Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001118.D
Acq On : 03 May 2018 21:32
Operator : JU/SJ
Sample : J2633-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 04 08:06:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	127764	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	546927	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	266910	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	466689	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	380918	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	420135	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	523328	20.42	ng/ul	0.00
10) Fluorene-d10	15.25	176	351402	20.54	ng/ul	0.00
14) Anthracene-d10	17.10	188	452887	21.22	ng/ul	0.00
18) Pyrene-d10	19.41	212	421152	21.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	448755	22.61	ng/ul	0.00
Target Compounds						Qvalue
13) Phenanthrene	17.05	178	440881	17.321	ng/ul	100
15) Anthracene	17.14	178	63344	2.481	ng/ul	98
16) Fluoranthene	19.07	202	809530	31.347	ng/ul#	93
19) Pyrene	19.44	202	578996	23.664	ng/ul#	87
20) Benzo(a)anthracene	21.20	228	316546	13.902	ng/ul	98
21) Chrysene	21.25	228	366608	17.130	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	506513	21.214	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	643204	27.530	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	259674	11.380	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.60	276	206975	7.510	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	65358	2.845	ng/ul#	78
29) Benzo(g,h,i)perylene	26.27	276	188268	8.167	ng/ul#	91

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

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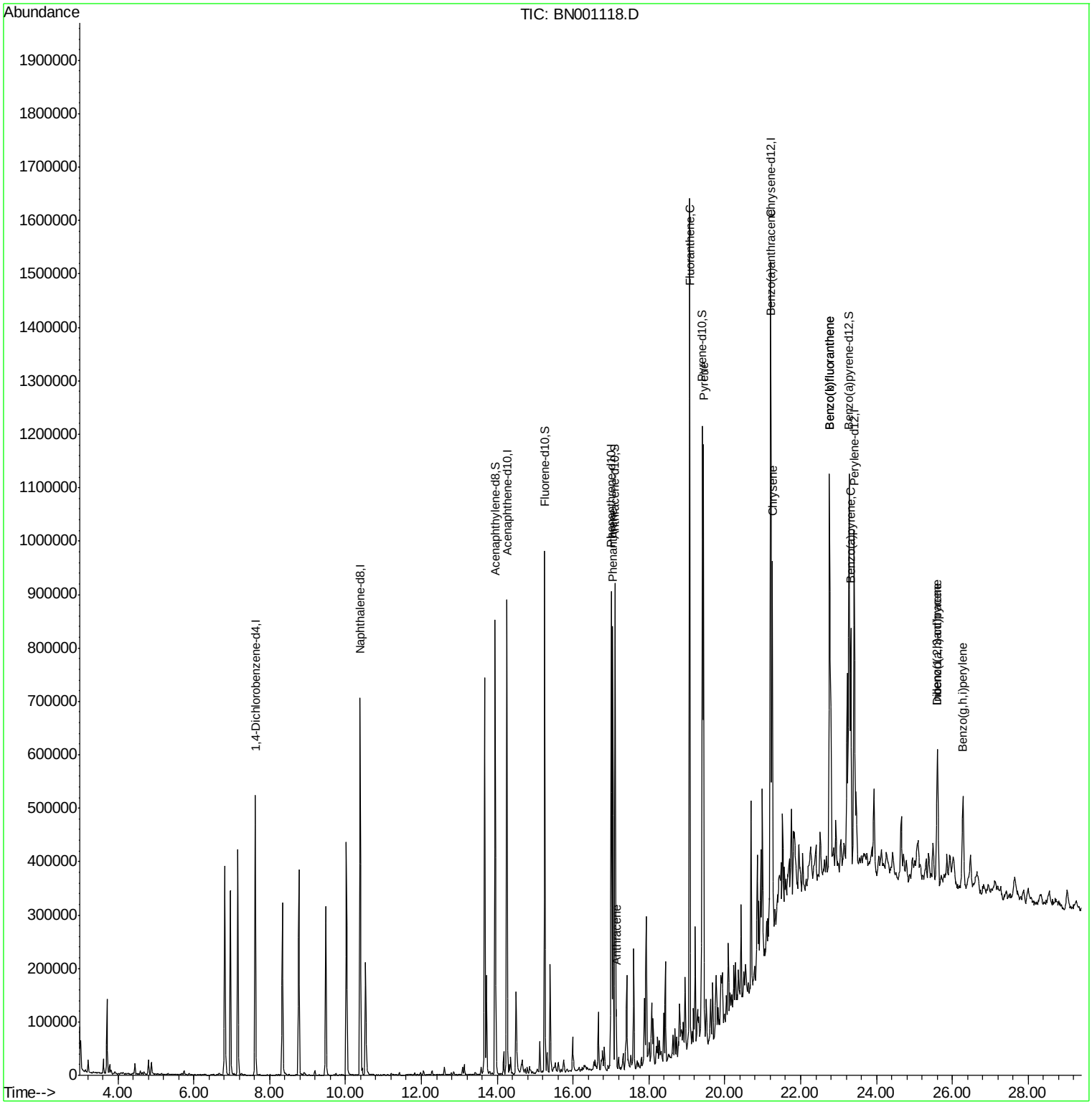
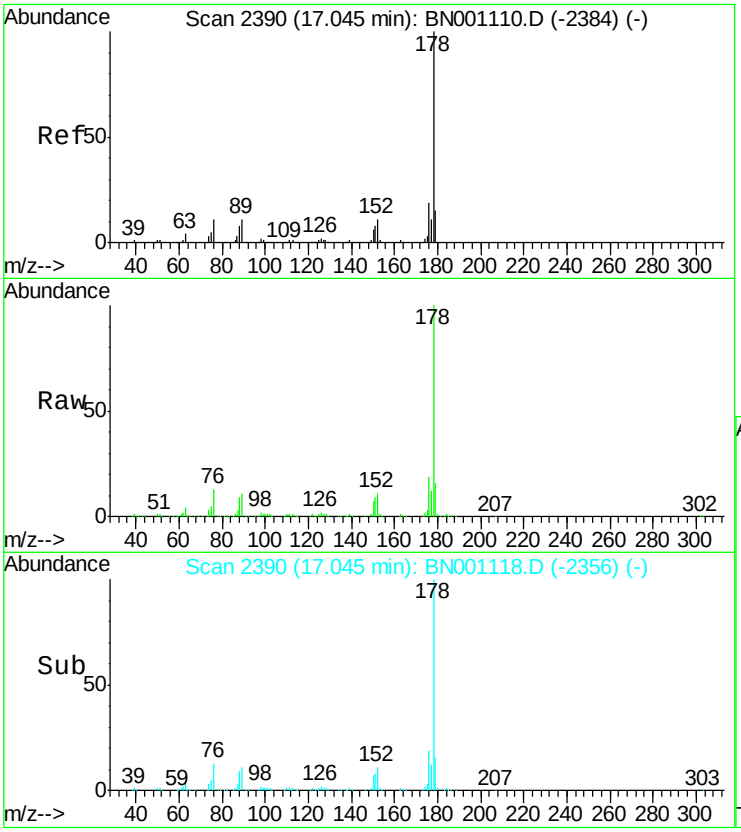
Acq On : 03 May 2018 21:32
Operator : JU/SJ
Sample : J2633-05
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 04 08:06:42 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 04 08:04:57 2018
Response via : Initial Calibration



