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

Quantitation Report (Not Reviewed)

Data File : BN009187.D
Acq On : 26 Dec 2019 23:52
Operator : JU
Sample : K6381-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S1

Quant Time: Dec 27 01:35:24 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	315757	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	1404721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.15	164	904362	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.90	188	1887224	20.00	ng/ul	0.00
77) Chrysene-d12	21.11	240	1410103	20.00	ng/ul	0.00
85) Perylene-d12	23.25	264	1278493	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	34832	5.04	ng/uL	0.00
5) Phenol-d5	6.72	99	869706	28.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	566927	29.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	667252	31.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	712960	29.42	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	352503	33.32	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	396216	33.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.91	165	697804	31.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.42	131	954288	35.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.58	166	2082109	30.65	ng/ul	0.00
46) Acenaphthylene-d8	13.84	160	2631022	33.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.37	143	380920	28.20	ng/ul	0.00
57) Fluorene-d10	15.15	176	1876492	31.72	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.29	200	207870	17.65	ng/ul	0.00
70) Anthracene-d10	17.00	188	2752007	31.35	ng/ul	0.00
78) Pyrene-d10	19.30	212	2891827	39.31	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.12	264	2138263	33.19	ng/ul	0.00
Target Compounds						Qvalue
4) Benzaldehyde	6.69	77	21910	1.164	ng/ul#	84
28) Naphthalene	10.33	128	162960	2.174	ng/ul	98
34) 2-Methylnaphthalene	11.95	142	80545	1.490	ng/ul	91
44) Dimethylphthalate	13.62	163	123435	1.777	ng/ul	99
47) Acenaphthylene	13.88	152	168549	1.972	ng/ul	99
49) Acenaphthene	14.22	153	116053	2.024	ng/ul	98
53) Dibenzofuran	14.56	168	161665	2.008	ng/ul	97
58) Fluorene	15.21	166	180389	2.681	ng/ul	94
69) Phenanthrene	16.95	178	2933206	28.190	ng/ul	99
71) Anthracene	17.03	178	567529	5.301	ng/ul	100
74) Carbazole	17.30	167	168096	1.817	ng/ul	98
76) Fluoranthene	18.97	202	3998820	33.274	ng/ul	99
79) Pyrene	19.33	202	3377574	34.536	ng/ul	98
82) Benzo(a)anthracene	21.09	228	1567546	16.452	ng/ul#	91
84) Chrysene	21.15	228	1467901	16.031	ng/ul	100
87) Benzo(b)fluoranthene	22.62	252	1478579	18.922	ng/ul	98
88) Benzo(k)fluoranthene	22.62	252	1478579	19.376	ng/ul	98
90) Benzo(a)pyrene	23.16	252	977651	13.626	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.34	276	550423	6.332	ng/ul	96
92) Dibenzo(a,h)anthracene	25.34	278	169900	2.316	ng/ul#	84
93) Benzo(g,h,i)perylene	25.98	276	529367	7.278	ng/ul	95

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

Quantitation Report (Not Reviewed)

Data File : BN009187.D
Acq On : 26 Dec 2019 23:52
Operator : JU
Sample : K6381-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB5S1

Quant Time: Dec 27 01:35:24 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

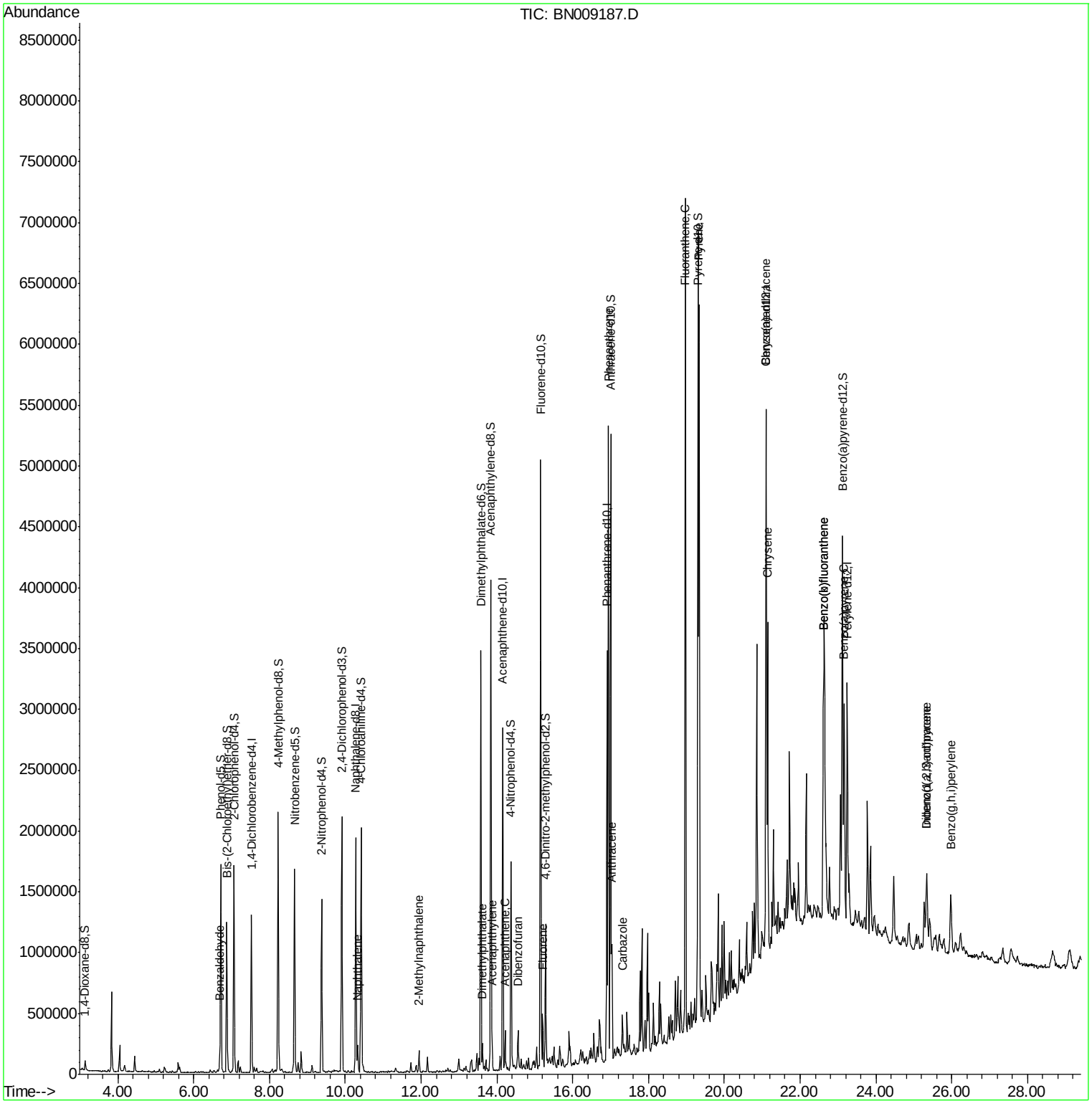
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN122619\

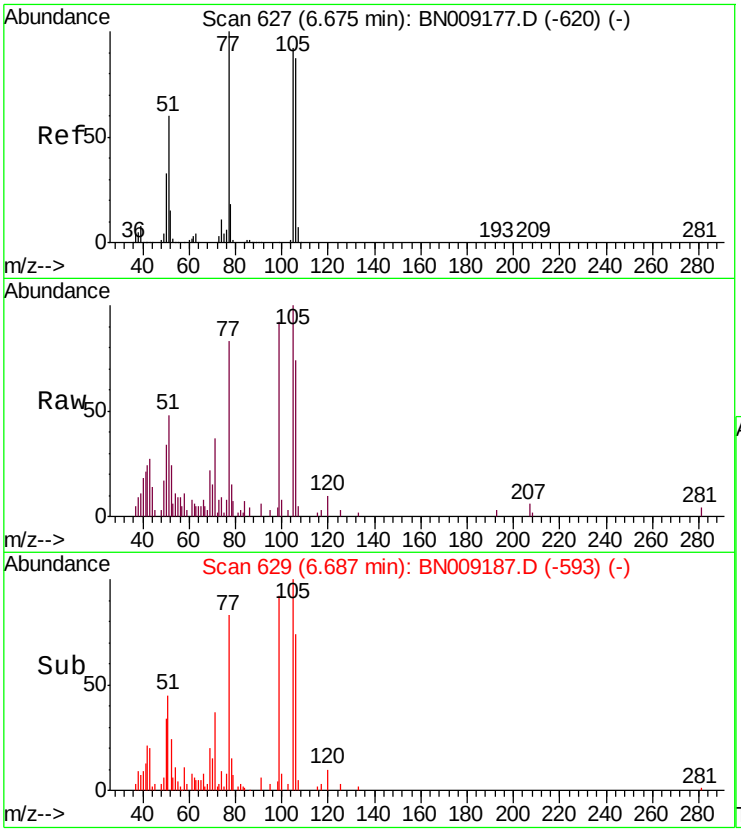
Quantitation Report (Not Reviewed)

