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

Quantitation Report (Not Reviewed)

Data File : BN009183.D
Acq On : 26 Dec 2019 21:28
Operator : JU
Sample : K6381-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R7

Quant Time: Dec 27 01:34:31 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	375082	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1681623	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	1010177	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	2116827	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1543514	20.00	ng/ul	0.00
85) Perylene-d12	23.24	264	1389886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	43071	5.25	ng/uL	0.00
5) Phenol-d5	6.72	99	1009938	28.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	669614	29.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	776808	30.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	827676	28.75	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	401980	31.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	444482	31.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	797539	29.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	1075686	33.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.57	166	2327606	30.68	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2905708	32.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	424363	28.13	ng/ul	0.00
57) Fluorene-d10	15.16	176	2048378	31.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	263109	19.92	ng/ul	0.00
70) Anthracene-d10	17.00	188	2925712	29.71	ng/ul	0.00
78) Pyrene-d10	19.31	212	3112110	38.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2252223	32.16	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.68	77	23967	1.072	ng/ul	92
28) Naphthalene	10.33	128	197352	2.199	ng/ul	99
34) 2-Methylnaphthalene	11.95	142	71135	1.099	ng/ul	96
44) Dimethylphthalate	13.62	163	200101	2.579	ng/ul	98
47) Acenaphthylene	13.87	152	112659	1.180	ng/ul	98
49) Acenaphthene	14.22	153	145859	2.277	ng/ul	98
53) Dibenzofuran	14.56	168	178655	1.986	ng/ul	99
58) Fluorene	15.21	166	176890	2.354	ng/ul	98
69) Phenanthrene	16.94	178	3352063	28.721	ng/ul	99
71) Anthracene	17.03	178	626210	5.215	ng/ul	100
74) Carbazole	17.30	167	331962	3.199	ng/ul	98
76) Fluoranthene	18.97	202	4392808	32.588	ng/ul	99
79) Pyrene	19.34	202	3596920	33.600	ng/ul	99
82) Benzo(a)anthracene	21.10	228	1682619	16.133	ng/ul	94
83) Bis(2-ethylhexyl)phthalate	21.06	149	314437	4.357	ng/ul	98
84) Chrysene	21.14	228	1552231	15.487	ng/ul	99
87) Benzo(b)fluoranthene	22.62	252	1582460	18.629	ng/ul	99
88) Benzo(k)fluoranthene	22.62	252	1582460	19.075	ng/ul	99
90) Benzo(a)pyrene	23.16	252	1026169	13.156	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.34	276	625967	6.624	ng/ul	96
92) Dibenzo(a,h)anthracene	25.34	278	177252	2.222	ng/ul#	90
93) Benzo(g,h,i)perylene	25.98	276	574510	7.266	ng/ul	98

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

Quantitation Report (Not Reviewed)

Data File : BN009183.D
Acq On : 26 Dec 2019 21:28
Operator : JU
Sample : K6381-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5R7

Quant Time: Dec 27 01:34:31 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

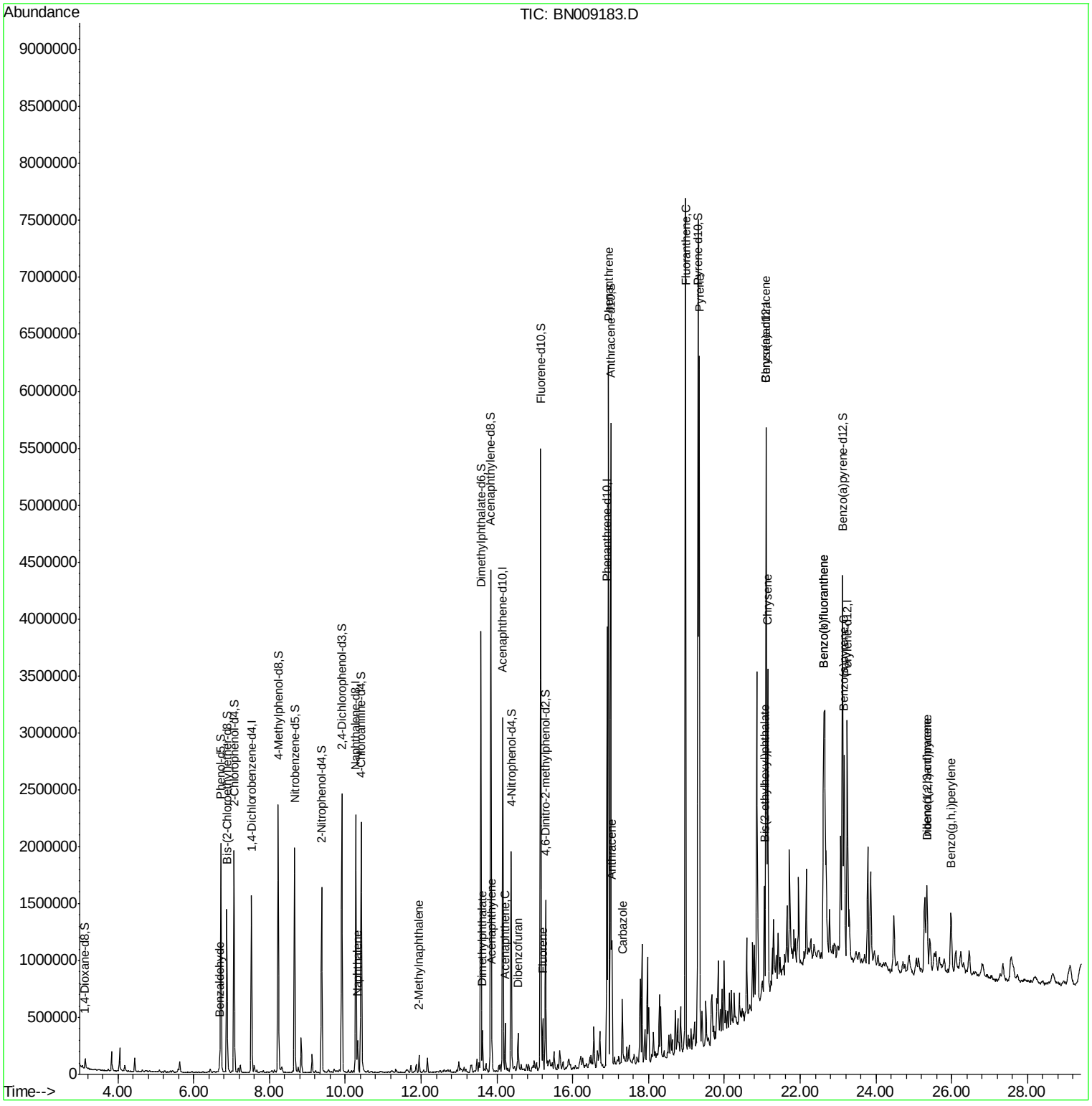
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

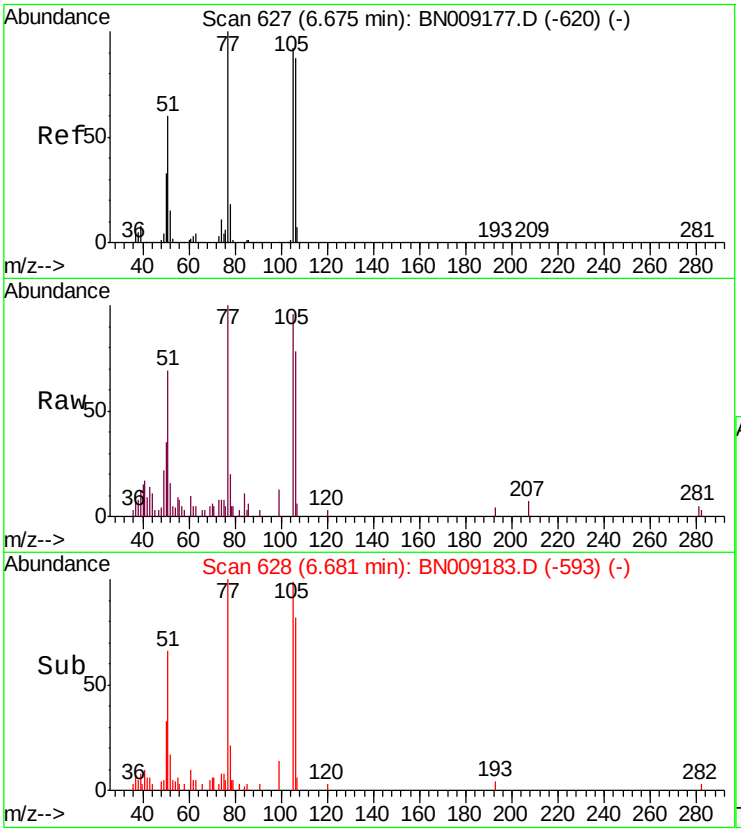
Quantitation Report (Not Reviewed)