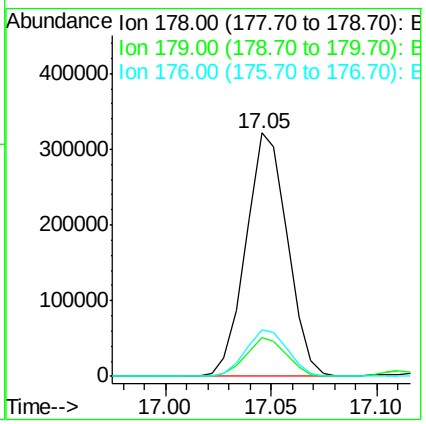


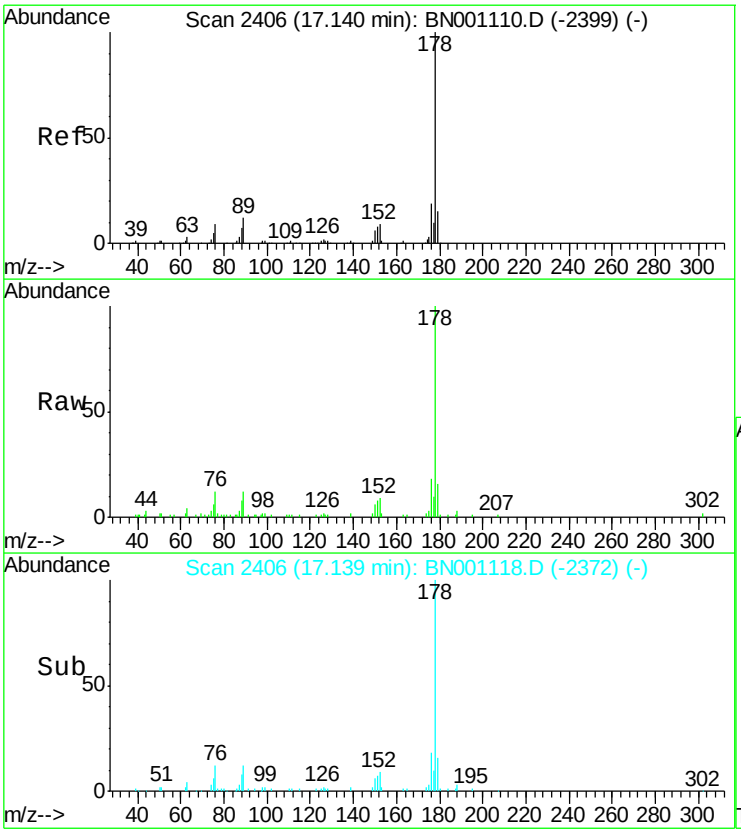
#13
Phenanthrene
Concen: 17.321 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 440881

