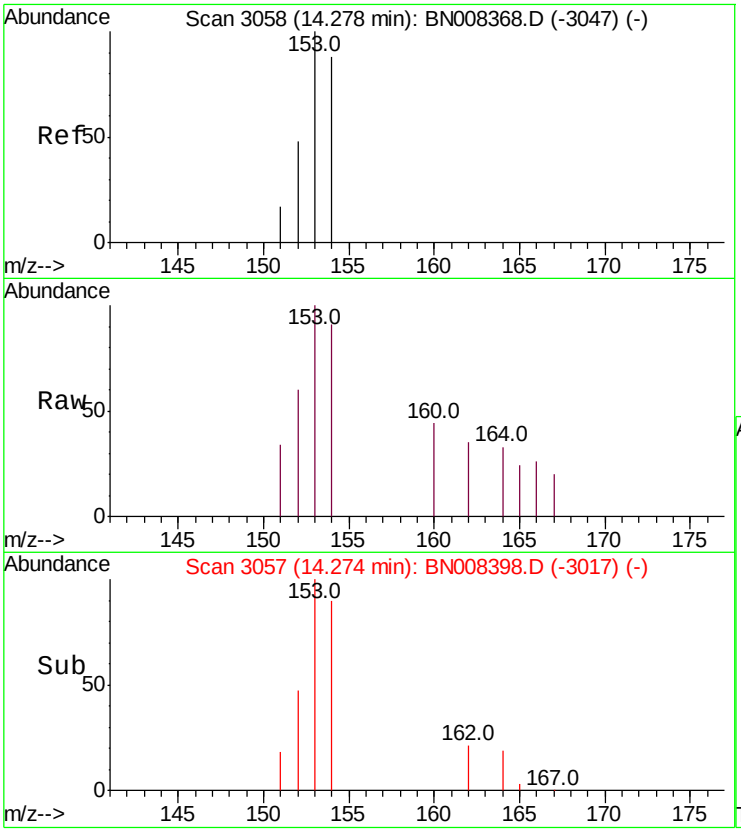


#7
Acenaphthylene
Concen: 0.072 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:152 Resp: 1644

Ion	Ratio	Lower	Upper
152	100		
151	24.8	16.2	24.4#
153	18.7	11.0	16.4#



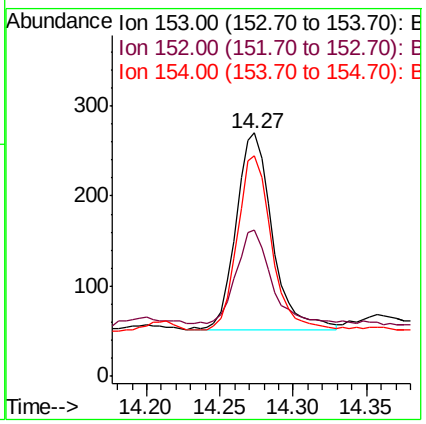


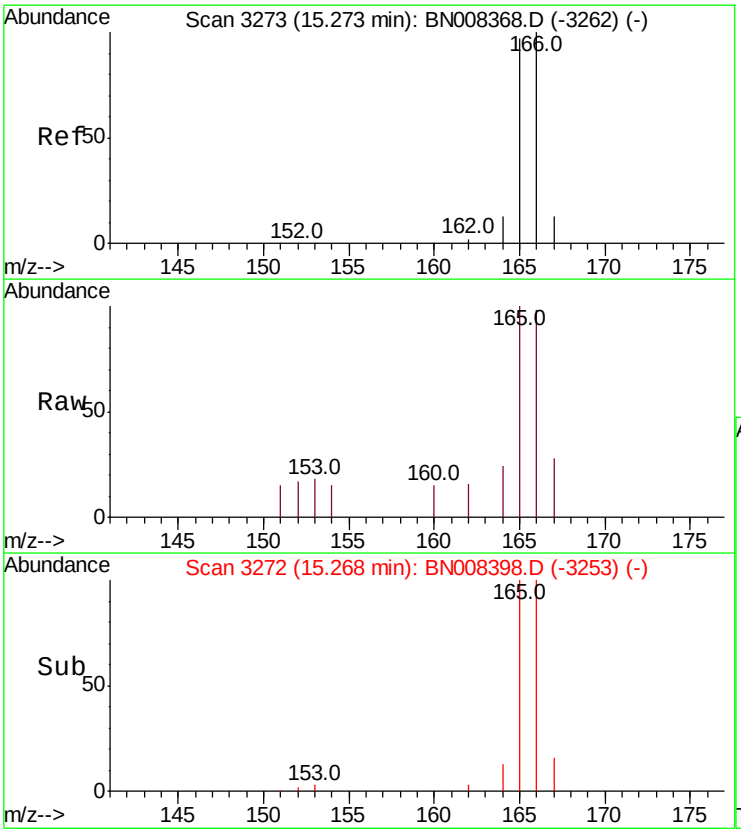
#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:153 Resp: 375

