Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009675.D
Acq On : 08 Feb 2020 08:58
Operator : CG/JU
Sample : L1401-19
Misc :
ALS Vial : 70 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 10 02:42:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	142063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	598832	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	375647	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	804395	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	768685	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	773543	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	10422	3.01	ng/uL	0.00
5) Phenol-d5	6.63	99	202443	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	143089	17.19	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	160582	17.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	160555	16.27	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	78686	17.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	86045	17.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	158813	17.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	210344	21.01	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	503335	18.35	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	601045	18.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	68102	13.15	ng/ul	0.00
57) Fluorene-d10	15.07	176	436809	18.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	61594	12.26	ng/ul	0.00
70) Anthracene-d10	16.92	188	661871	18.11	ng/ul	0.00
78) Pyrene-d10	19.23	212	757003	18.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	758420	19.91	ng/ul	0.00
Target Compounds						Qvalue
69) Phenanthrene	16.86	178	237744	5.183	ng/ul	97
71) Anthracene	16.96	178	56021	1.204	ng/ul	97
76) Fluoranthene	18.89	202	449507	8.585	ng/ul	98
79) Pyrene	19.26	202	409176	7.292	ng/ul	98
82) Benzo(a)anthracene	21.02	228	234347	4.416	ng/ul	96
84) Chrysene	21.07	228	211974	4.012	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	286945	5.929	ng/ul	98
88) Benzo(k)fluoranthene	22.53	252	286945	6.020	ng/ul	98
90) Benzo(a)pyrene	23.06	252	180623	4.028	ng/ul#	94
91) Indeno(1,2,3-cd)pyrene	25.22	276	104387	1.958	ng/ul	94
93) Benzo(g,h,i)perylene	25.84	276	101260	2.266	ng/ul#	92