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.9	15.1	22.7

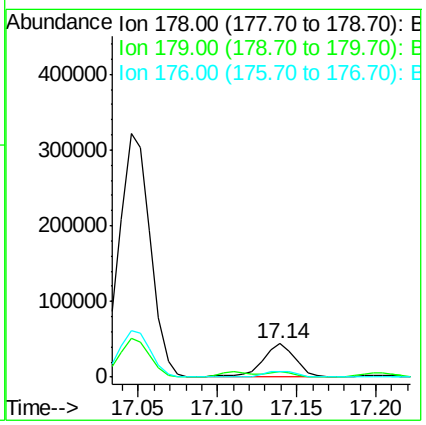


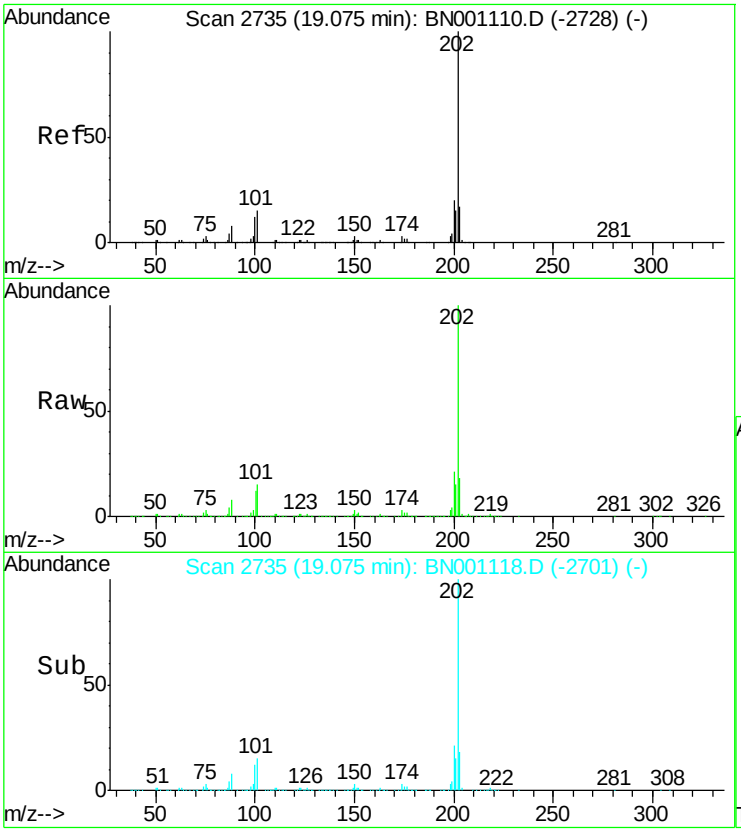


#15
Anthracene
Concen: 2.481 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:178 Resp: 63344

