Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\

Quantitation Report (Not Reviewed)

Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Time: Dec 14 04:36:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 04:33:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	28312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	146127	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	91524	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	229826	20.00	ng/ul	0.00
77) Chrysene-d12	21.39	240	319451	20.00	ng/ul	0.00
85) Perylene-d12	23.71	264	355696	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	975	2.25	ng/uL	0.00
5) Phenol-d5	6.99	99	40856	14.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	22432	14.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	34238	15.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	29140	12.49	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	17671	15.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	20045	15.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	36529	15.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	25205	11.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	124077	15.19	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	153288	15.81	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	22523	13.33	ng/ul	0.00
57) Fluorene-d10	15.46	176	116510	16.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	11231	6.79	ng/ul	0.00
70) Anthracene-d10	17.31	188	184023	15.85	ng/ul	0.00
78) Pyrene-d10	19.60	212	225448	15.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.56	264	309415	16.03	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.02	94	8812	3.136	ng/ul	95
44) Dimethylphthalate	13.92	163	40672	5.100	ng/ul	100
69) Phenanthrene	17.25	178	276928	20.854	ng/ul	99
71) Anthracene	17.34	178	34580	2.540	ng/ul	98
74) Carbazole	17.62	167	33202	2.655	ng/ul	99
76) Fluoranthene	19.27	202	518301	31.843	ng/ul	98
79) Pyrene	19.63	202	483494	27.091	ng/ul	99
82) Benzo(a)anthracene	21.37	228	243682	12.233	ng/ul	98
84) Chrysene	21.43	228	276365	14.812	ng/ul	98
87) Benzo(b)fluoranthene	23.01	252	330179	15.496	ng/ul	97
88) Benzo(k)fluoranthene	23.01	252	330179	16.549	ng/ul	97
90) Benzo(a)pyrene	23.60	252	216926	10.571	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	26.06	276	143756	5.374	ng/ul	95
92) Dibenzo(a,h)anthracene	26.06	278	37870	1.703	ng/ul#	78
93) Benzo(g,h,i)perylene	26.79	276	139009	6.209	ng/ul	99

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

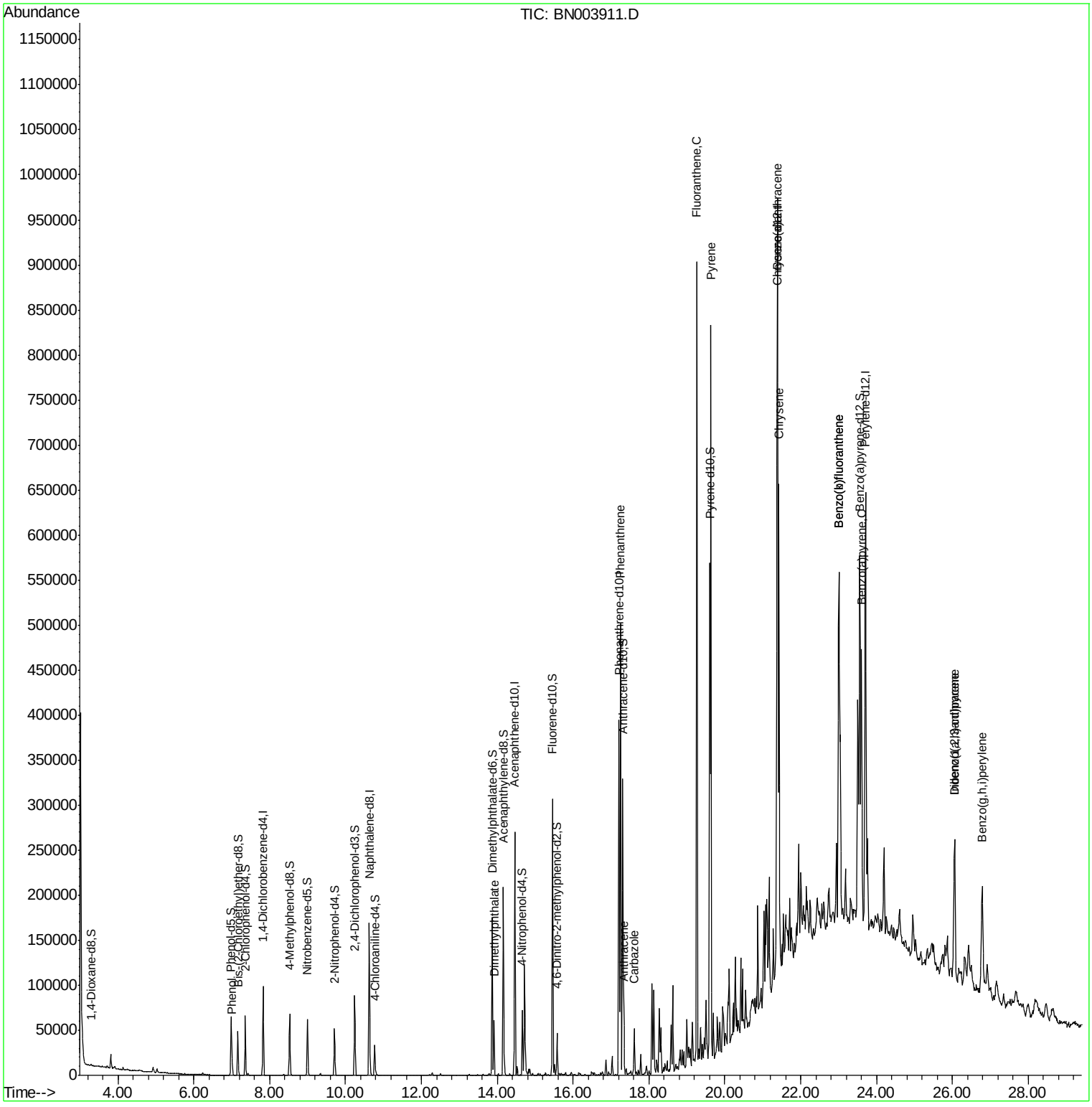
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN121318\