Data File : BN009183.D
Acq On : 26 Dec 2019 21:28
Operator : JU
Sample : K6381-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5R7

Quant Time: Dec 27 01:34:31 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



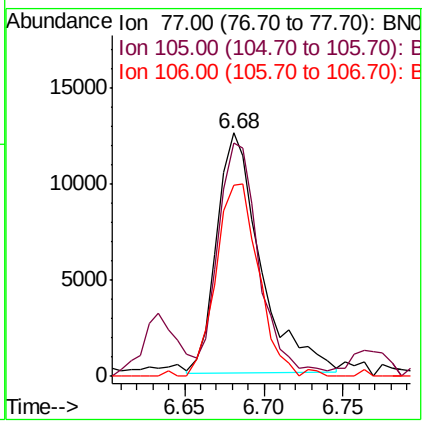


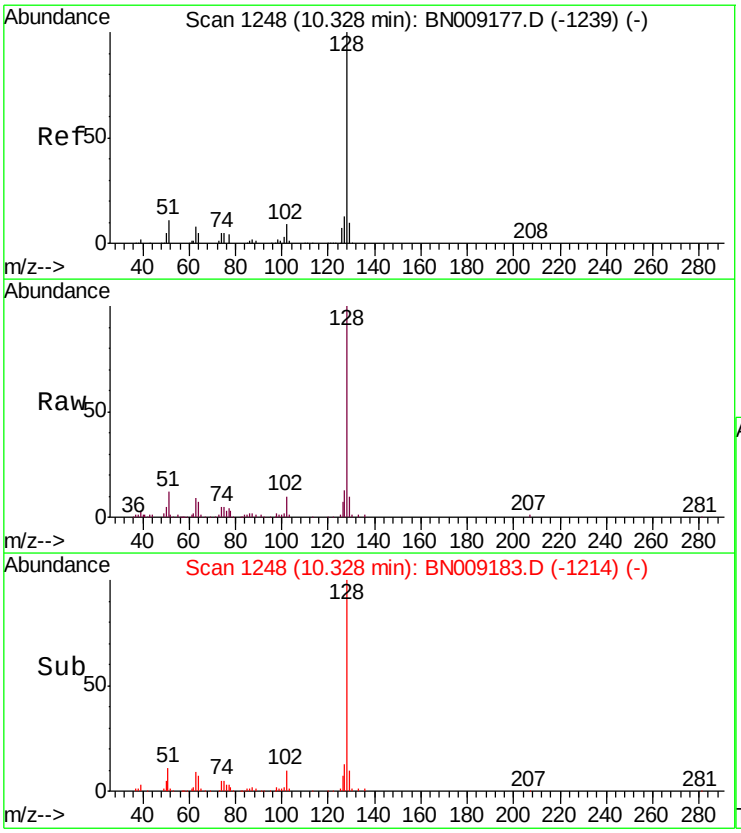
#4
Benzaldehyde
Concen: 1.072 ng/ul
RT: 6.68 min Scan# 628
Delta R.T. 0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion: 77 Resp: 23967

Ion	Ratio	Lower	Upper
77	100		
105	95.6	73.9	110.9
106	78.5	72.1	108.1

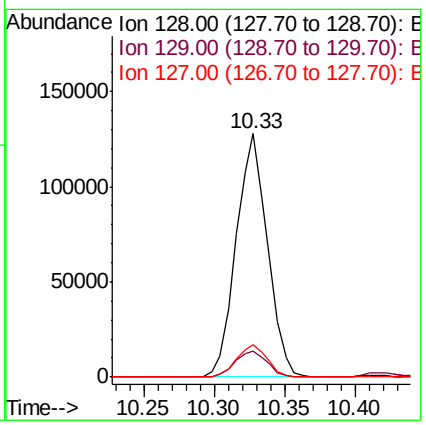


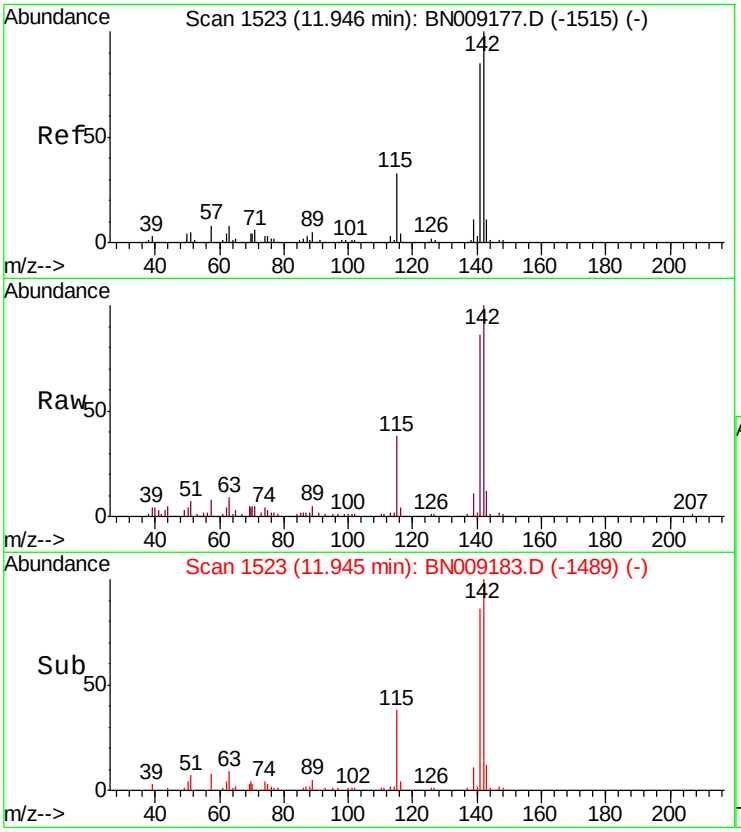


#28
Naphthalene
Concen: 2.199 ng/ul
RT: 10.33 min Scan# 1248
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:128 Resp: 197352

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



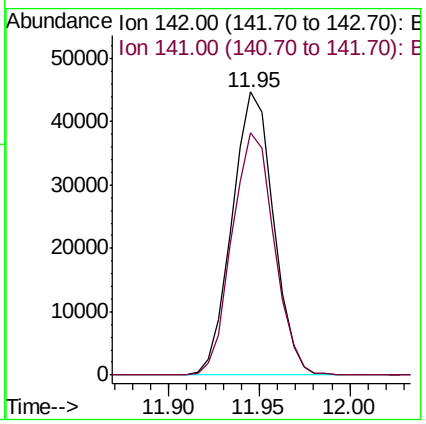


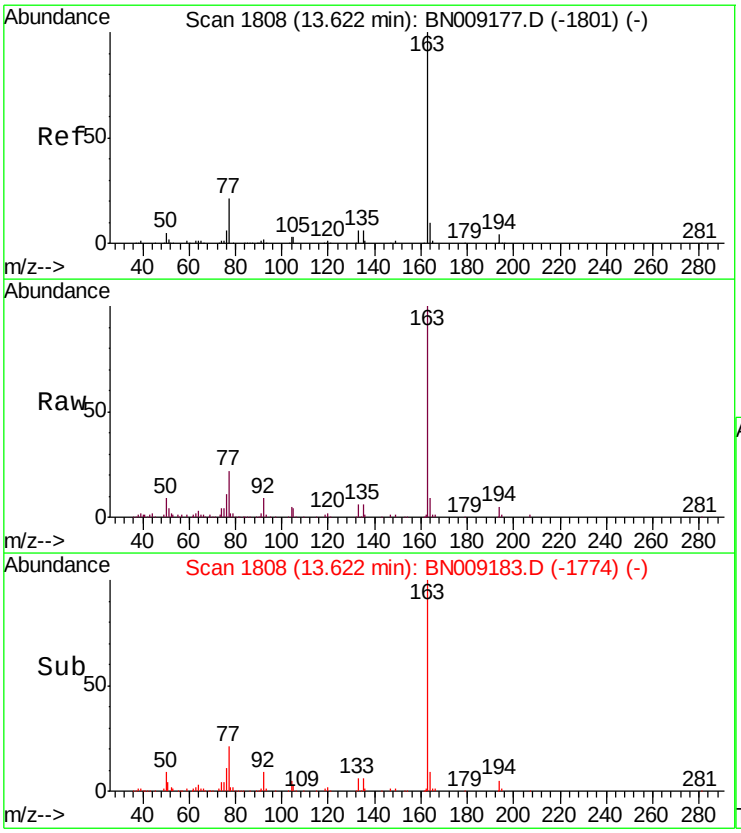
#34
2-Methylnaphthalene
Concen: 1.099 ng/ul
RT: 11.95 min Scan# 1523
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:142 Resp: 71135