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.8	17.8
176	18.4	15.2	22.8



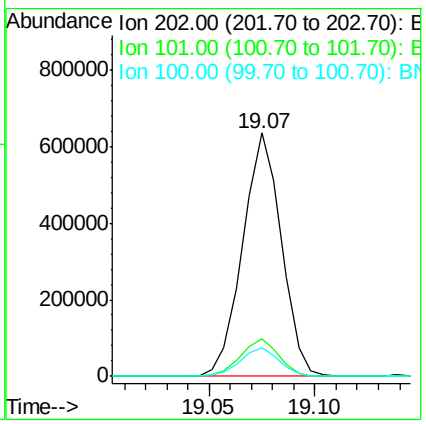


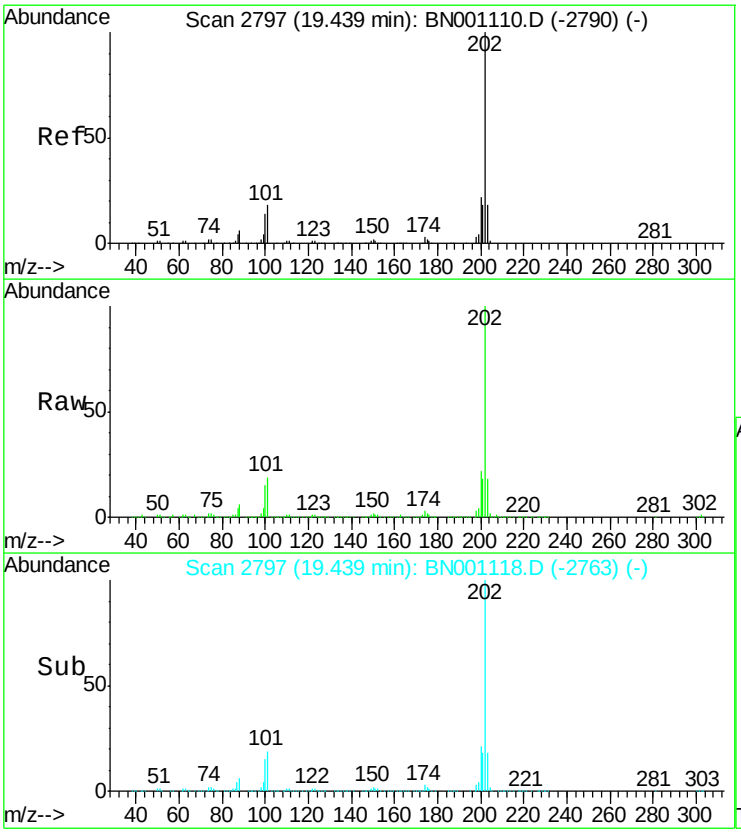
#16
Fluoranthene
Concen: 31.347 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 809530

Ion	Ratio	Lower	Upper
202	100		
101	15.3	9.9	14.9#
100	11.7	7.4	11.0#

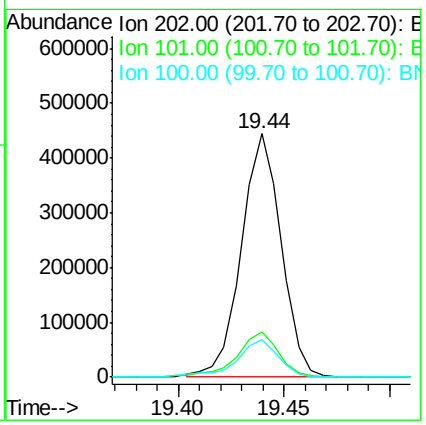


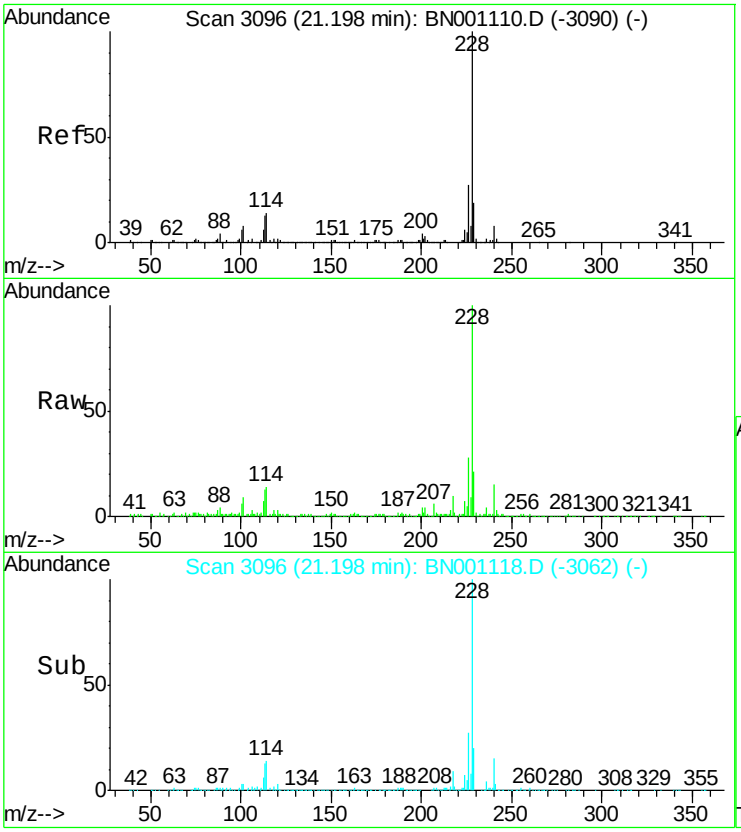


#19
Pyrene
Concen: 23.664 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:202 Resp: 578996

