Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: May 04 08:06:17 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	94855	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	383693	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	188442	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	378195	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	372850	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	412657	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	578801	31.98	ng/ul	0.00
10) Fluorene-d10	15.25	176	391253	32.39	ng/ul	0.00
14) Anthracene-d10	17.10	188	573489	33.16	ng/ul	0.00
18) Pyrene-d10	19.41	212	597956	31.30	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	688270	35.31	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	13.98	152	23737	1.325	ng/ul	98
9) Acenaphthene	14.32	153	30527	2.467	ng/ul	96
11) Fluorene	15.31	166	43403	3.294	ng/ul	91
13) Phenanthrene	17.05	178	1003912	48.670	ng/ul	99
15) Anthracene	17.14	178	232575	11.241	ng/ul	99
16) Fluoranthene	19.07	202	1795061	85.775	ng/ul#	92
19) Pyrene	19.44	202	1347207	56.254	ng/ul#	87
20) Benzo(a)anthracene	21.20	228	764295	34.292	ng/ul	98
21) Chrysene	21.25	228	761501	36.351	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	1093084	46.610	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	1129529	49.222	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	514151	22.941	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.60	276	338262	12.496	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.61	278	105846	4.691	ng/ul#	88
29) Benzo(g,h,i)perylene	26.27	276	318136	14.051	ng/ul#	93

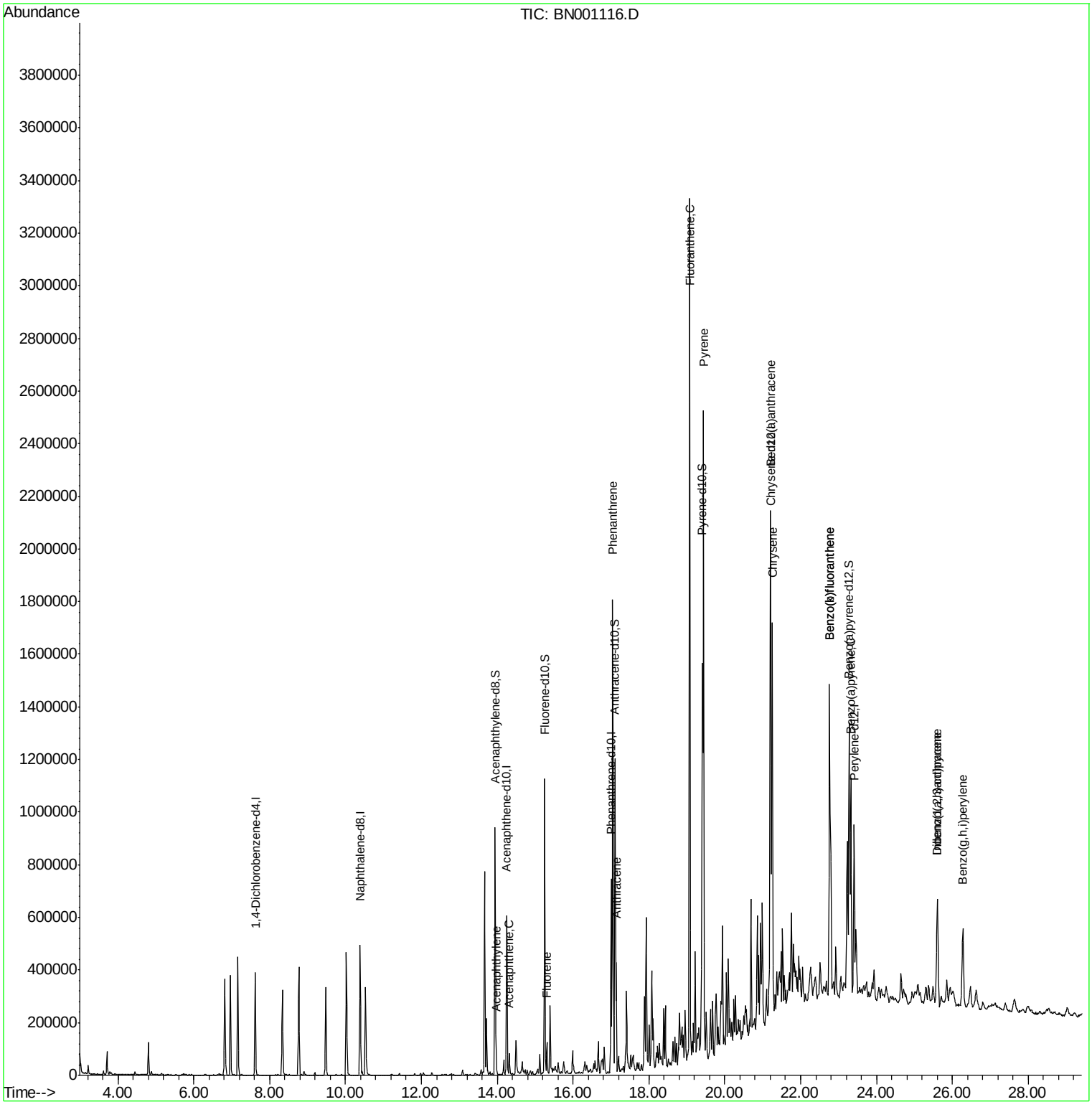
(#) = qualifier out of range (m) = manual integration (+) = signals summed