Ion	Ratio	Lower	Upper
142	100		
141	85.6	65.8	98.6

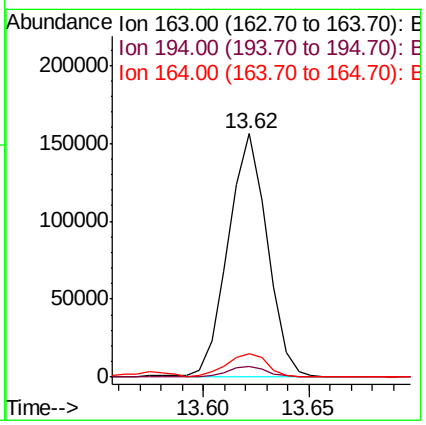


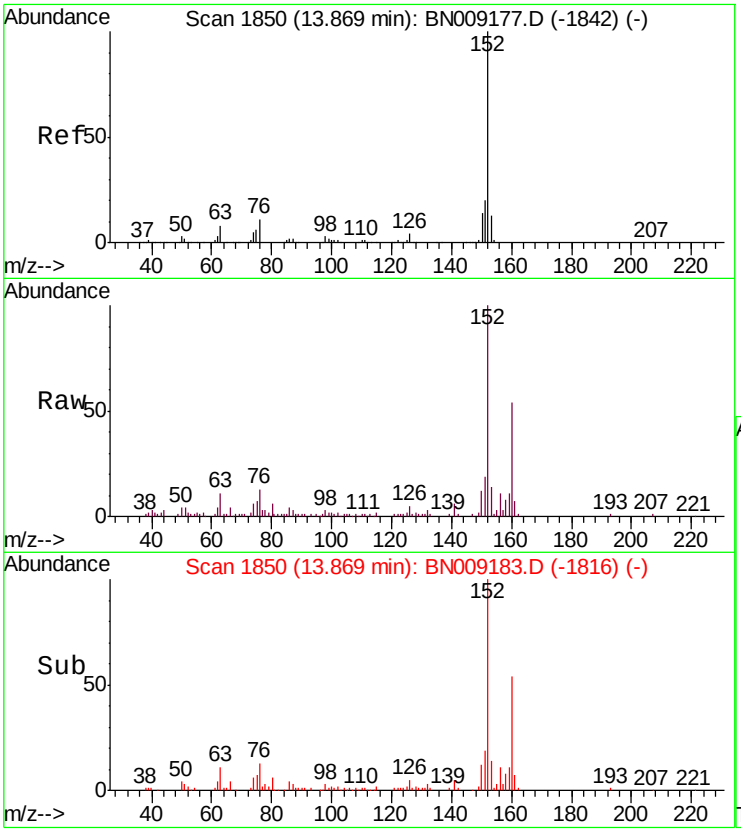


#44
Dimethylphthalate
Concen: 2.579 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:163 Resp: 200101

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	9.4	8.3	12.5



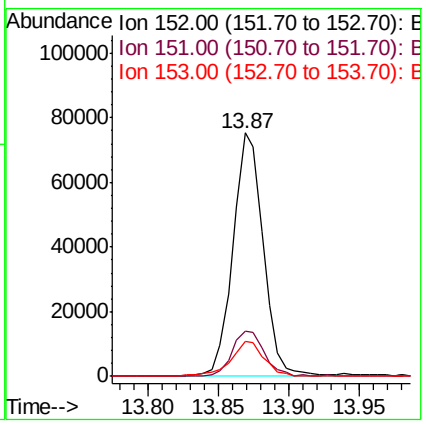


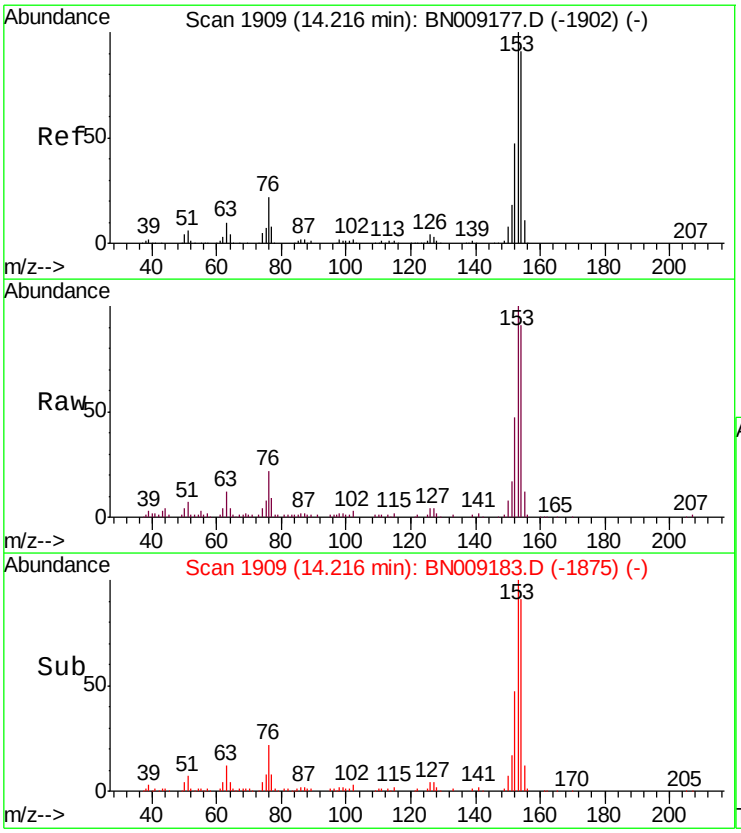
#47
Acenaphthylene
Concen: 1.180 ng/ul
RT: 13.87 min Scan# 1850
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:152 Resp: 112659

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2
153	14.4	10.3	15.5

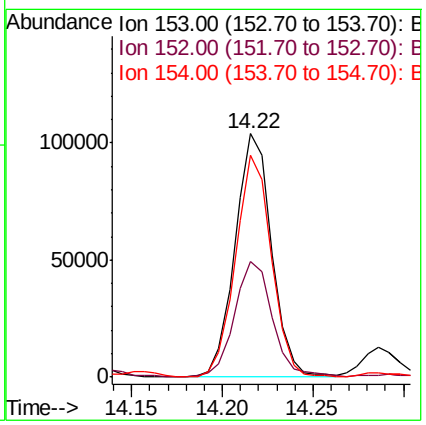


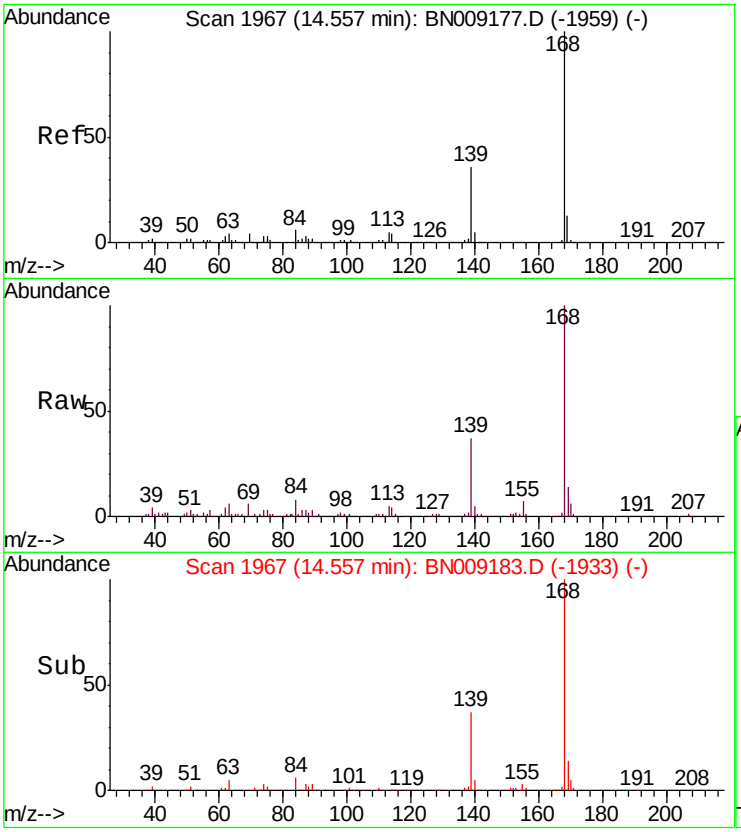


#49
Acenaphthene
Concen: 2.277 ng/ul
RT: 14.22 min Scan# 1909
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:153 Resp: 145859

Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.8	56.8
154	91.2	71.3	106.9



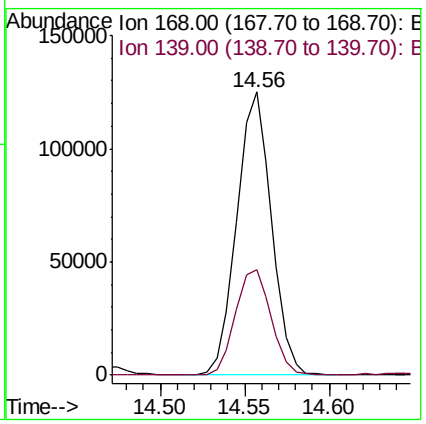


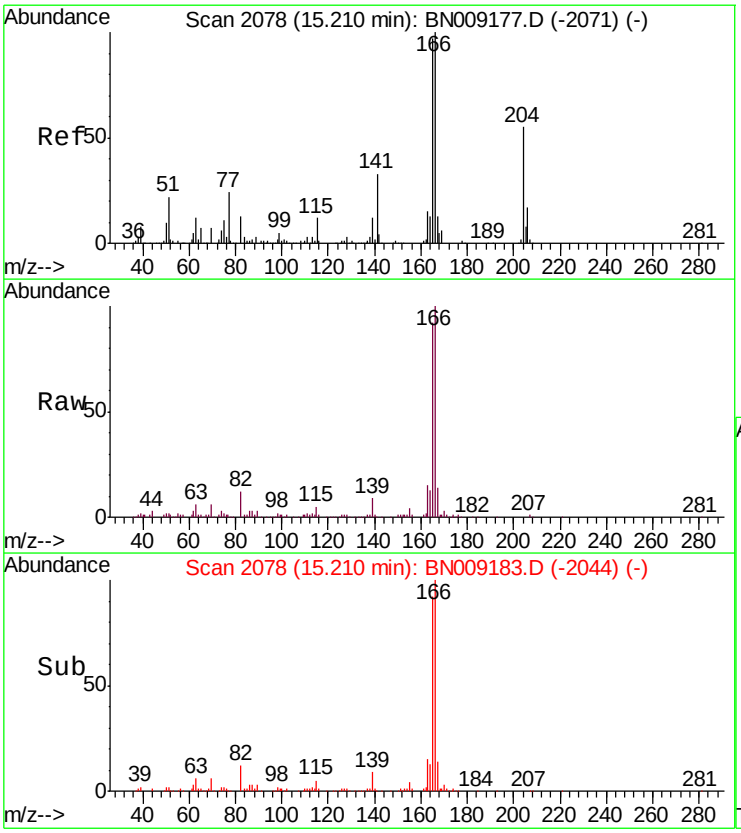
#53
Dibenzofuran
Concen: 1.986 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:168 Resp: 178655

Ion	Ratio	Lower	Upper
168	100		
139	37.3	30.3	45.5

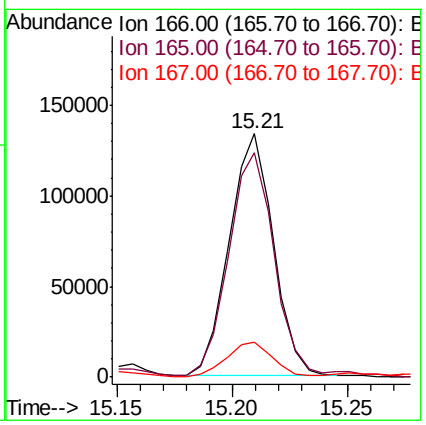


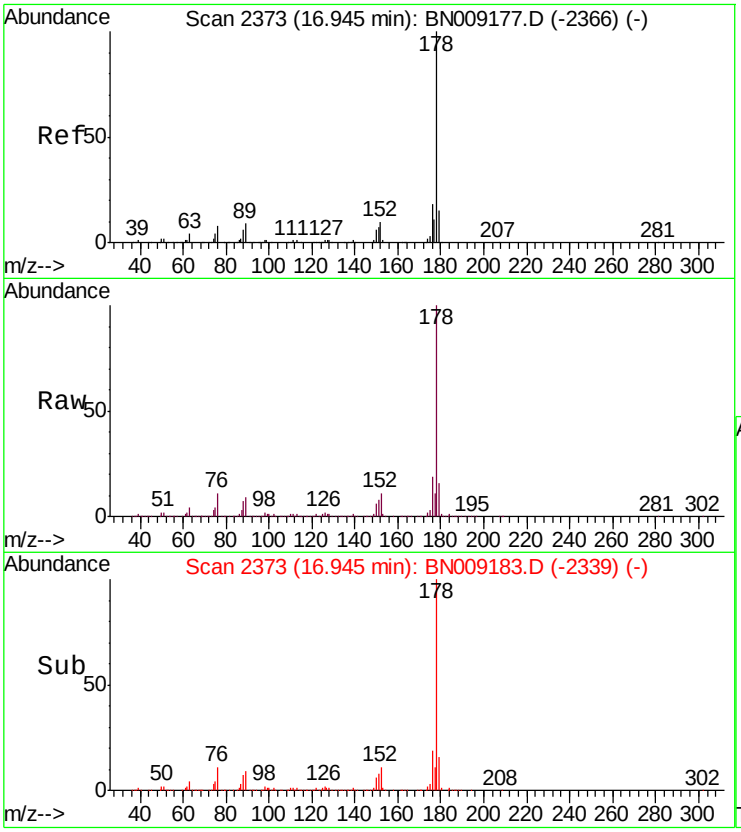


#58
Fluorene
Concen: 2.354 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:166 Resp: 176890

Ion	Ratio	Lower	Upper
166	100		
165	92.0	75.3	112.9
167	14.3	10.6	16.0



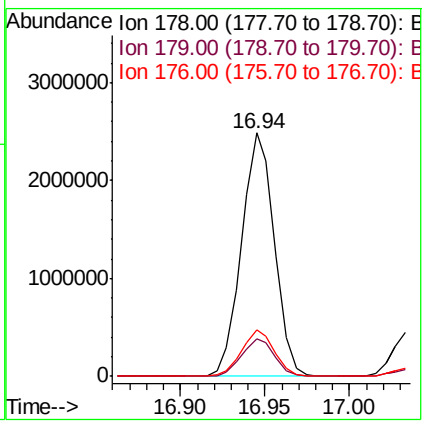


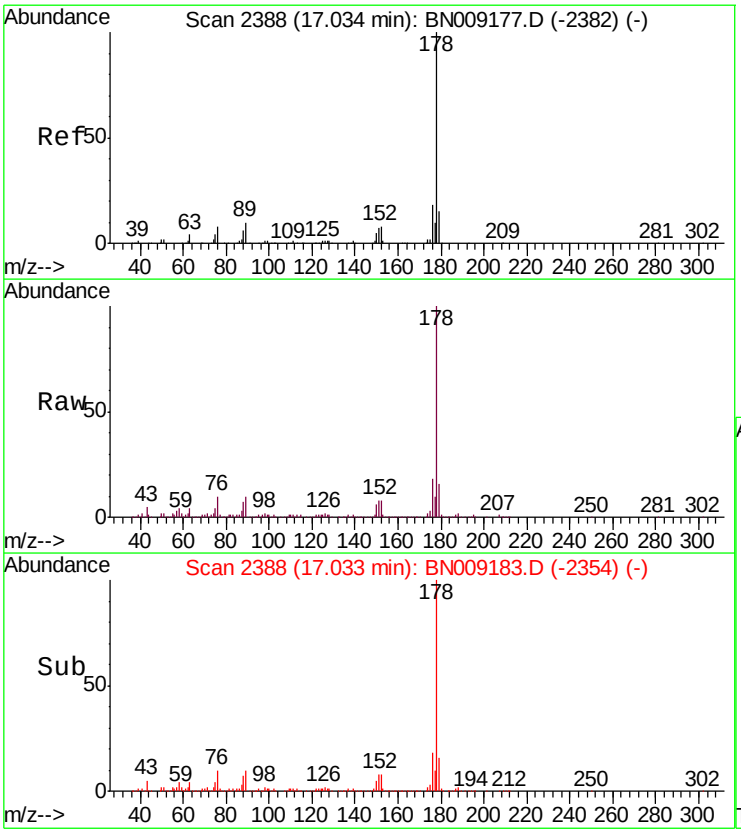
#69
Phenanthrene
Concen: 28.721 ng/ul
RT: 16.94 min Scan# 2373
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:178 Resp: 3352063

Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.1	15.2	22.8

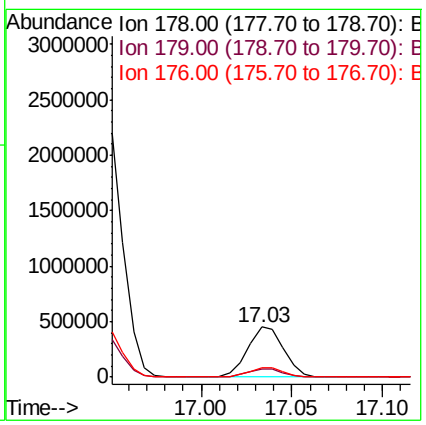


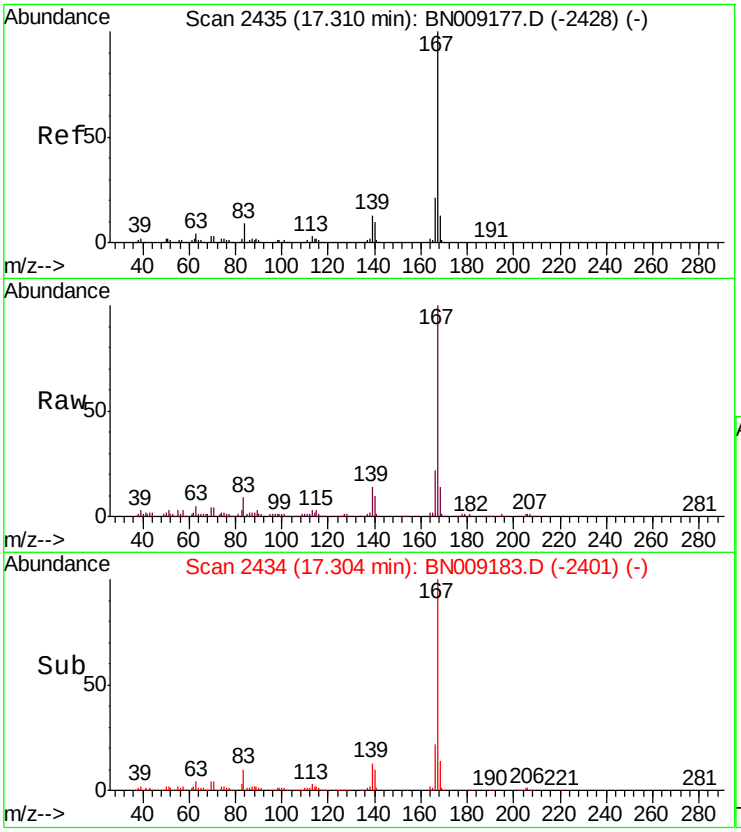


#71
Anthracene
Concen: 5.215 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:178 Resp: 626210

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	18.2	14.8	22.2



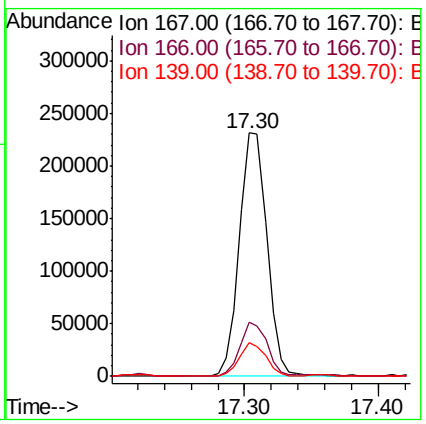


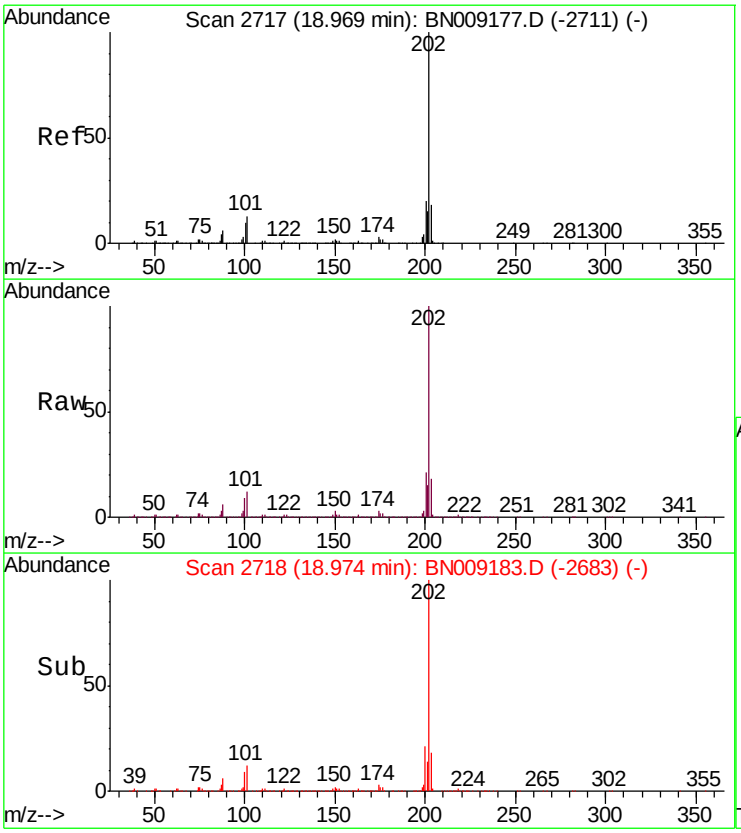
#74
Carbazole
Concen: 3.199 ng/ul
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:167 Resp: 331962

Ion	Ratio	Lower	Upper
167	100		
166	22.0	16.8	25.2
139	13.7	10.6	15.8

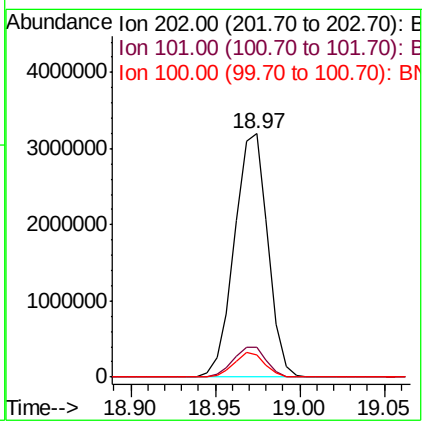


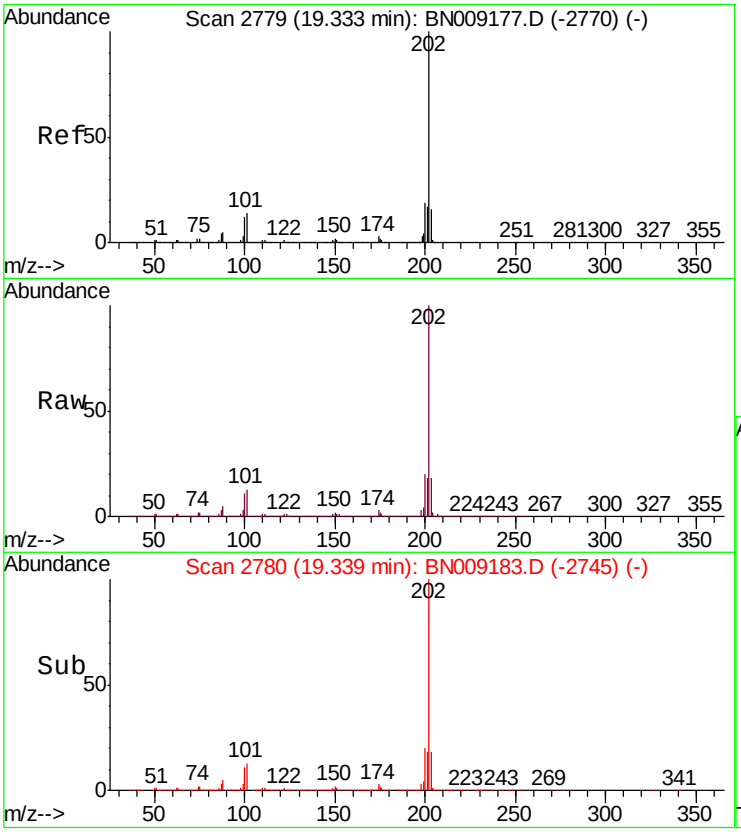


#76
Fluoranthene
Concen: 32.588 ng/ul
RT: 18.97 min Scan# 2718
Delta R.T. 0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:202 Resp: 4392808