Ion	Ratio	Lower	Upper
153	100		
152	60.4	38.2	57.2#
154	90.7	71.8	107.8

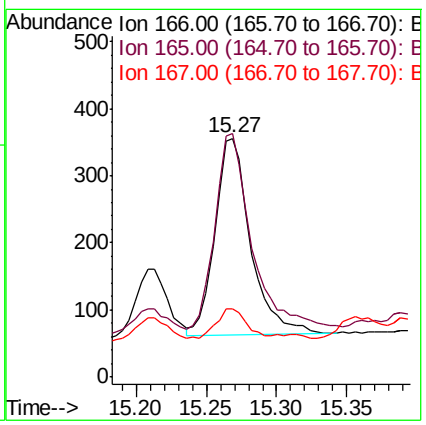


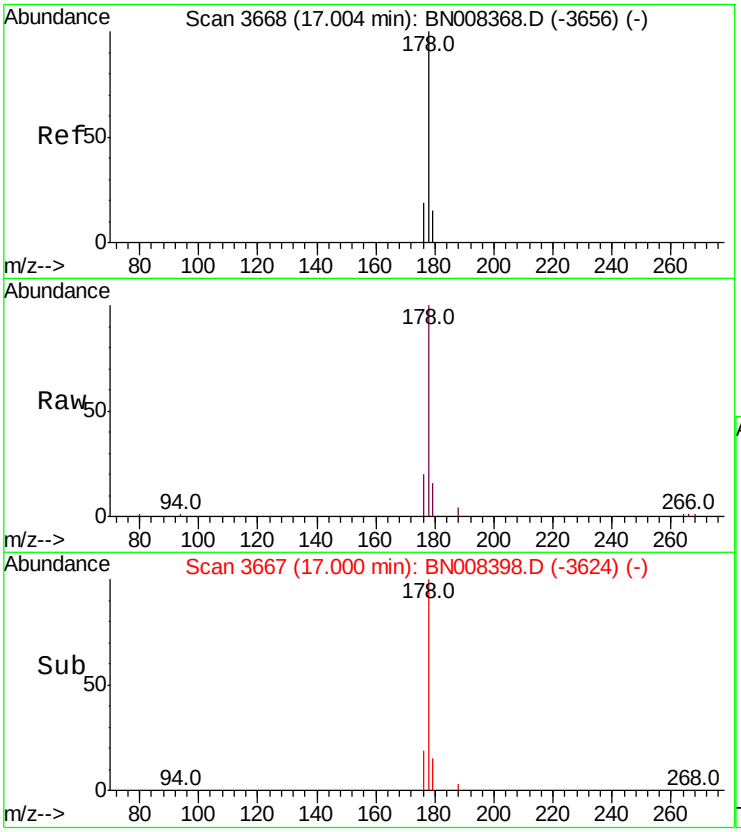


#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:166 Resp: 520

Ion	Ratio	Lower	Upper
166	100		
165	102.0	76.6	115.0
167	28.4	11.7	17.5#



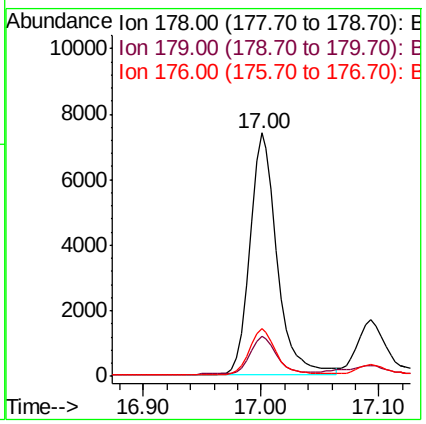


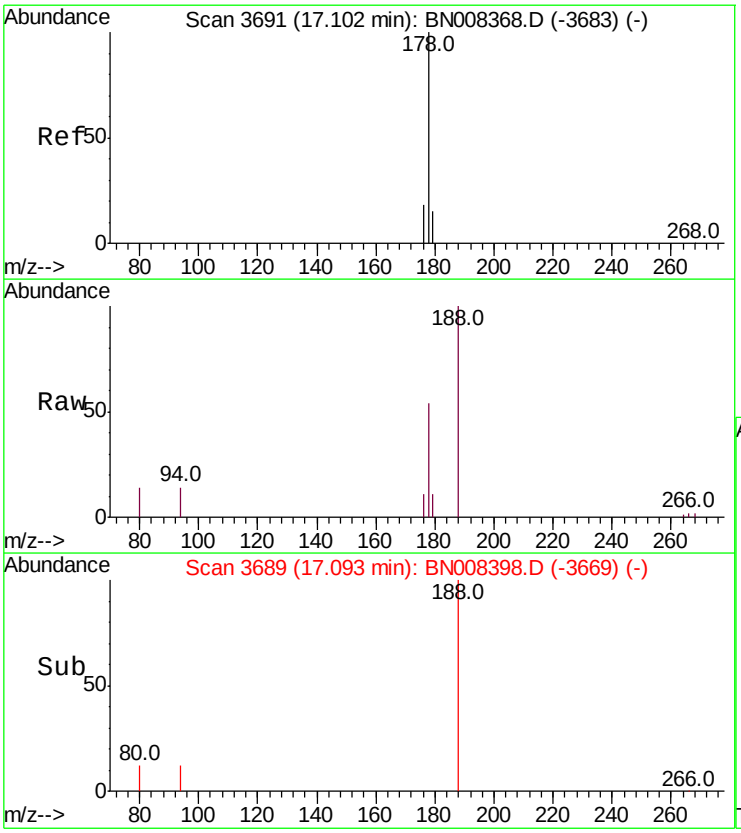
#12
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 11819