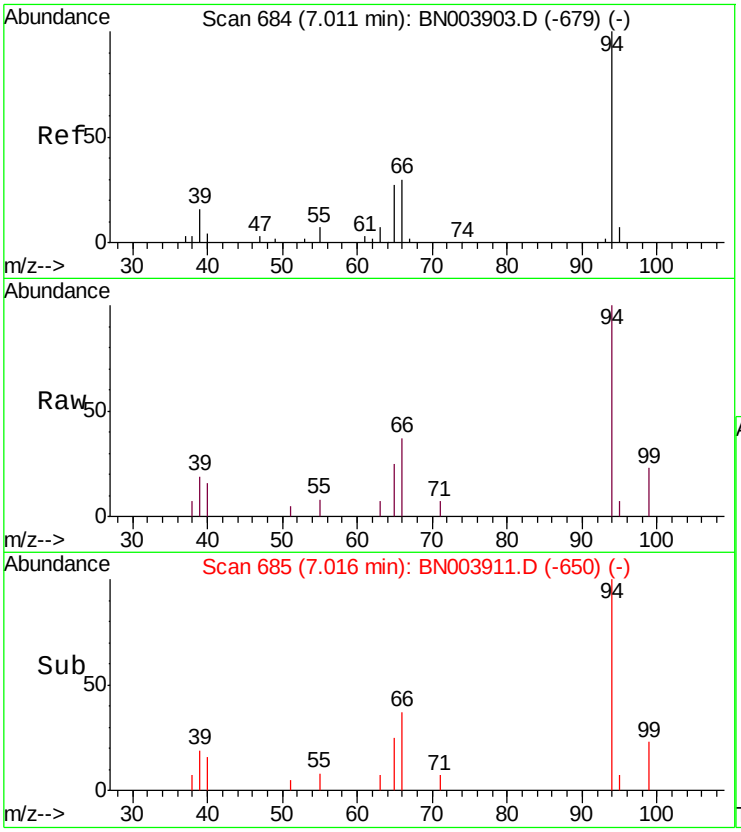
Quantitation Report (Not Reviewed)

Data File : BN003911.D
Acq On : 14 Dec 2018 02:56
Operator : JU/SJ
Sample : J6229-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F9F04

Quant Time: Dec 14 04:36:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN121218MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 14 04:33:02 2018
Response via : Initial Calibration



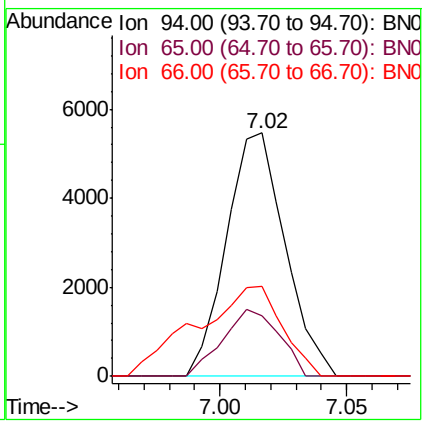


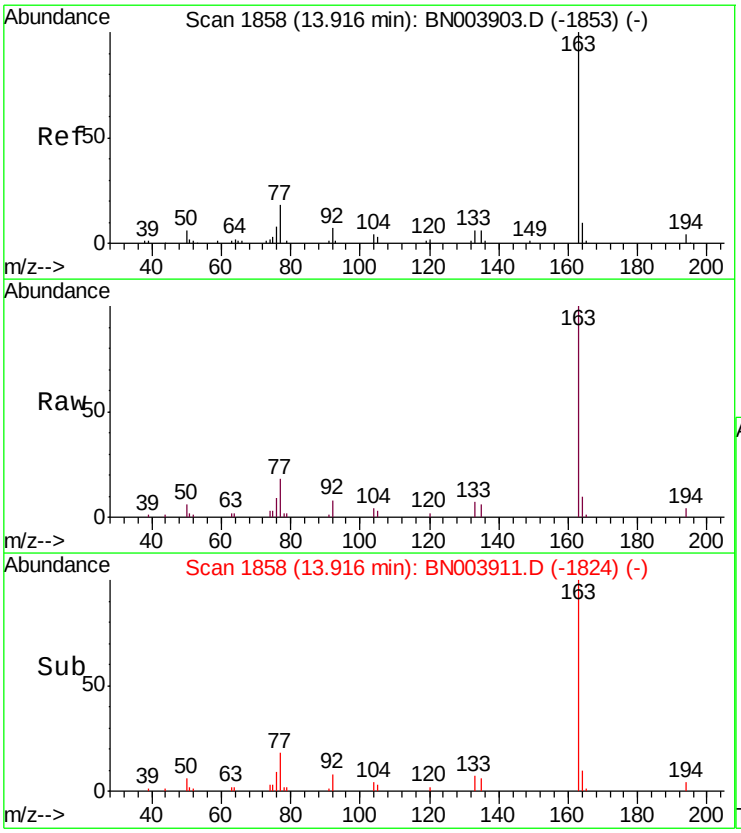
#6
Phenol
Concen: 3.136 ng/ul
RT: 7.02 min Scan# 685
Delta R.T. 0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion: 94 Resp: 8812