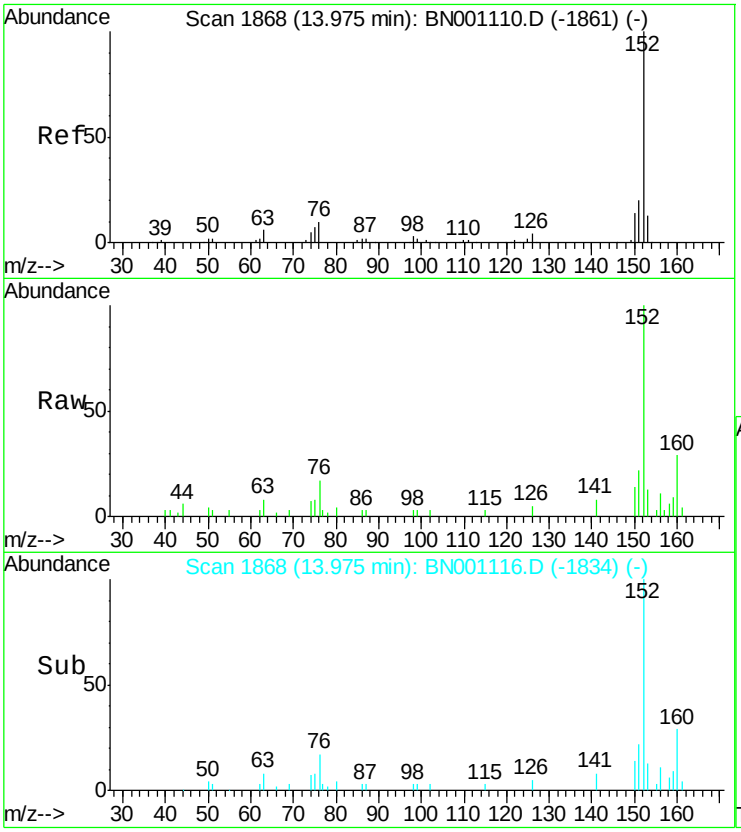
Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050318\
Data File : BN001116.D
Acq On : 03 May 2018 20:21
Operator : JU/SJ
Sample : J2633-10
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 04 08:06:17 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



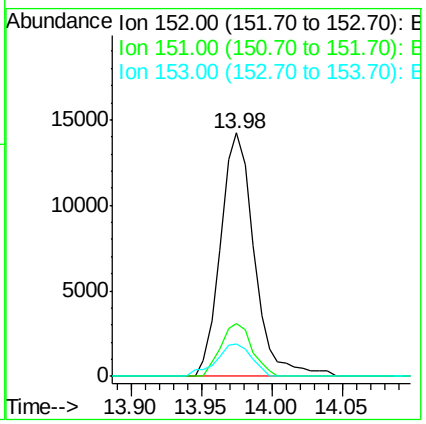


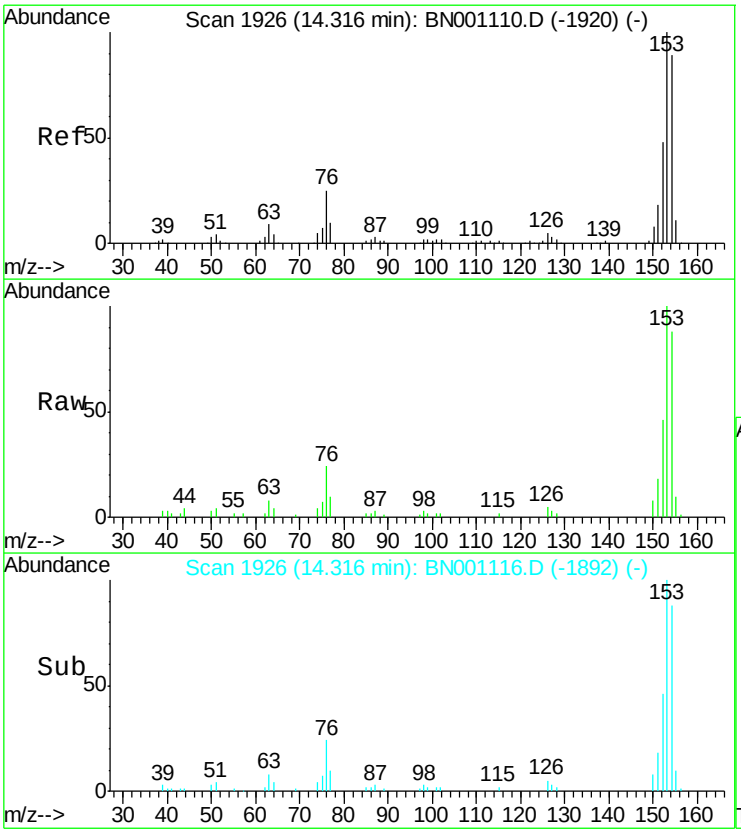
#8
Acenaphthylene
Concen: 1.325 ng/ul
RT: 13.98 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 23737