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

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Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
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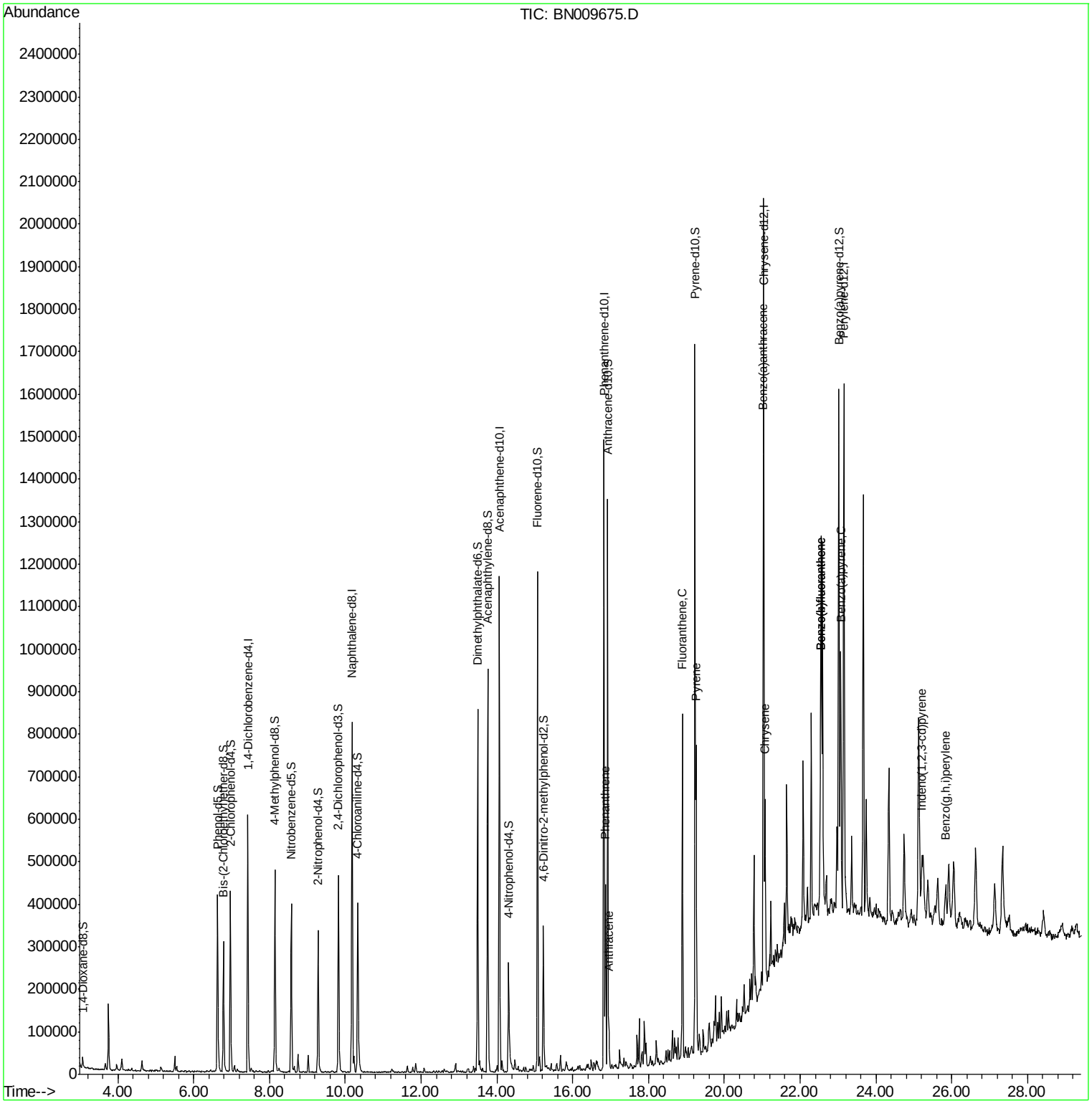
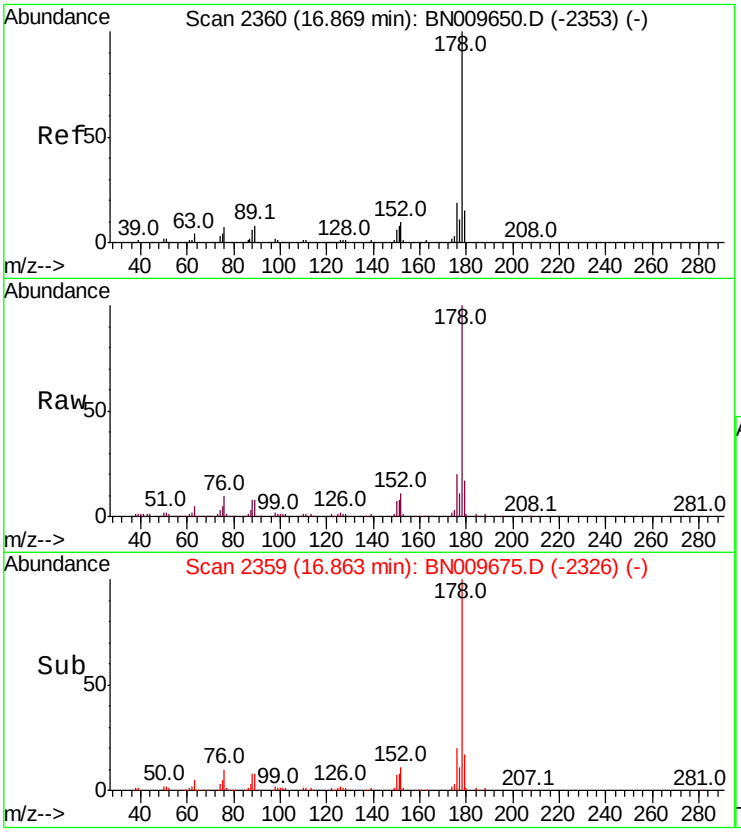