Ion	Ratio	Lower	Upper
94	100		
65	24.7	21.2	31.8
66	36.9	26.9	40.3

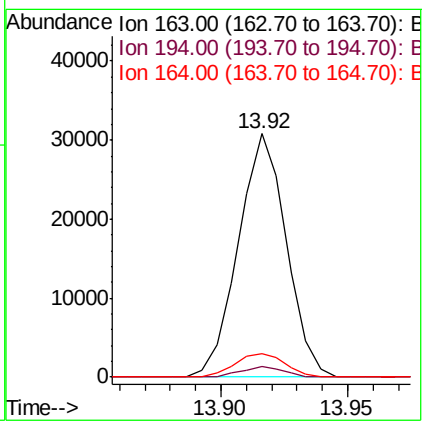


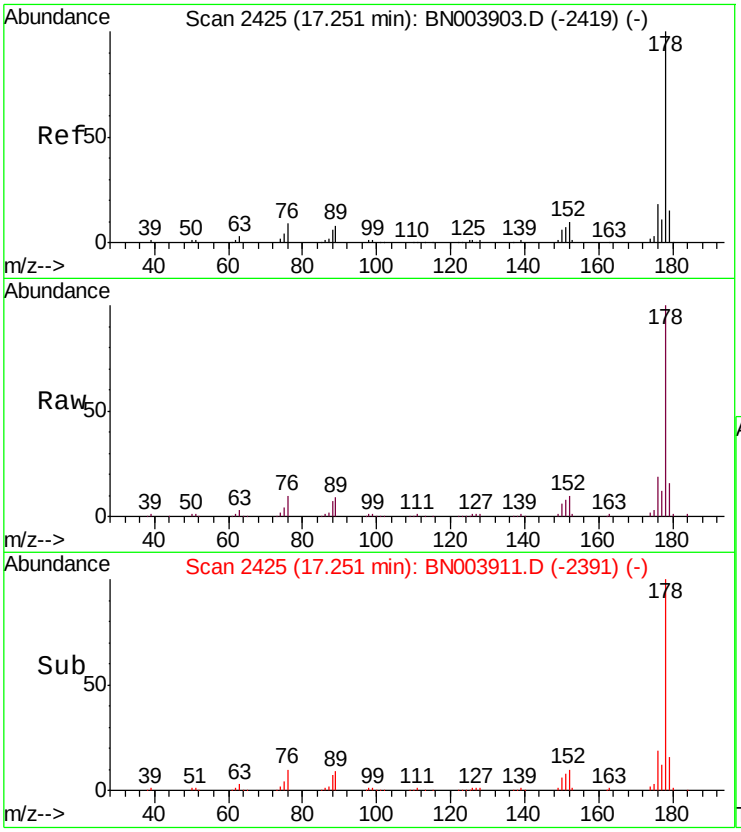


#44
Dimethylphthalate
Concen: 5.100 ng/ul
RT: 13.92 min Scan# 1858
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:163 Resp: 40672

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.8	7.9	11.9



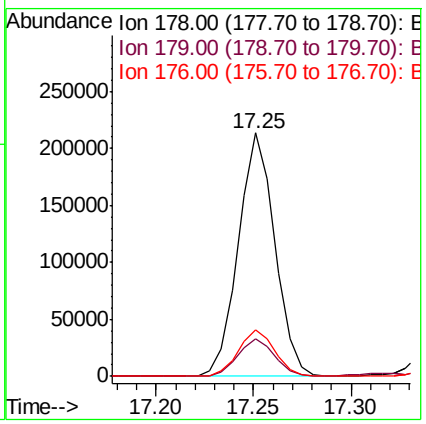


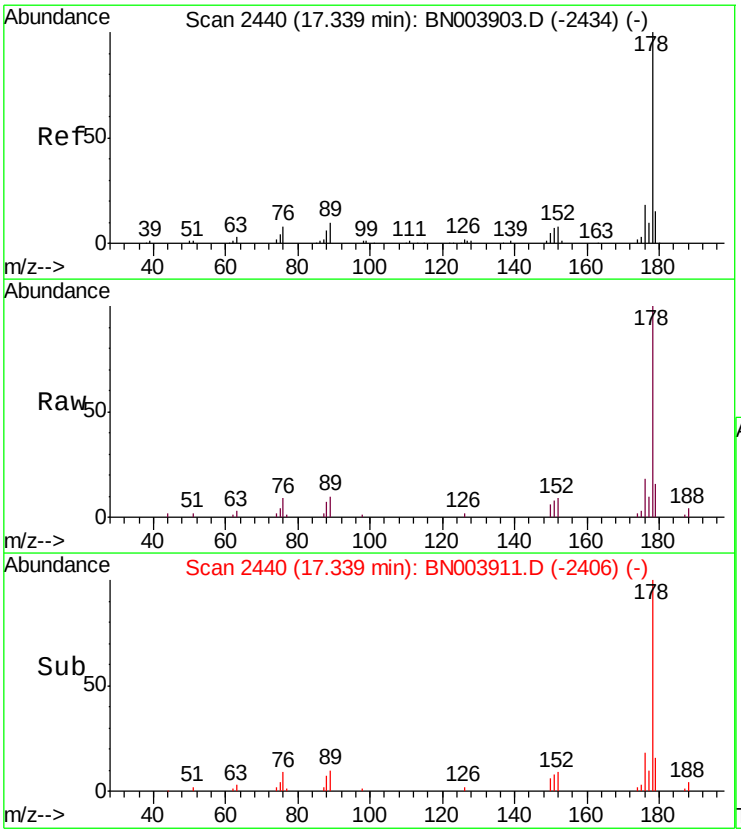
#69
Phenanthrene
Concen: 20.854 ng/ul
RT: 17.25 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:178 Resp: 276928

