Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009635.D
Acq On : 07 Feb 2020 07:11
Operator : CG/JU
Sample : L1324-14 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT69

Quant Time: Feb 07 11:16:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	205196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	843516	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	510708	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1015086	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	869178	20.00	ng/ul	0.01
85) Perylene-d12	23.17	264	986498	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	303	0.06	ng/uL	0.02
5) Phenol-d5	6.65	99	16051	0.90	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	10321	0.86	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	13247	1.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	12757	0.90	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	5312	0.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	6442	0.92	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	12063	0.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	7513	0.53	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	41447	1.11	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	50295	1.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	424	0.06	ng/ul	0.00
57) Fluorene-d10	15.07	176	36988	1.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3467	0.55	ng/ul	0.01
70) Anthracene-d10	16.92	188	58975	1.28	ng/ul	0.00
78) Pyrene-d10	19.24	212	59316	1.30	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	57507	1.18	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.23	128	97309	2.13	ng/ul	97
47) Acenaphthylene	13.79	152	1727262	35.04	ng/ul	99
58) Fluorene	15.15	166	80090	2.05	ng/ul#	56
69) Phenanthrene	16.87	178	247420	4.27	ng/ul	99
71) Anthracene	16.96	178	876020	14.91	ng/ul	99
76) Fluoranthene	18.90	202	4608498	69.75	ng/ul	97
79) Pyrene	19.17	202	641234	10.11	ng/ul	96
82) Benzo(a)anthracene	21.09	228	3627118	60.44	ng/ul	92
84) Chrysene	21.09	228	3627118	60.71	ng/ul	97
87) Benzo(b)fluoranthene	22.56	252	3433108	55.62	ng/ul	98
88) Benzo(k)fluoranthene	22.56	252	3433108	56.48	ng/ul#	98
90) Benzo(a)pyrene	23.09	252	3376435	59.04	ng/ul	94
91) Indeno(1,2,3-cd)pyrene	25.24	276	1592911	23.43	ng/ul	96
92) Dibenzo(a,h)anthracene	25.23	278	556038	9.72	ng/ul#	80
93) Benzo(g,h,i)perylene	25.87	276	1642802	28.83	ng/ul	97

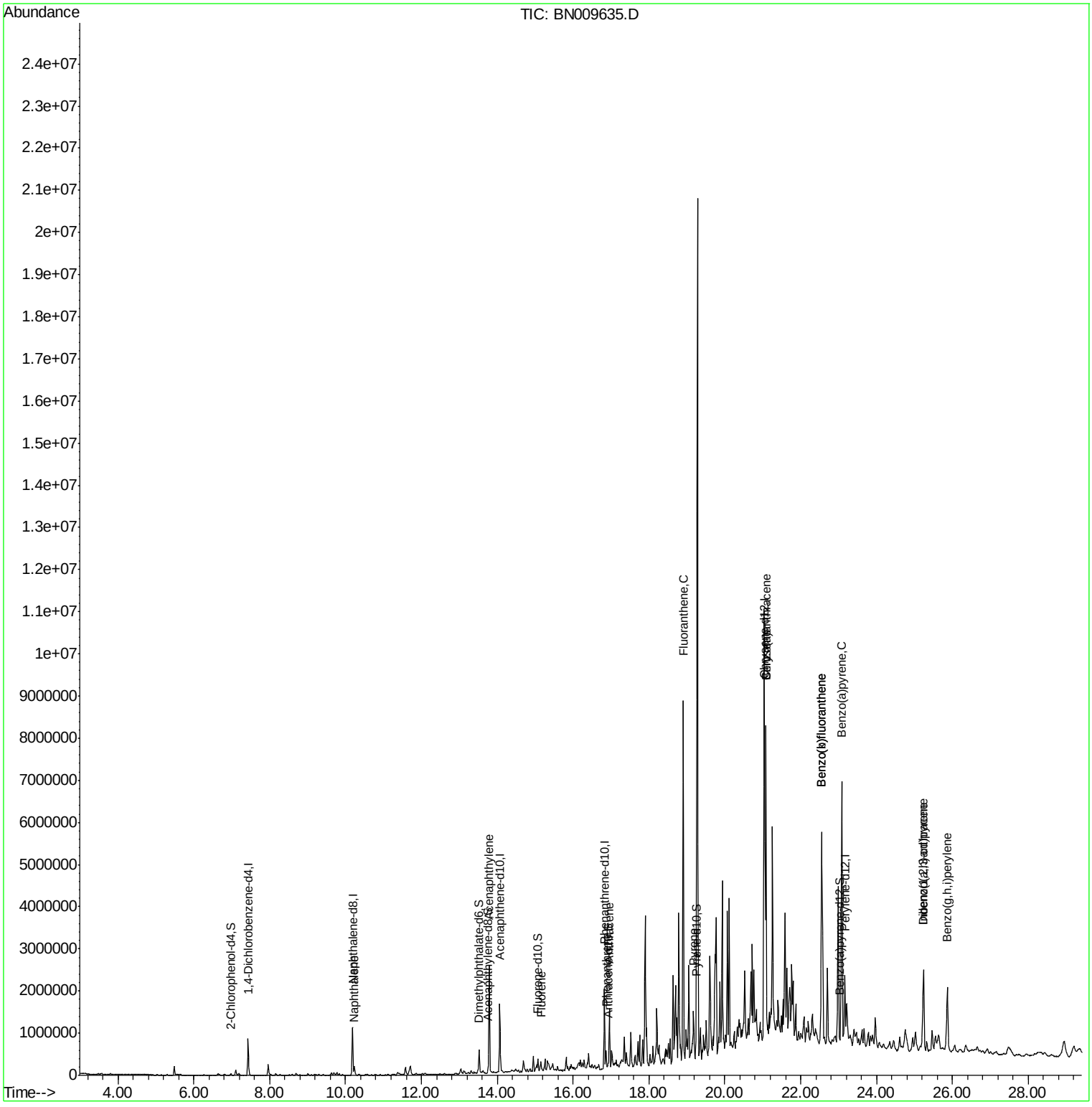
(#) = qualifier out of range (m) = manual integration (+) = signals summed