Ion	Ratio	Lower	Upper
202	100		
101	18.6	11.0	16.4#
100	15.2	8.1	12.1#



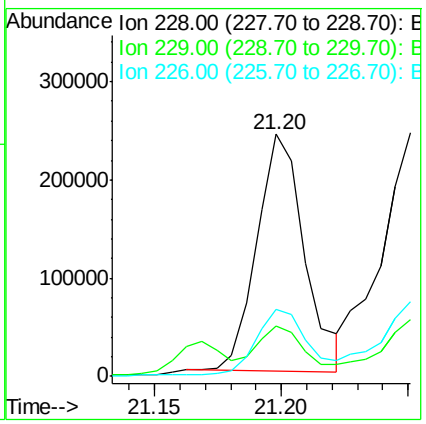


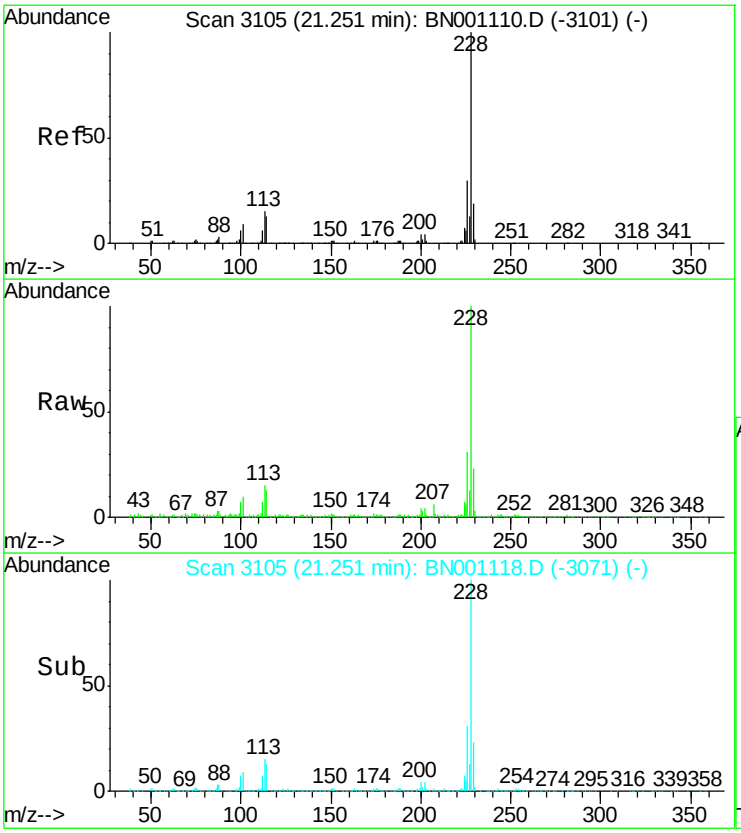
#20
Benzo(a)anthracene
Concen: 13.902 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 316546

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.6	21.1	31.7

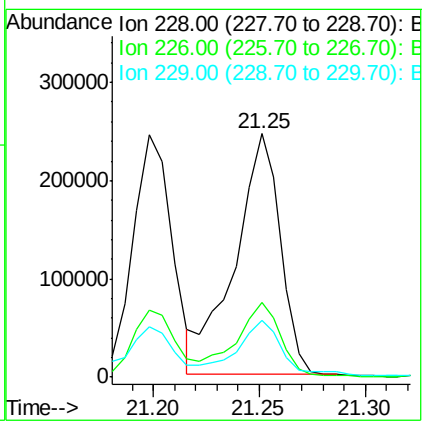


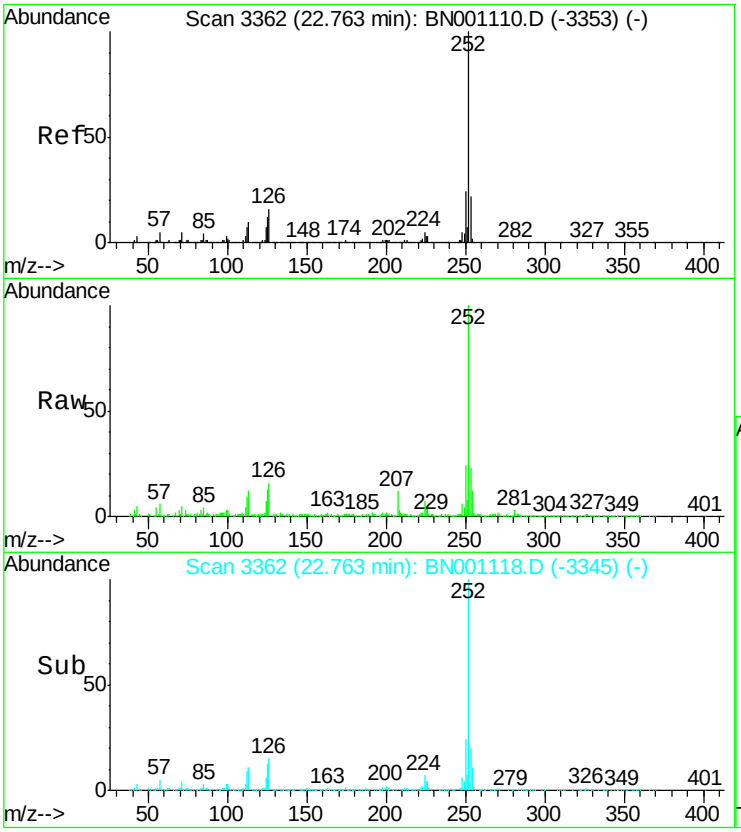


#21
Chrysene
Concen: 17.130 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:228 Resp: 366608