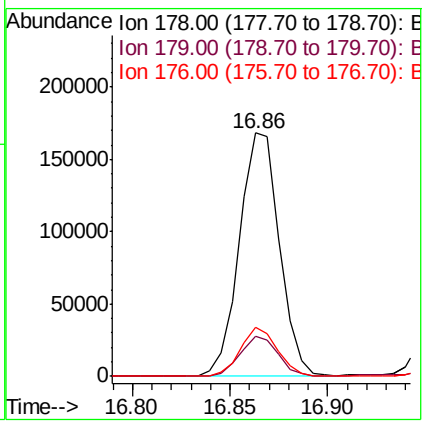


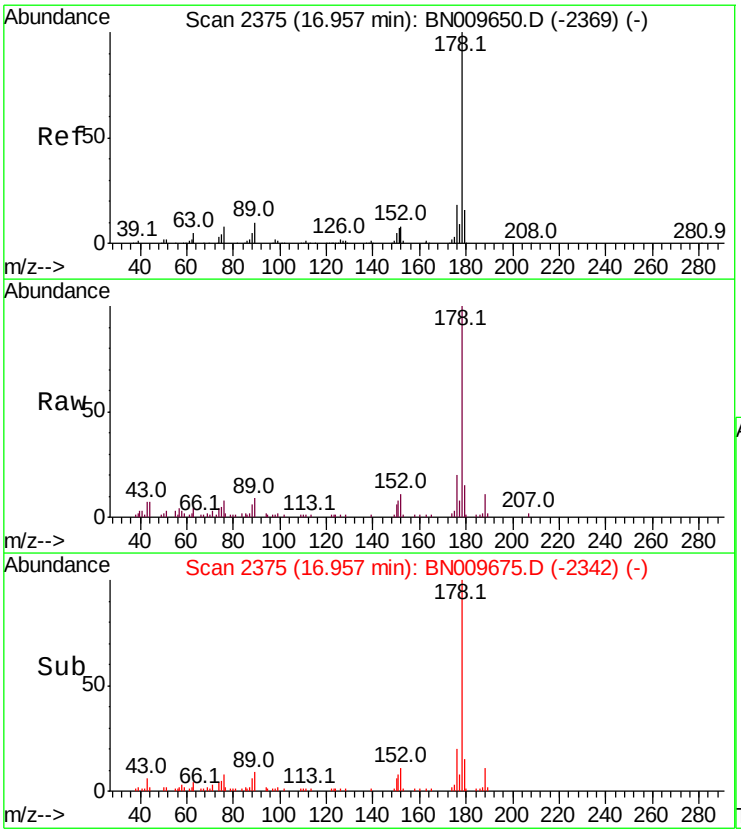
#69
Phenanthrene
Concen: 5.183 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 237744

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.2	18.2
176	19.9	14.8	22.2

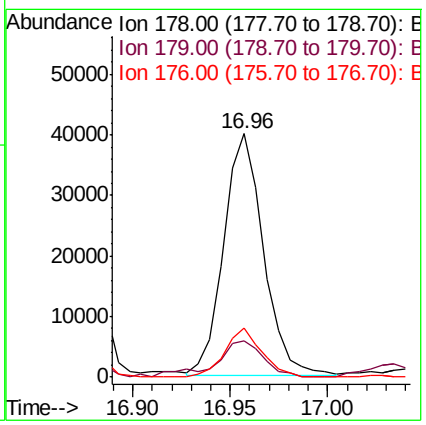


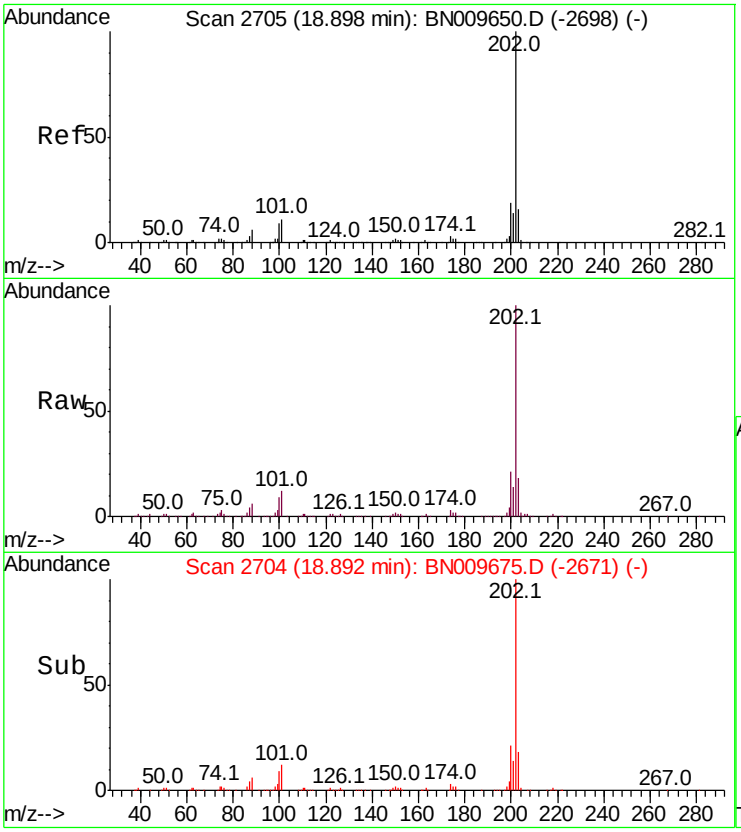


#71
Anthracene
Concen: 1.204 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Tgt Ion:178 Resp: 56021