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.3	7.6	11.4



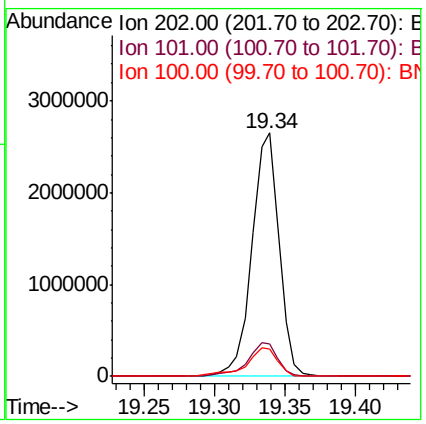


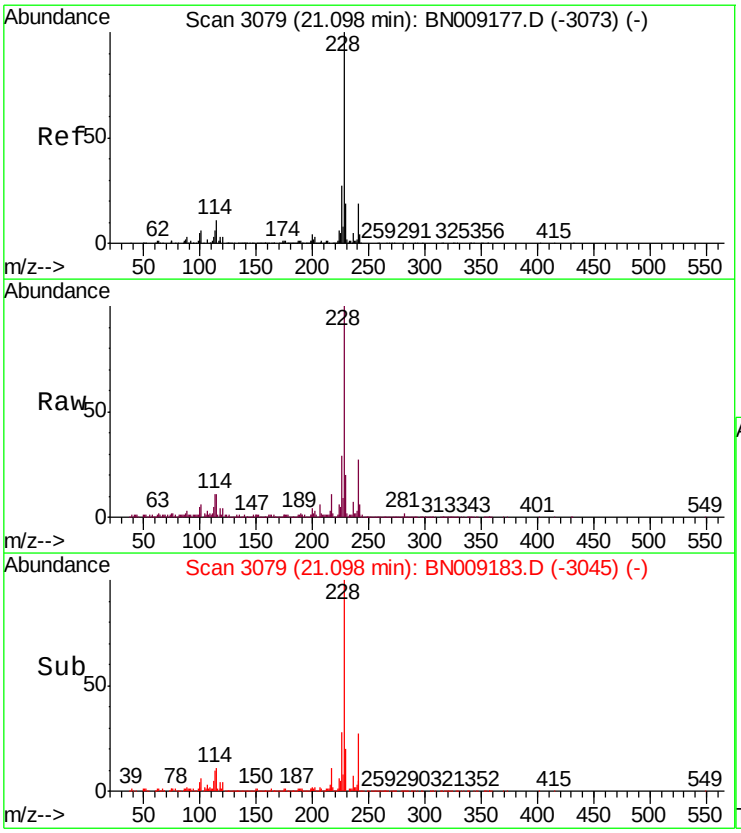
#79
Pyrene
Concen: 33.600 ng/ul
RT: 19.34 min Scan# 2780
Delta R.T. 0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:202 Resp: 3596920

Ion	Ratio	Lower	Upper
202	100		
101	13.4	11.1	16.7
100	11.2	9.0	13.4

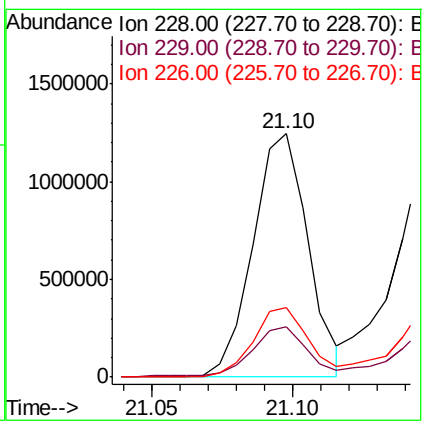


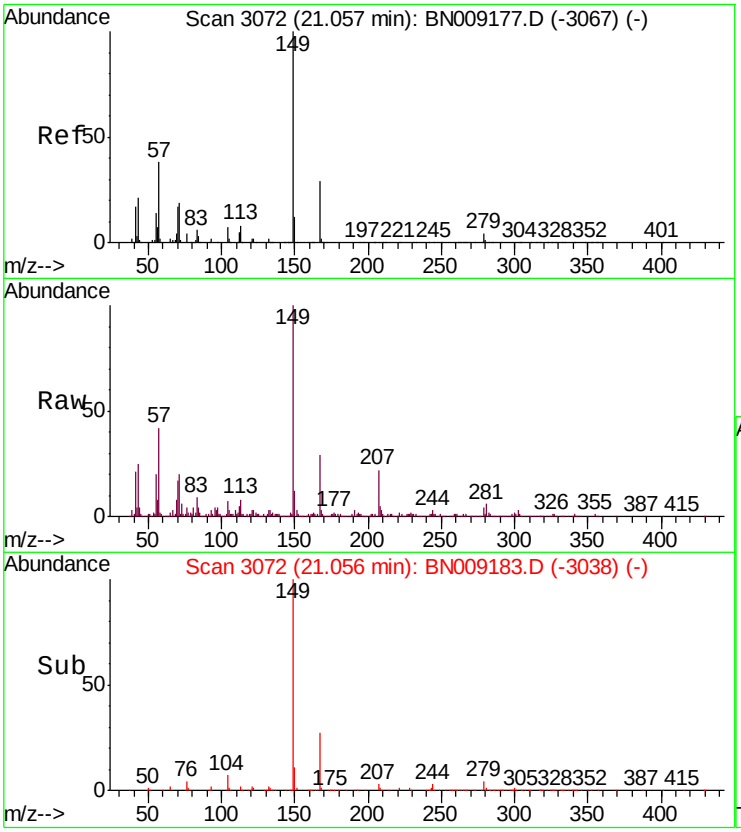


#82
Benzo(a)anthracene
Concen: 16.133 ng/ul
RT: 21.10 min Scan# 3079
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:228 Resp: 1682619

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.2	22.8
226	28.6	19.8	29.6



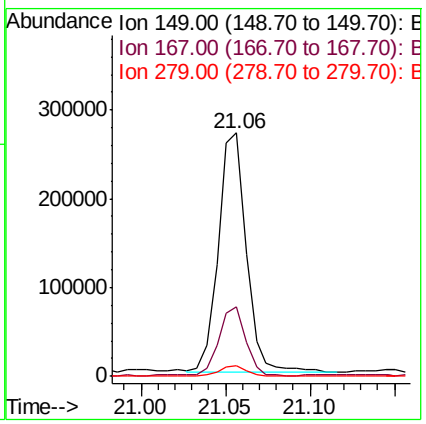


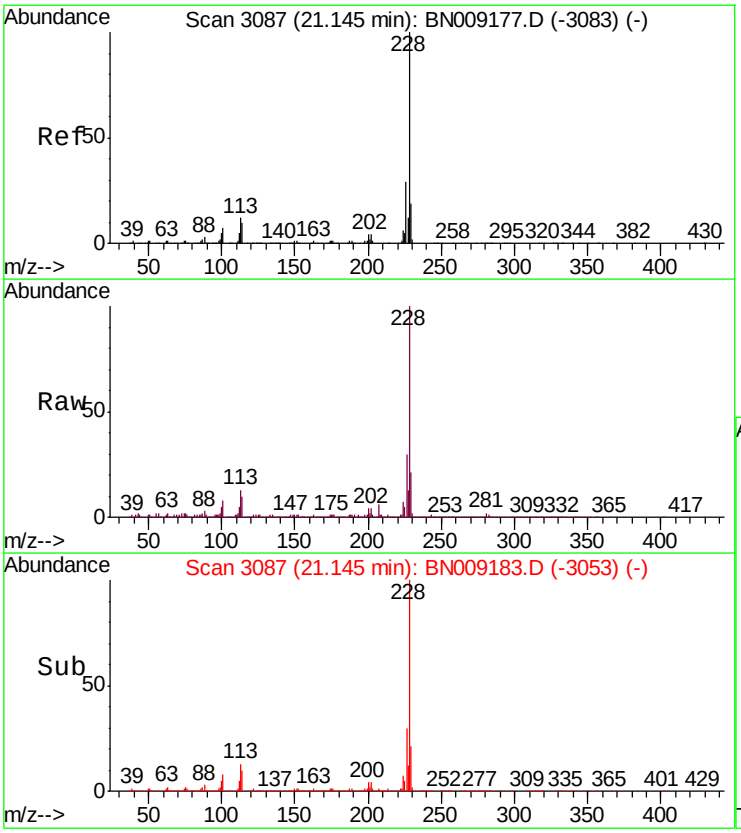
#83
Bis(2-ethylhexyl)phthalate
Concen: 4.357 ng/ul
RT: 21.06 min Scan# 3072
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:149 Resp: 314437