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.7	25.1
153	13.1	10.2	15.4

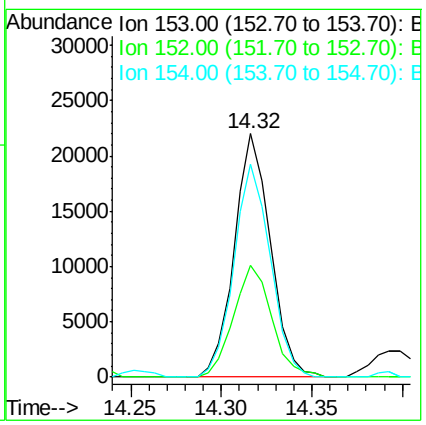


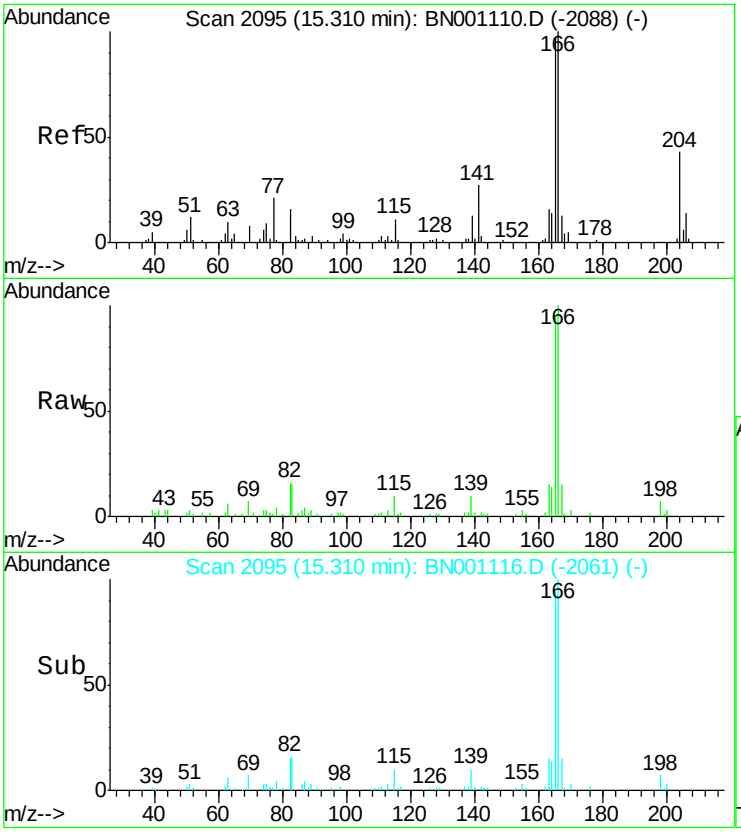


#9
Acenaphthene
Concen: 2.467 ng/ul
RT: 14.32 min Scan# 1926
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:153 Resp: 30527

Ion	Ratio	Lower	Upper
153	100		
152	46.0	39.0	58.6
154	87.5	66.8	100.2



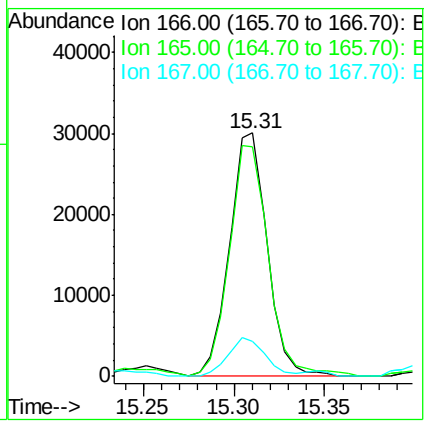


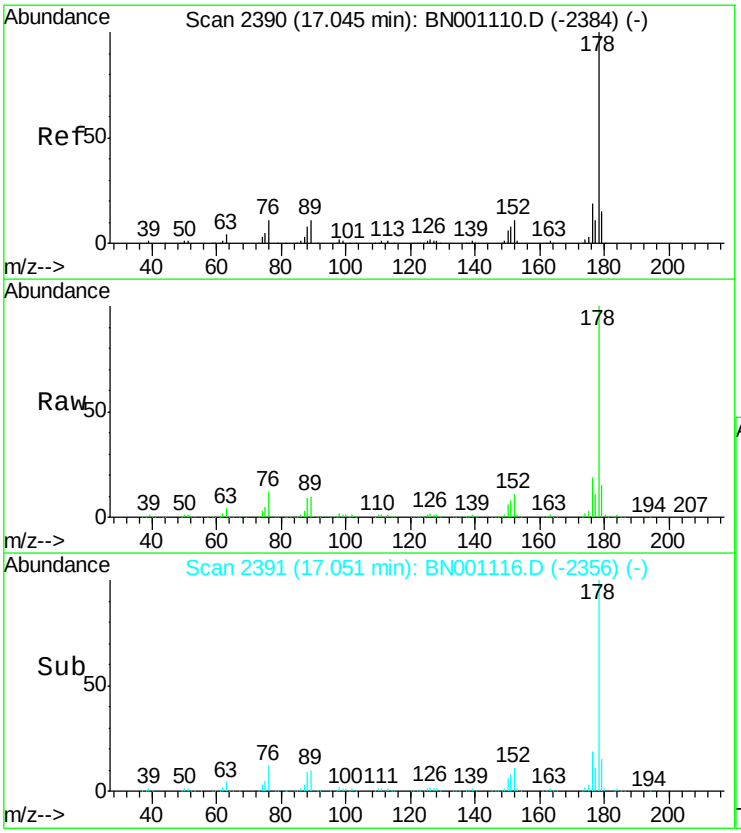
#11
Fluorene
Concen: 3.294 ng/ul
RT: 15.31 min Scan# 2095
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 43403