Data File : BN009187.D
Acq On : 26 Dec 2019 23:52
Operator : JU
Sample : K6381-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CB5S1

Quant Time: Dec 27 01:35:24 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



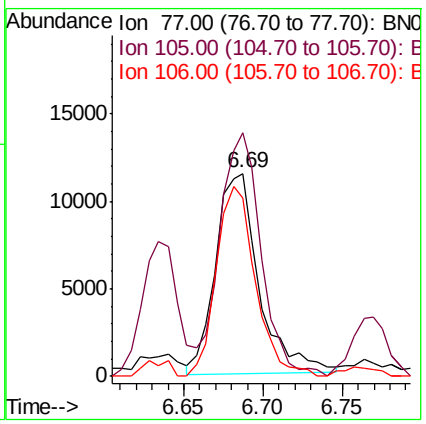


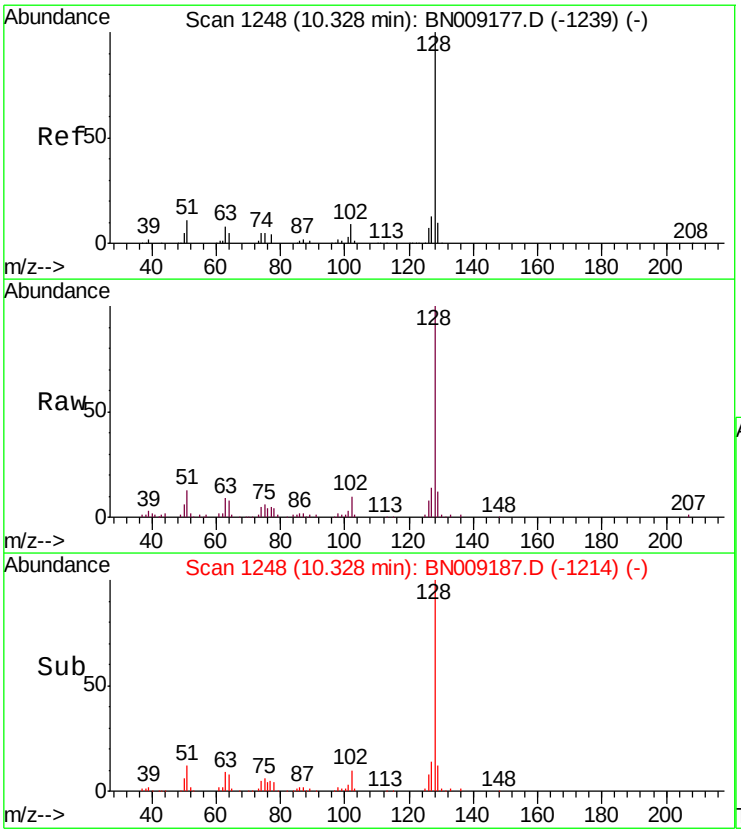
#4
Benzaldehyde
Concen: 1.164 ng/ul
RT: 6.69 min Scan# 629
Delta R.T. 0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion: 77 Resp: 21910

Ion	Ratio	Lower	Upper
77	100		
105	119.9	73.9	110.9#
106	88.1	72.1	108.1

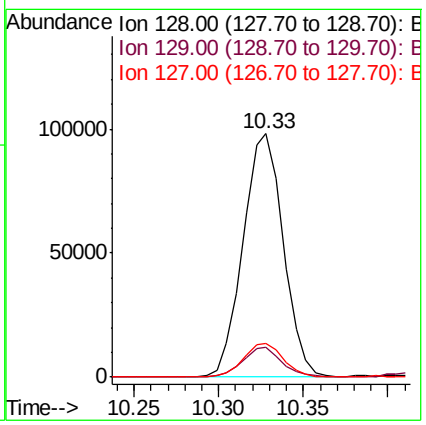


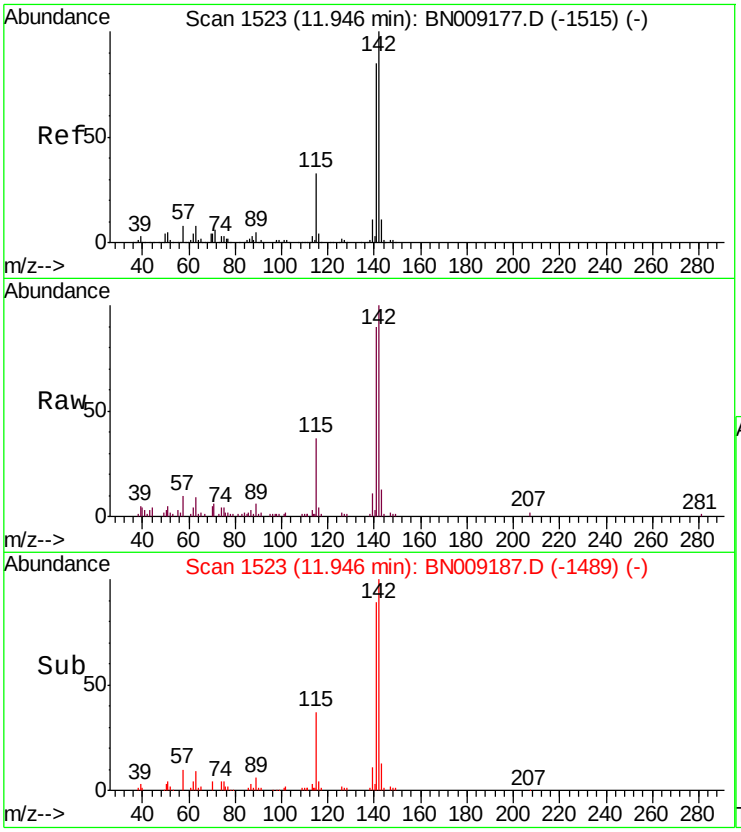


#28
Naphthalene
Concen: 2.174 ng/ul
RT: 10.33 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:128 Resp: 162960

Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.7	13.1
127	13.6	10.4	15.6



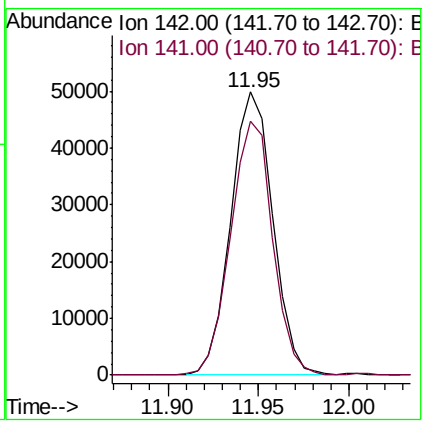


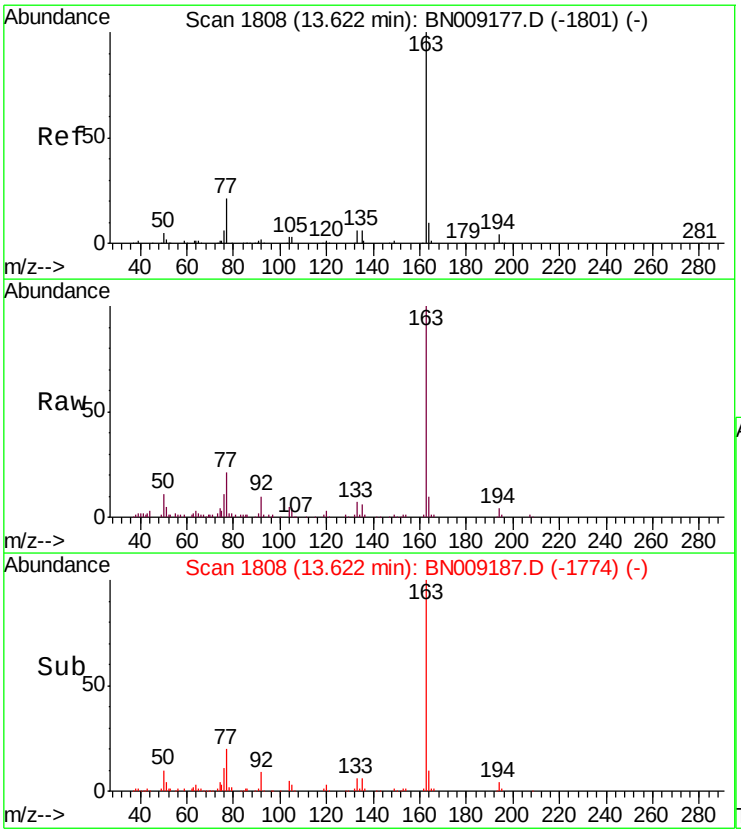
#34
2-Methylnaphthalene
Concen: 1.490 ng/ul
RT: 11.95 min Scan# 1523
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:142 Resp: 80545