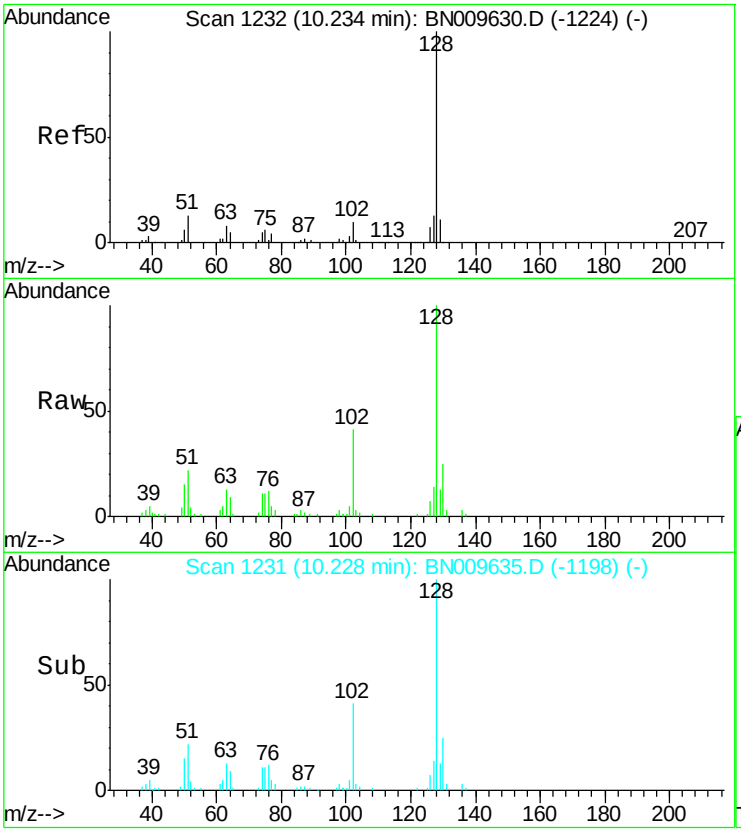
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009635.D
Acq On : 07 Feb 2020 07:11
Operator : CG/JU
Sample : L1324-14 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT69

Quant Time: Feb 07 11:16:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



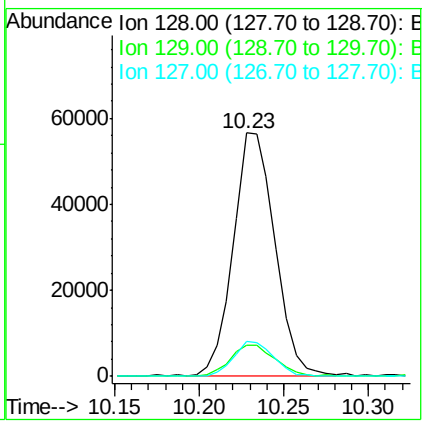


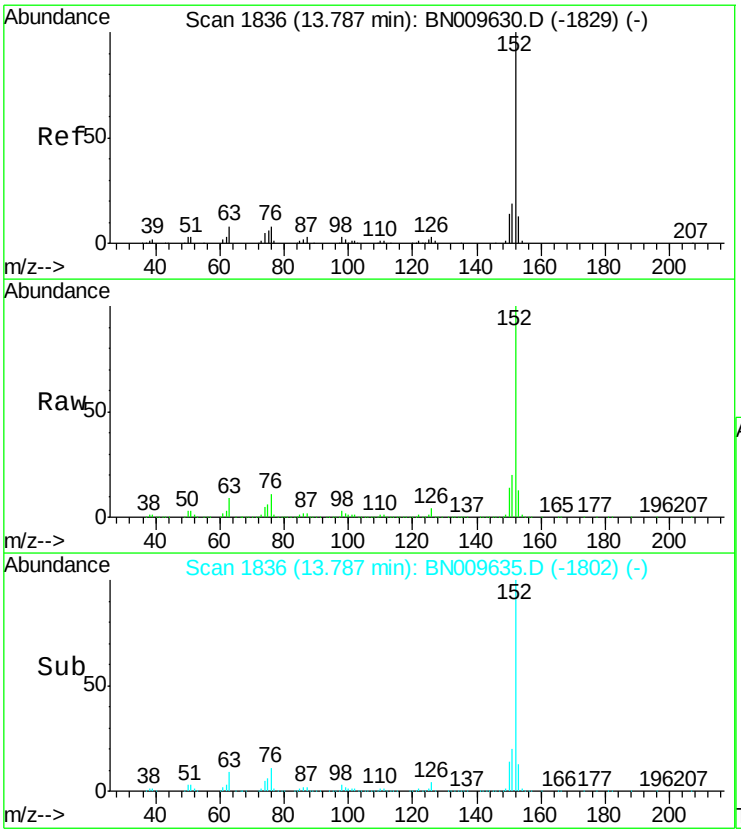
#28
Naphthalene
Concen: 2.13 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:128 Resp: 97309