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	23.2	15.8	23.8



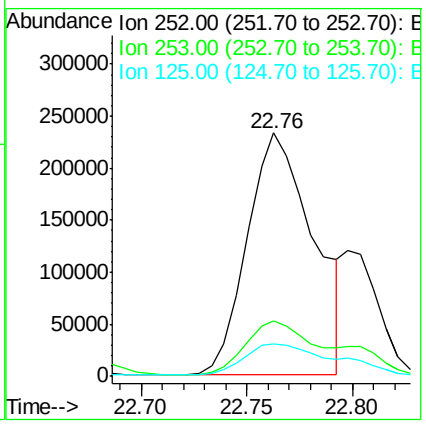


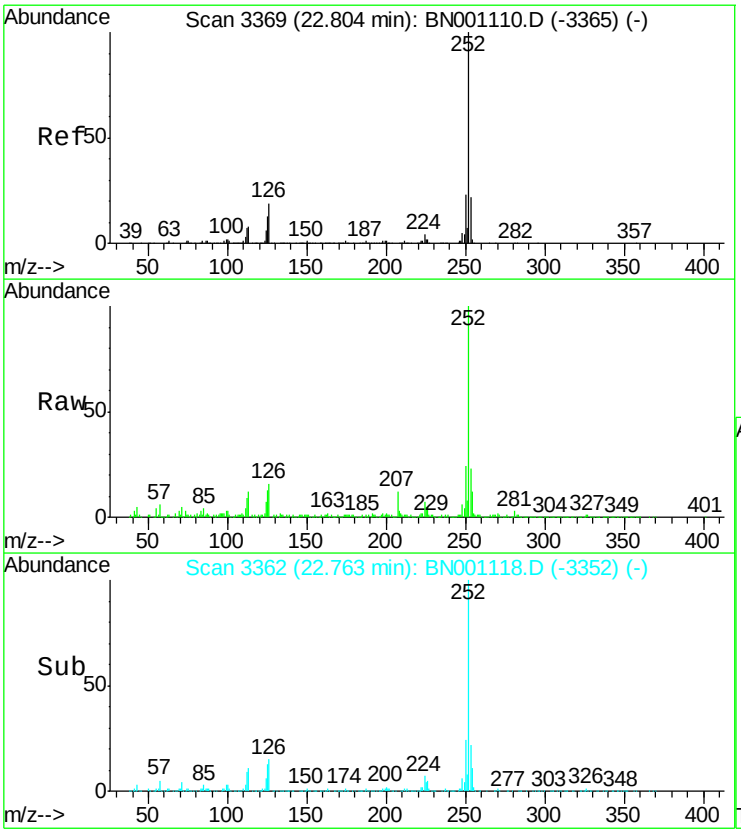
#23
Benzo(b)fluoranthene
Concen: 21.214 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 506513

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.3	8.0	12.0#

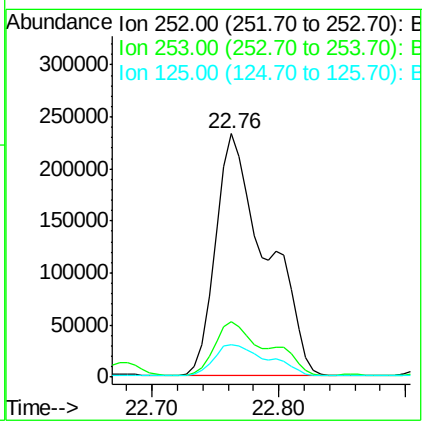


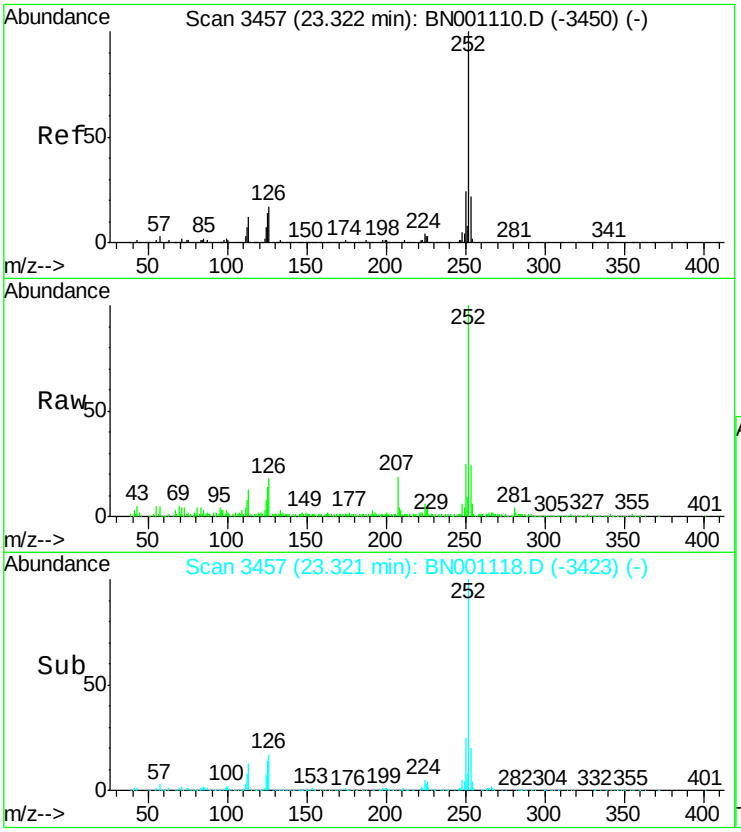


#24
Benzo(k)fluoranthene
Concen: 27.530 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:252 Resp: 643204