Ion	Ratio	Lower	Upper
142	100		
141	89.9	65.8	98.6

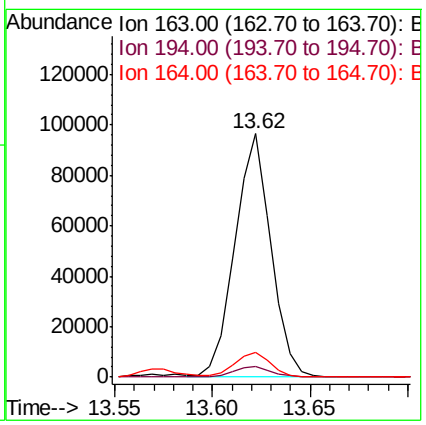


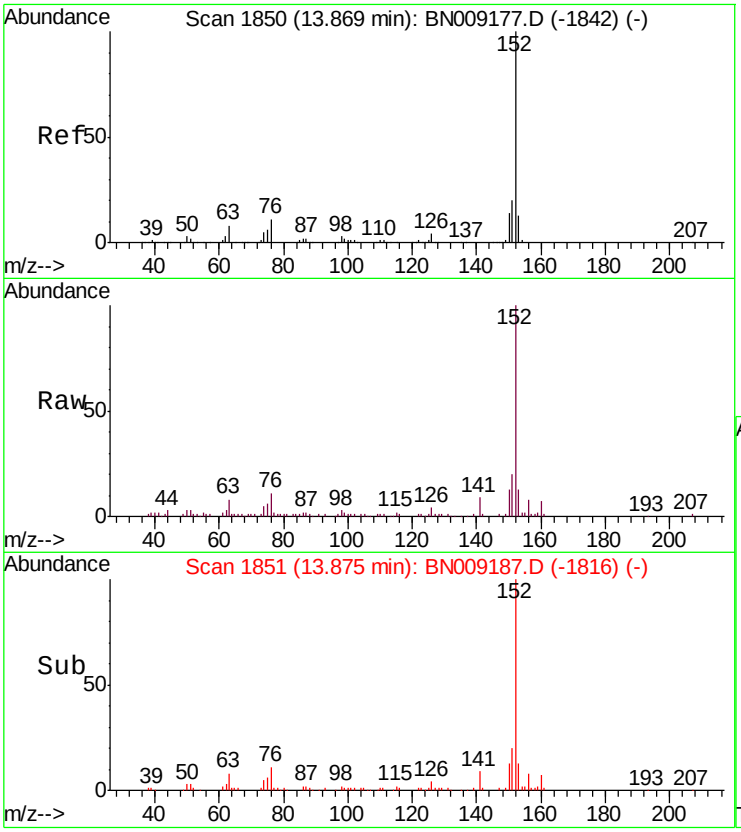


#44
Dimethylphthalate
Concen: 1.777 ng/ul
RT: 13.62 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:163 Resp: 123435

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.3	12.5



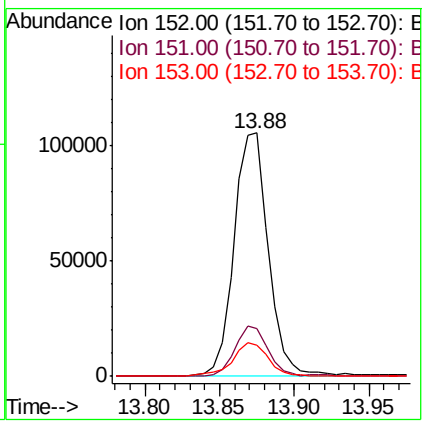


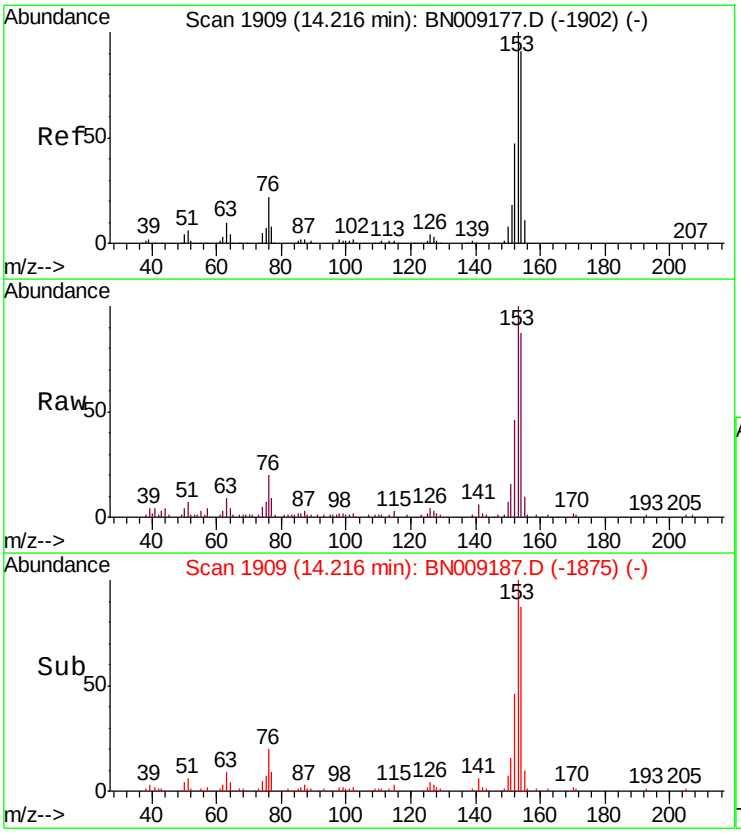
#47
Acenaphthylene
Concen: 1.972 ng/ul
RT: 13.88 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:152 Resp: 168549

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.2
153	12.7	10.3	15.5

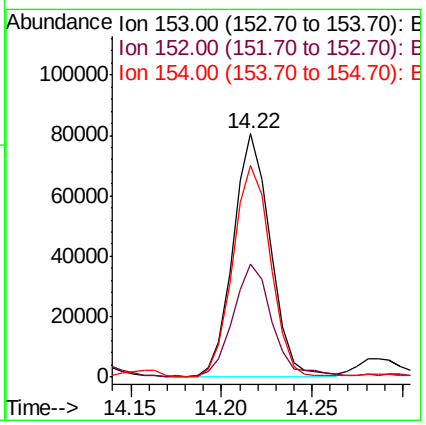


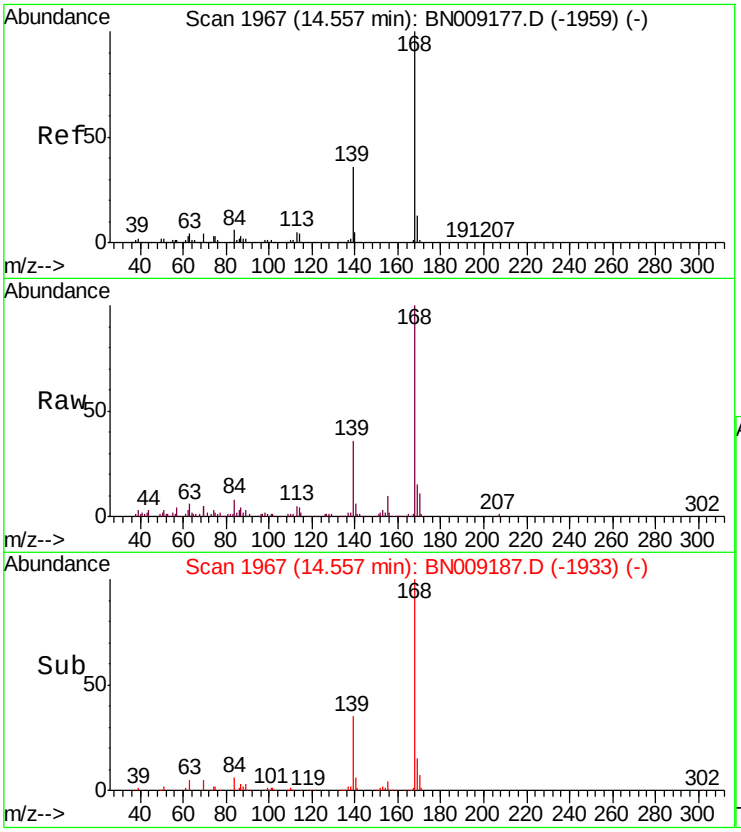


#49
Acenaphthene
Concen: 2.024 ng/ul
RT: 14.22 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:153 Resp: 116053

Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.8	56.8
154	86.9	71.3	106.9



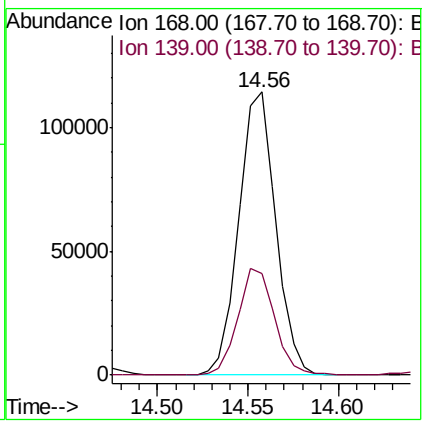


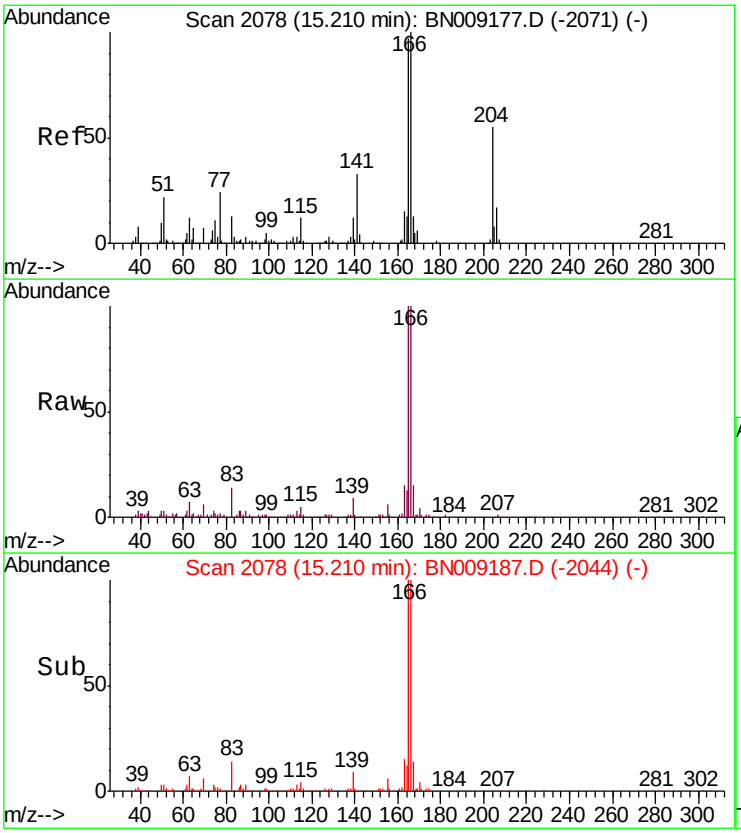
#53
Dibenzofuran
Concen: 2.008 ng/ul
RT: 14.56 min Scan# 1967
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:168 Resp: 161665

Ion	Ratio	Lower	Upper
168	100		
139	36.1	30.3	45.5

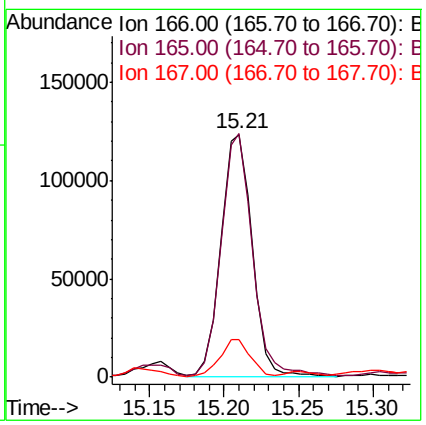


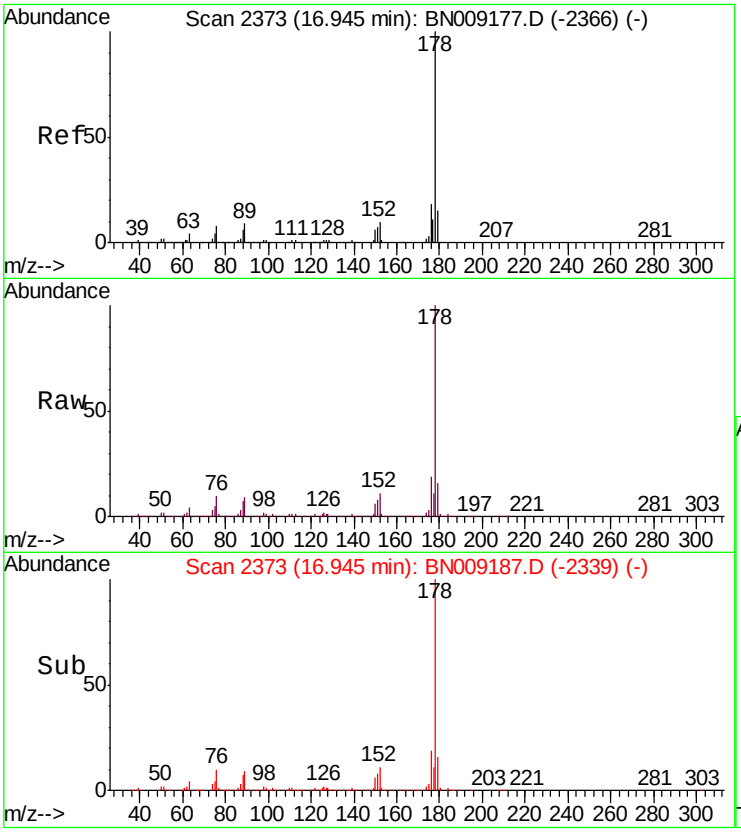


#58
Fluorene
Concen: 2.681 ng/ul
RT: 15.21 min Scan# 2078
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:166 Resp: 180389

