Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

Quantitation Report (Not Reviewed)

Data File : BN009178.D
Acq On : 26 Dec 2019 18:28
Operator : JU
Sample : K6381-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2

Quant Time: Dec 27 01:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	269615	20.00	ng/ul	0.00
18) Naphthalene-d8	10.27	136	1240236	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	801258	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1671903	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1351358	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1220671	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	34107	5.78	ng/uL	0.00
5) Phenol-d5	6.71	99	847223	33.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	550487	33.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	644693	35.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	703800	34.01	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	339088	36.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	395232	37.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	681765	34.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	916807	38.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2074740	34.48	ng/ul	0.00
46) Acenaphthylene-d8	13.85	160	2584407	36.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	381610	31.89	ng/ul	0.00
57) Fluorene-d10	15.15	176	1845064	35.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	247070	23.69	ng/ul	0.00
70) Anthracene-d10	17.00	188	2693281	34.63	ng/ul	0.00
78) Pyrene-d10	19.31	212	2985183	42.34	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2312124	37.59	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	24319	1.513	ng/ul	95
28) Naphthalene	10.32	128	168444	2.545	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	69889	1.465	ng/ul	94
44) Dimethylphthalate	13.62	163	144976	2.356	ng/ul	98
49) Acenaphthene	14.22	153	158348	3.116	ng/ul	97
53) Dibenzofuran	14.56	168	158474	2.221	ng/ul	98
58) Fluorene	15.21	166	172509	2.894	ng/ul	93
69) Phenanthrene	16.95	178	2918818	31.664	ng/ul	99
71) Anthracene	17.03	178	570587	6.016	ng/ul	98
74) Carbazole	17.30	167	273349	3.335	ng/ul	99
76) Fluoranthene	18.97	202	3750683	35.229	ng/ul	99
79) Pyrene	19.34	202	3148951	33.598	ng/ul	99
82) Benzo(a)anthracene	21.10	228	1546039	16.932	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.06	149	69281	1.097	ng/ul	99
84) Chrysene	21.14	228	1498858	17.081	ng/ul	98
87) Benzo(b)fluoranthene	22.62	252	1659147	22.239	ng/ul	99
88) Benzo(k)fluoranthene	22.62	252	1659147	22.772	ng/ul	99
90) Benzo(a)pyrene	23.16	252	940986	13.736	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	545543	6.573	ng/ul	96
92) Dibenzo(a,h)anthracene	25.34	278	163702	2.337	ng/ul#	93
93) Benzo(g,h,i)perylene	25.98	276	537442	7.739	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

Quantitation Report (Not Reviewed)

Data File : BN009178.D
Acq On : 26 Dec 2019 18:28
Operator : JU
Sample : K6381-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R2

Quant Time: Dec 27 01:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

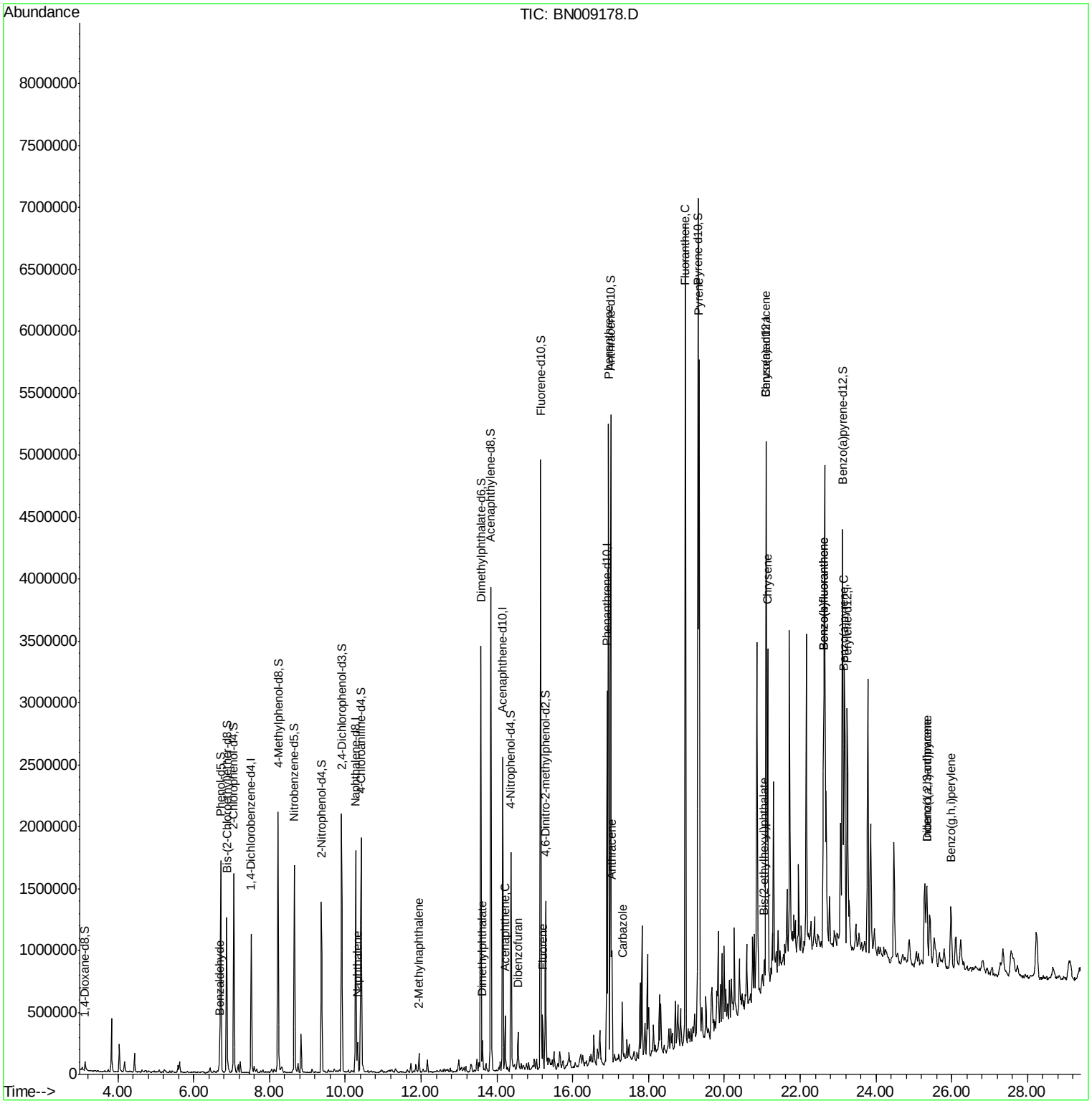
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

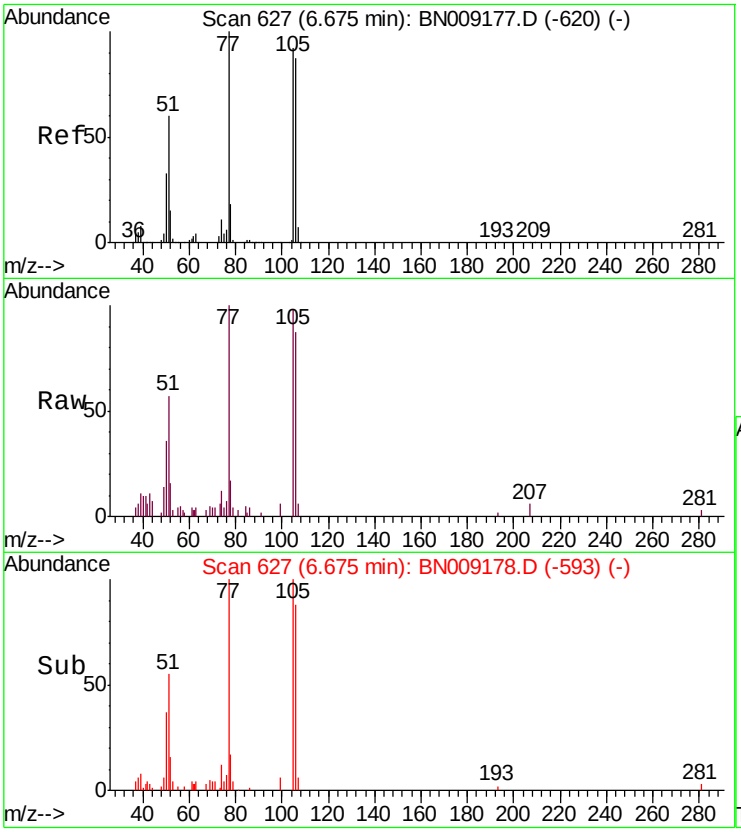
Quantitation Report (Not Reviewed)