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.2	33.2
279	4.4	3.5	5.3

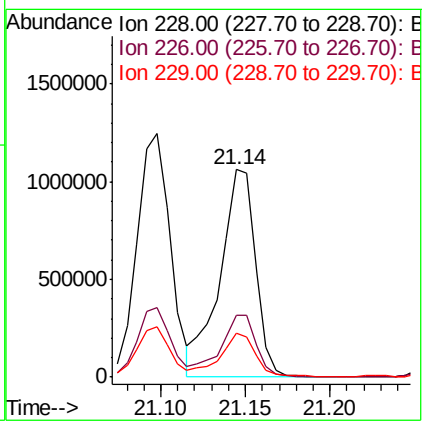


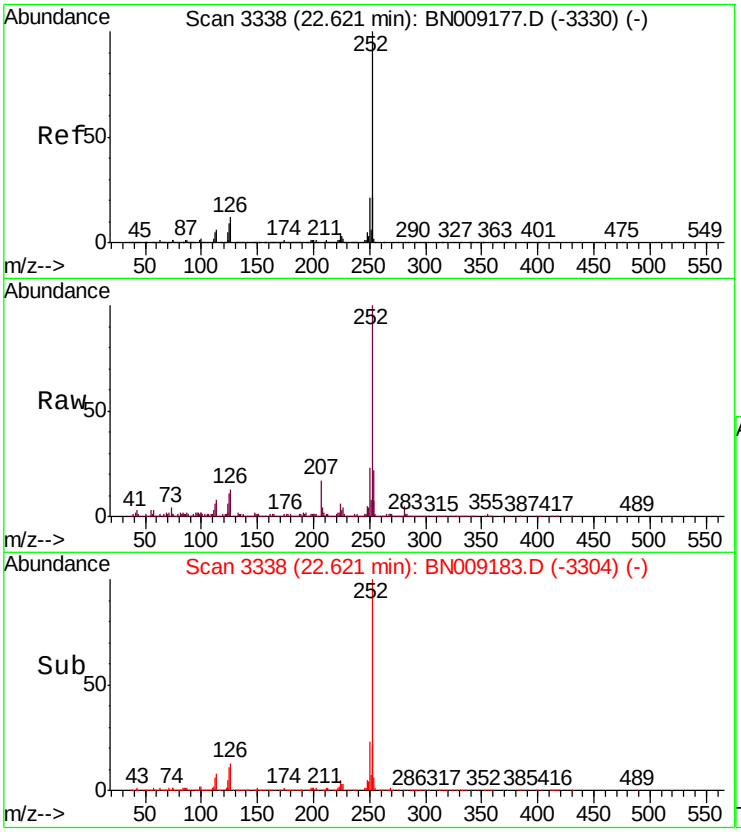


#84
Chrysene
Concen: 15.487 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:228 Resp: 1552231

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	21.1	15.9	23.9



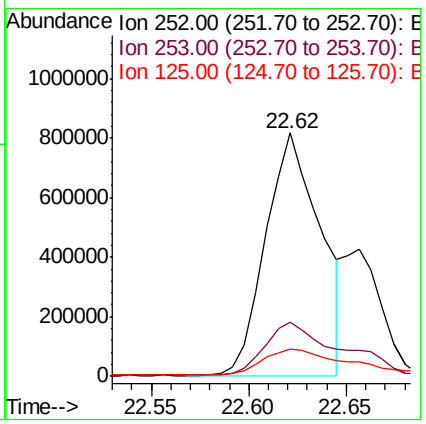


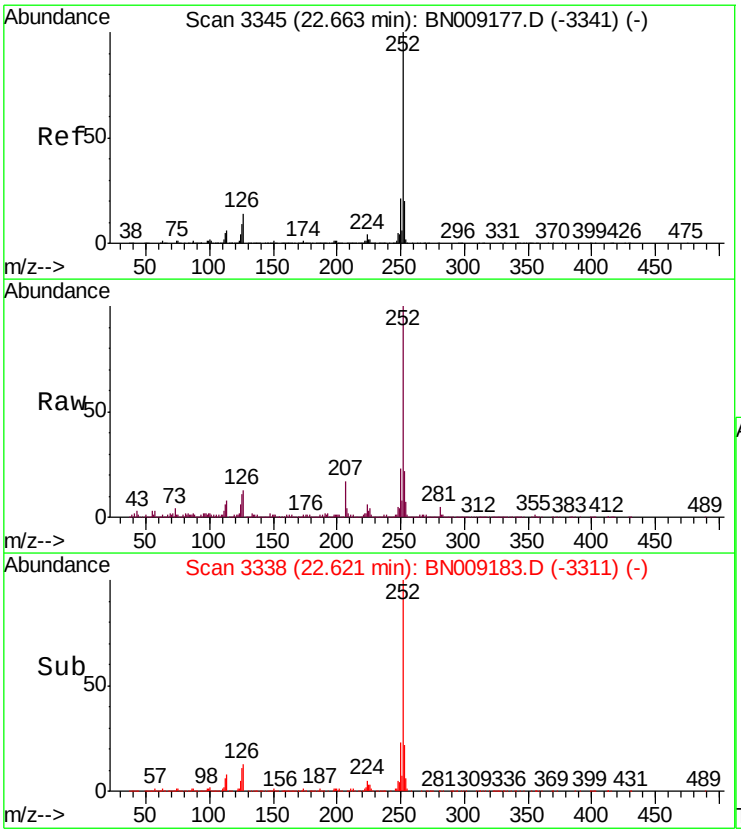
#87
Benzo(b)fluoranthene
Concen: 18.629 ng/ul
RT: 22.62 min Scan# 3338
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:252 Resp: 1582460

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	11.0	8.5	12.7

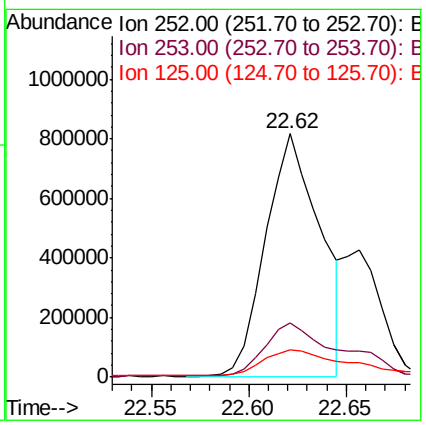


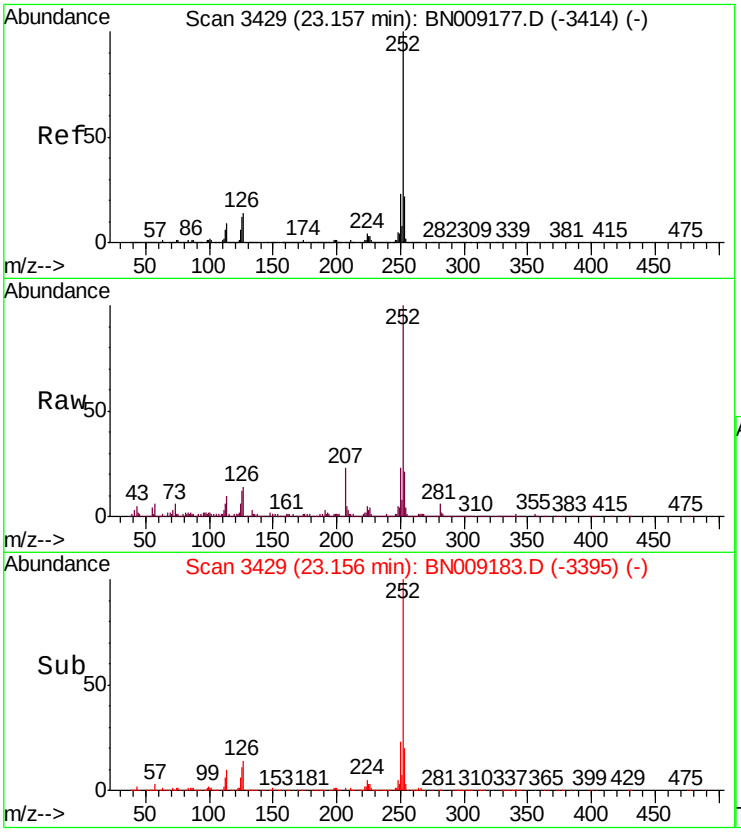


#88
Benzo(k)fluoranthene
Concen: 19.075 ng/ul
RT: 22.62 min Scan# 3338
Delta R.T. -0.04 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:252 Resp: 1582460