Ion	Ratio	Lower	Upper
166	100		
165	100.2	75.3	112.9
167	15.3	10.6	16.0



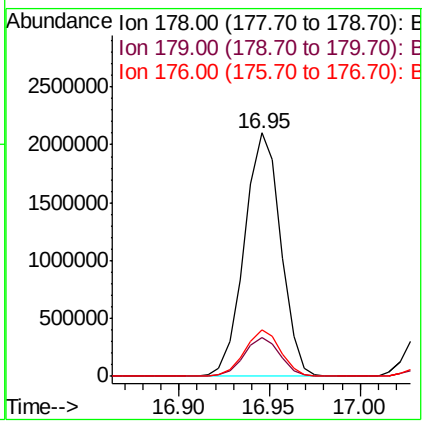


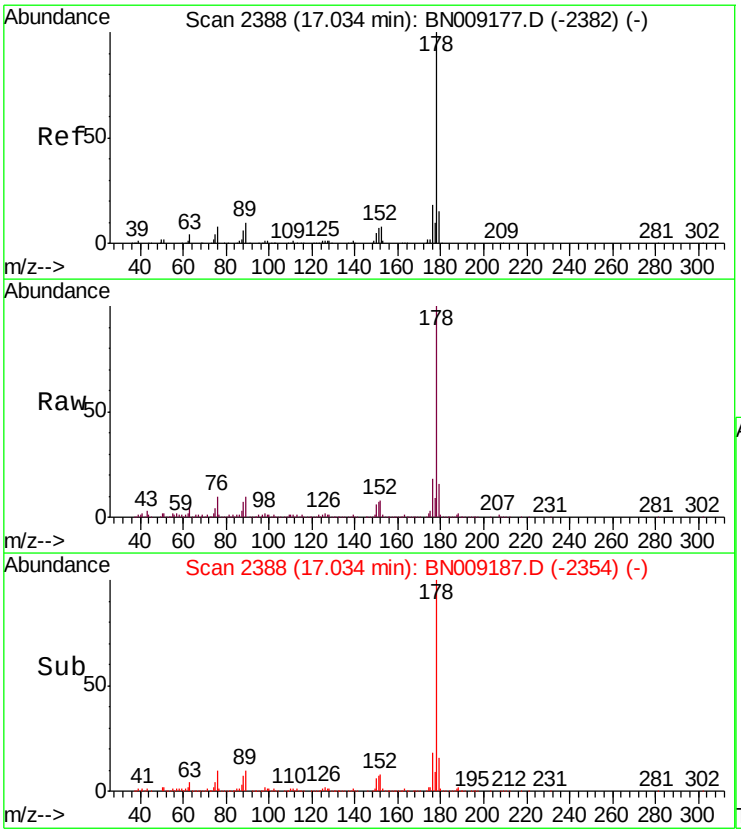
#69
Phenanthrene
Concen: 28.190 ng/ul
RT: 16.95 min Scan# 2373
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:178 Resp: 2933206

Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.0	15.2	22.8

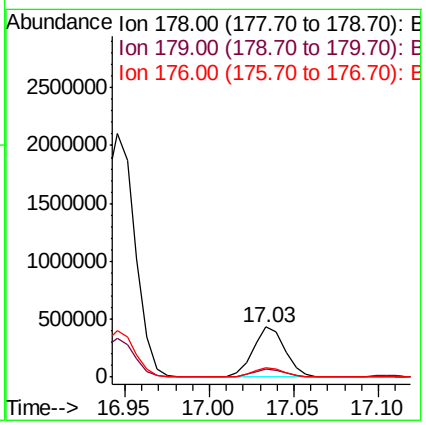


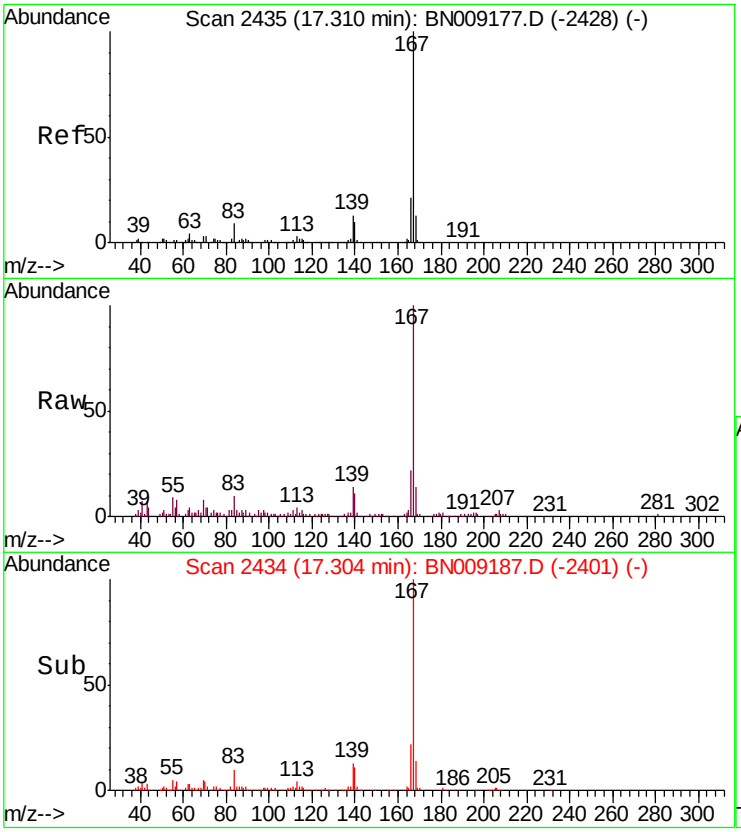


#71
Anthracene
Concen: 5.301 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:178 Resp: 567529

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.3	14.8	22.2



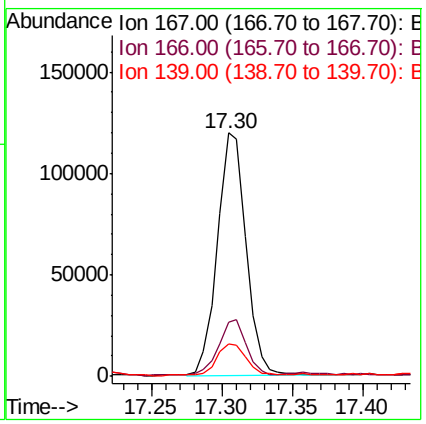


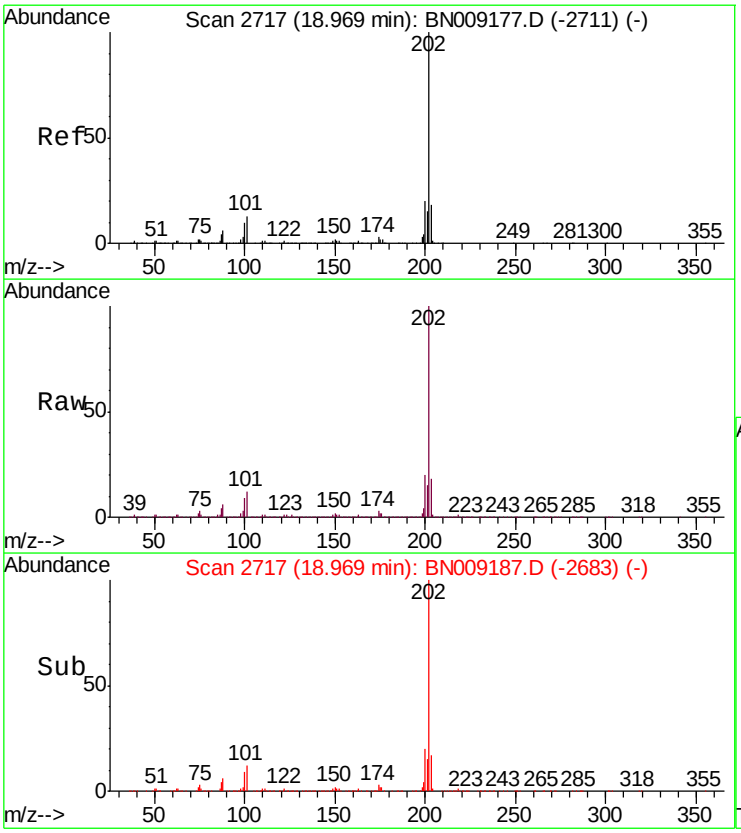
#74
Carbazole
Concen: 1.817 ng/ul
RT: 17.30 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:167 Resp: 168096