Data File : BN009178.D
Acq On : 26 Dec 2019 18:28
Operator : JU
Sample : K6381-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R2

Quant Time: Dec 27 01:33:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN122419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 01:30:55 2019
Response via : Initial Calibration



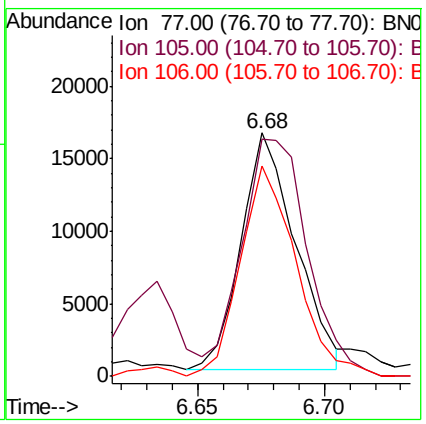


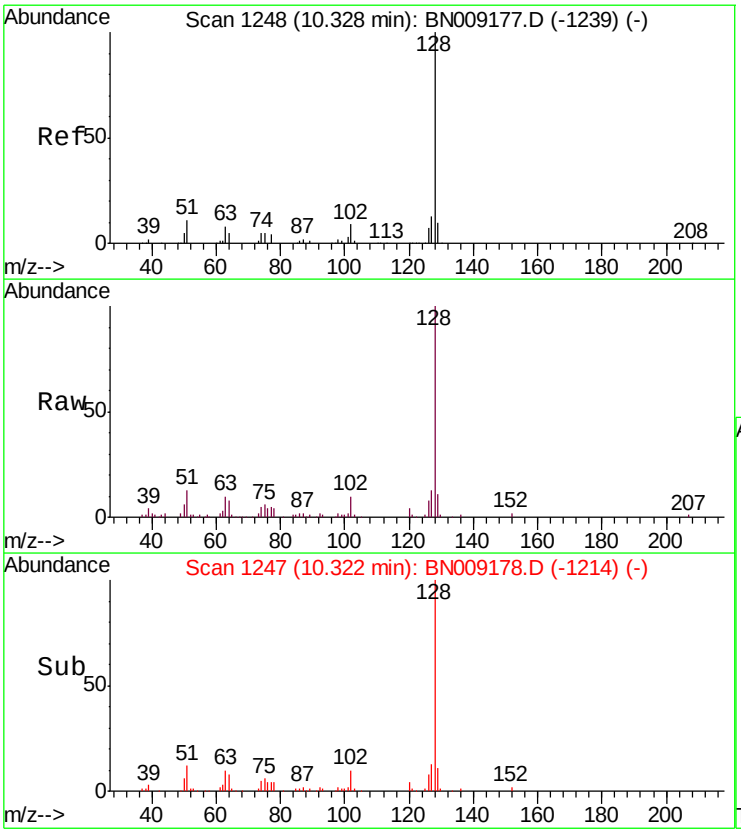
#4
Benzaldehyde
Concen: 1.513 ng/ul
RT: 6.68 min Scan# 627
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion: 77 Resp: 24319

Ion	Ratio	Lower	Upper
77	100		
105	97.6	73.9	110.9
106	86.5	72.1	108.1

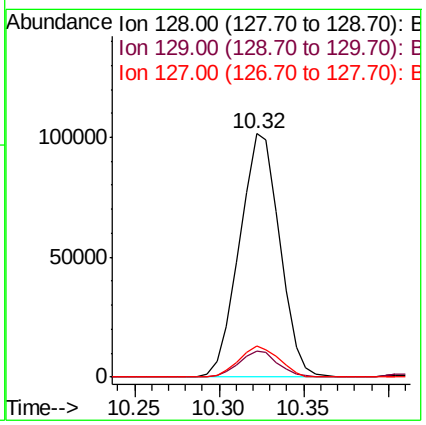


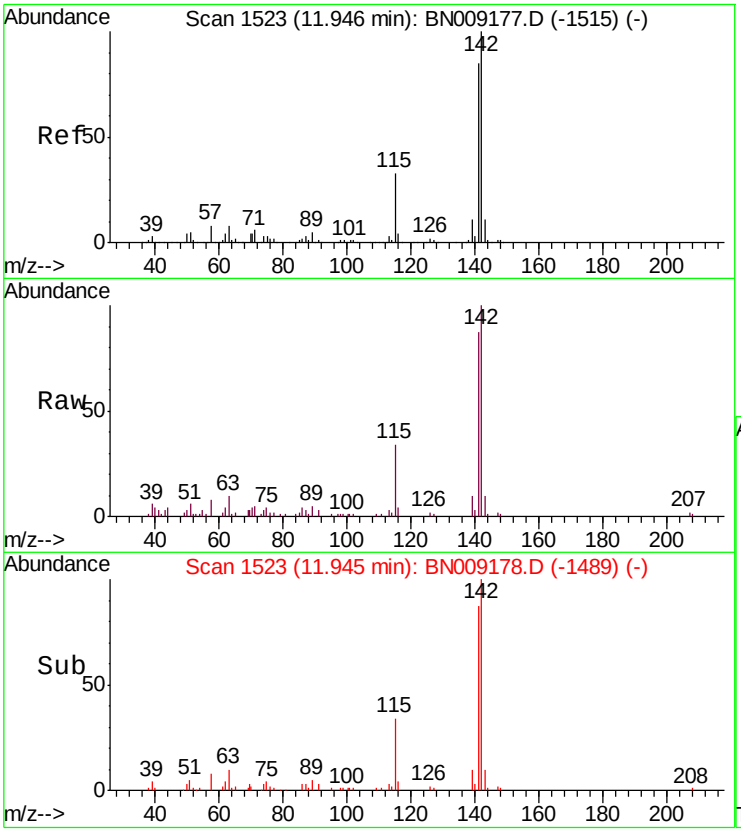


#28
Naphthalene
Concen: 2.545 ng/ul
RT: 10.32 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:128 Resp: 168444

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	13.0	10.4	15.6



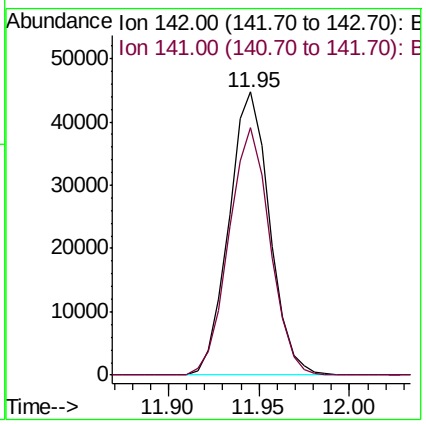


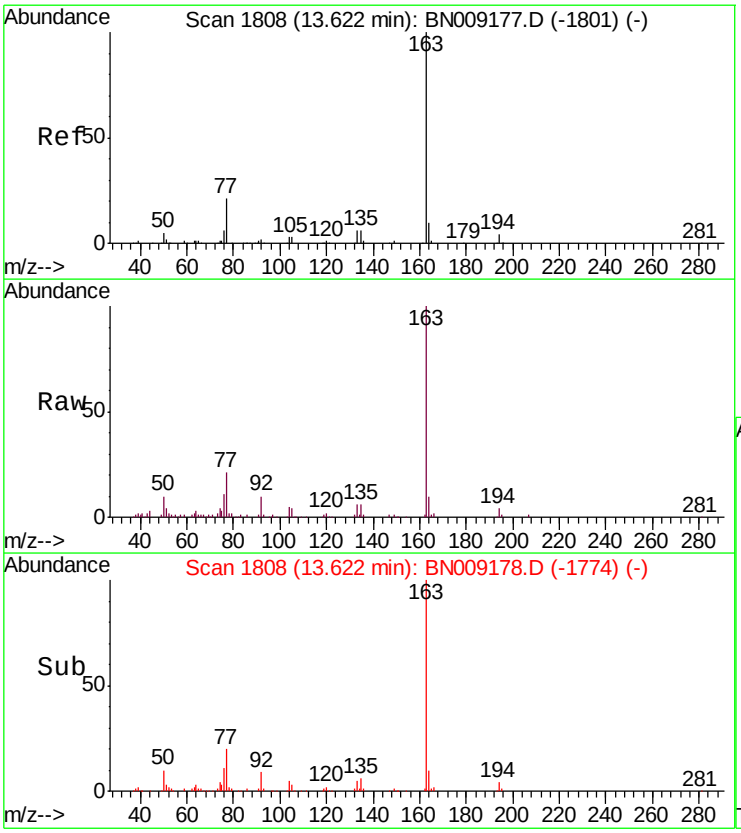
#34
2-Methylnaphthalene
Concen: 1.465 ng/ul
RT: 11.95 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:142 Resp: 69889