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.7	13.1
127	14.3	10.7	16.1

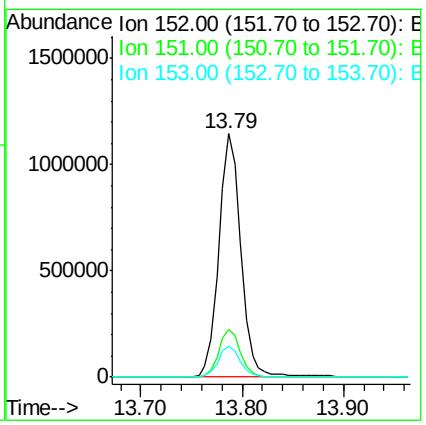


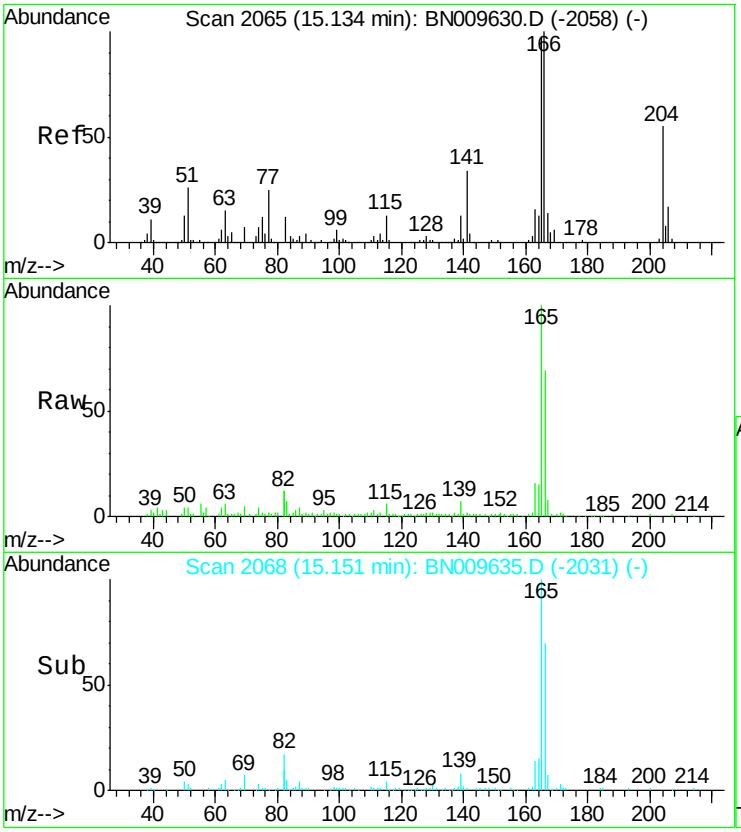


#47
Acenaphthylene
Concen: 35.04 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:152 Resp: 1727262

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.0	10.6	15.8



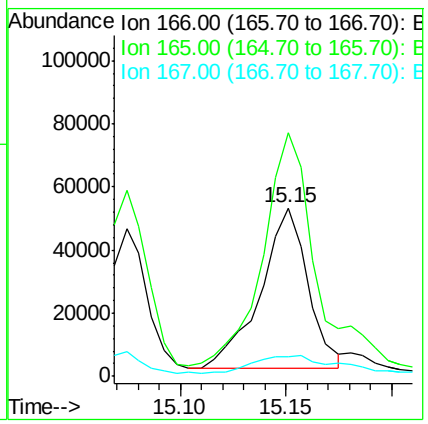


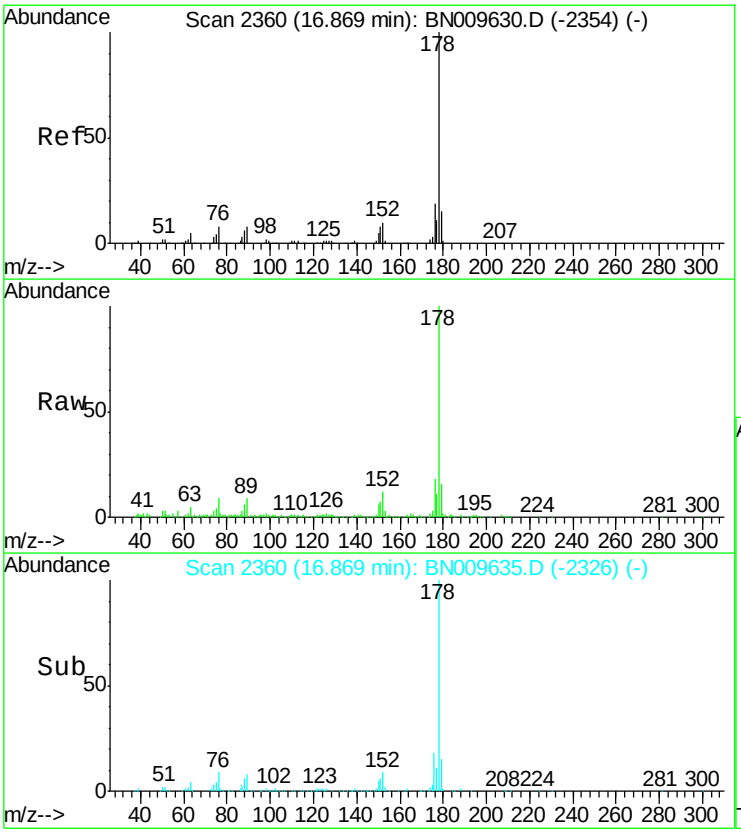
#58
Fluorene
Concen: 2.05 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:166 Resp: 80090