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.8	19.2
176	19.7	15.4	23.2

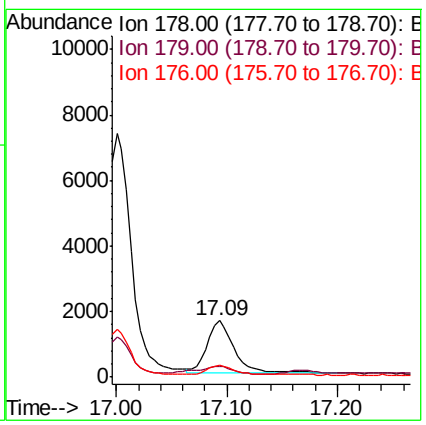


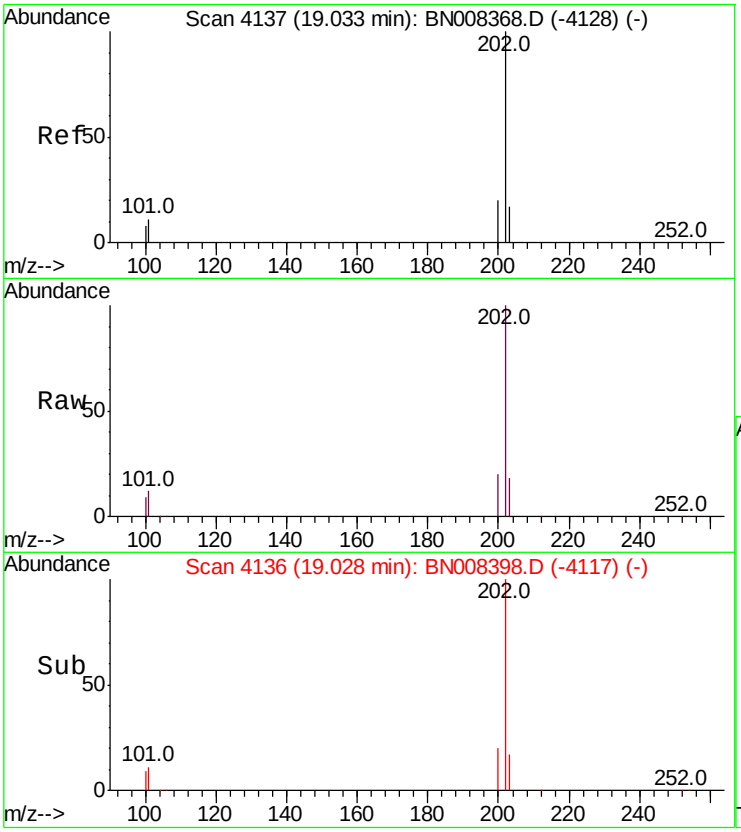


#13
Anthracene
Concen: 0.106 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:178 Resp: 2780