Ion	Ratio	Lower	Upper
142	100		
141	87.3	65.8	98.6

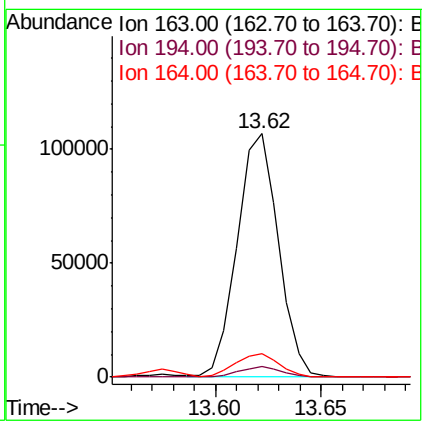


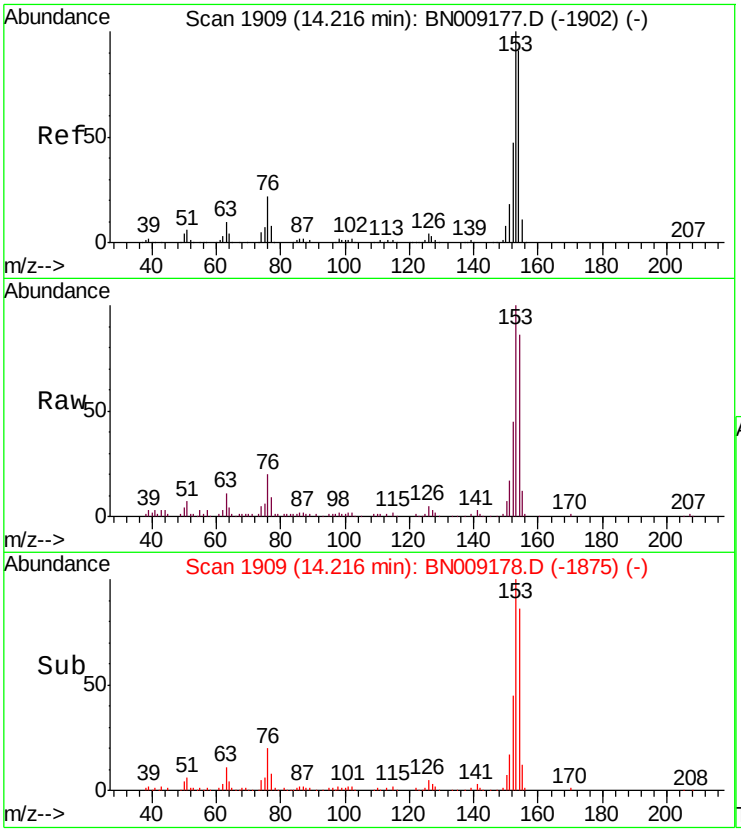


#44
Dimethylphthalate
Concen: 2.356 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:163 Resp: 144976

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	9.5	8.3	12.5



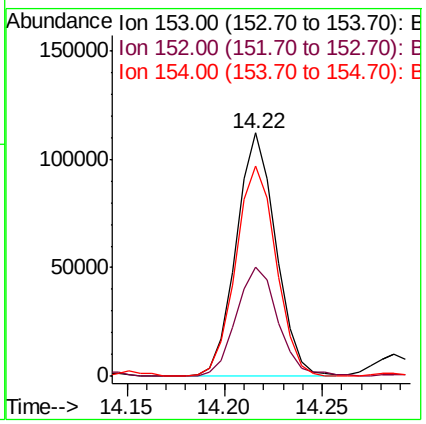


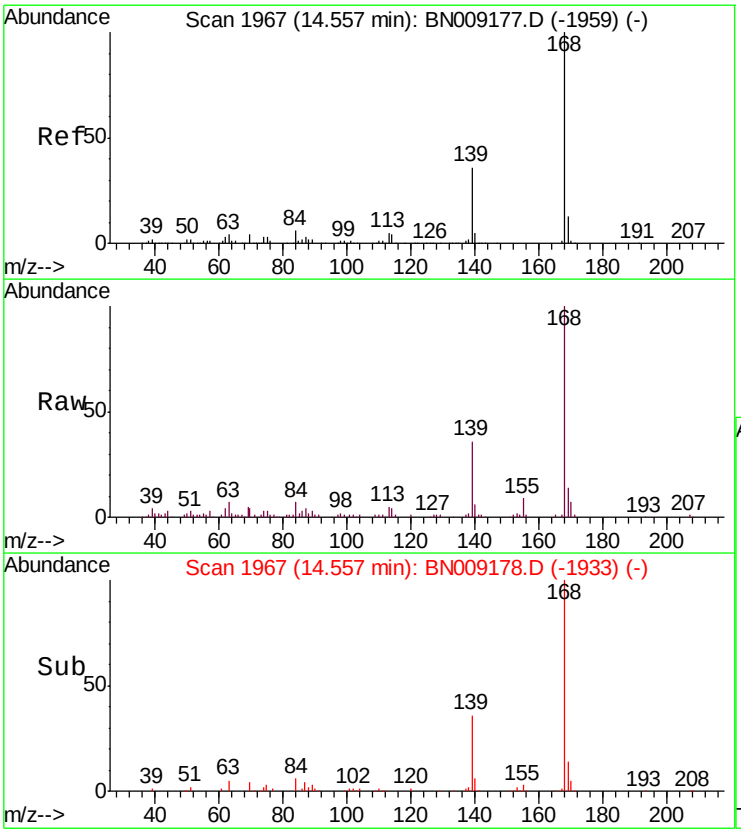
#49
Acenaphthene
Concen: 3.116 ng/ul
RT: 14.22 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:153 Resp: 158348

Ion	Ratio	Lower	Upper
153	100		
152	45.0	37.8	56.8
154	86.2	71.3	106.9

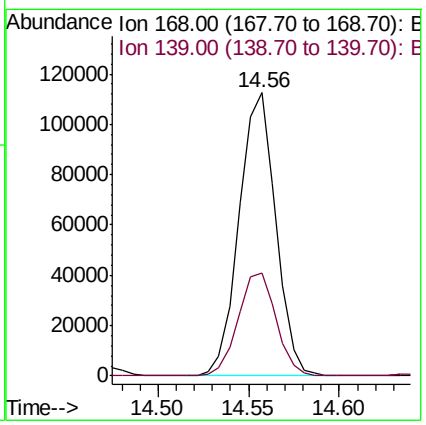


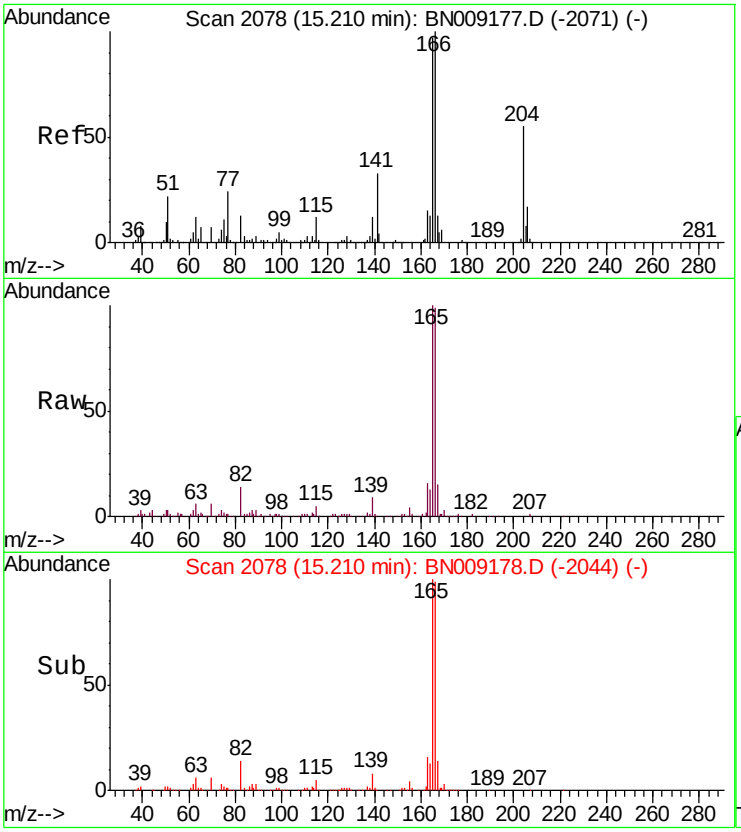


#53
Dibenzofuran
Concen: 2.221 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:168 Resp: 158474