Ion	Ratio	Lower	Upper
166	100		
165	144.3	76.7	115.1#
167	11.7	11.1	16.7

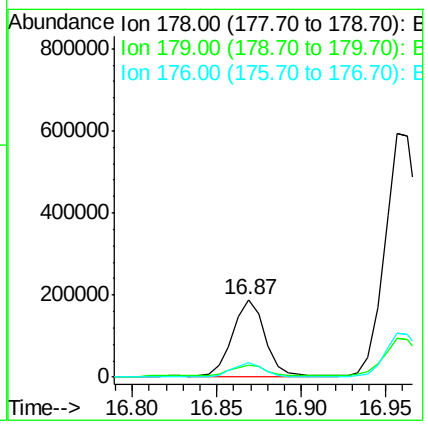


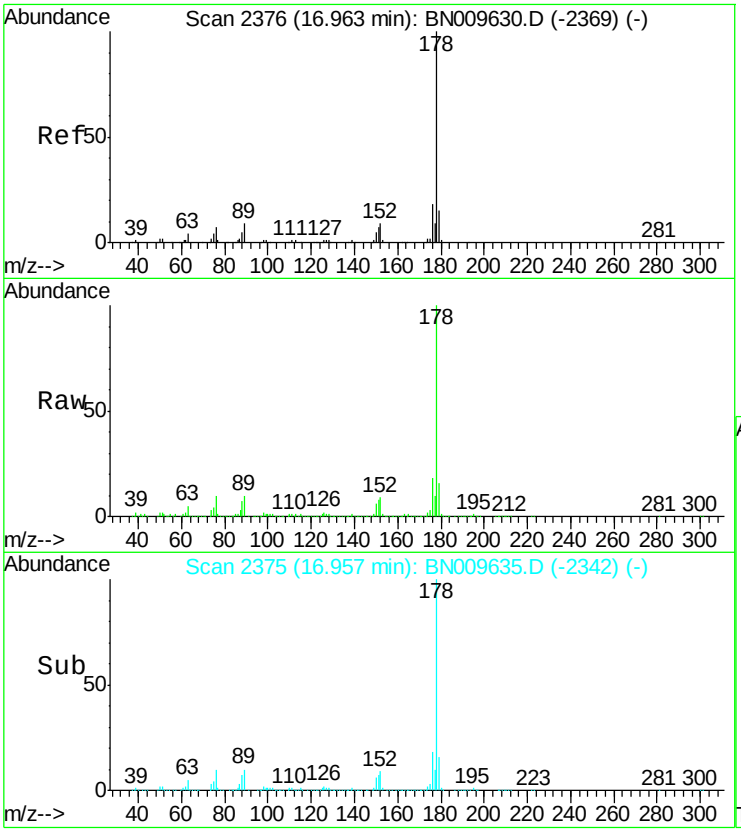


#69
Phenanthrene
Concen: 4.27 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:178 Resp: 247420

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.2
176	18.4	14.8	22.2



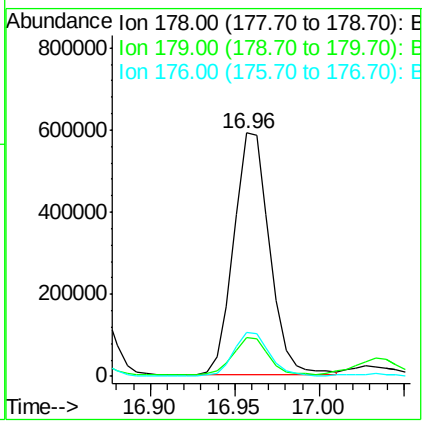


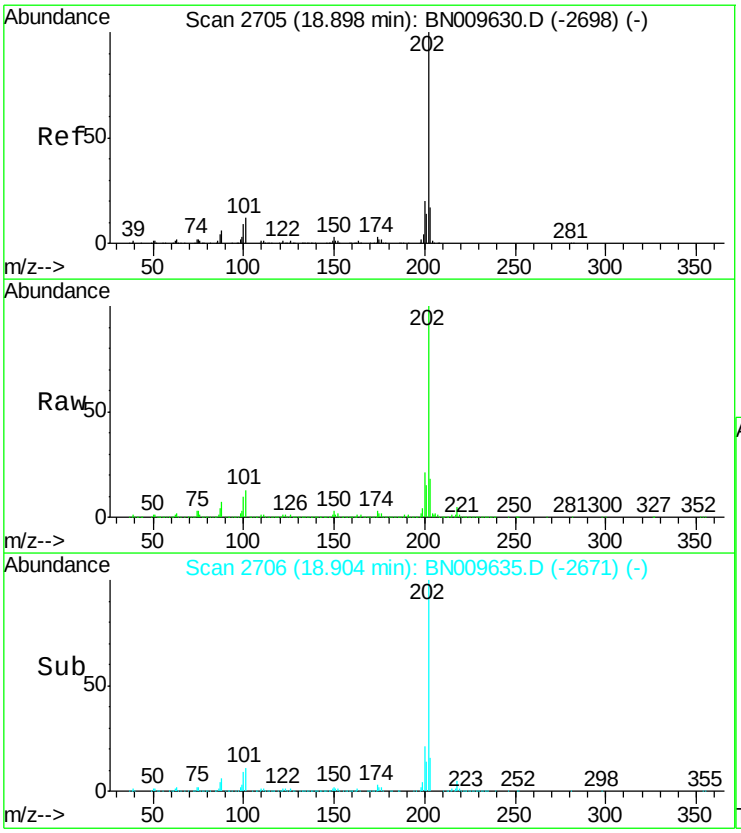
#71
Anthracene
Concen: 14.91 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:178 Resp: 876020