Ion	Ratio	Lower	Upper
167	100		
166	22.2	16.8	25.2
139	13.6	10.6	15.8

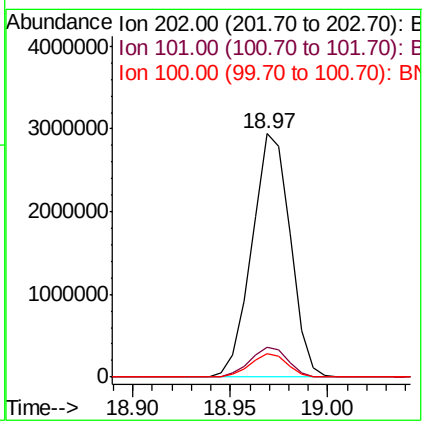


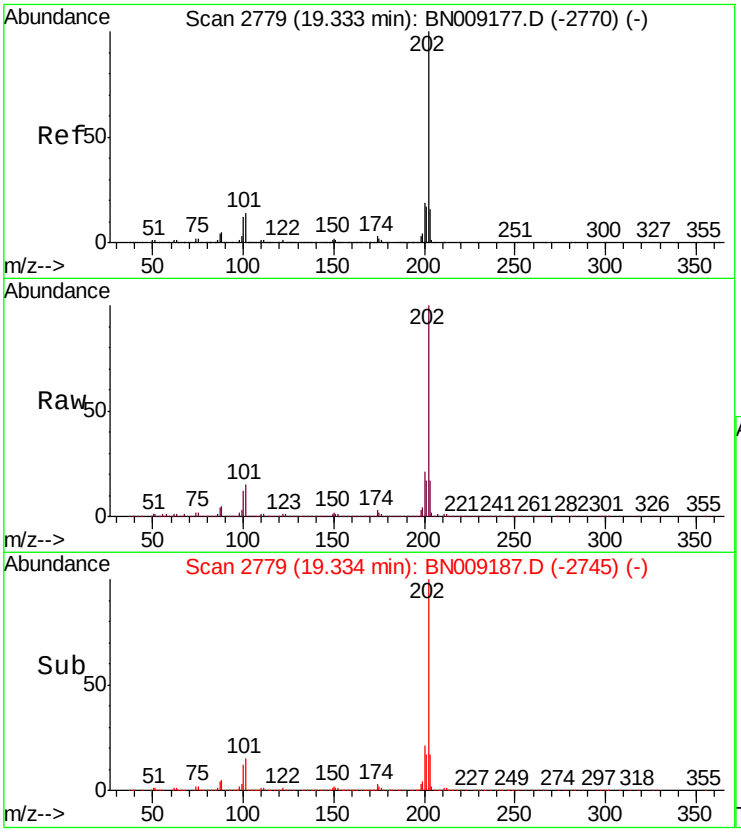


#76
Fluoranthene
Concen: 33.274 ng/ul
RT: 18.97 min Scan# 2717
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:202 Resp: 3998820

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	9.4	7.6	11.4



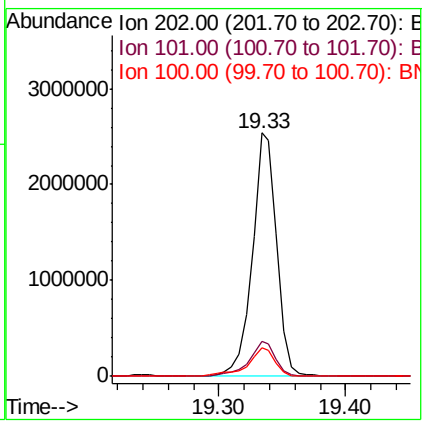


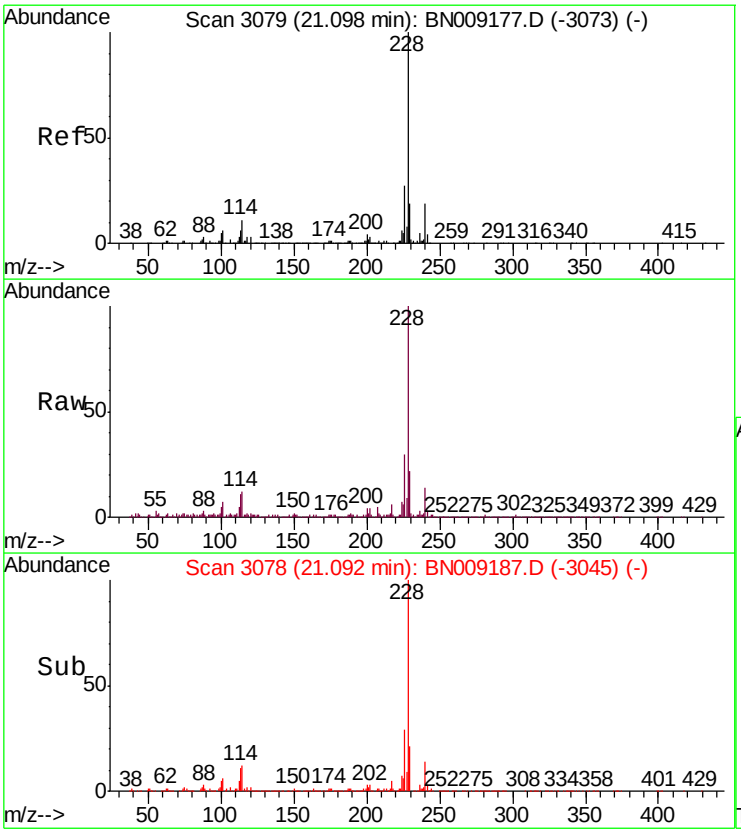
#79
Pyrene
Concen: 34.536 ng/ul
RT: 19.33 min Scan# 2779
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:202 Resp: 3377574

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.1	16.7
100	12.0	9.0	13.4

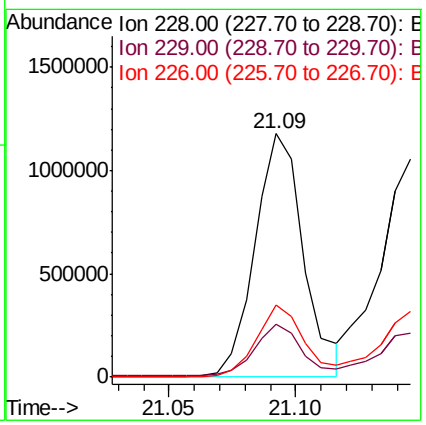


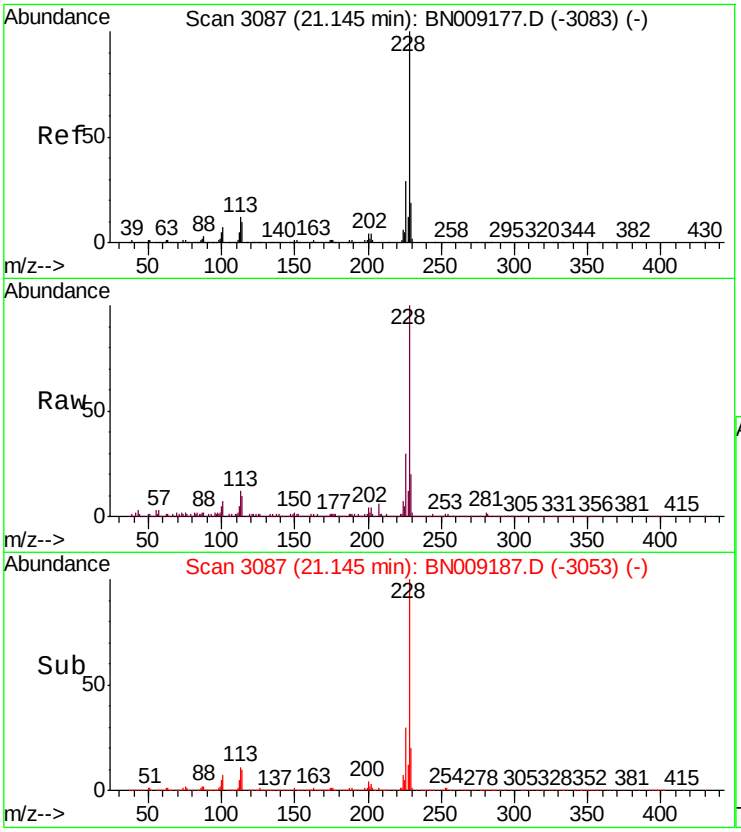


#82
Benzo(a)anthracene
Concen: 16.452 ng/ul
RT: 21.09 min Scan# 3078
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:228 Resp: 1567546