Ion	Ratio	Lower	Upper
168	100		
139	36.4	30.3	45.5



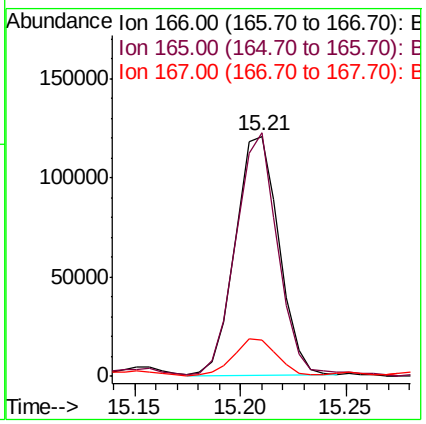


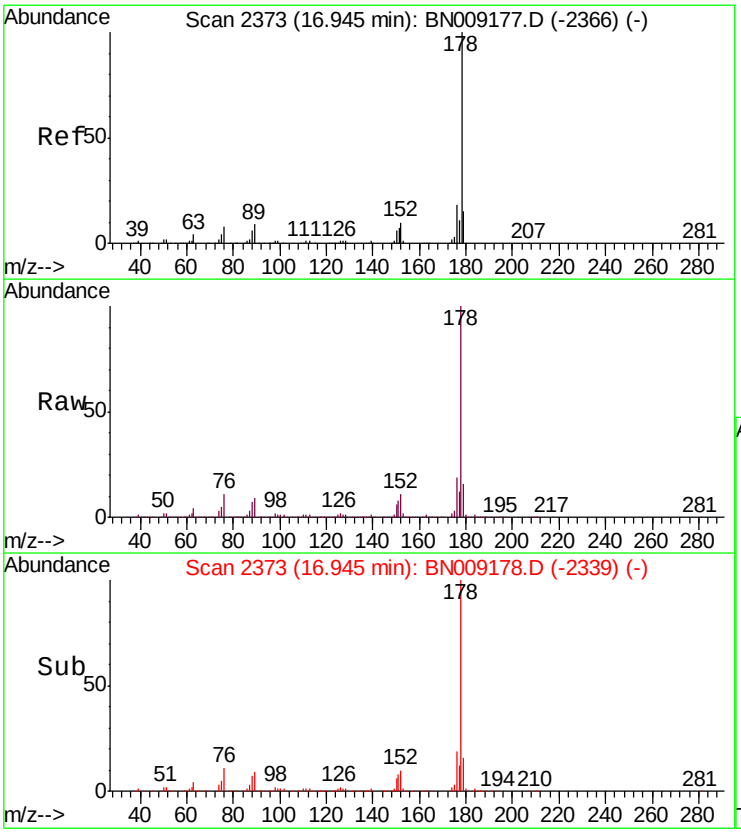
#58
Fluorene
Concen: 2.894 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:166 Resp: 172509

Ion	Ratio	Lower	Upper
166	100		
165	101.3	75.3	112.9
167	14.9	10.6	16.0

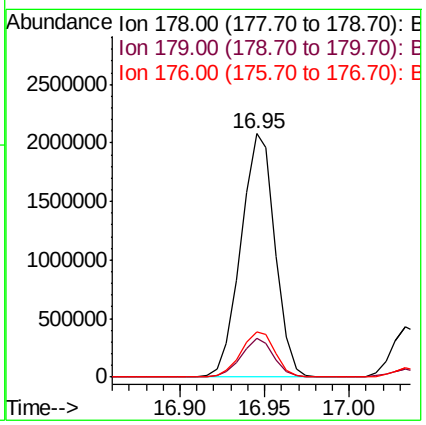


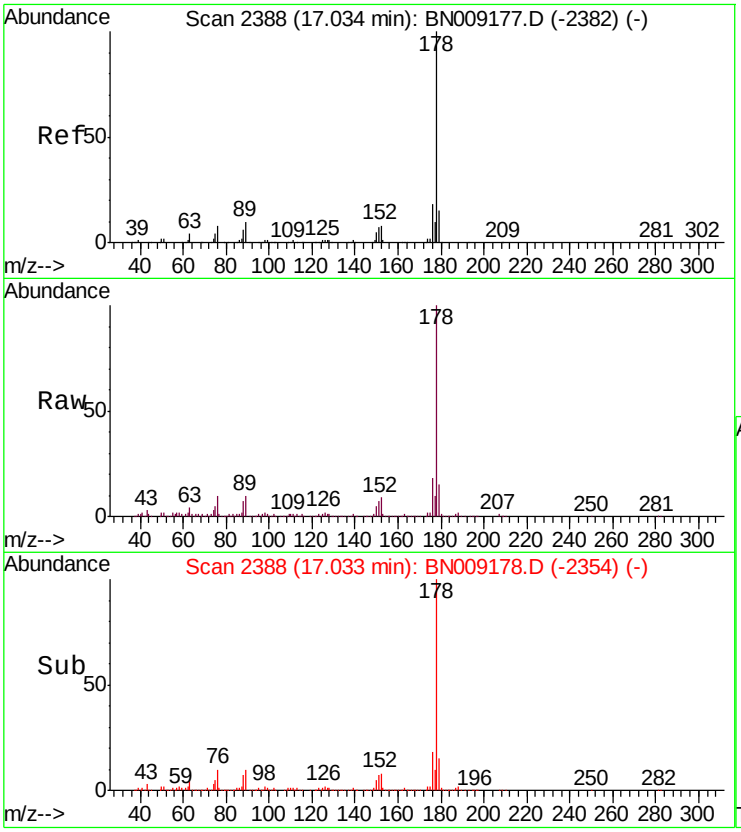


#69
Phenanthrene
Concen: 31.664 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:178 Resp: 2918818