Ion	Ratio	Lower	Upper
178	100		
179	19.9	13.0	19.6#
176	20.7	15.0	22.6



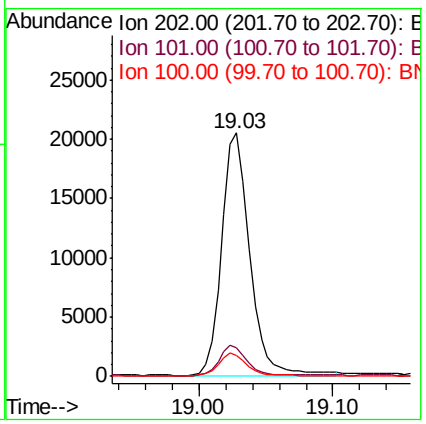


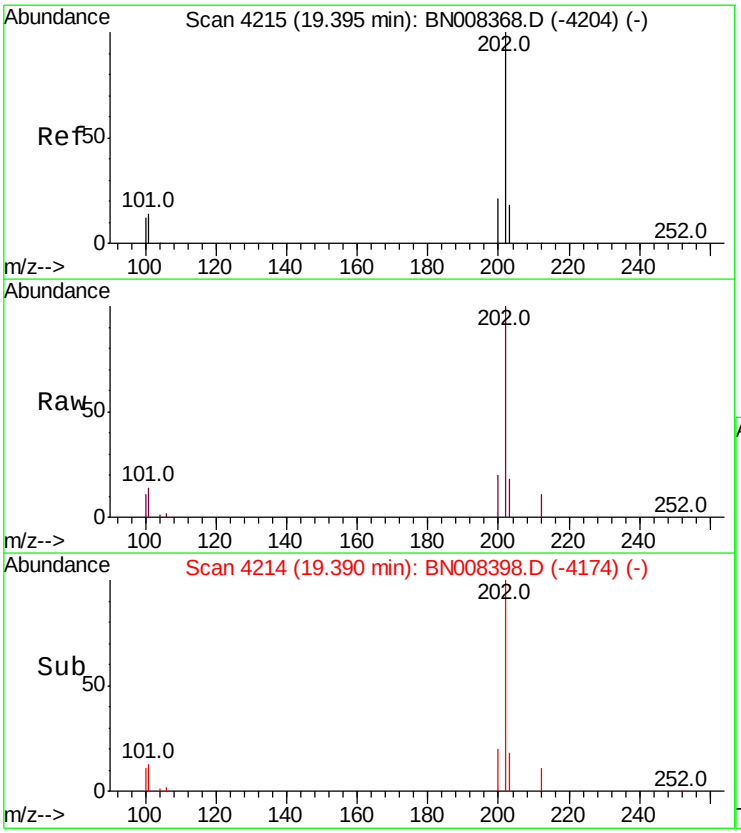
#15
Fluoranthene
Concen: 0.757 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 29757

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.8	0.0	28.5

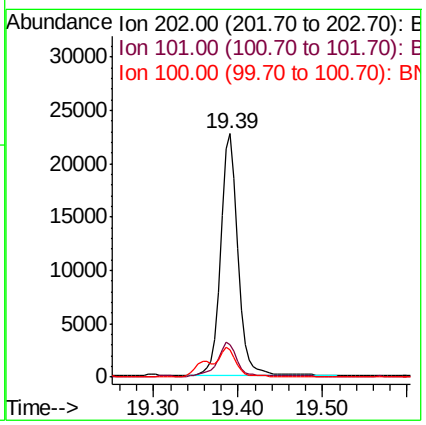


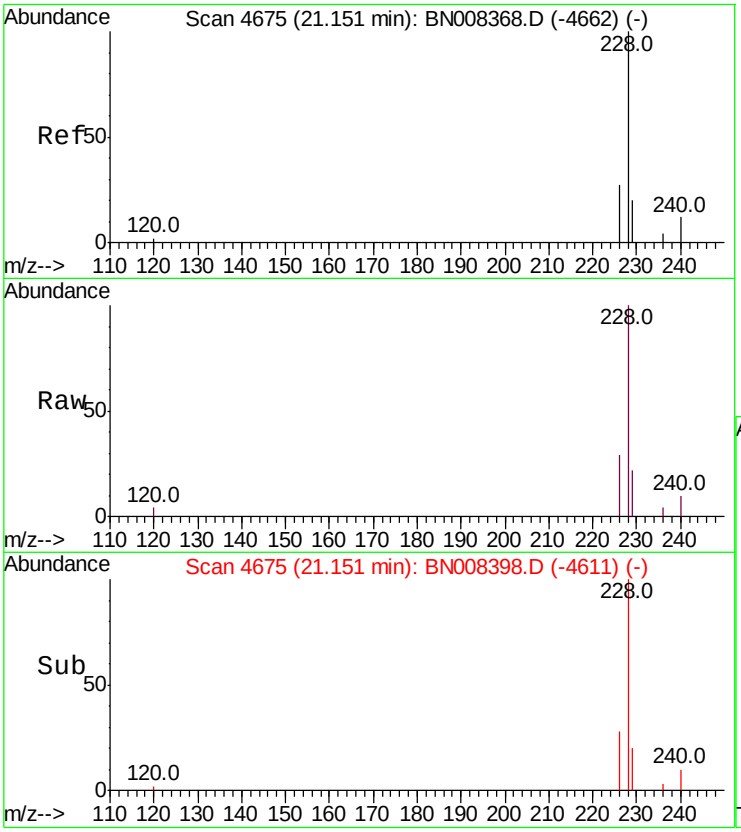


#17
Pyrene
Concen: 0.902 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:202 Resp: 33097