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.0	27.0
125	13.3	8.1	12.1#



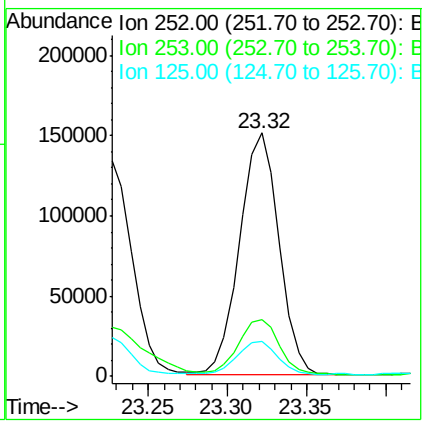


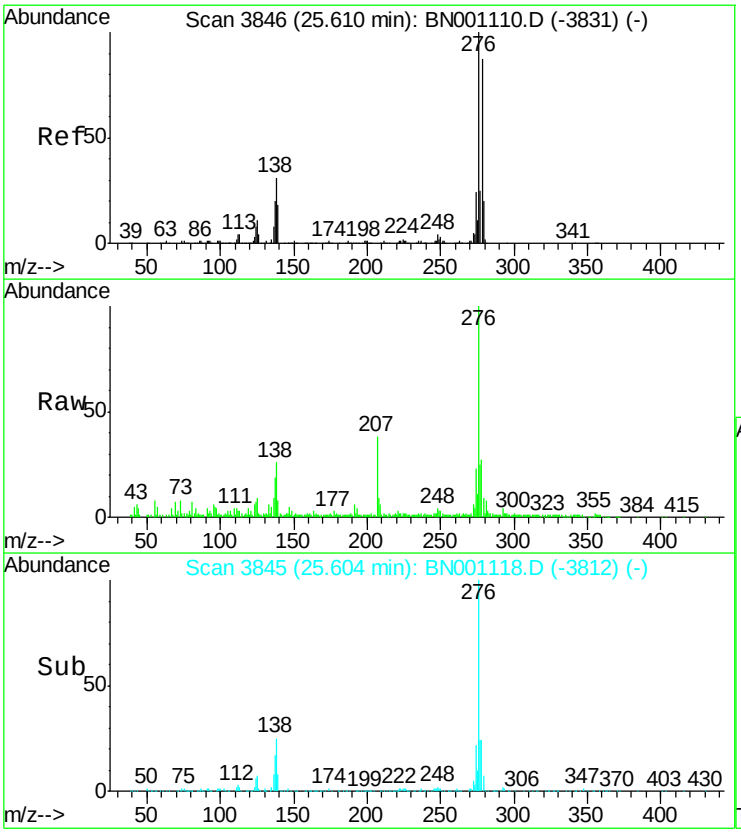
#26
Benzo(a)pyrene
Concen: 11.380 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 259674