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	18.7	15.2	22.8



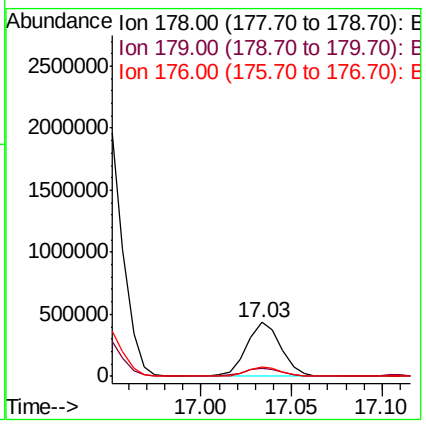


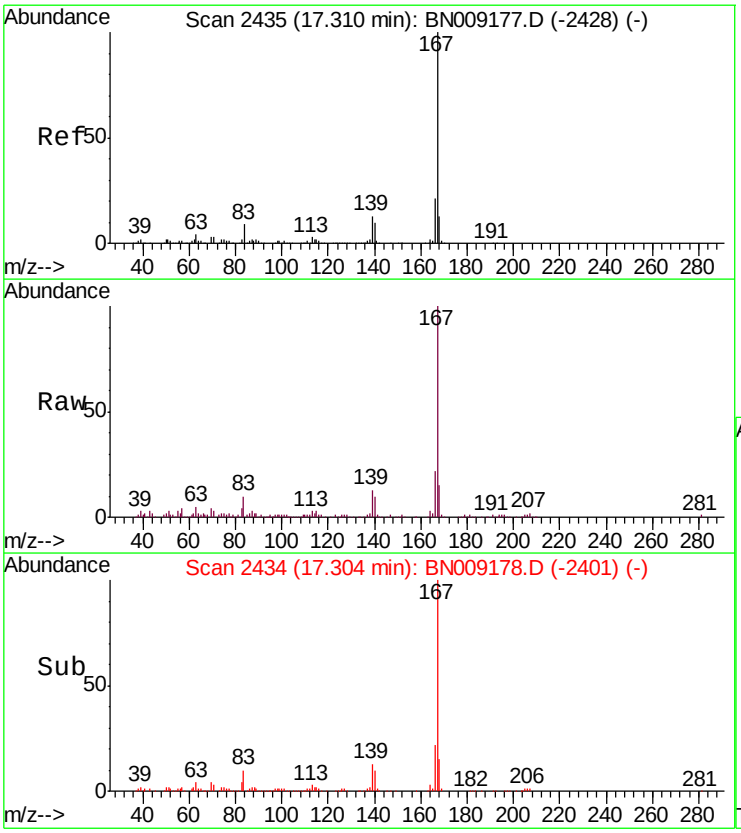
#71
Anthracene
Concen: 6.016 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:178 Resp: 570587

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	18.8
176	17.7	14.8	22.2

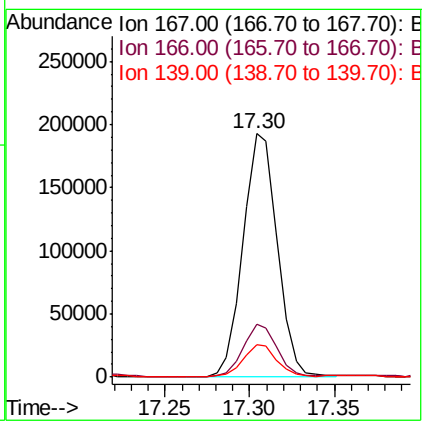


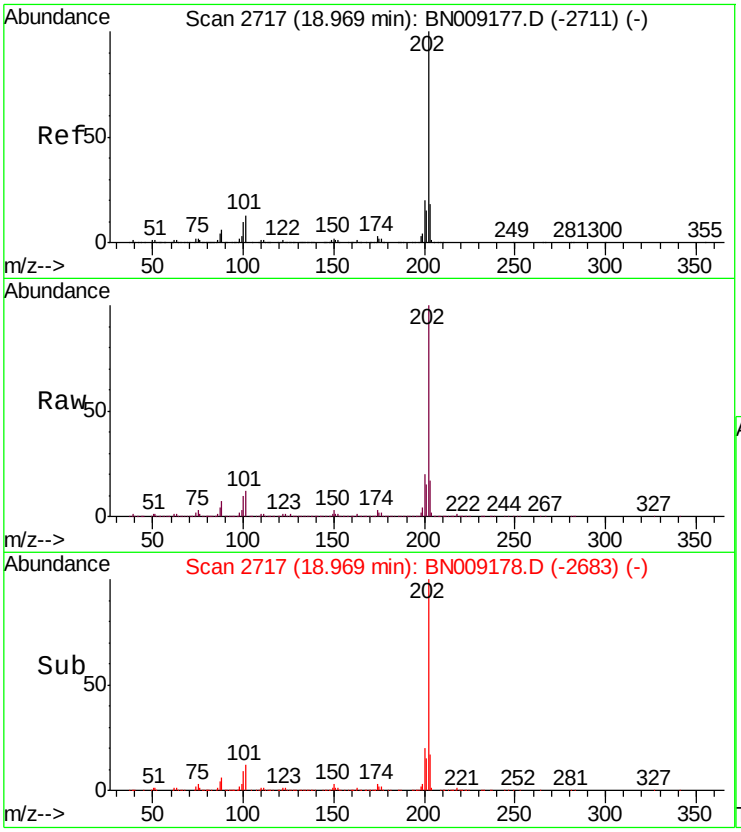


#74
Carbazole
Concen: 3.335 ng/ul
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:167 Resp: 273349

Ion	Ratio	Lower	Upper
167	100		
166	21.9	16.8	25.2
139	13.1	10.6	15.8



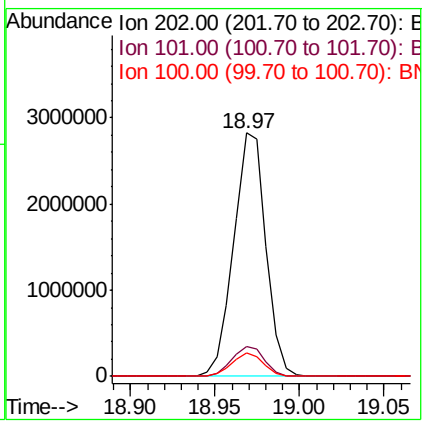


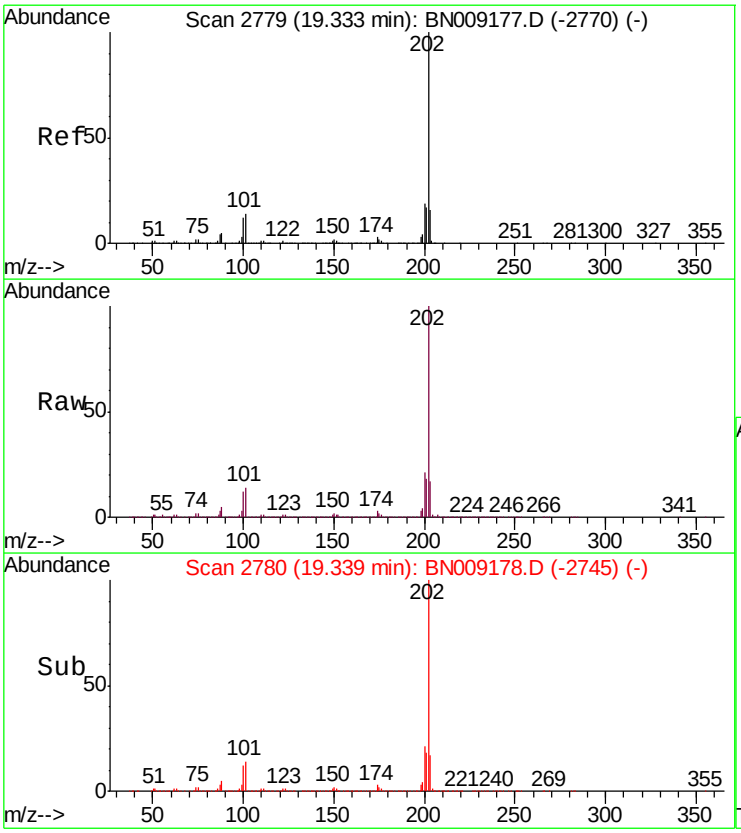
#76
Fluoranthene
Concen: 35.229 ng/ul
RT: 18.97 min Scan# 2717
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:202 Resp: 3750683