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.1	18.1
176	19.9	14.6	21.8



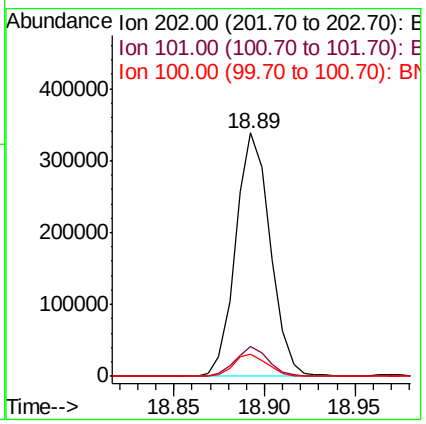


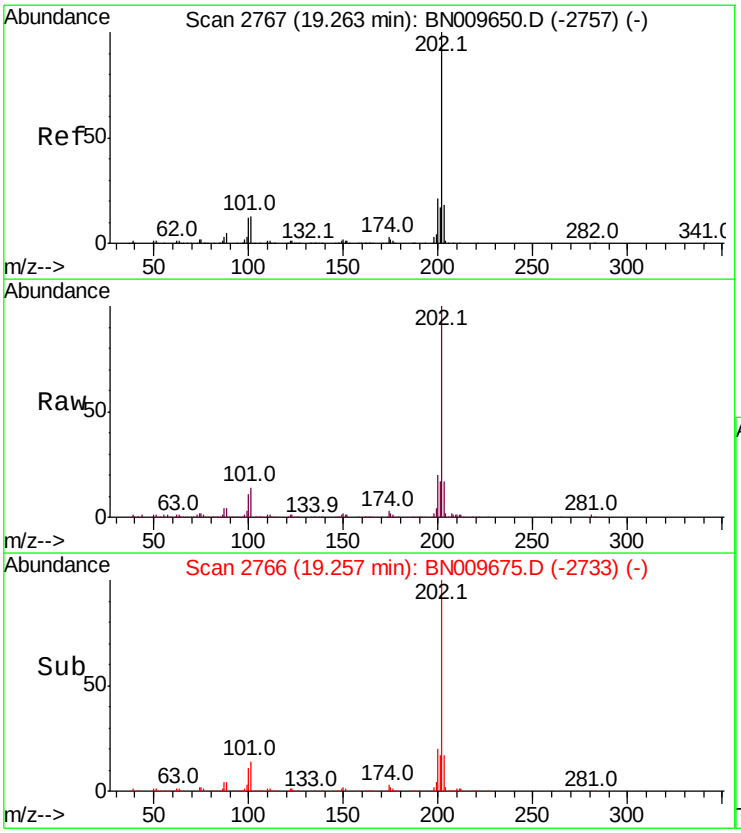
#76
Fluoranthene
Concen: 8.585 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 449507