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.1	18.1
176	19.0	15.0	22.6

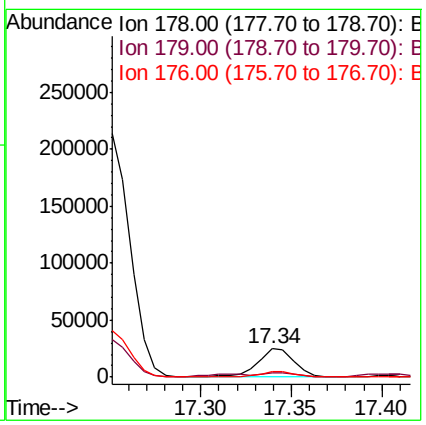


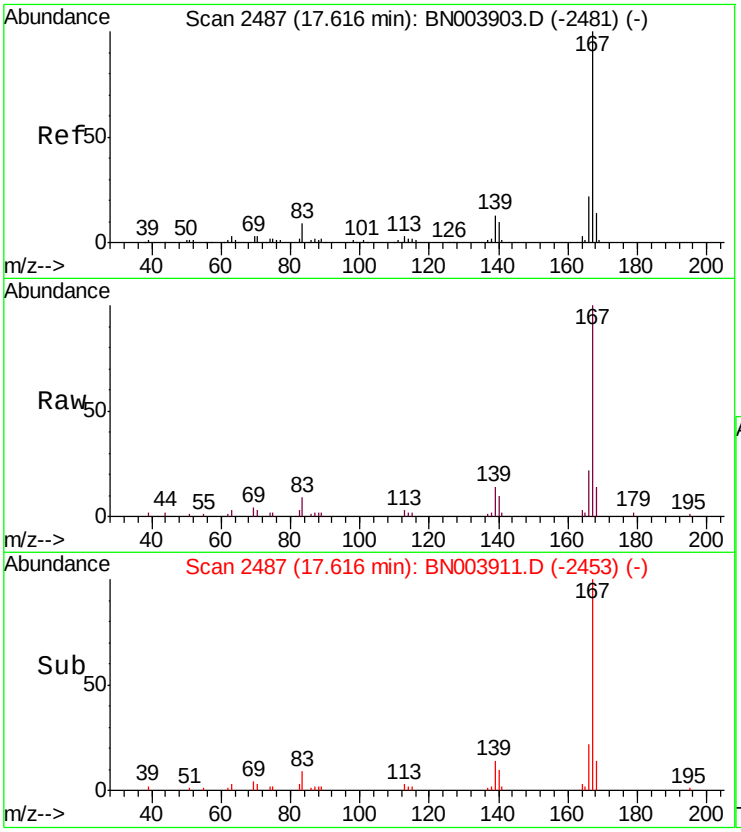


#71
Anthracene
Concen: 2.540 ng/ul
RT: 17.34 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:178 Resp: 34580

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.3	15.2	22.8



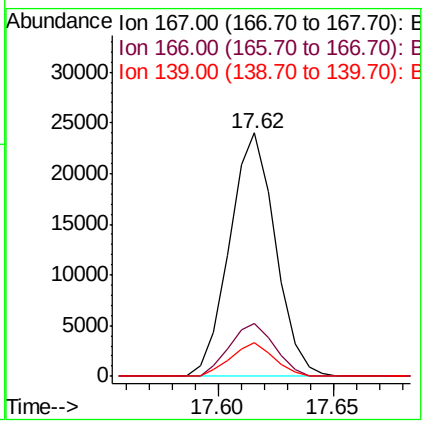


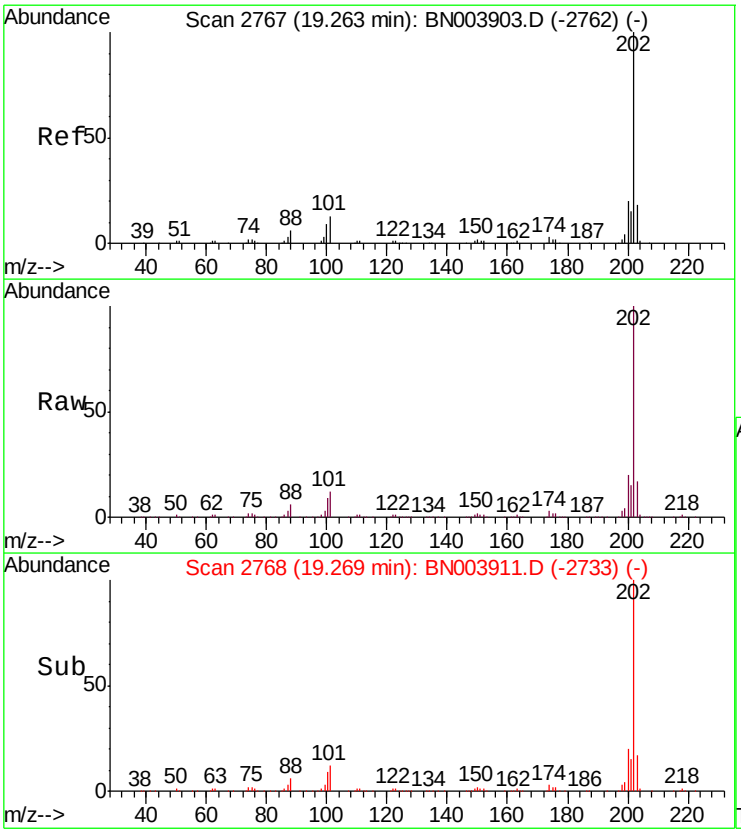
#74
Carbazole
Concen: 2.655 ng/ul
RT: 17.62 min Scan# 2487
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:167 Resp: 33202

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.4	26.0
139	13.6	10.2	15.2

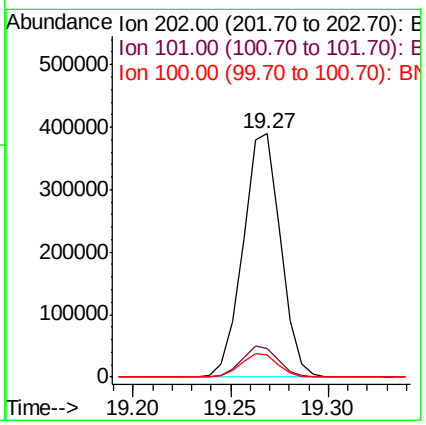


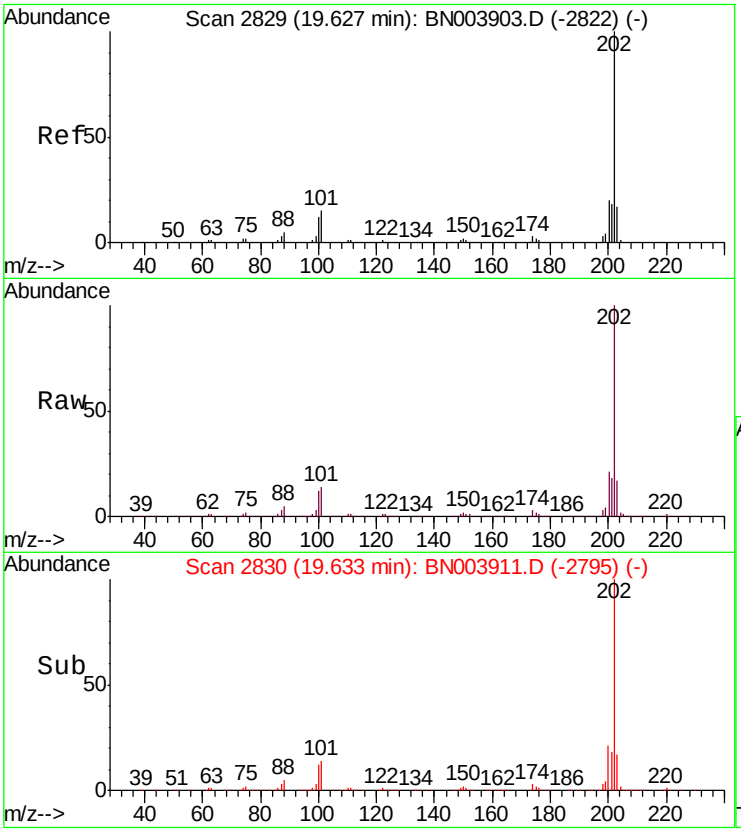


#76
Fluoranthene
Concen: 31.843 ng/ul
RT: 19.27 min Scan# 2768
Delta R.T. 0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:202 Resp: 518301