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.3	13.9
100	9.5	7.6	11.4

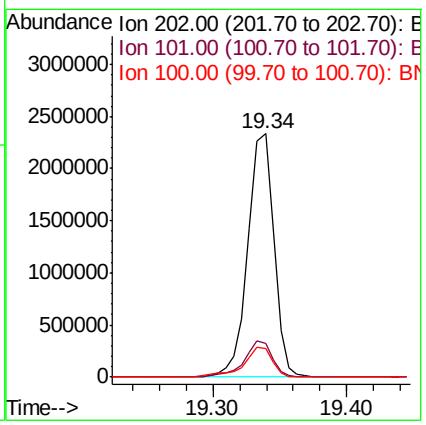


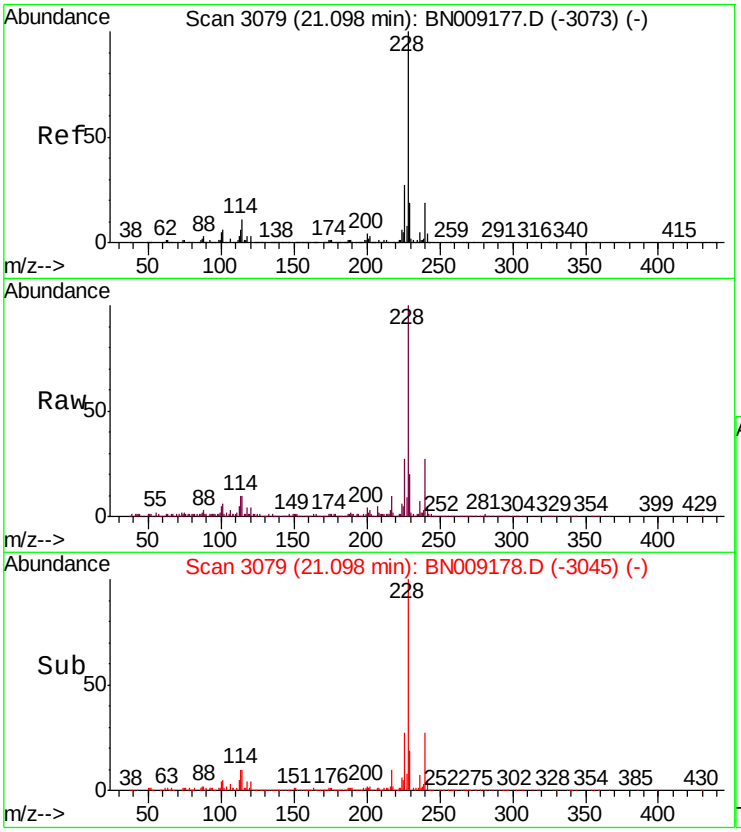


#79
Pyrene
Concen: 33.598 ng/ul
RT: 19.34 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:202 Resp: 3148951

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.1	16.7
100	11.7	9.0	13.4



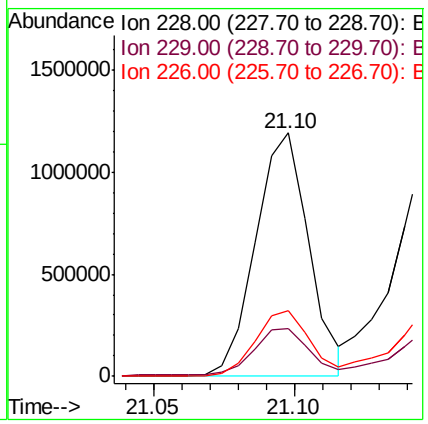


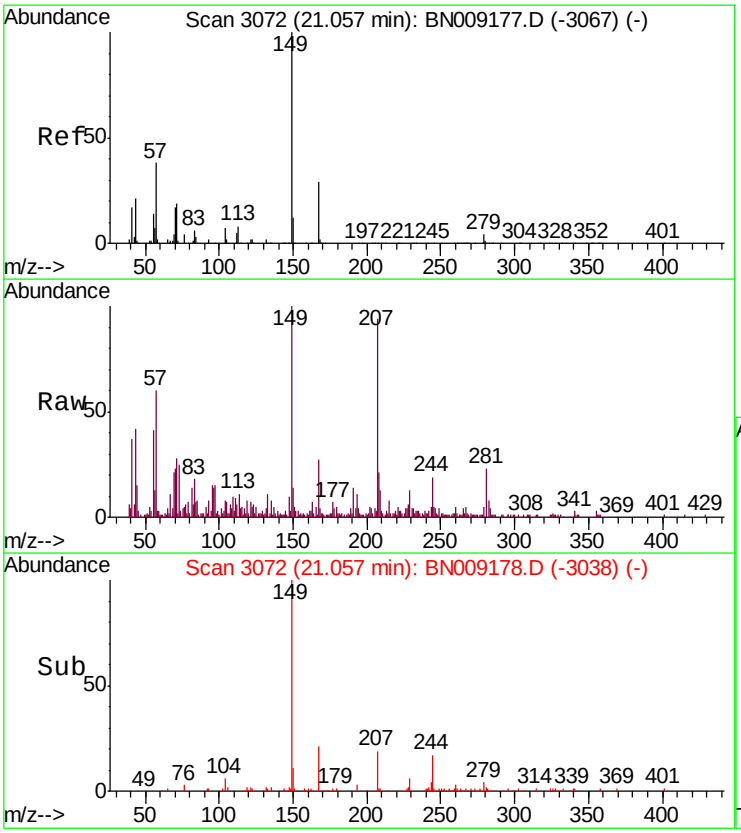
#82
Benzo(a)anthracene
Concen: 16.932 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:228 Resp: 1546039

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.2	22.8
226	26.8	19.8	29.6

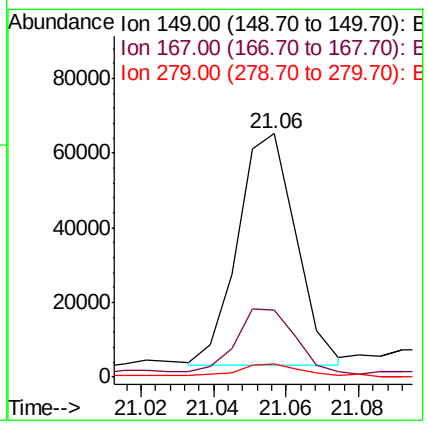


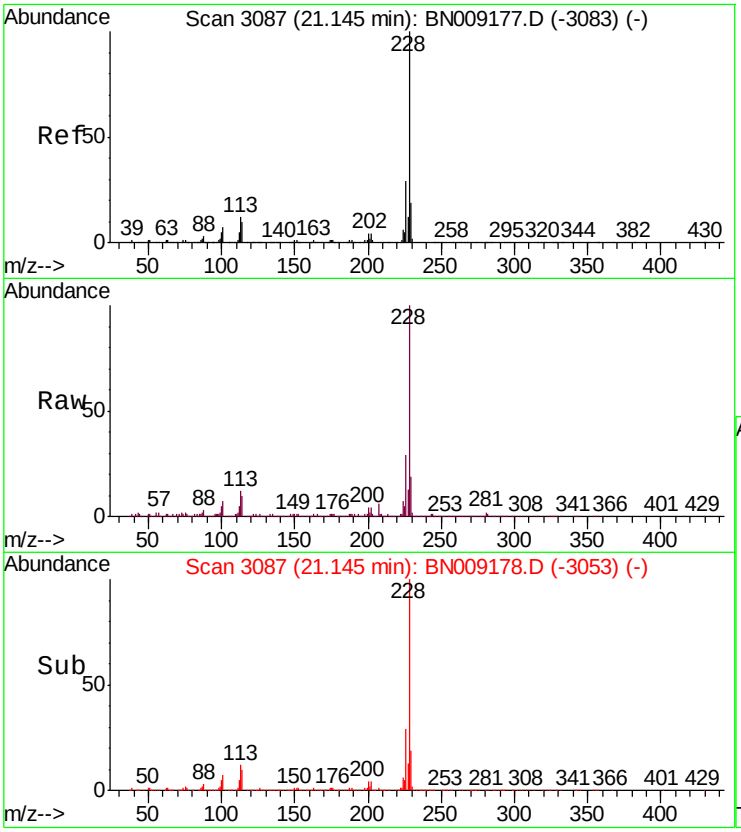


#83
Bis(2-ethylhexyl)phthalate
Concen: 1.097 ng/ul
RT: 21.06 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:149 Resp: 69281

Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	5.3	3.5	5.3



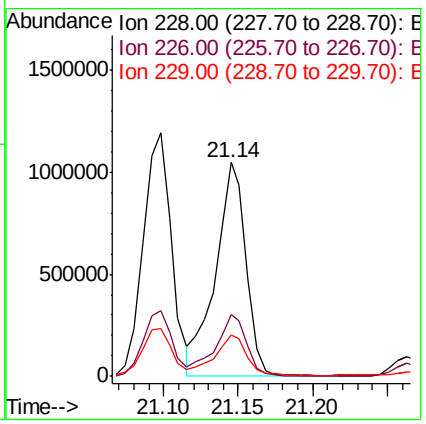


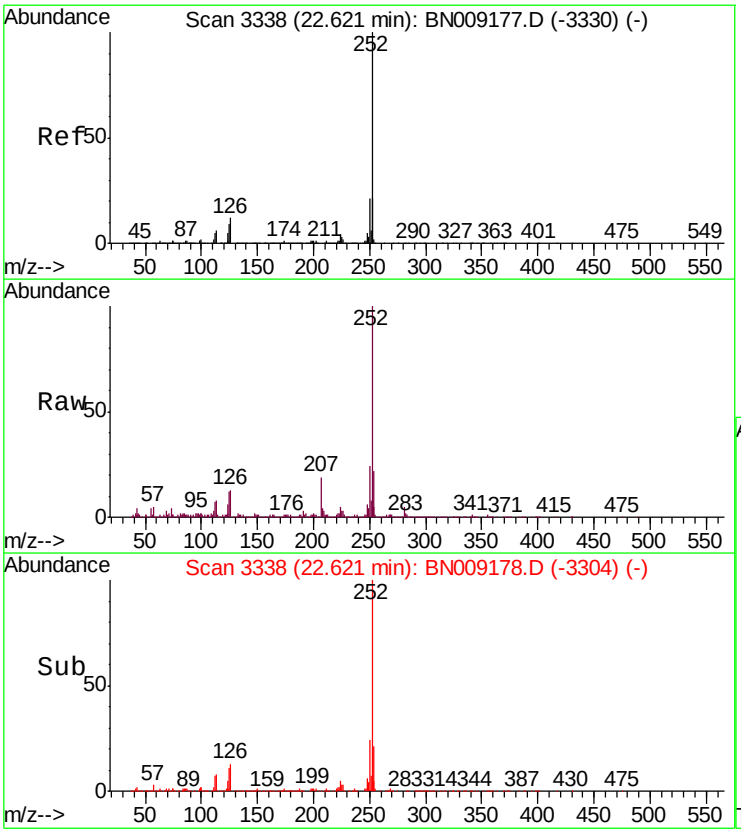
#84
Chrysene
Concen: 17.081 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:228 Resp: 1498858

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.9	35.9
229	19.4	15.9	23.9

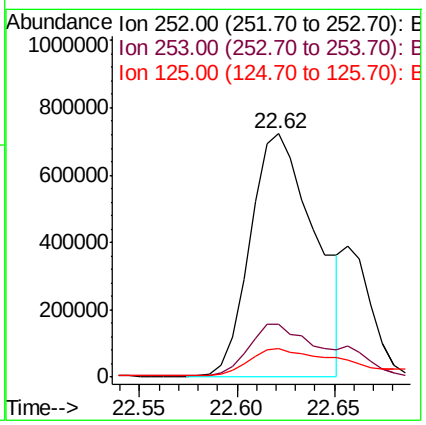


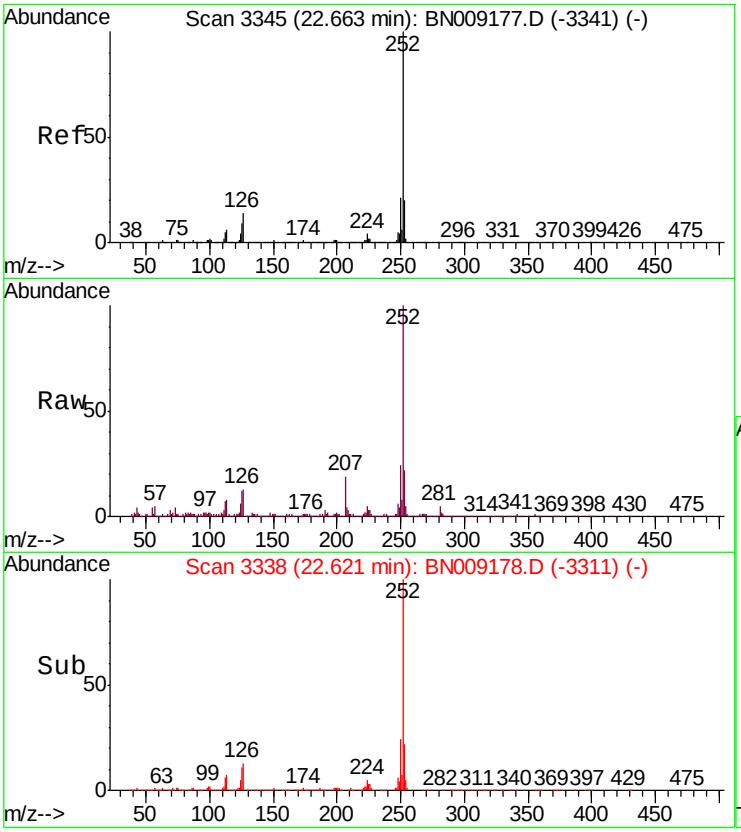


#87
Benzo(b)fluoranthene
Concen: 22.239 ng/ul
RT: 22.62 min Scan# 3338
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:252 Resp: 1659147

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	11.5	8.5	12.7



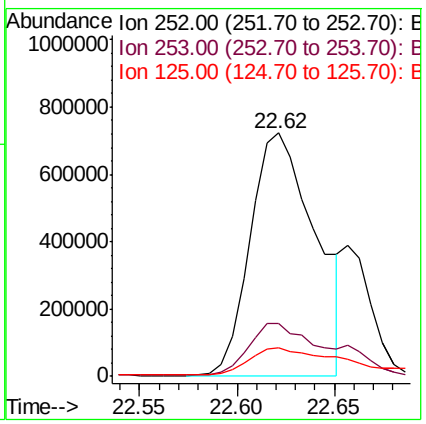


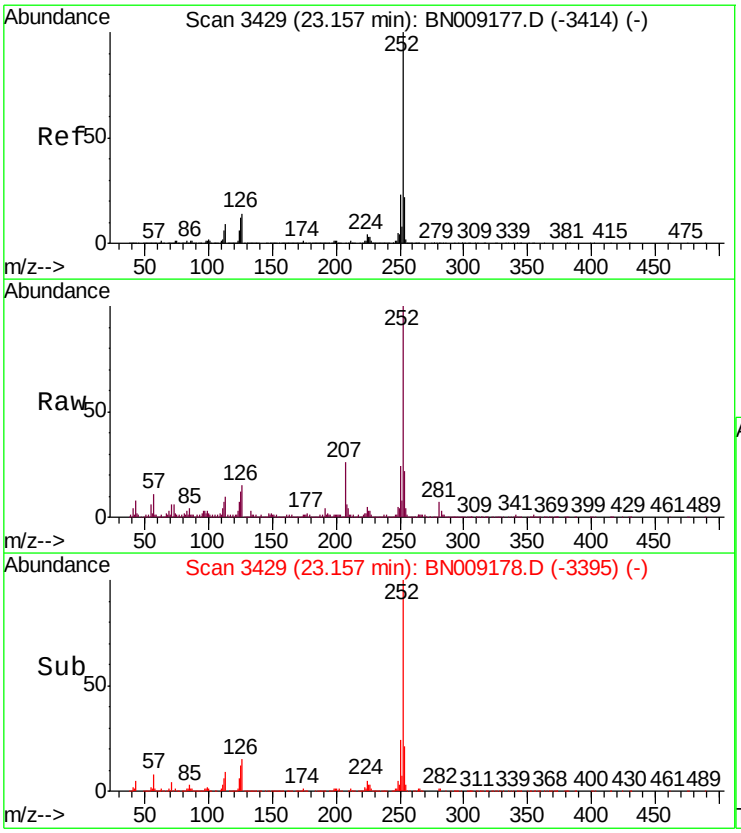
#88
Benzo(k)fluoranthene
Concen: 22.772 ng/ul
RT: 22.62 min Scan# 3338
Delta R.T. -0.04 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:252 Resp: 1659147