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.2	8.7	13.1



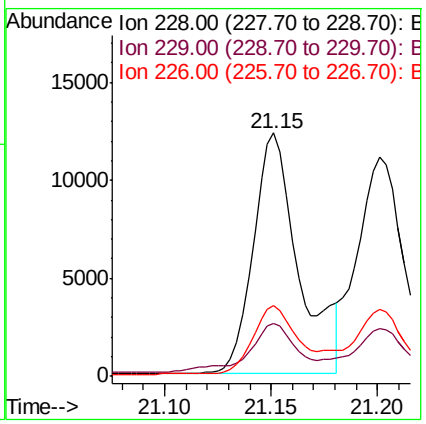


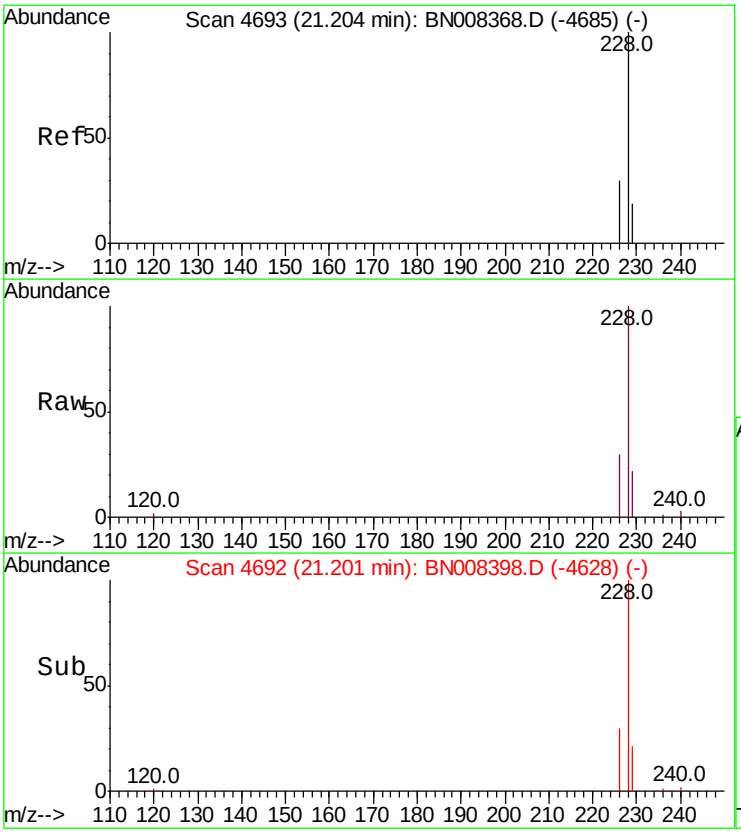
#18
Benzo(a)anthracene
Concen: 0.539 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 18063

Ion	Ratio	Lower	Upper
228	100		
229	21.6	16.2	24.2
226	29.0	21.4	32.0

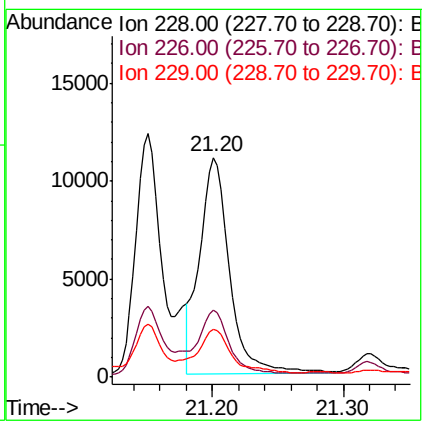


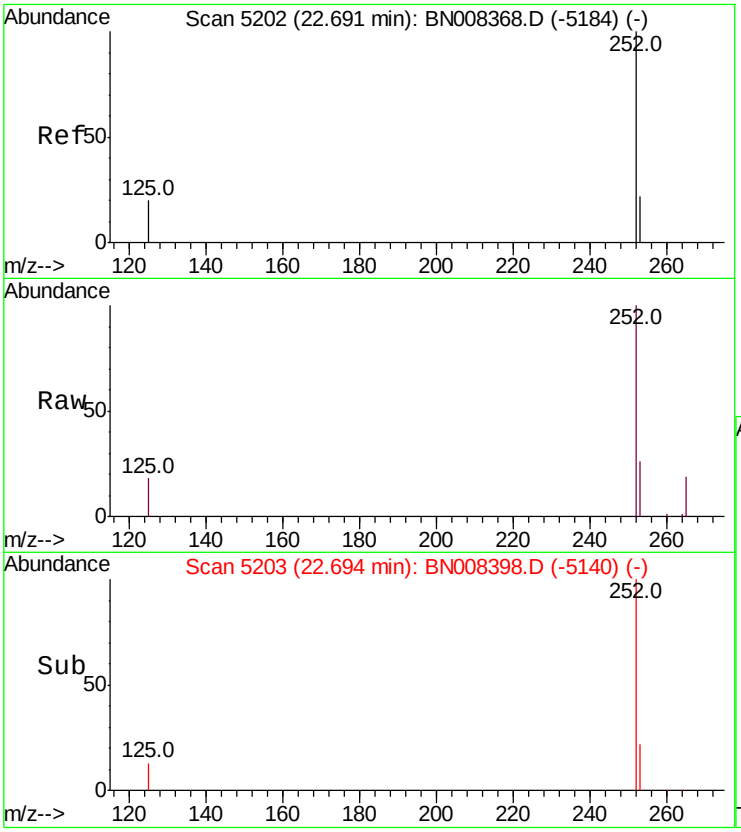


#19
Chrysene
Concen: 0.427 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:228 Resp: 17570