Ion	Ratio	Lower	Upper
166	100		
165	94.1	83.8	125.8
167	14.6	11.5	17.3

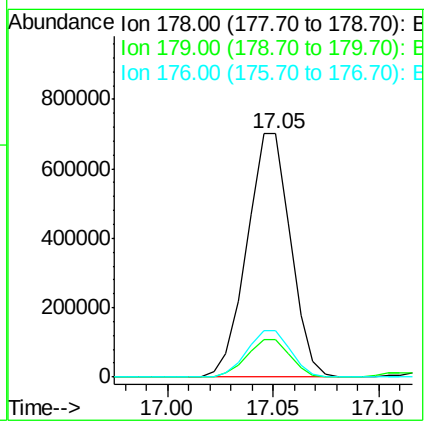


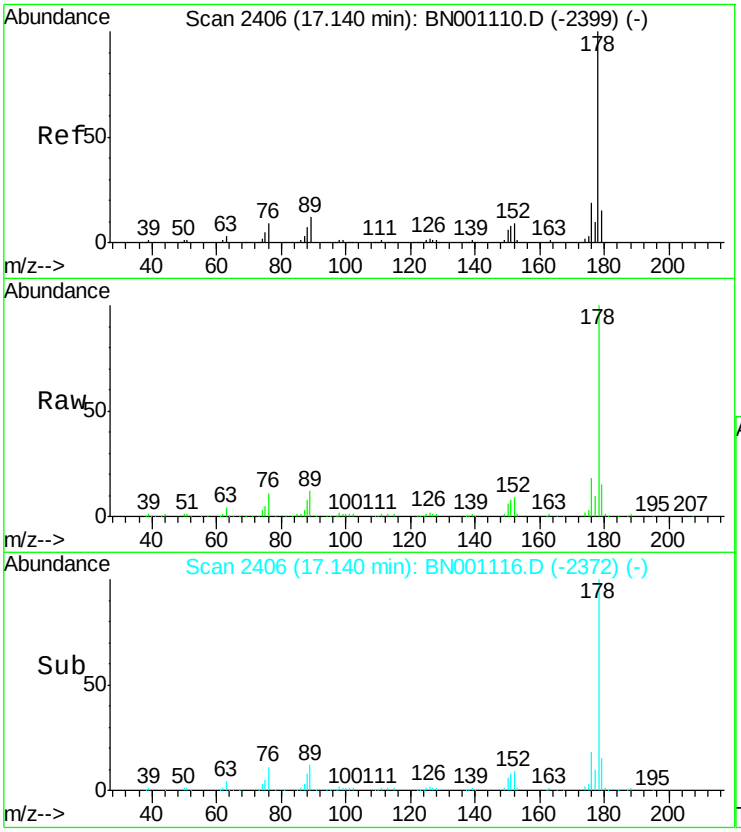


#13
Phenanthrene
Concen: 48.670 ng/ul
RT: 17.05 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:178 Resp: 1003912

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	19.1	15.1	22.7



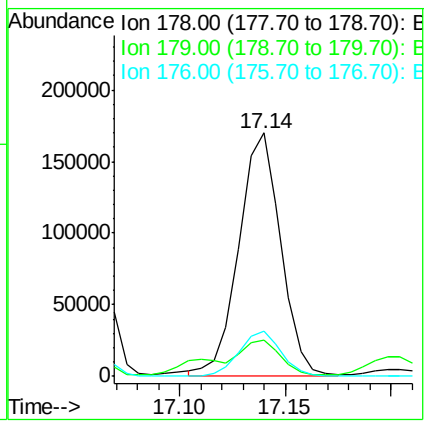


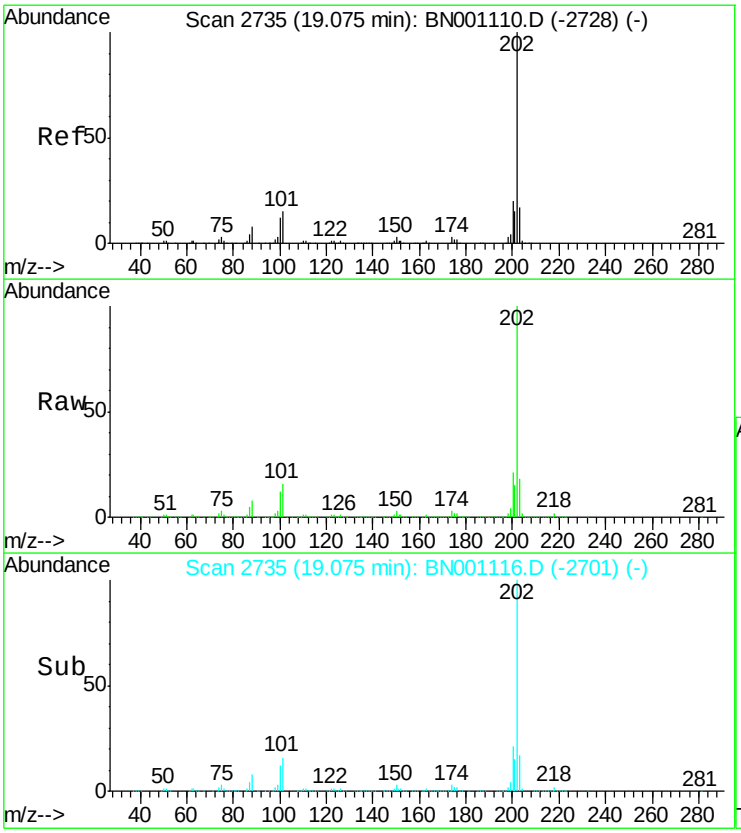
#15
Anthracene
Concen: 11.241 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 232575

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.5	15.2	22.8

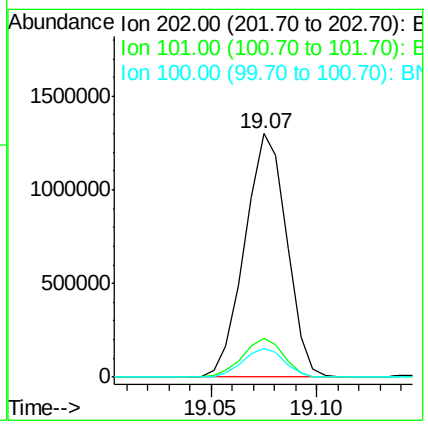


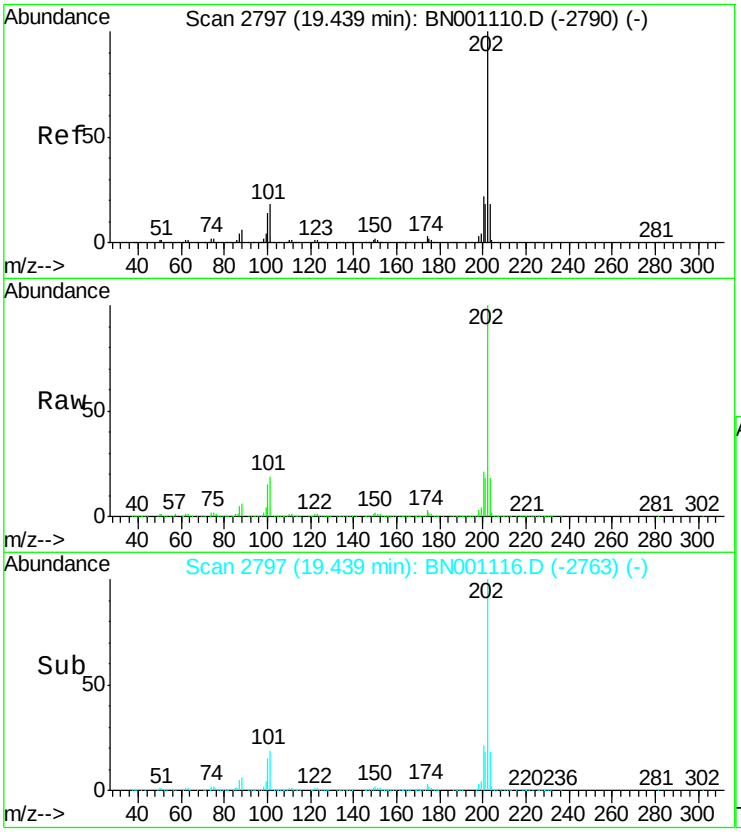


#16
Fluoranthene
Concen: 85.775 ng/ul
RT: 19.07 min Scan# 2735
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:202 Resp: 1795061

Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	12.0	7.4	11.0#



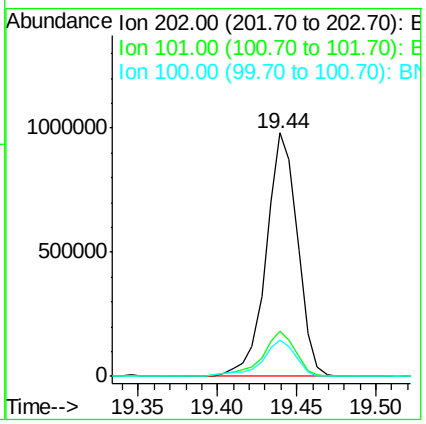


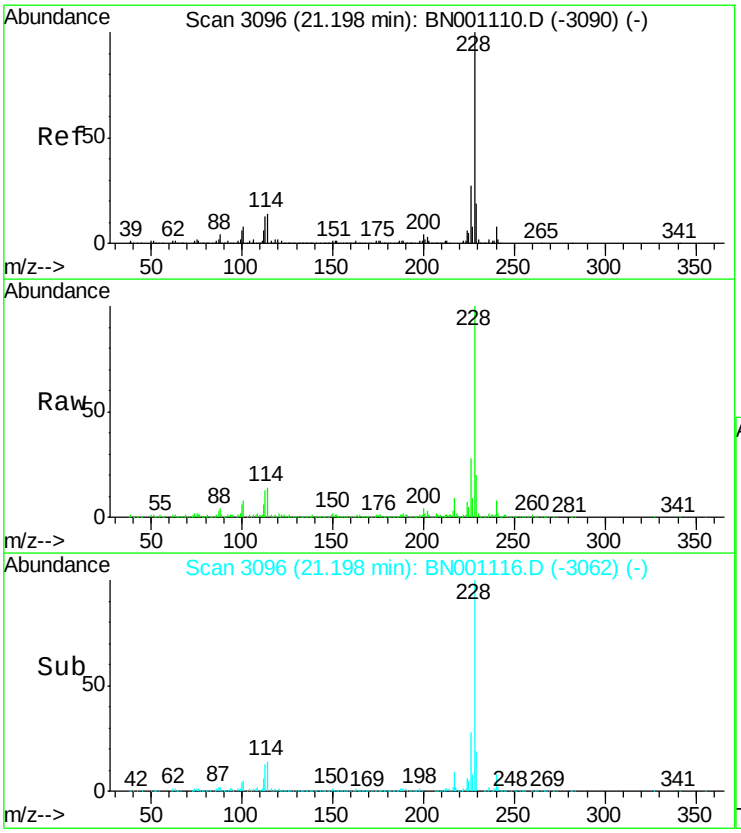
#19
Pyrene
Concen: 56.254 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 1347207

Ion	Ratio	Lower	Upper
202	100		
101	18.6	11.0	16.4#
100	15.1	8.1	12.1#

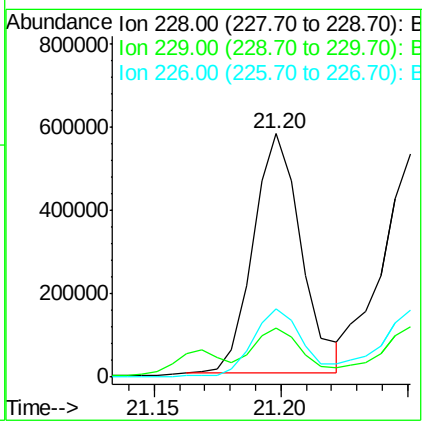


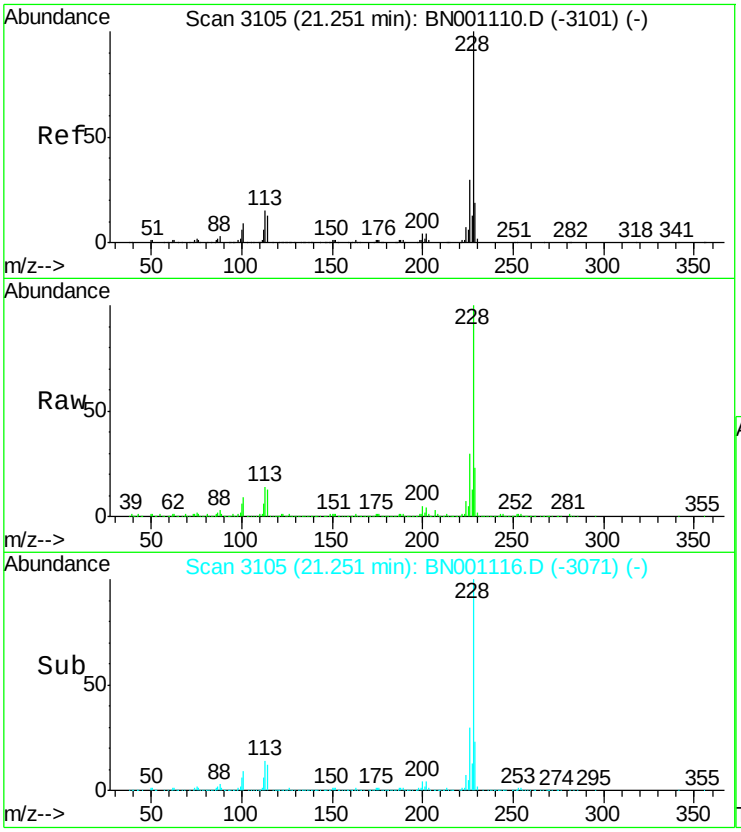


#20
Benzo(a)anthracene
Concen: 34.292 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:228 Resp: 764295