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	11.0	8.8	13.2



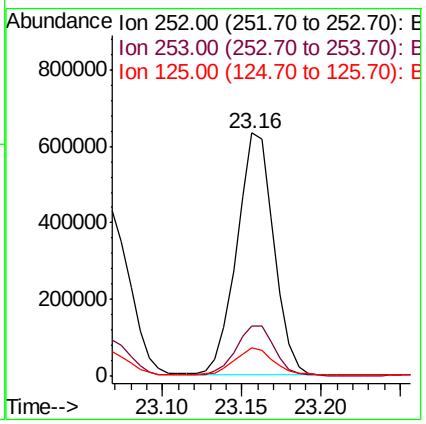


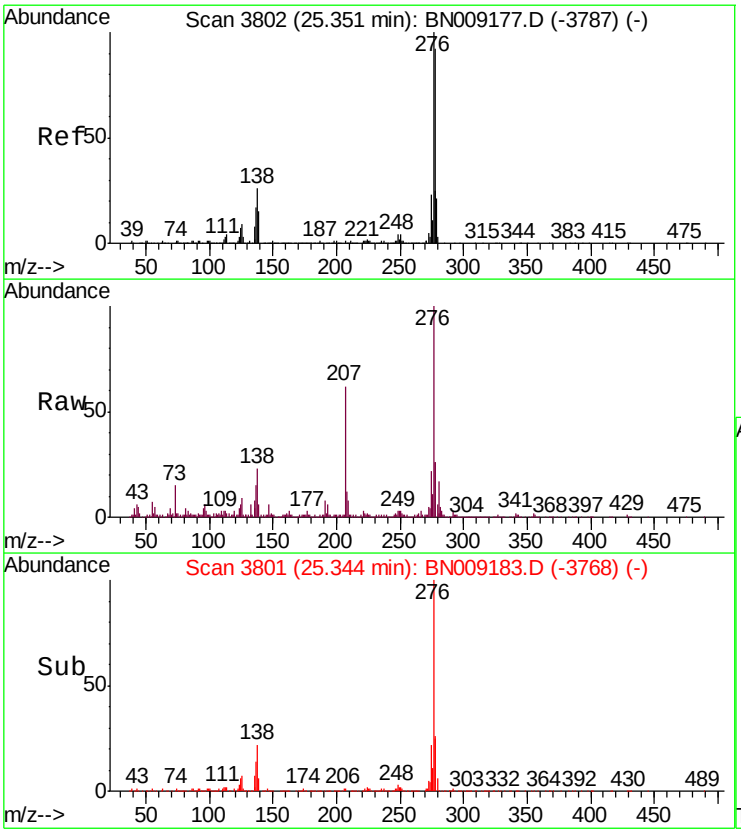
#90
Benzo(a)pyrene
Concen: 13.156 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. -0.00 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:252 Resp: 1026169

Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.7	26.5
125	12.0	9.5	14.3

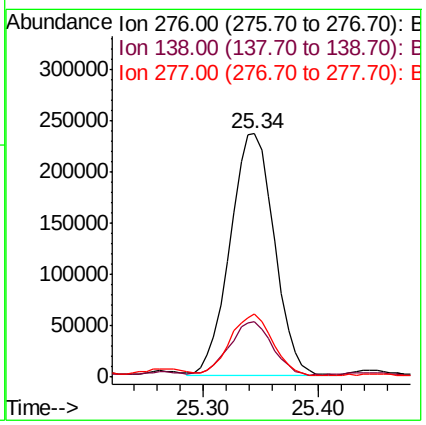


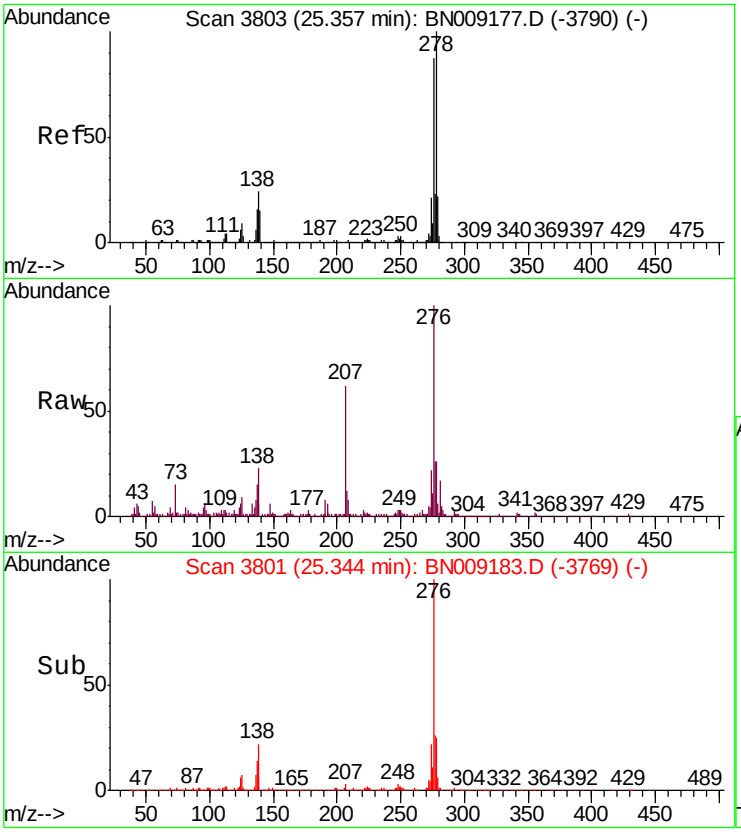


#91
Indeno(1,2,3-cd)pyrene
Concen: 6.624 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:276 Resp: 625967

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.5	30.7
277	26.1	20.2	30.4



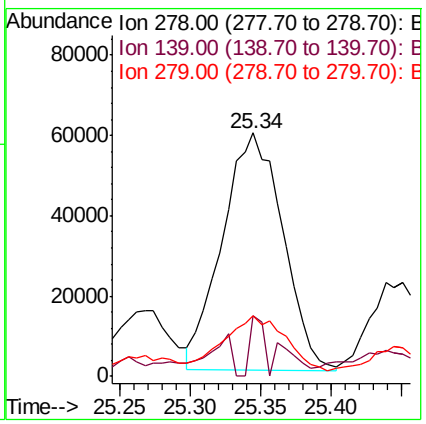


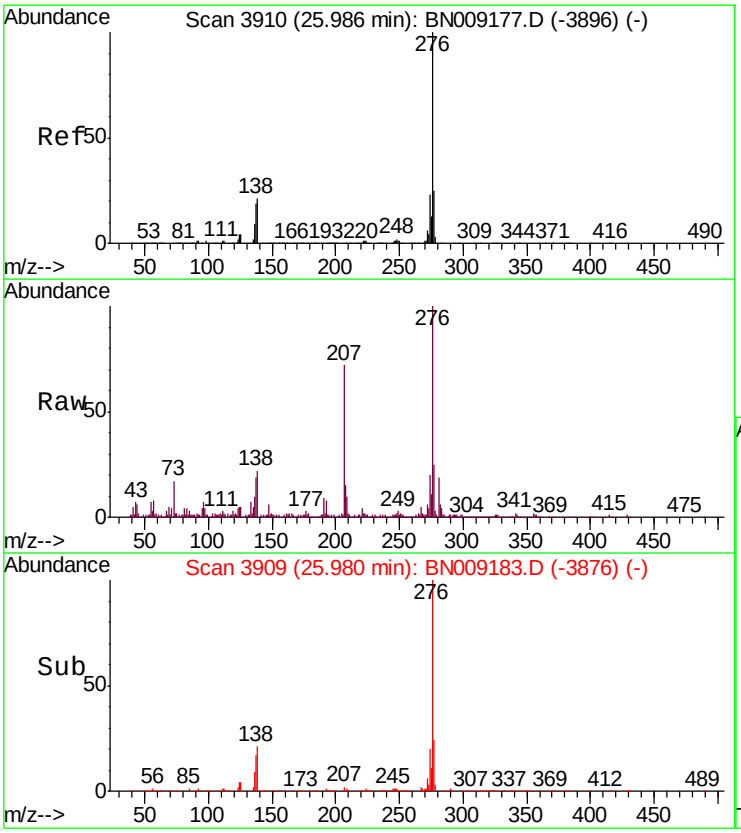
#92
Dibenzo(a,h)anthracene
Concen: 2.222 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Instrument :
BNA_N
ClientSampleId :
CB5R7

Tgt Ion:278 Resp: 177252

Ion	Ratio	Lower	Upper
278	100		
139	24.9	12.4	18.6#
279	24.7	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 7.266 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BN009183.D
Acq: 26 Dec 2019 21:28

Tgt Ion:276 Resp: 574510

Ion	Ratio	Lower	Upper
276	100		
138	21.5	17.8	26.6
277	24.5	18.9	28.3