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.9	16.2	24.2



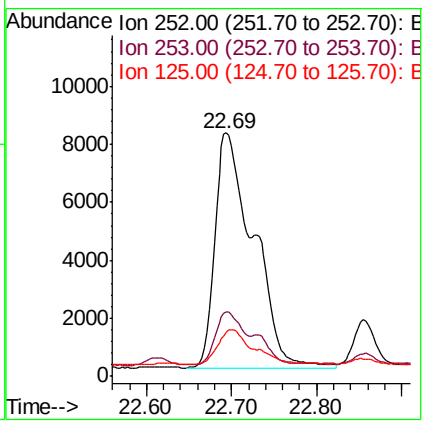


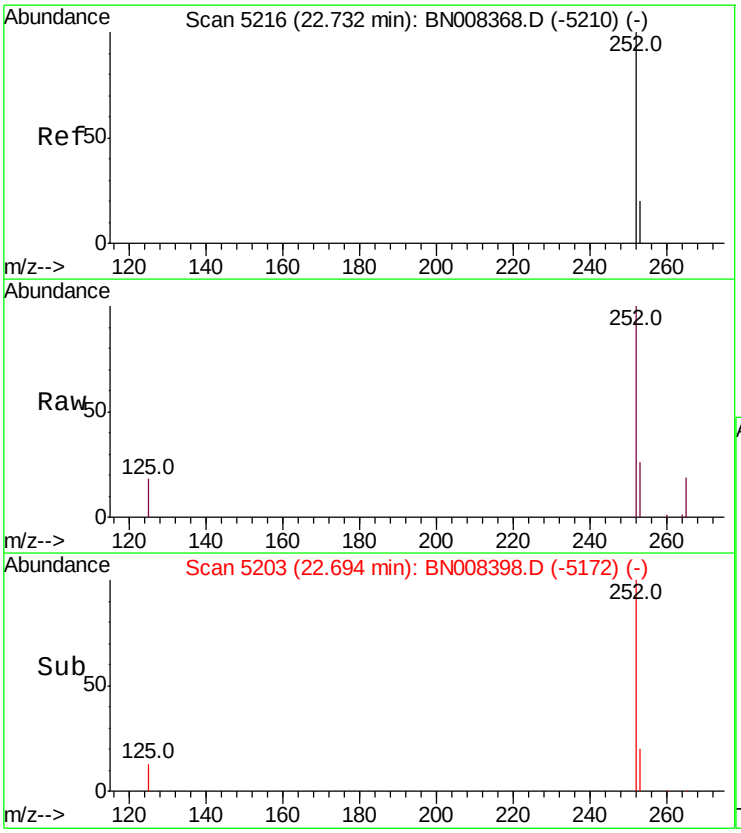
#21
Benzo(b)fluoranthene
Concen: 1.039 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 25661