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.9	21.1	31.7



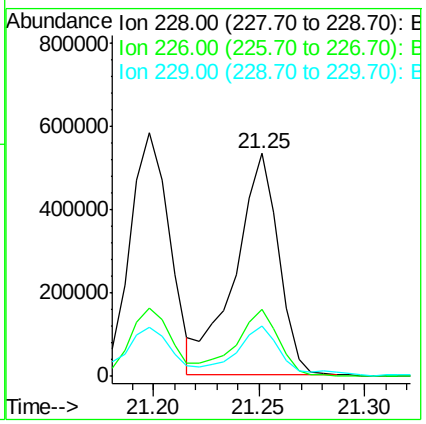


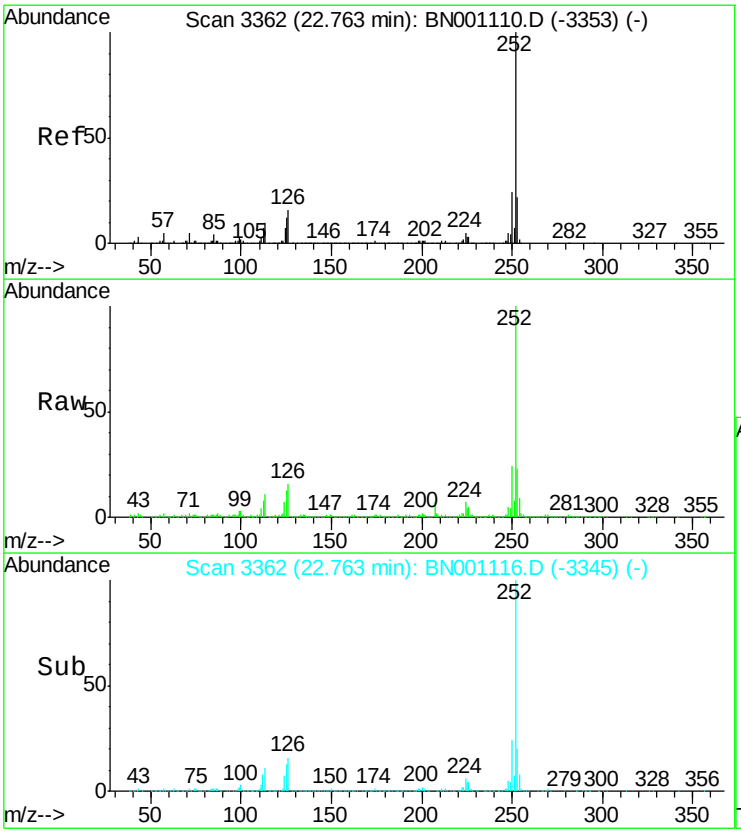
#21
Chrysene
Concen: 36.351 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 761501

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	22.8	15.8	23.8

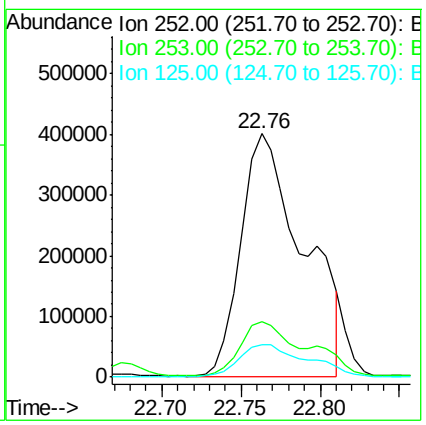


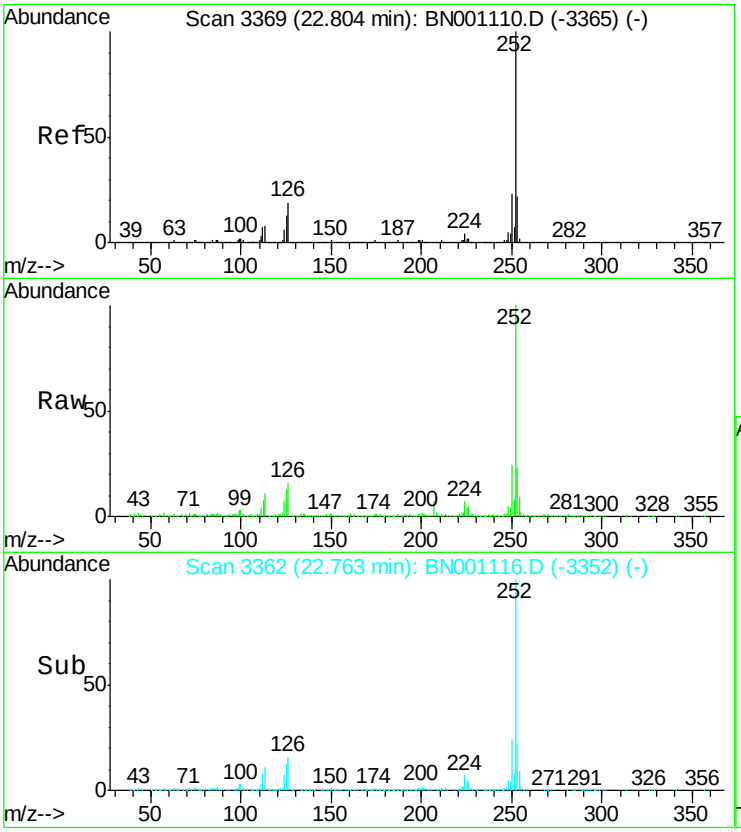


#23
Benzo(b)fluoranthene
Concen: 46.610 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:252 Resp: 1093084