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.2	13.8
100	9.2	6.9	10.3

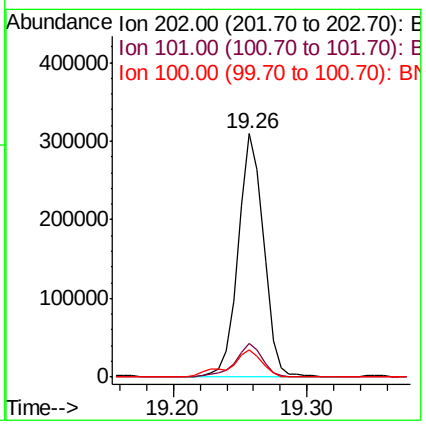


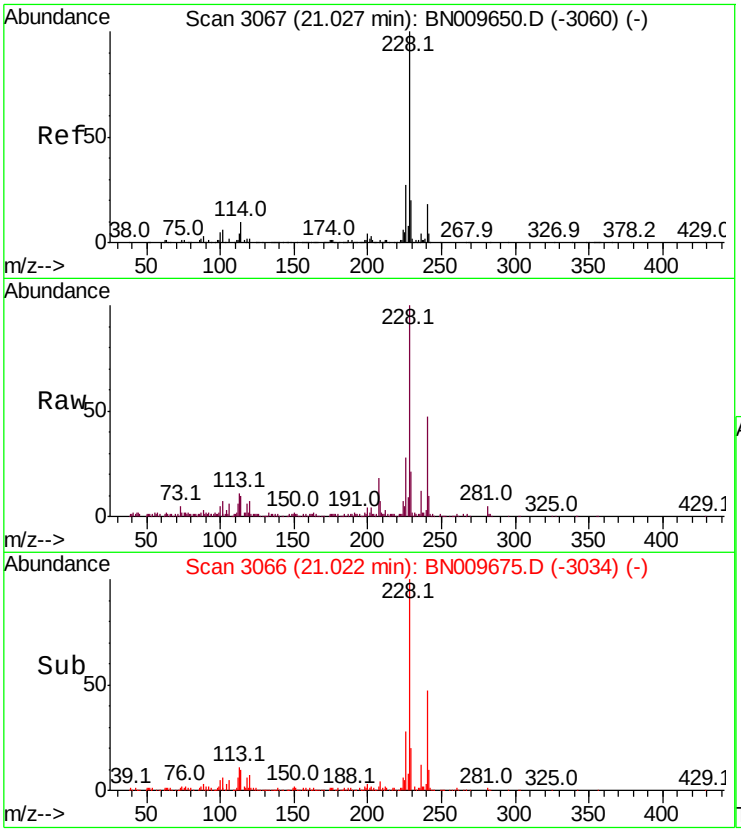


#79
Pyrene
Concen: 7.292 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Tgt Ion:202 Resp: 409176

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	11.3	8.4	12.6



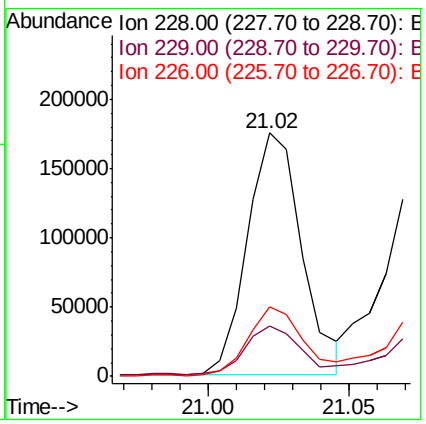


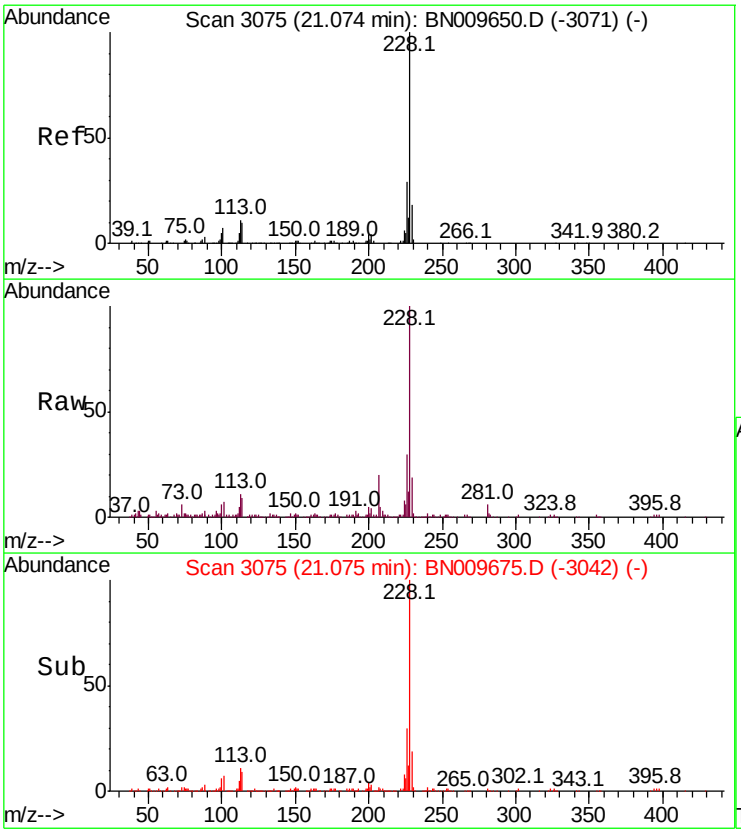
#82
Benzo(a)anthracene
Concen: 4.416 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 234347