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	14.4	8.2	12.4#

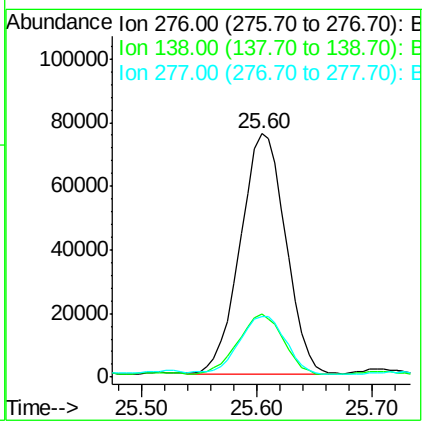


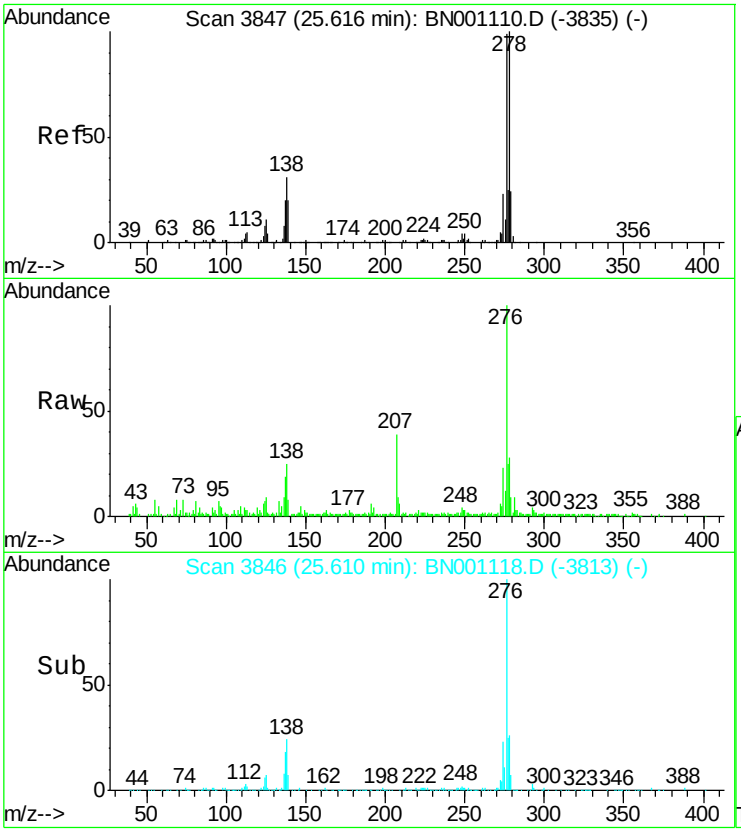


#27
Indeno(1,2,3-cd)pyrene
Concen: 7.510 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:276 Resp: 206975

Ion	Ratio	Lower	Upper
276	100		
138	25.8	14.4	21.6#
277	25.1	18.0	27.0



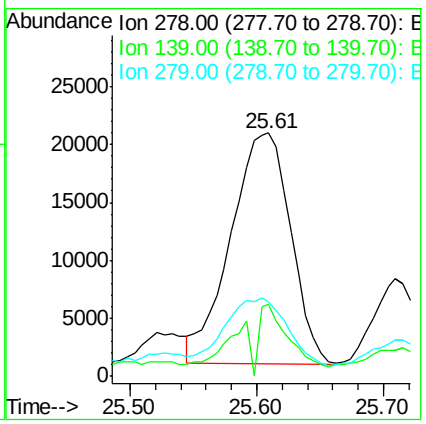


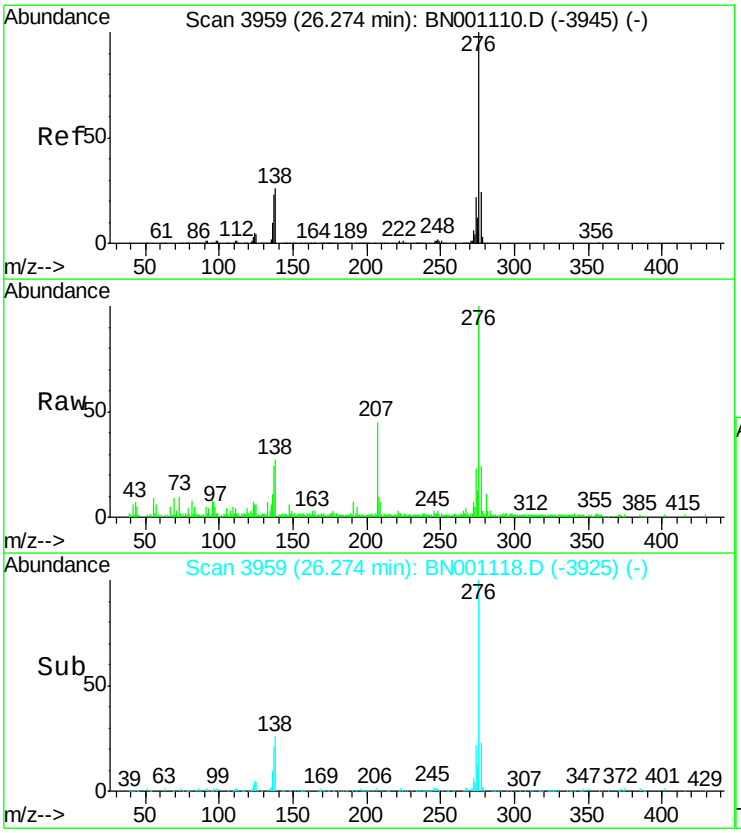
#28
Dibenzo(a,h)anthracene
Concen: 2.845 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 65358

Ion	Ratio	Lower	Upper
278	100		
139	29.5	12.2	18.4#
279	30.9	19.2	28.8#





#29
Benzo(g,h,i)perylene
Concen: 8.167 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. -0.00 min
Lab File: BN001118.D
Acq: 03 May 2018 21:32

Tgt Ion:276 Resp: 188268

Ion	Ratio	Lower	Upper
276	100		
138	27.3	15.3	22.9#
277	24.4	19.0	28.4