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	11.5	8.8	13.2

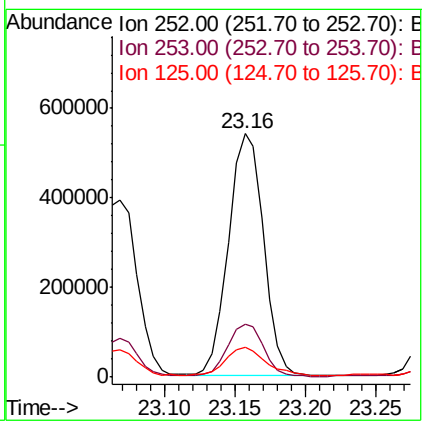


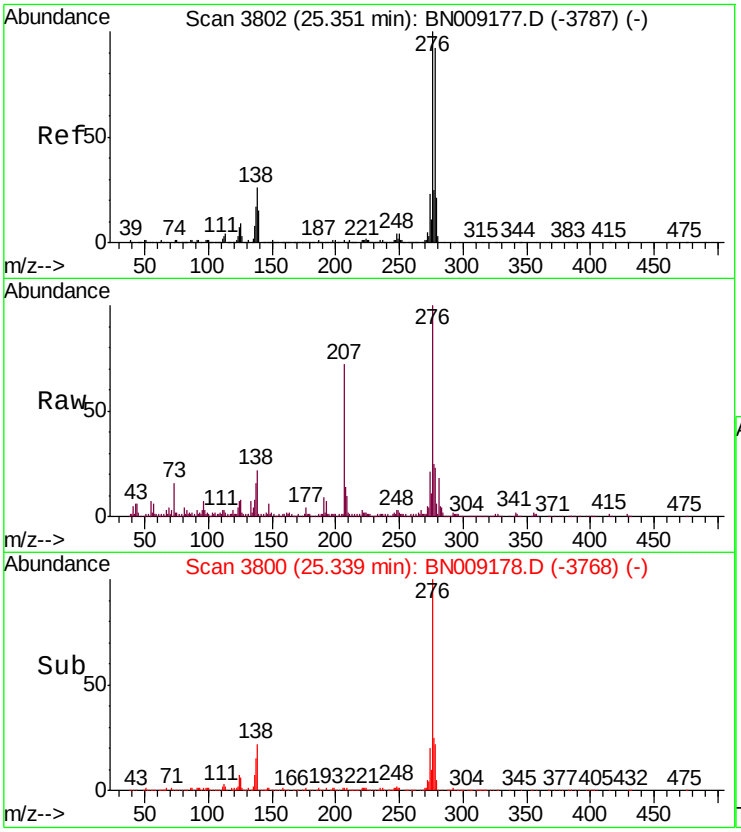


#90
Benzo(a)pyrene
Concen: 13.736 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:252 Resp: 940986

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.7	26.5
125	12.3	9.5	14.3



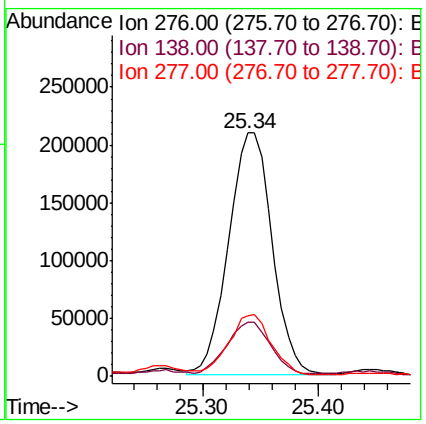


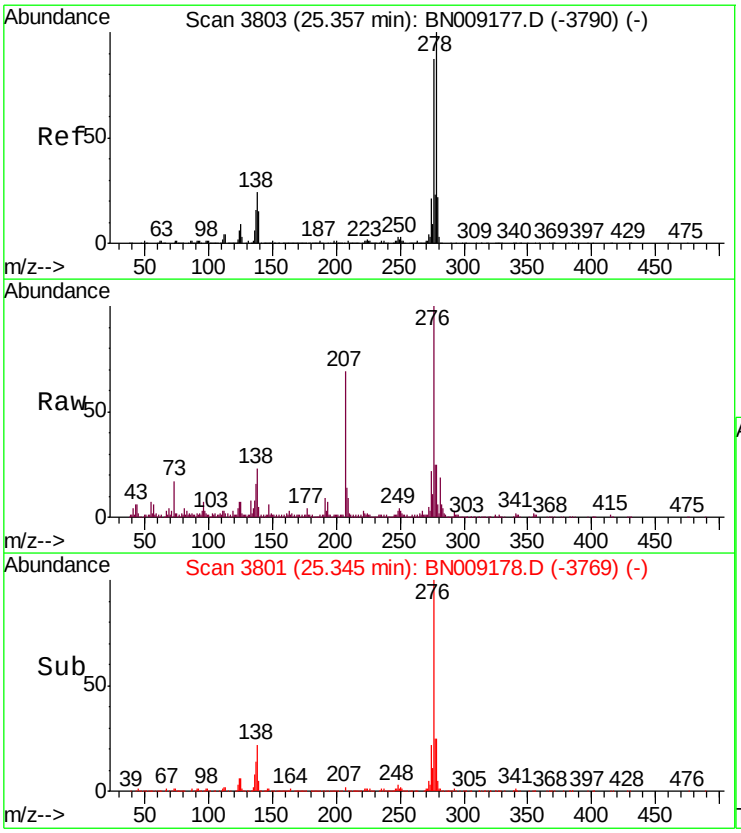
#91
Indeno(1,2,3-cd)pyrene
Concen: 6.573 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:276 Resp: 545543

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.5	30.7
277	25.1	20.2	30.4

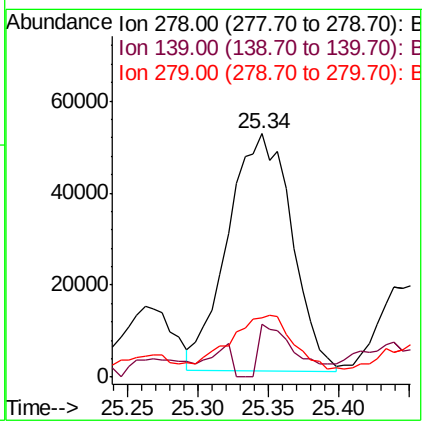


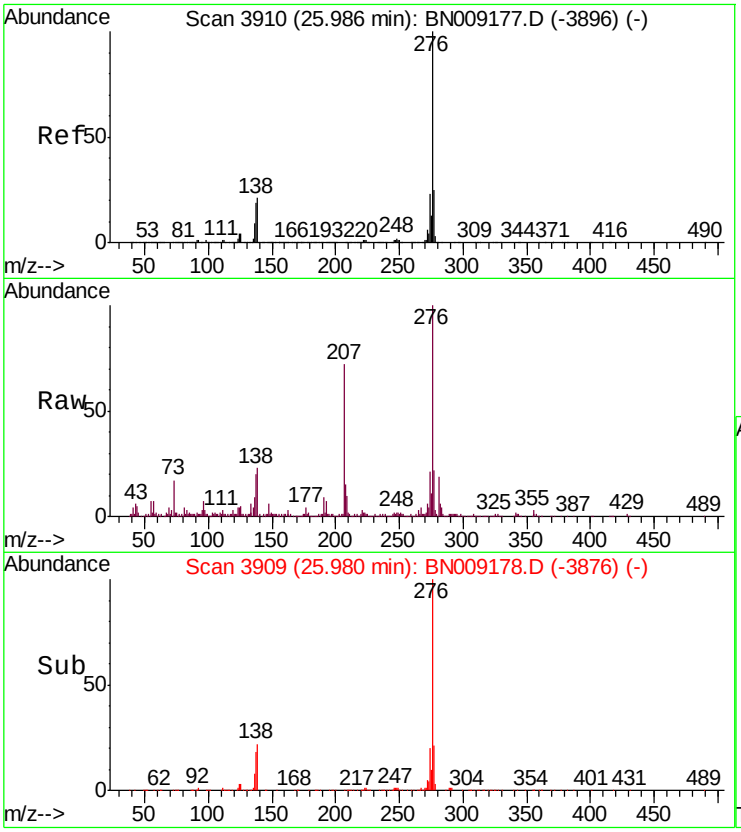


#92
Dibenzo(a,h)anthracene
Concen: 2.337 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Tgt Ion:278 Resp: 163702

Ion	Ratio	Lower	Upper
278	100		
139	21.8	12.4	18.6#
279	24.4	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 7.739 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BN009178.D
Acq: 26 Dec 2019 18:28

Instrument :
BNA_N
ClientSampleId :
CB5R2

Tgt Ion:276 Resp: 537442

Ion	Ratio	Lower	Upper
276	100		
138	22.5	17.8	26.6
277	21.6	18.9	28.3