Ion	Ratio	Lower	Upper
202	100		
101	11.9	10.2	15.2
100	8.9	7.8	11.8



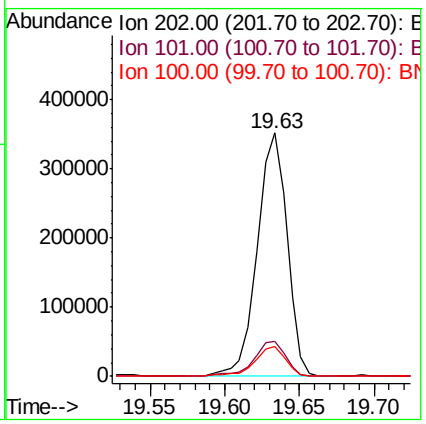


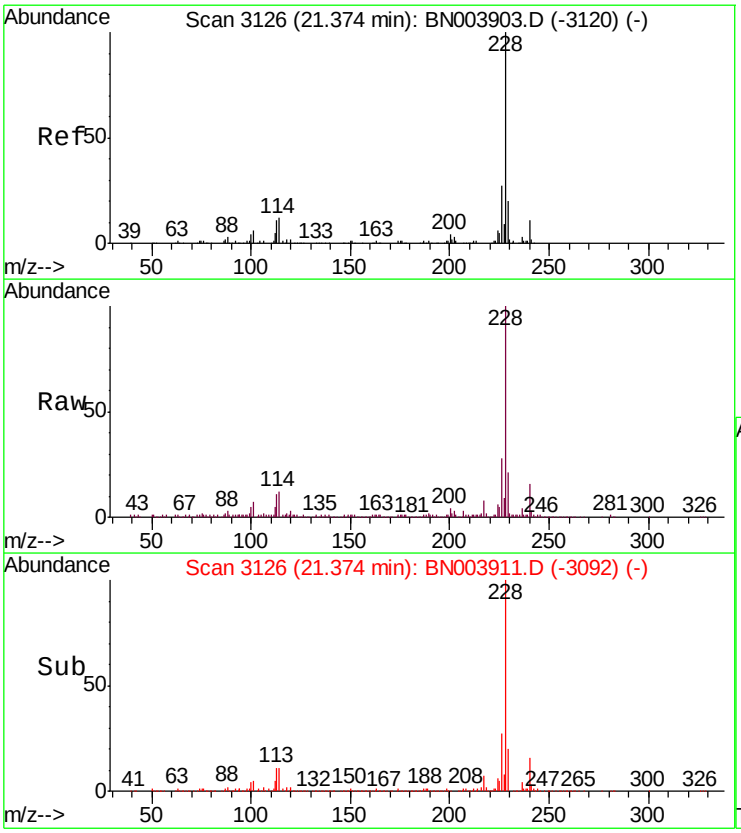
#79
Pyrene
Concen: 27.091 ng/ul
RT: 19.63 min Scan# 2830
Delta R.T. 0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:202 Resp: 483494

Ion	Ratio	Lower	Upper
202	100		
101	14.4	12.2	18.2
100	12.0	9.9	14.9

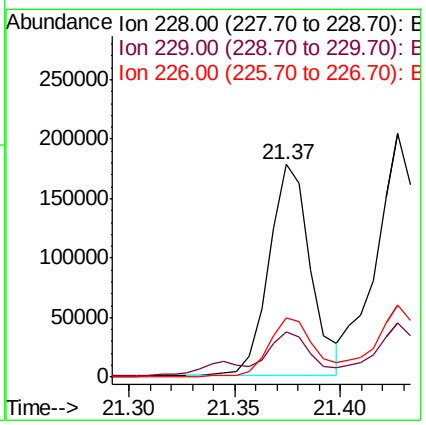


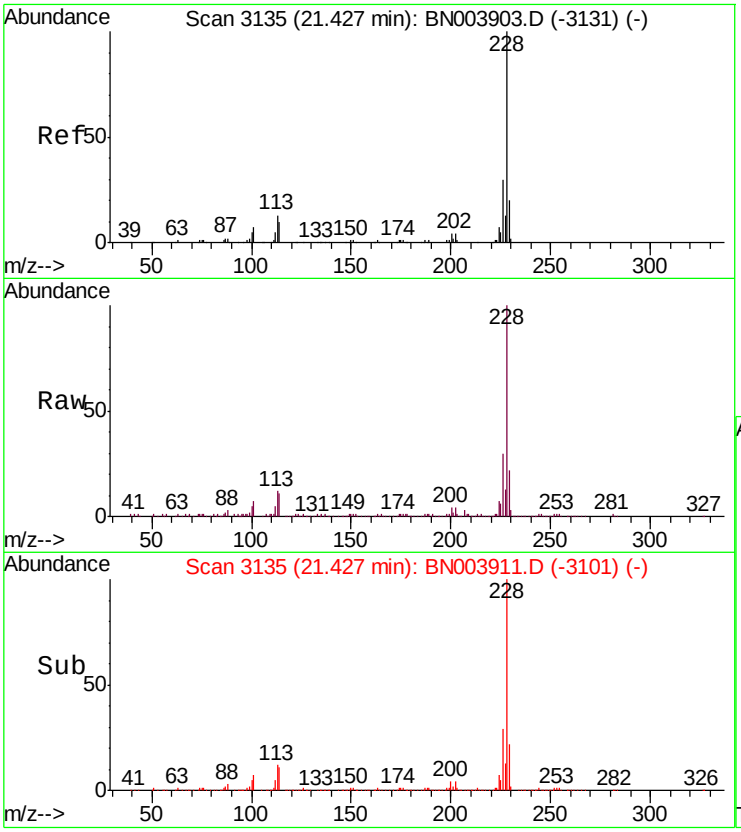


#82
Benzo(a)anthracene
Concen: 12.233 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:228 Resp: 243682