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.2	22.8
226	29.8	19.8	29.6#



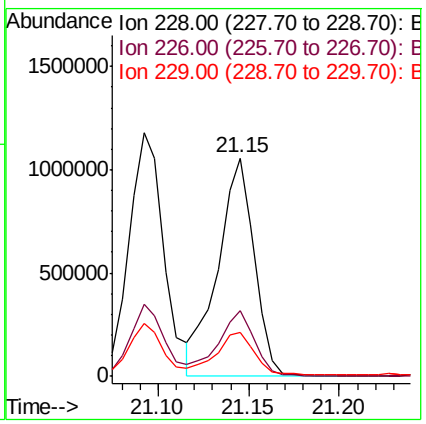


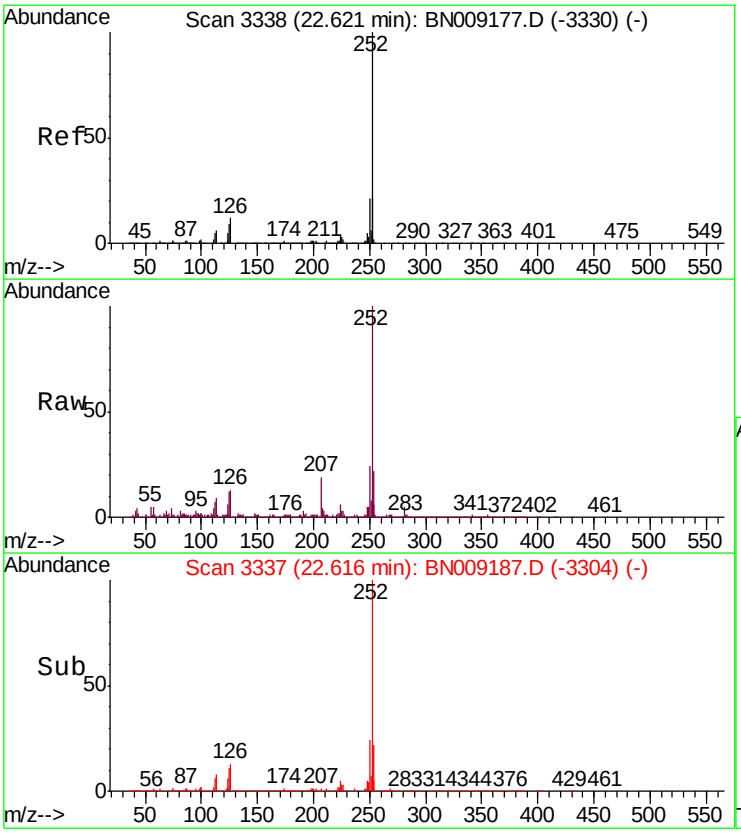
#84
Chrysene
Concen: 16.031 ng/ul
RT: 21.15 min Scan# 3087
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:228 Resp: 1467901

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.9	35.9
229	19.9	15.9	23.9

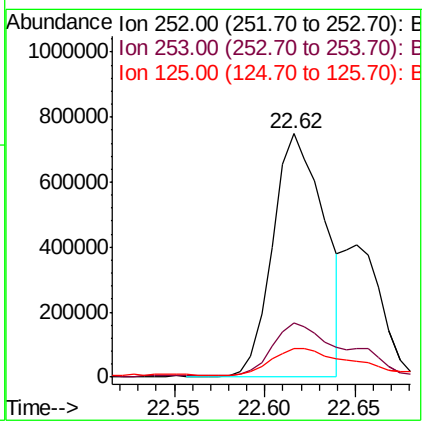


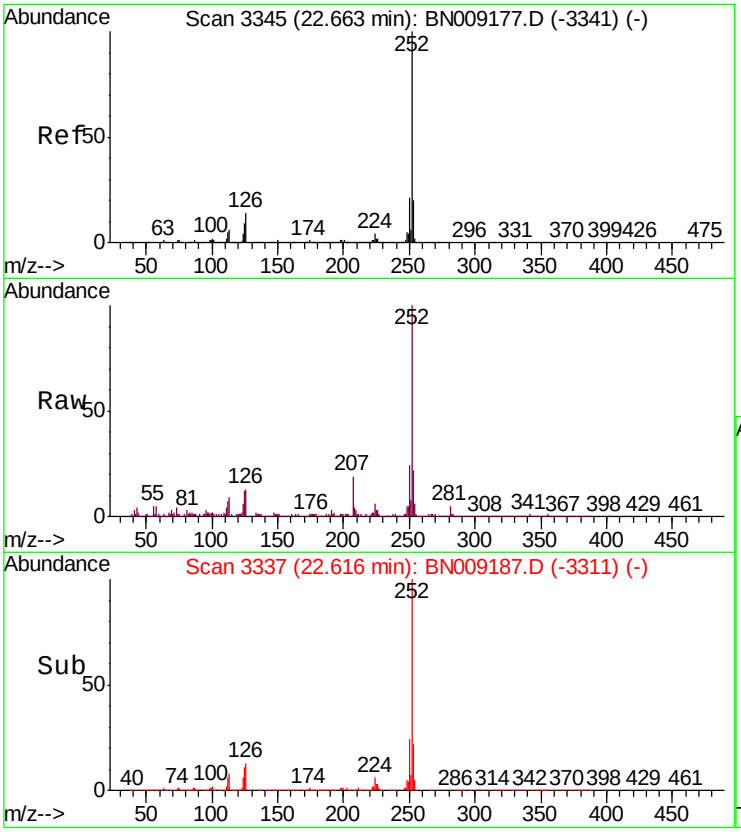


#87
Benzo(b)fluoranthene
Concen: 18.922 ng/ul
RT: 22.62 min Scan# 3337
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:252 Resp: 1478579

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.9	8.5	12.7



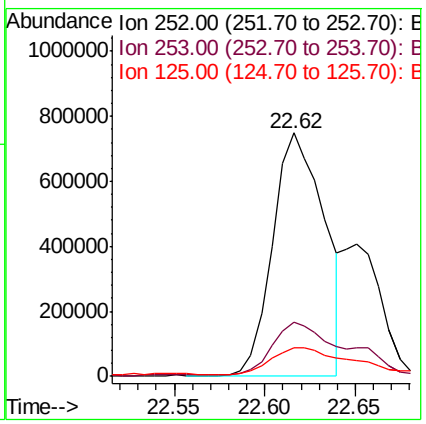


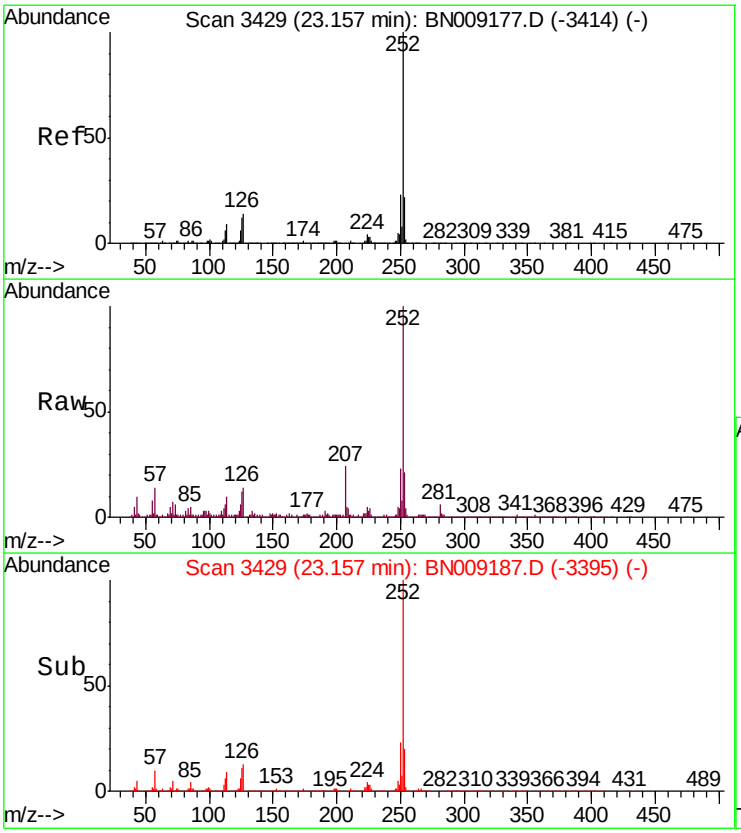
#88
Benzo(k)fluoranthene
Concen: 19.376 ng/ul
RT: 22.62 min Scan# 3337
Delta R.T. -0.05 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:252 Resp: 1478579