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	53.4
125	18.0	0.0	32.4

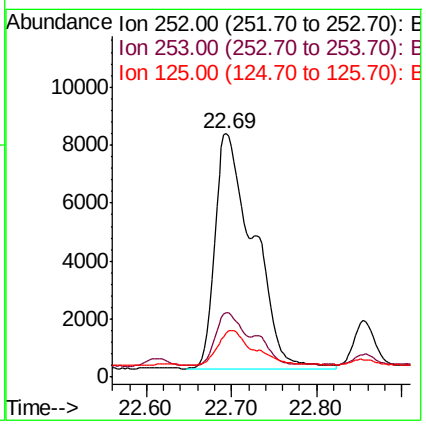


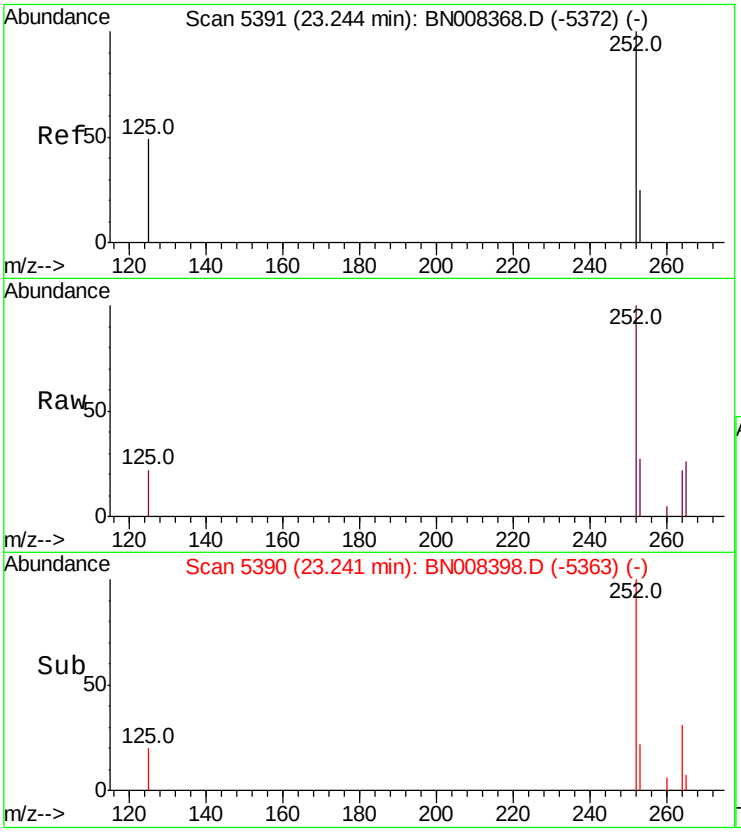


#22
Benzo(k)fluoranthene
Concen: 0.917 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.06 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:252 Resp: 25661

Ion	Ratio	Lower	Upper
252	100		
253	26.3	21.3	31.9
125	18.0	12.3	18.5



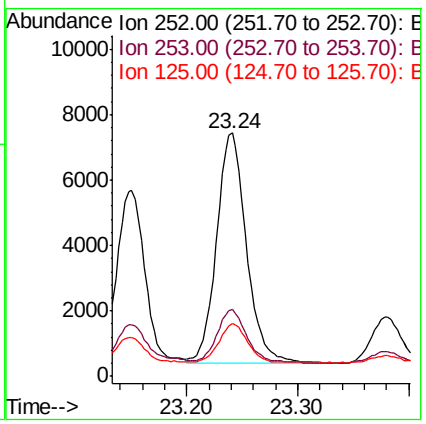


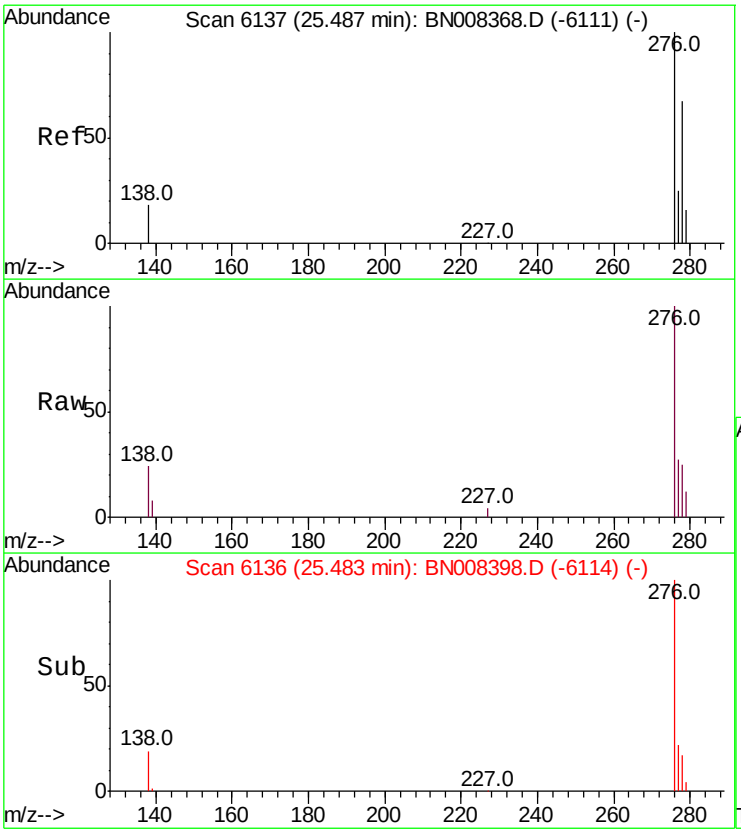
#23
Benzo(a)pyrene
Concen: 0.511 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. -0.02 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 13292