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.1	18.1
176	18.0	14.6	21.8

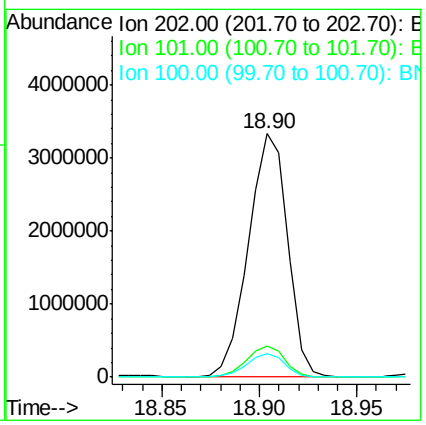


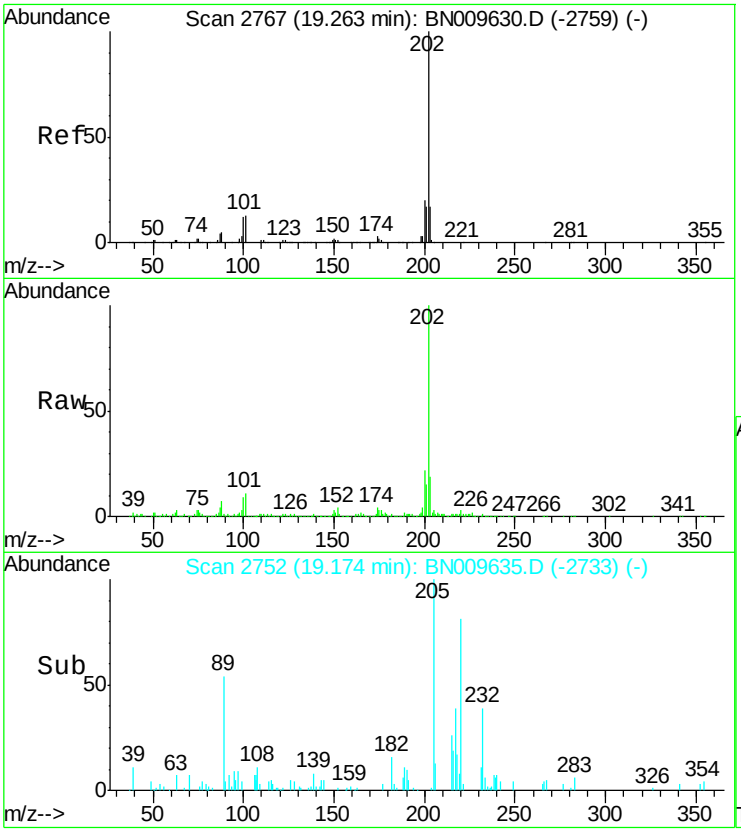


#76
Fluoranthene
Concen: 69.75 ng/ul
RT: 18.90 min Scan# 2706
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:202 Resp: 4608498

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.2	13.8
100	9.6	6.9	10.3



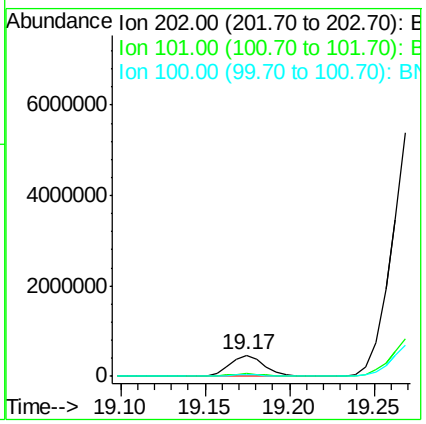


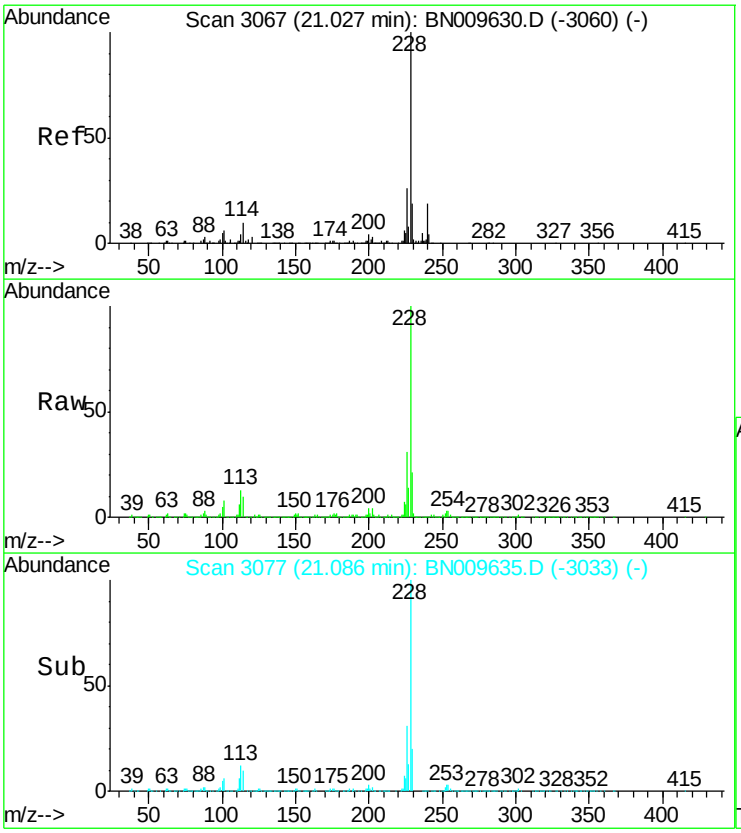
#79
Pyrene
Concen: 10.11 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.09 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:202 Resp: 641234

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.3	15.5
100	8.8	8.4	12.6

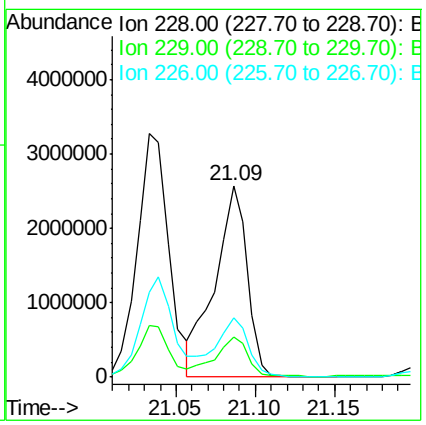


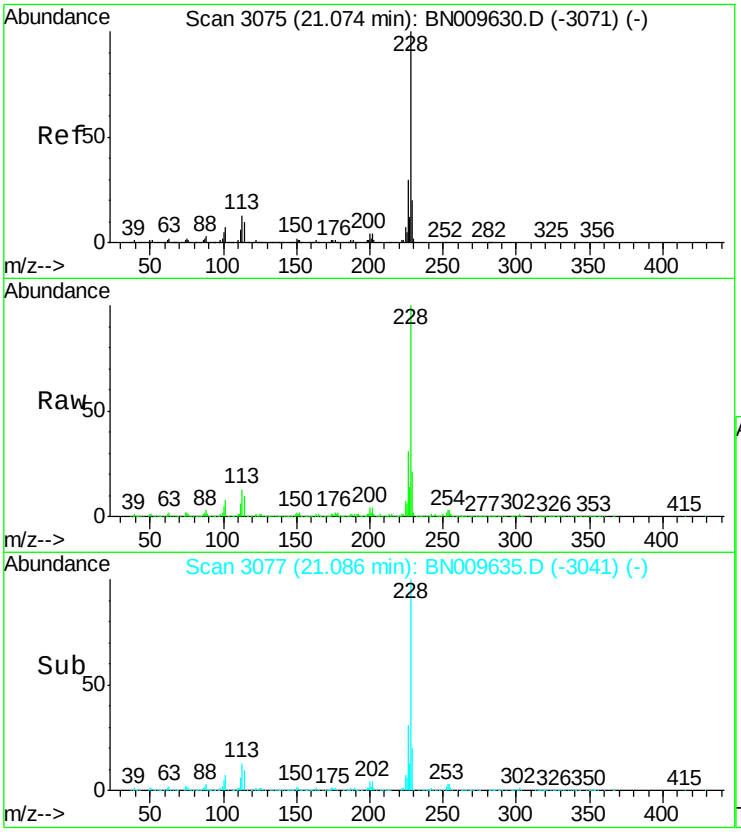


#82
Benzo(a)anthracene
Concen: 60.44 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.06 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:228 Resp: 3627118