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	27.8	21.4	32.2



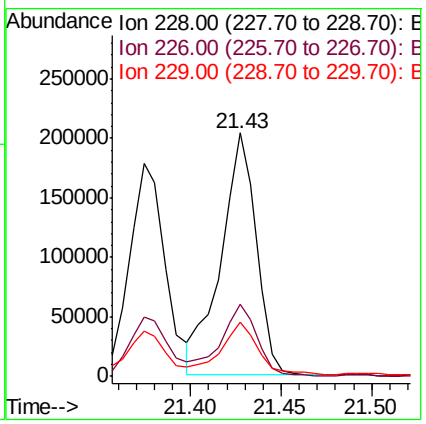


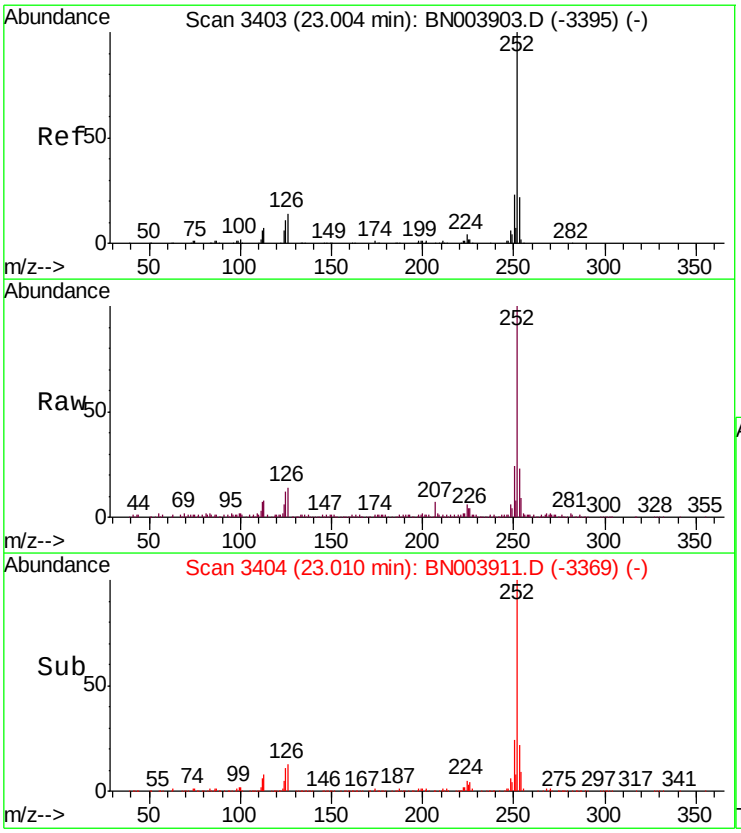
#84
Chrysene
Concen: 14.812 ng/ul
RT: 21.43 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:228 Resp: 276365

Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.8	35.8
229	22.1	15.8	23.6

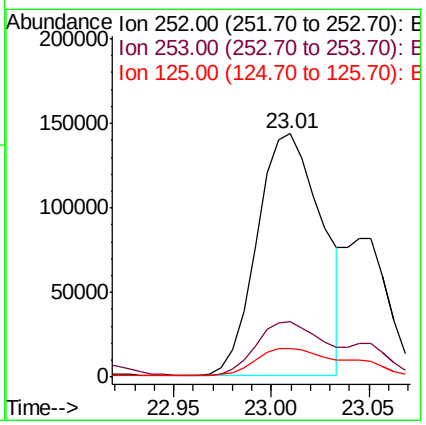


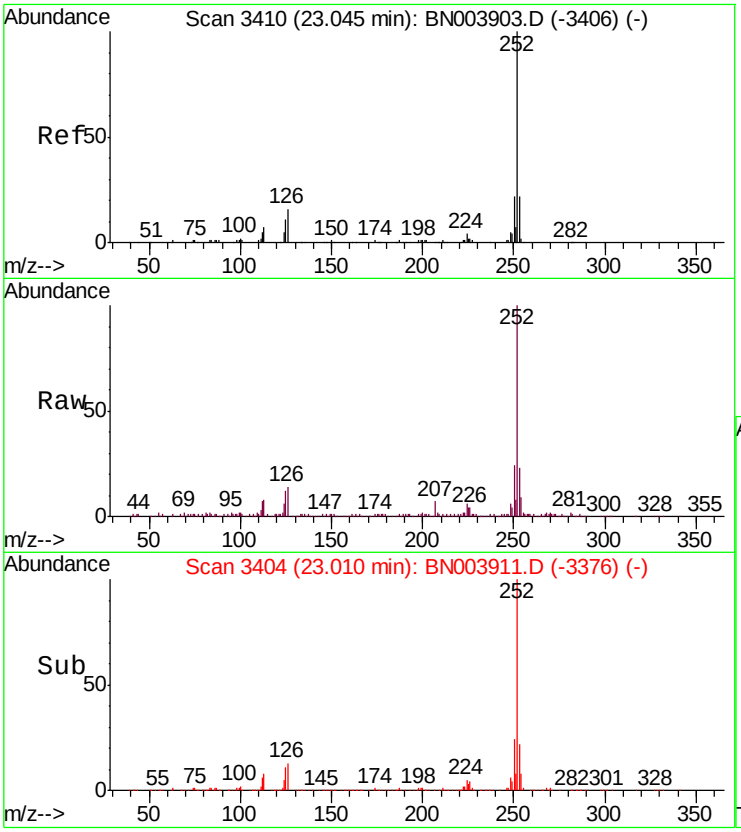


#87
Benzo(b)fluoranthene
Concen: 15.496 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. 0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:252 Resp: 330179