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	11.9	8.8	13.2

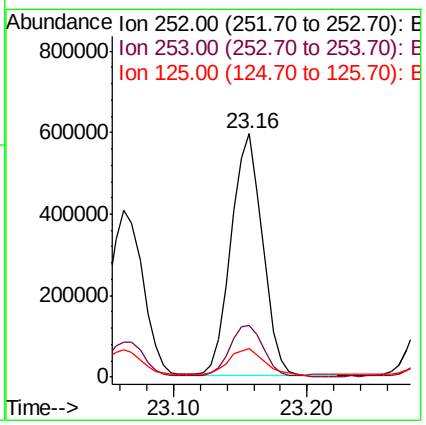


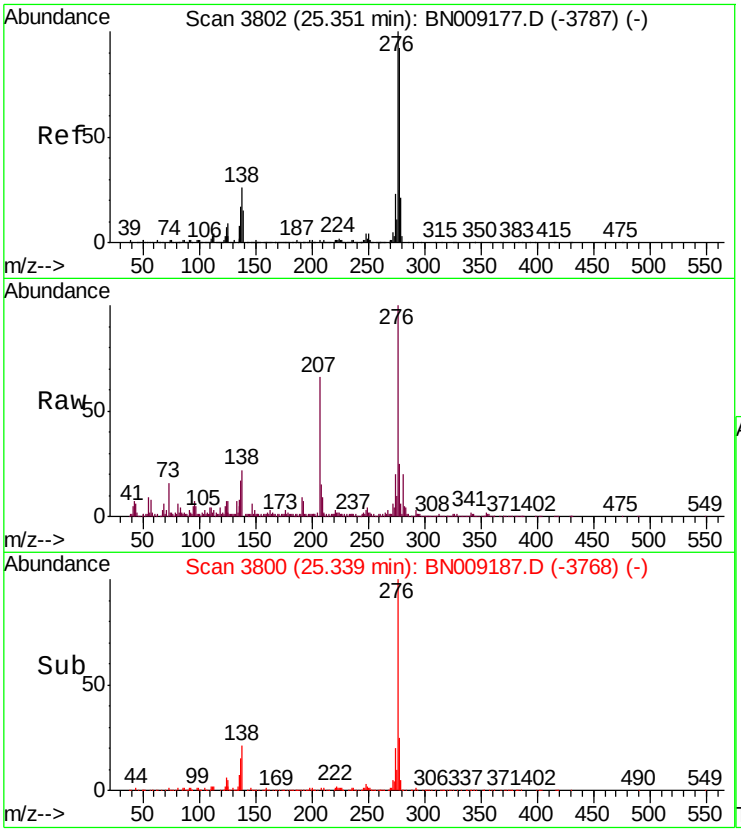


#90
Benzo(a)pyrene
Concen: 13.626 ng/ul
RT: 23.16 min Scan# 3429
Delta R.T. 0.00 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:252 Resp: 977651

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.7	26.5
125	12.0	9.5	14.3



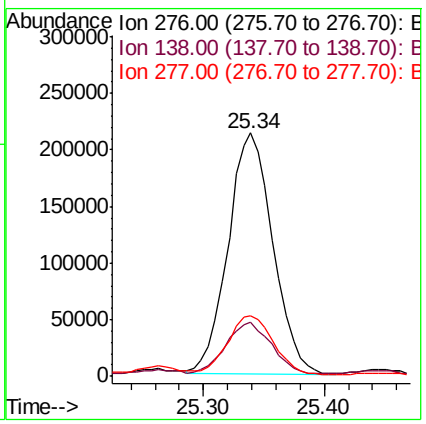


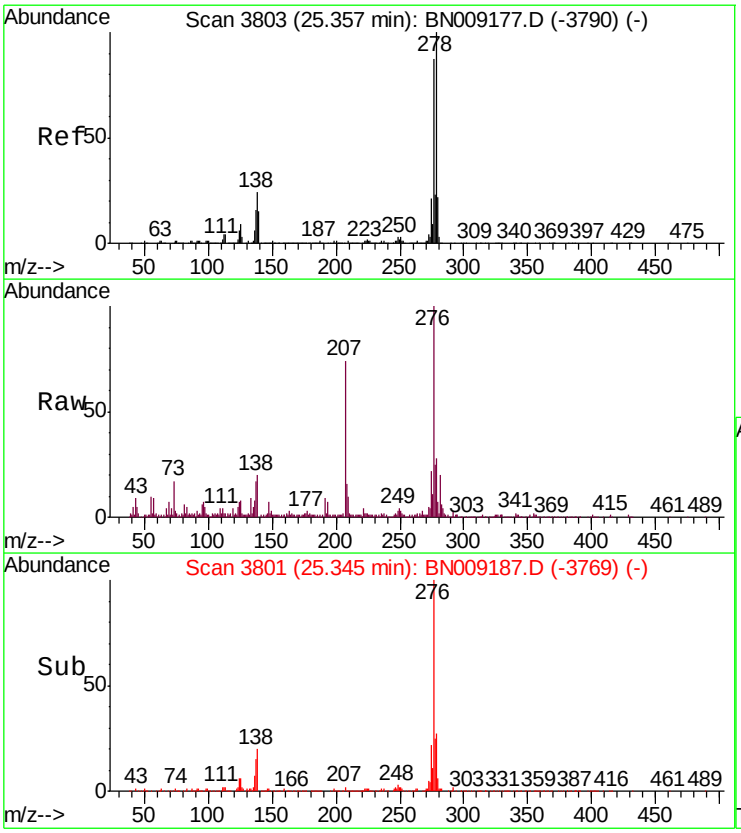
#91
Indeno(1,2,3-cd)pyrene
Concen: 6.332 ng/ul
RT: 25.34 min Scan# 3800
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:276 Resp: 550423

Ion	Ratio	Lower	Upper
276	100		
138	22.1	20.5	30.7
277	24.7	20.2	30.4

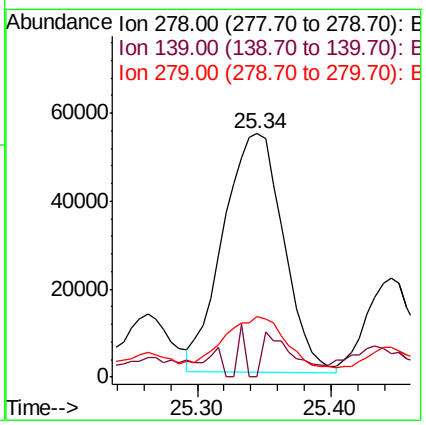


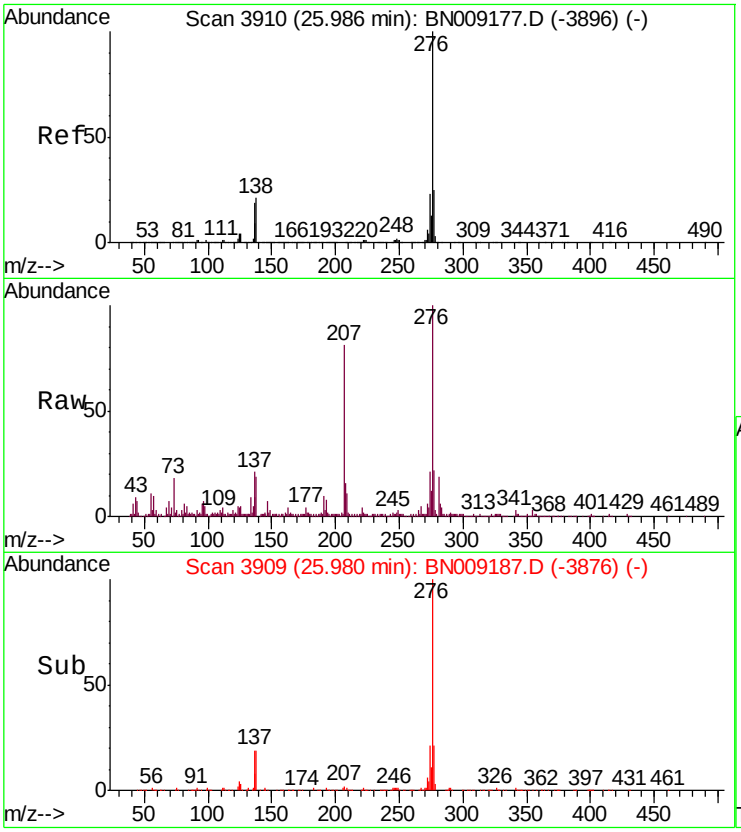


#92
Dibenzo(a,h)anthracene
Concen: 2.316 ng/ul
RT: 25.34 min Scan# 3801
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Tgt Ion:278 Resp: 169900

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.4	18.6#
279	24.7	19.0	28.6





#93
Benzo(g,h,i)perylene
Concen: 7.278 ng/ul
RT: 25.98 min Scan# 3909
Delta R.T. -0.01 min
Lab File: BN009187.D
Acq: 26 Dec 2019 23:52

Instrument :
BNA_N
ClientSampleId :
CB5S1

Tgt Ion:276 Resp: 529367

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.8	26.6
277	21.7	18.9	28.3