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.0	22.4
226	31.3	20.9	31.3



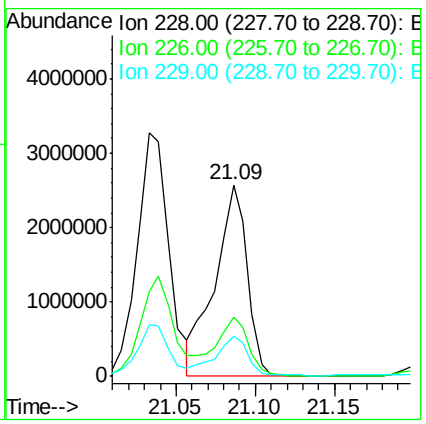


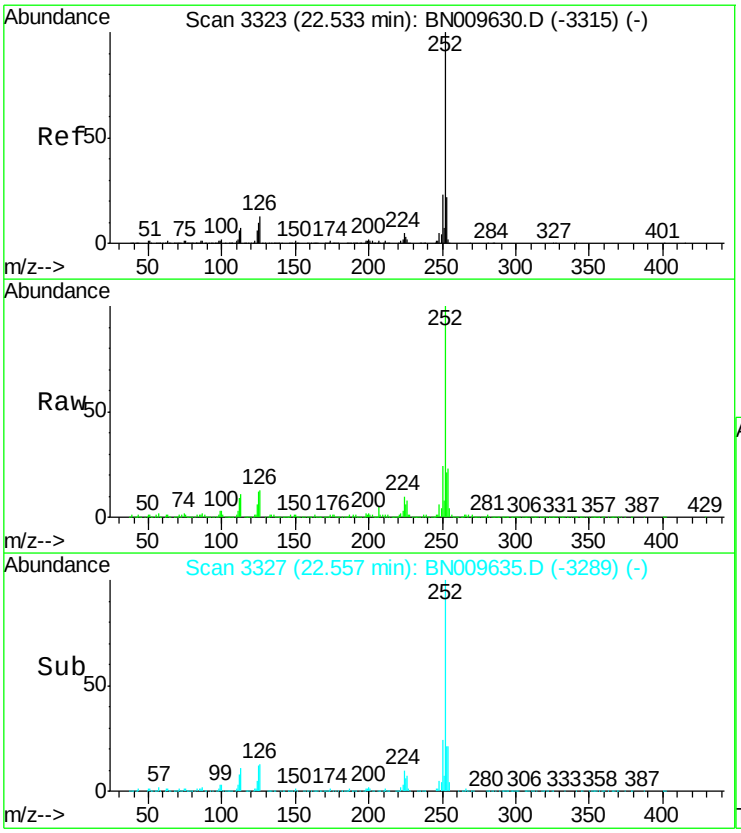
#84
Chrysene
Concen: 60.71 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:228 Resp: 3627118

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	21.0	15.8	23.8

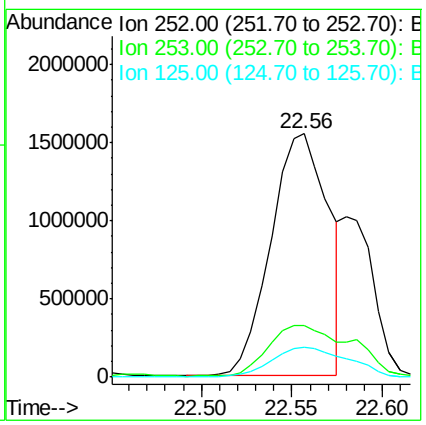


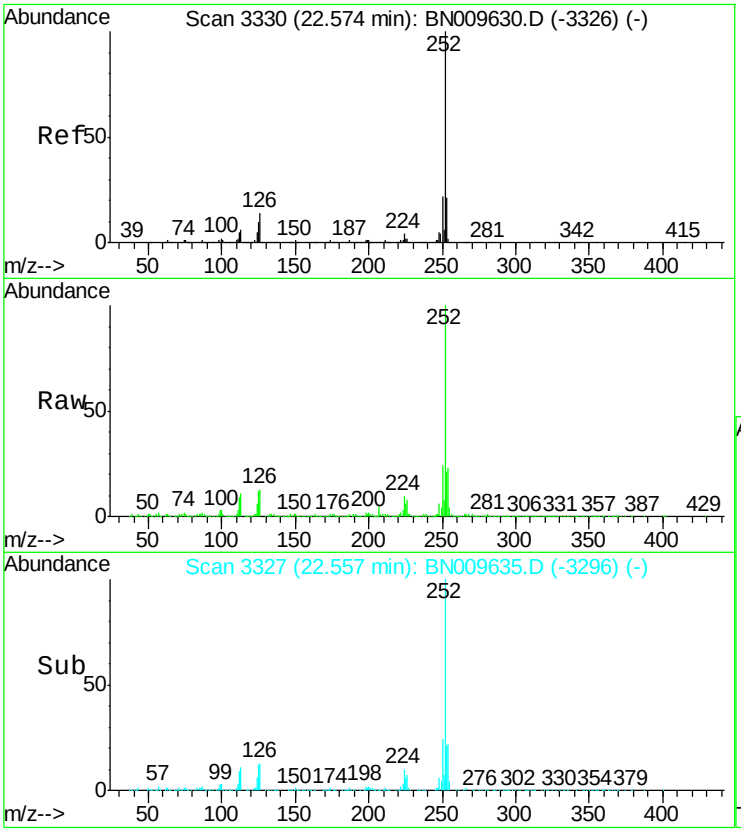


#87
Benzo(b)fluoranthene
Concen: 55.62 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:252 Resp: 3433108