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.3	25.9
125	11.7	8.2	12.4



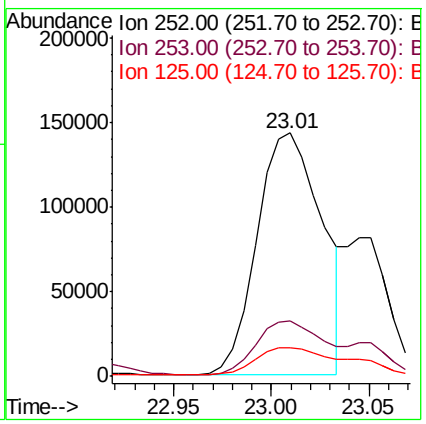


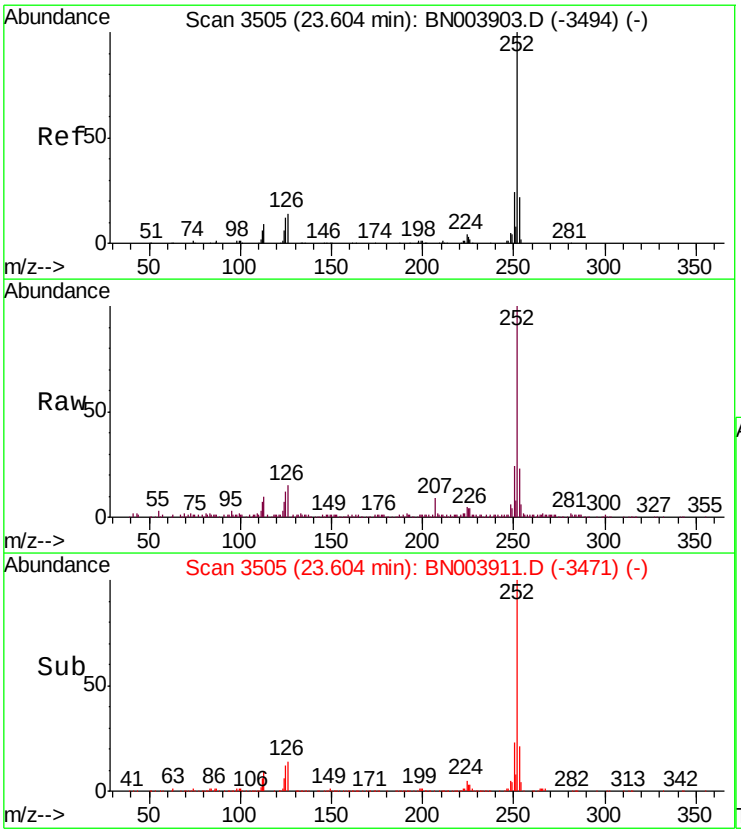
#88
Benzo(k)fluoranthene
Concen: 16.549 ng/ul
RT: 23.01 min Scan# 3404
Delta R.T. -0.04 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:252 Resp: 330179

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	11.7	7.9	11.9

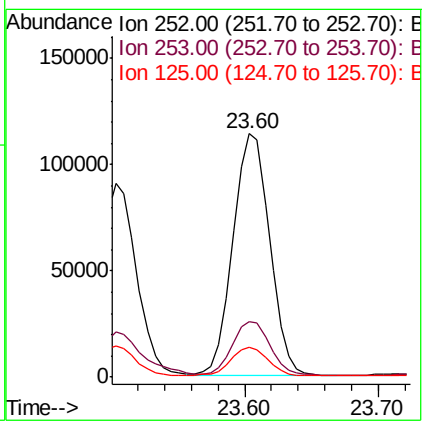


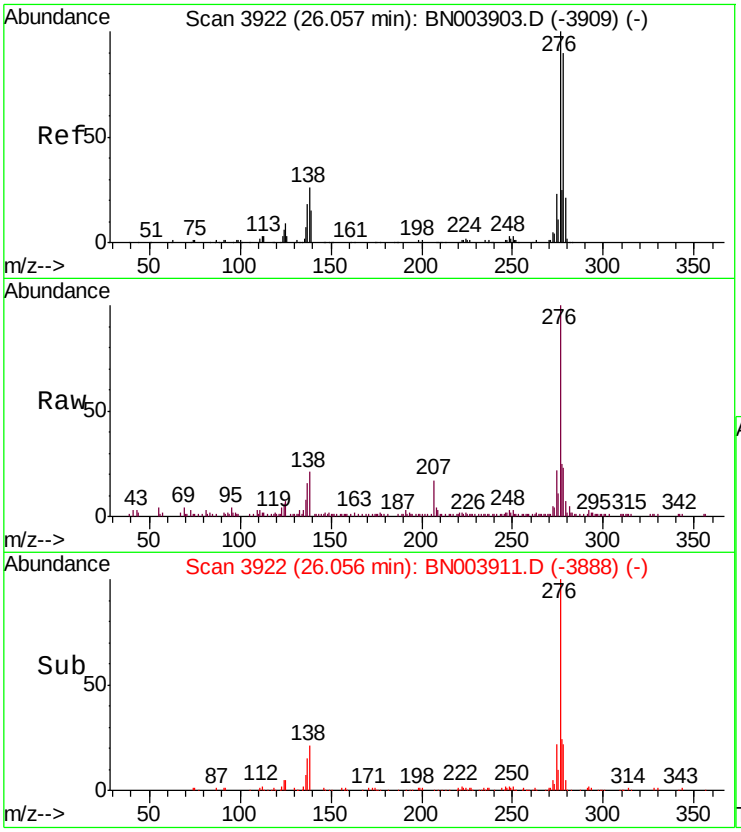


#90
Benzo(a)pyrene
Concen: 10.571 ng/ul
RT: 23.60 min Scan# 3505
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:252 Resp: 216926