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.0	22.4
226	28.5	20.9	31.3

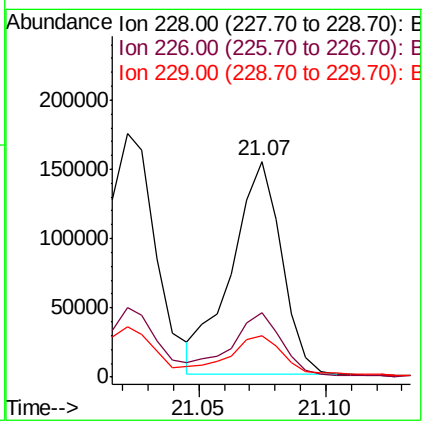


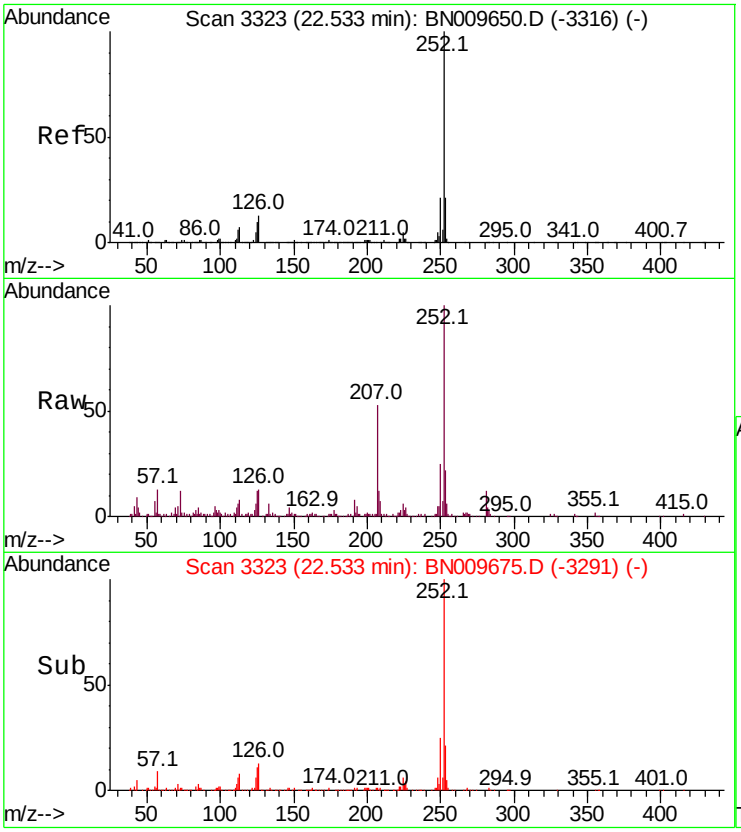


#84
Chrysene
Concen: 4.012 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Tgt Ion:228 Resp: 211974