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.4	8.0	12.0#



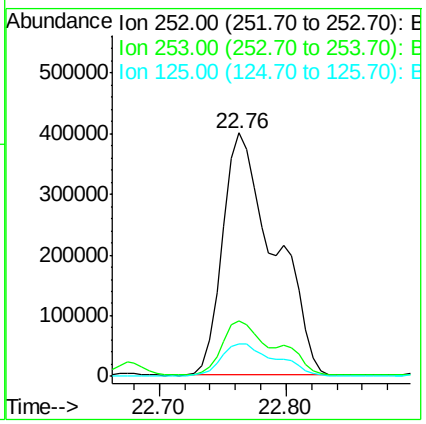


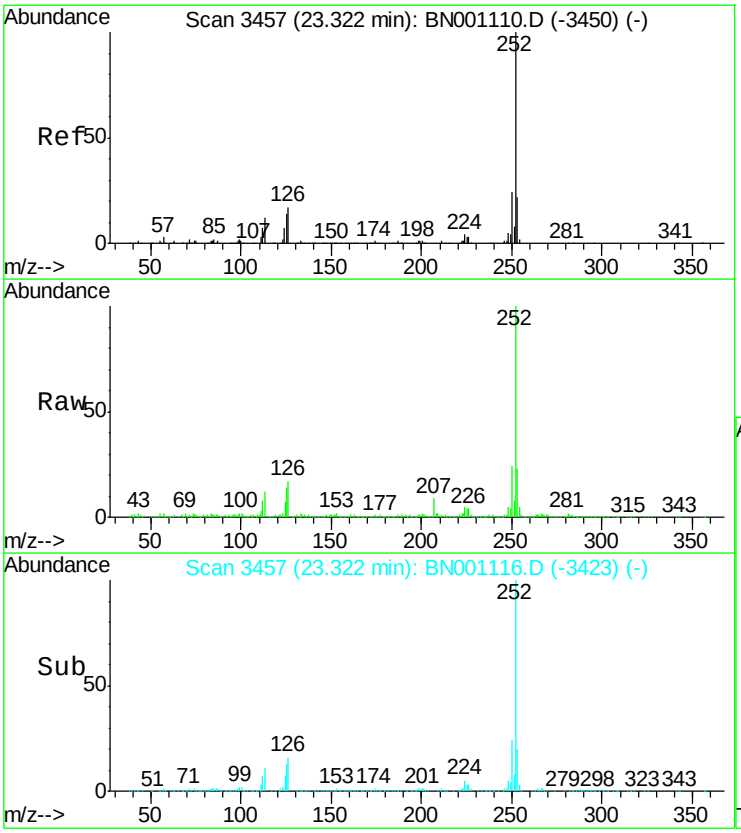
#24
Benzo(k)fluoranthene
Concen: 49.222 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.04 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1129529

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.0	27.0
125	13.4	8.1	12.1#

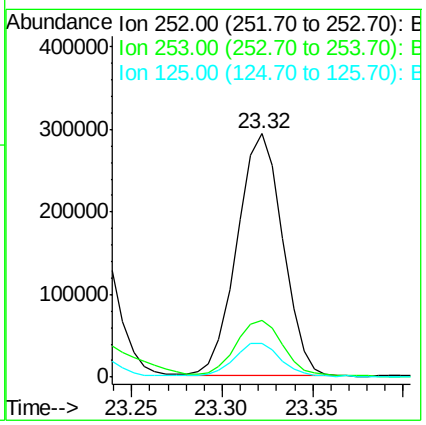


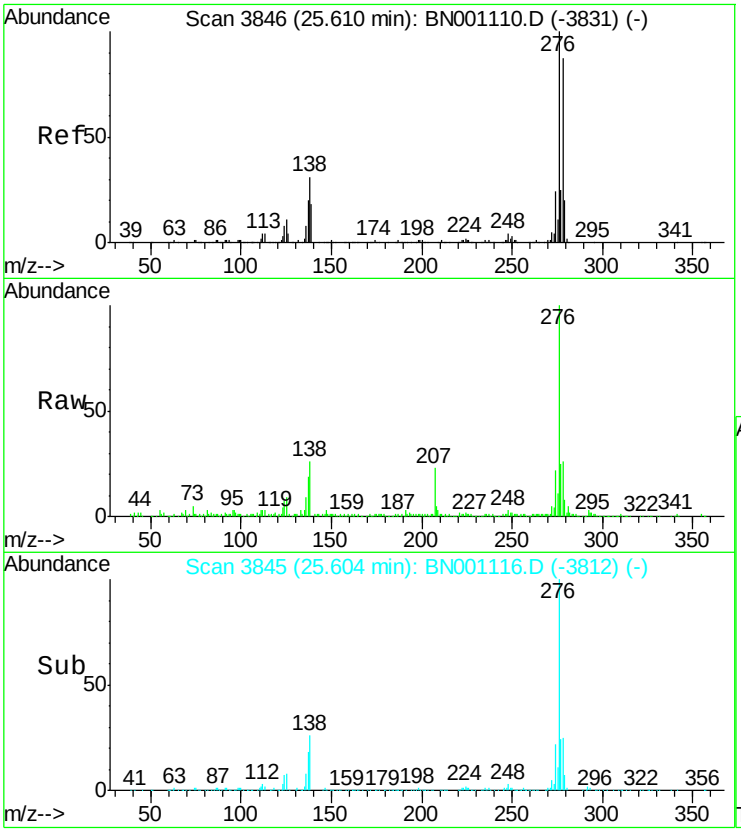


#26
Benzo(a)pyrene
Concen: 22.941 ng/ul
RT: 23.32 min Scan# 3457
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:252 Resp: 514151