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.6
125	12.2	8.2	12.2



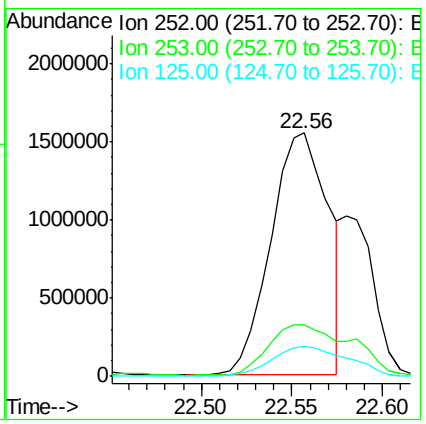


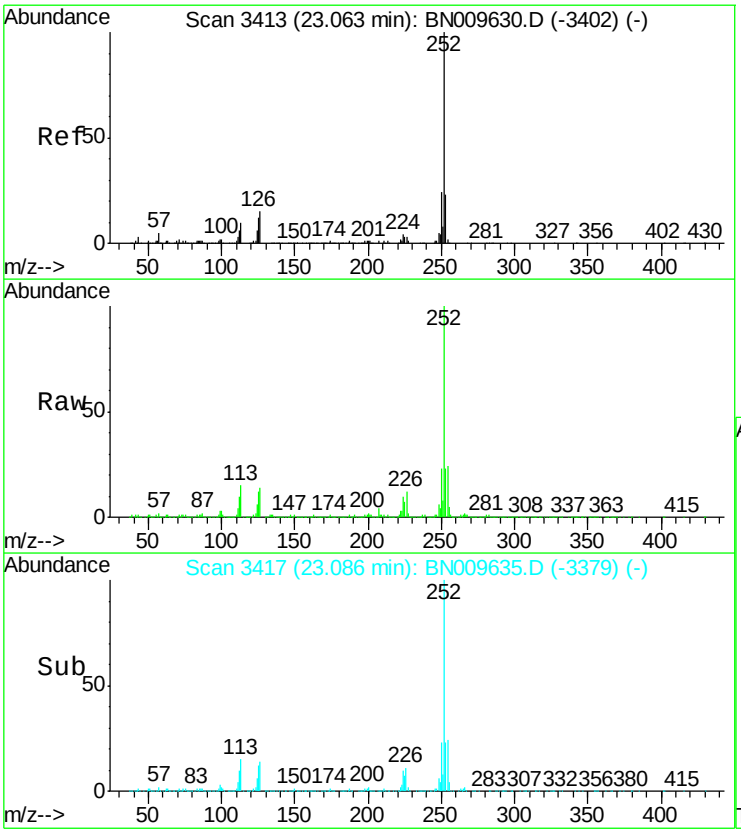
#88
Benzo(k)fluoranthene
Concen: 56.48 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. -0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:252 Resp: 3433108

Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.0	25.4
125	12.2	8.0	12.0#

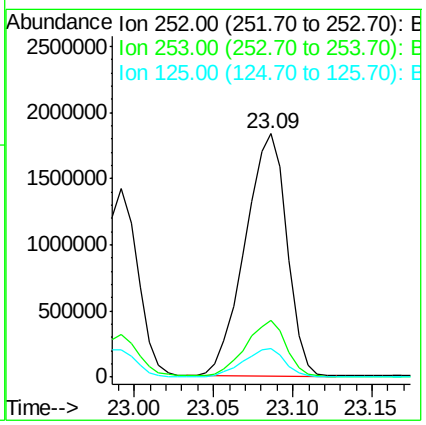


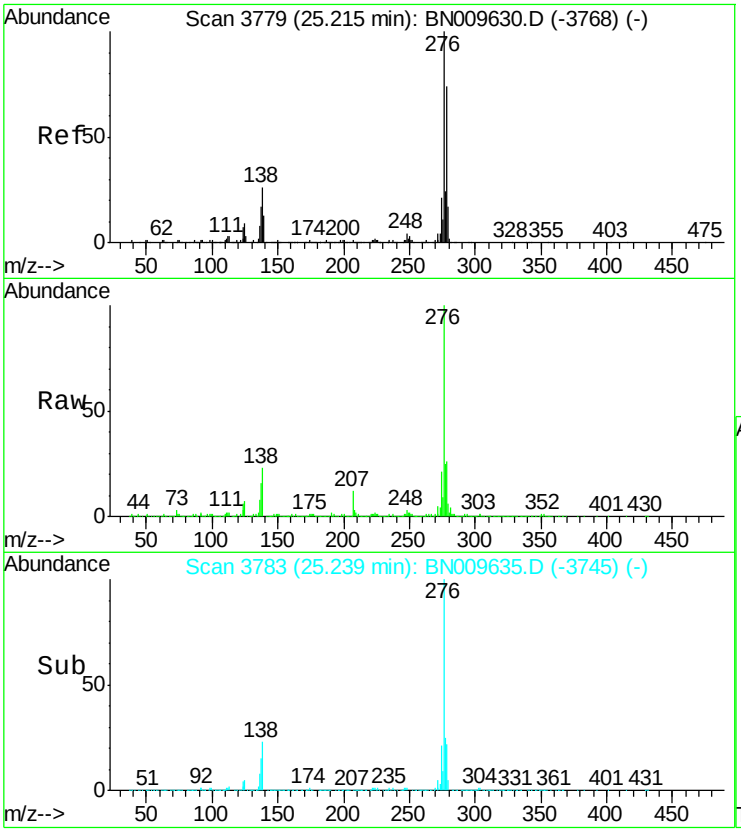


#90
Benzo(a)pyrene
Concen: 59.04 ng/ul
RT: 23.09 min Scan# 3417
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:252 Resp: 3376435