Ion	Ratio	Lower	Upper
252	100		
253	27.3	22.8	34.2
125	22.0	18.4	27.6

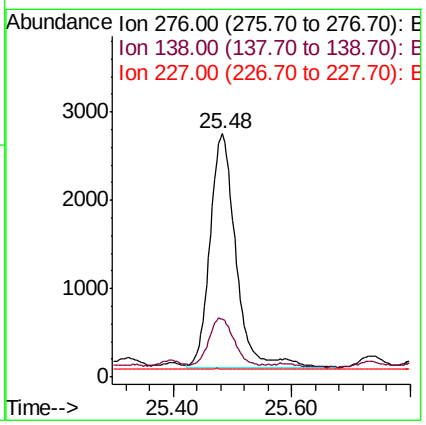


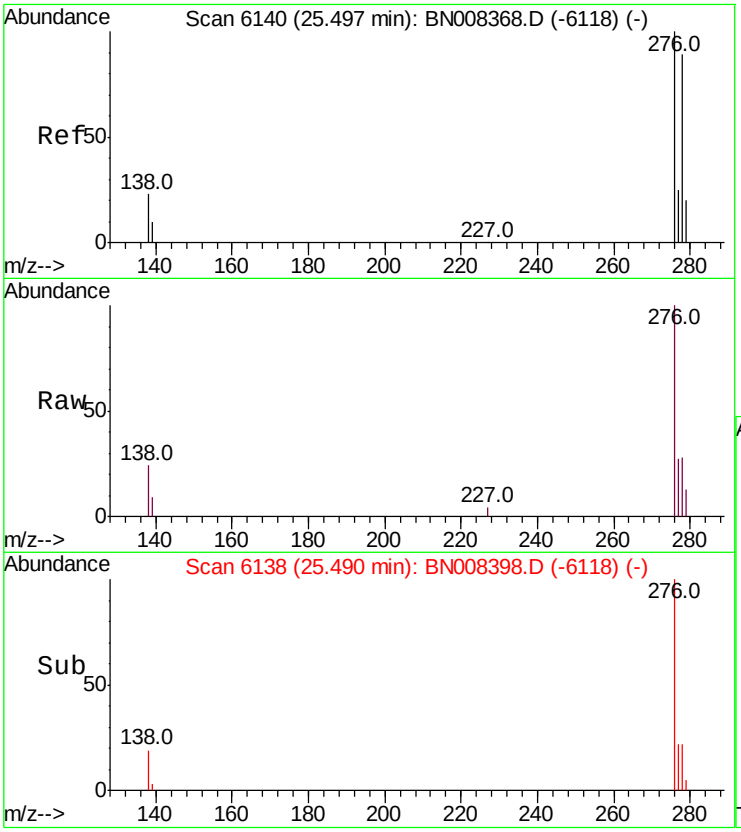


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.261 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.03 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:276 Resp: 7993

Ion	Ratio	Lower	Upper
276	100		
138	0.0	16.1	24.1#
227	0.1	0.2	0.2#



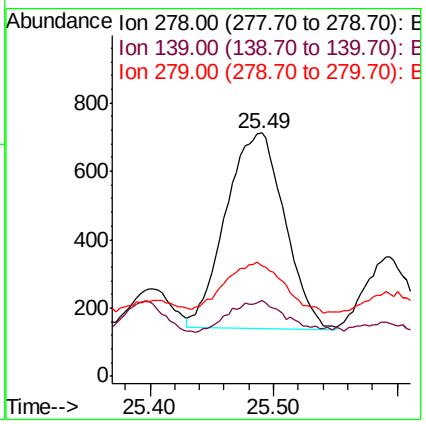


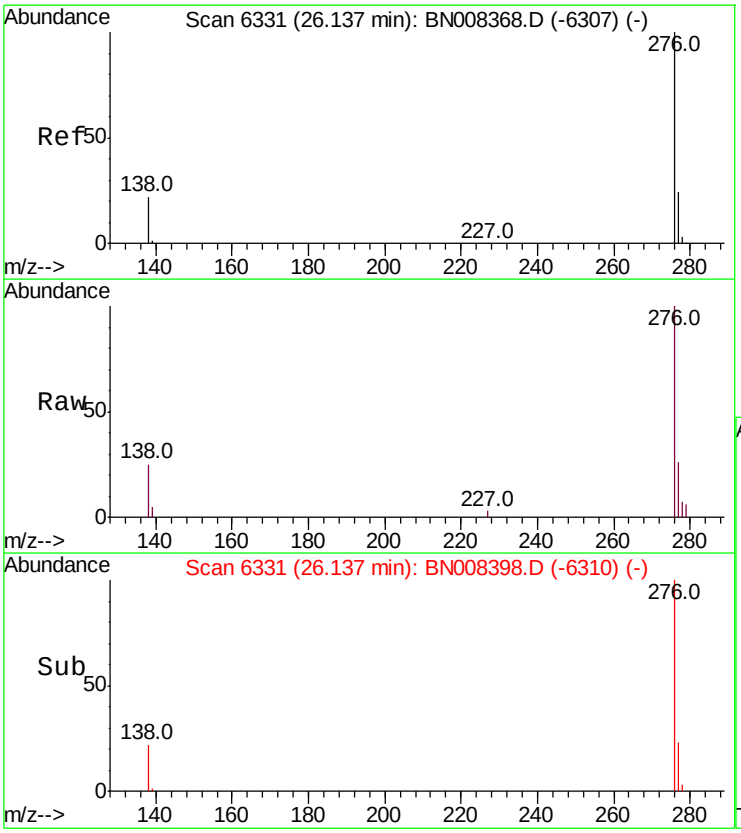
#25
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1882

Ion	Ratio	Lower	Upper
278	100		
139	31.3	15.0	22.6#
279	45.4	22.4	33.6#





#26
Benzo(g,h,i)perylene
Concen: 0.280 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008398.D
Acq: 24 Oct 2019 21:24

Tgt Ion:276 Resp: 7850

Ion	Ratio	Lower	Upper
276	100		
138	24.8	17.0	25.4
277	26.4	20.4	30.6