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	13.8	8.2	12.4#



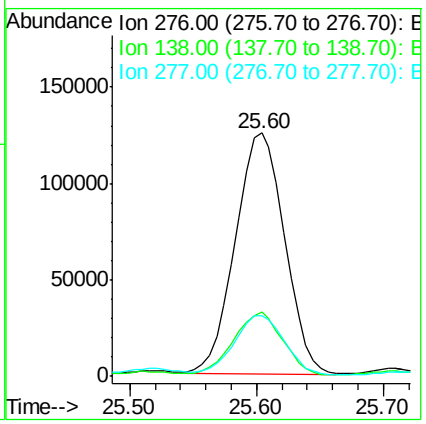


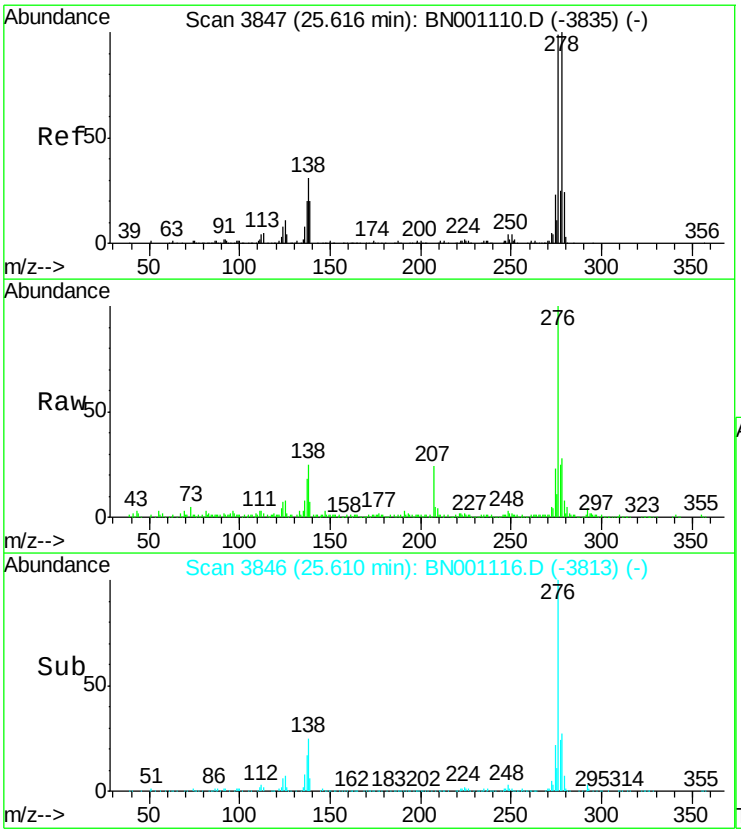
#27
Indeno(1,2,3-cd)pyrene
Concen: 12.496 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 338262

Ion	Ratio	Lower	Upper
276	100		
138	26.3	14.4	21.6#
277	24.8	18.0	27.0

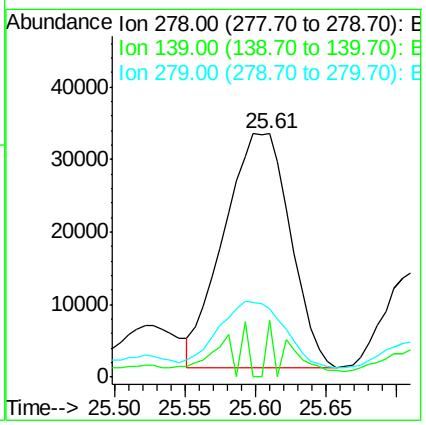


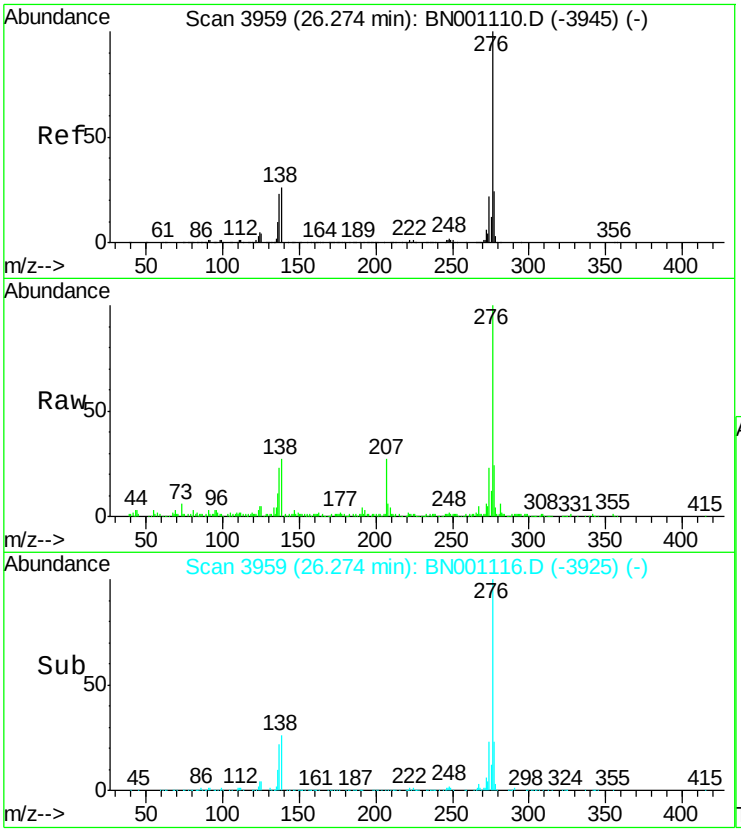


#28
Dibenzo(a,h)anthracene
Concen: 4.691 ng/ul
RT: 25.61 min Scan# 3846
Delta R.T. -0.01 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Tgt Ion:278 Resp: 105846

Ion	Ratio	Lower	Upper
278	100		
139	23.5	12.2	18.4#
279	27.9	19.2	28.8





#29
Benzo(g,h,i)perylene
Concen: 14.051 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BN001116.D
Acq: 03 May 2018 20:21

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 318136

Ion	Ratio	Lower	Upper
276	100		
138	26.6	15.3	22.9#
277	23.8	19.0	28.4