Ion	Ratio	Lower	Upper
252	100		
253	23.2	15.8	23.8
125	11.7	8.7	13.1



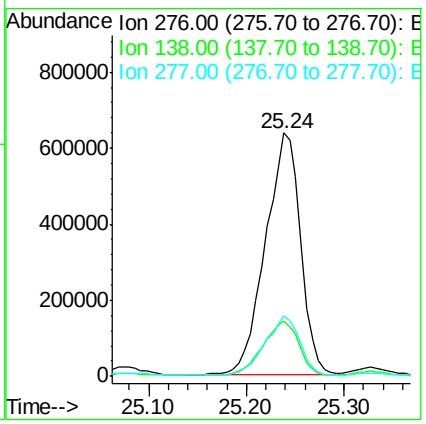


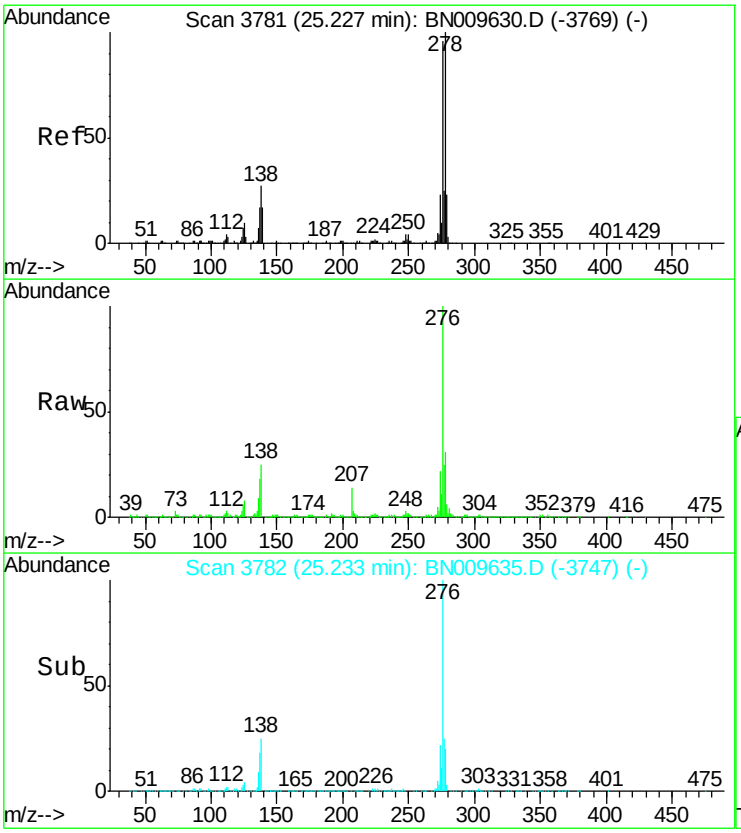
#91
Indeno(1,2,3-cd)pyrene
Concen: 23.43 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:276 Resp: 1592911

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	24.8	21.2	31.8

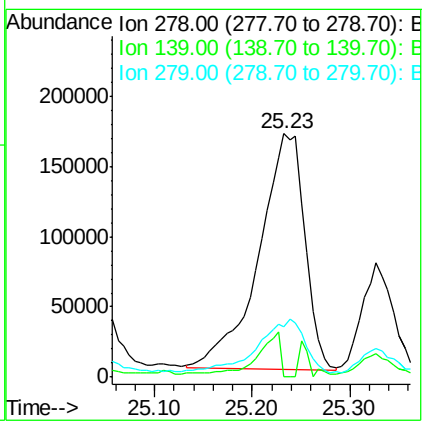


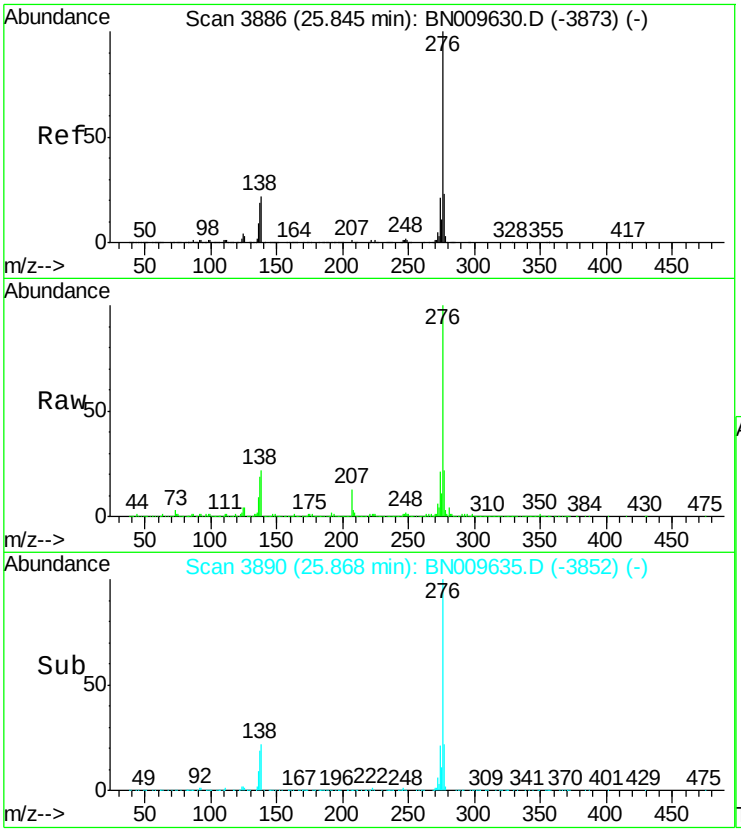


#92
Dibenzo(a,h)anthracene
Concen: 9.72 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. 0.01 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Tgt Ion:278 Resp: 556038

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	20.5	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 28.83 ng/ul
RT: 25.87 min Scan# 3890
Delta R.T. 0.02 min
Lab File: BN009635.D
Acq: 07 Feb 2020 07:11

Instrument :
BNA_N
ClientSampleId :
GAT69

Tgt Ion:276 Resp: 1642802

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.0	24.0
277	22.3	17.0	25.6