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	12.3	9.1	13.7



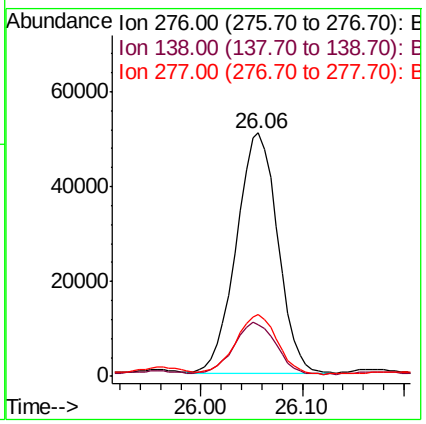


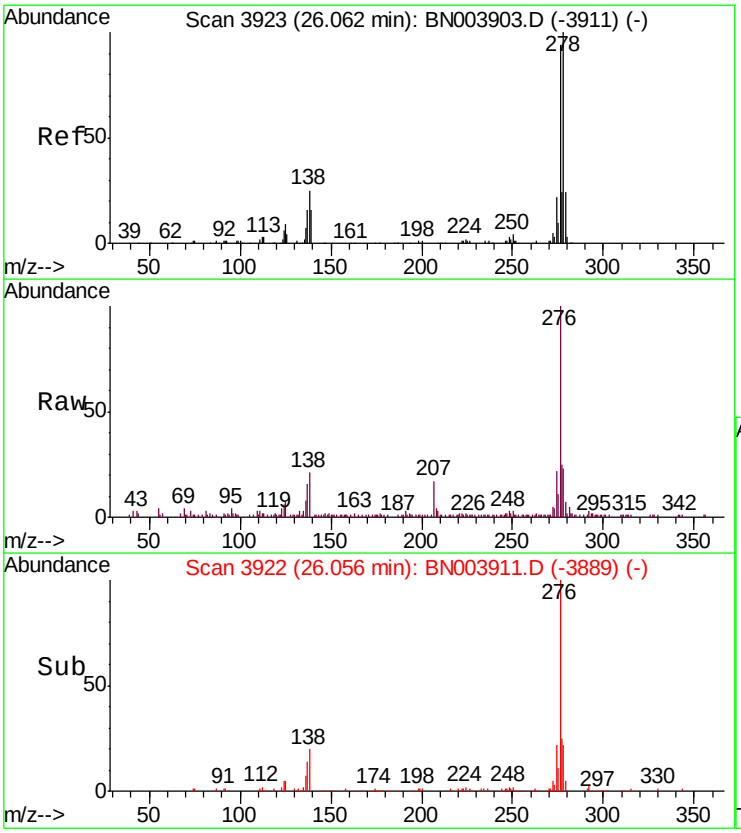
#91
Indeno(1,2,3-cd)pyrene
Concen: 5.374 ng/ul
RT: 26.06 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:276 Resp: 143756

Ion	Ratio	Lower	Upper
276	100		
138	21.3	20.4	30.6
277	25.3	20.6	30.8

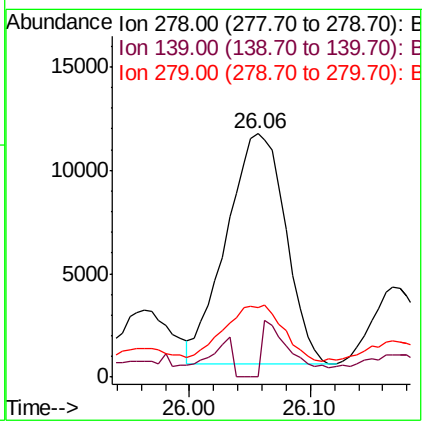


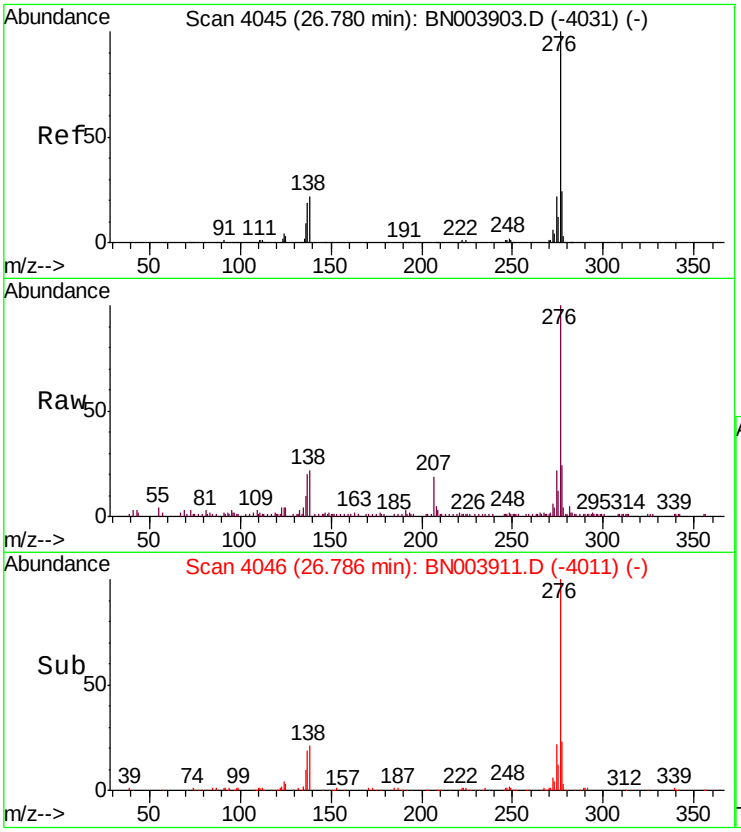


#92
Dibenzo(a,h)anthracene
Concen: 1.703 ng/ul
RT: 26.06 min Scan# 3922
Delta R.T. -0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Tgt Ion:278 Resp: 37870

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.3	19.9#
279	28.8	19.0	28.6#





#93
Benzo(g,h,i)perylene
Concen: 6.209 ng/ul
RT: 26.79 min Scan# 4046
Delta R.T. 0.01 min
Lab File: BN003911.D
Acq: 14 Dec 2018 02:56

Instrument :
BNA_N
ClientSampleId :
F9F04

Tgt Ion:276 Resp: 139009

Ion	Ratio	Lower	Upper
276	100		
138	21.5	18.2	27.4
277	23.8	19.0	28.6