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	19.1	15.8	23.8



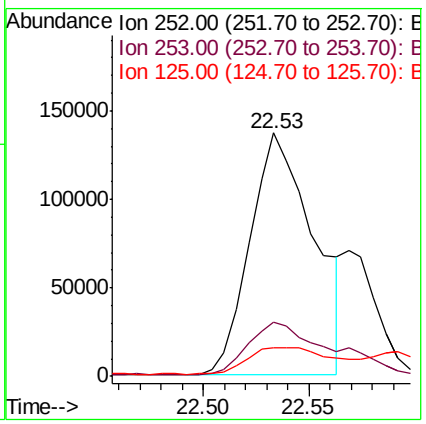


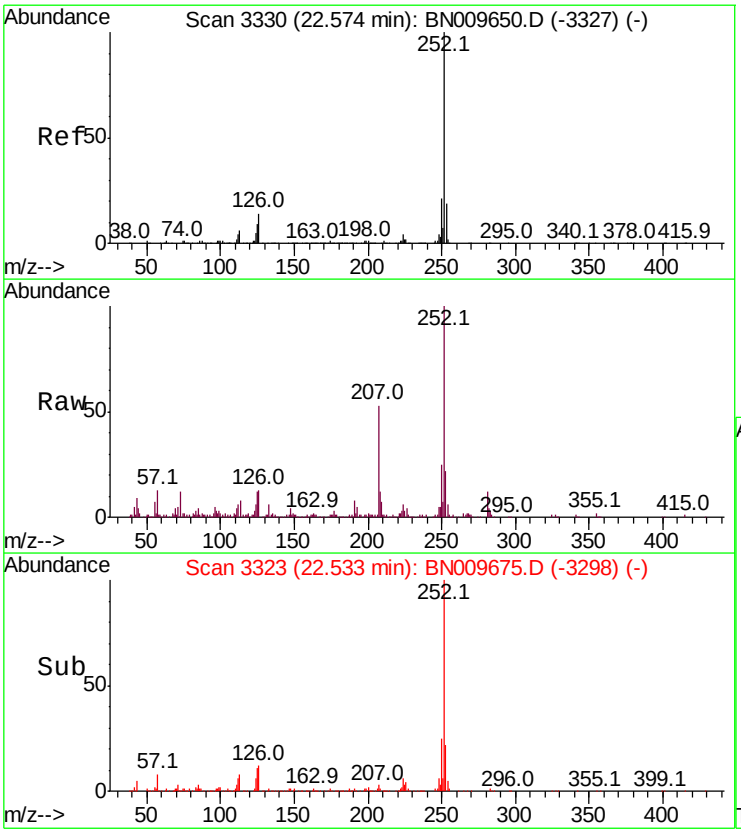
#87
Benzo(b)fluoranthene
Concen: 5.929 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 286945

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	11.5	8.2	12.2

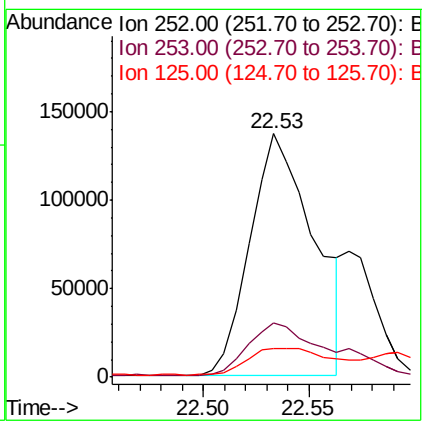


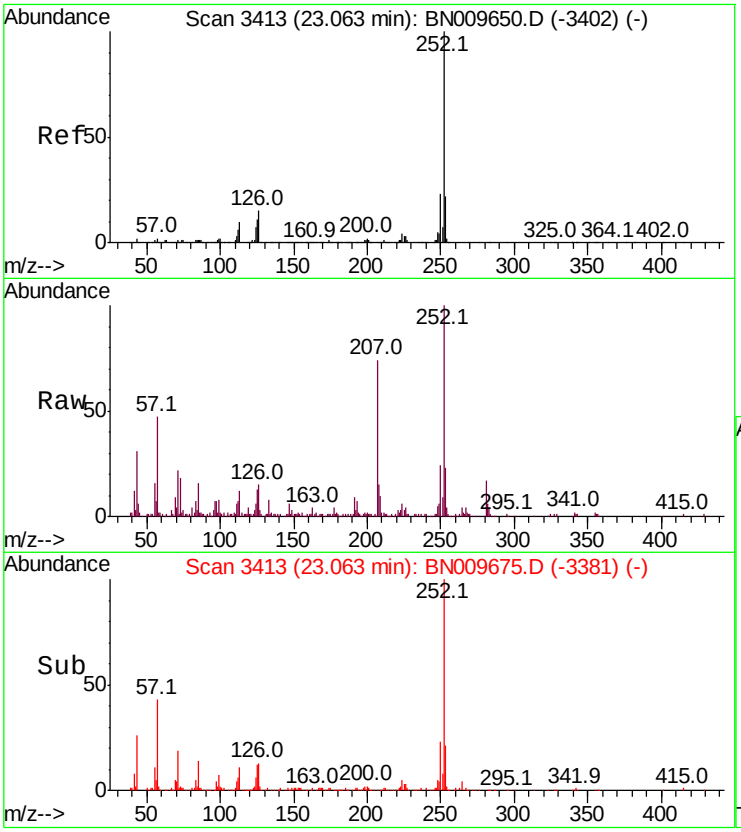


#88
Benzo(k)fluoranthene
Concen: 6.020 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.05 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Tgt Ion:252 Resp: 286945

Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.4
125	11.5	8.0	12.0



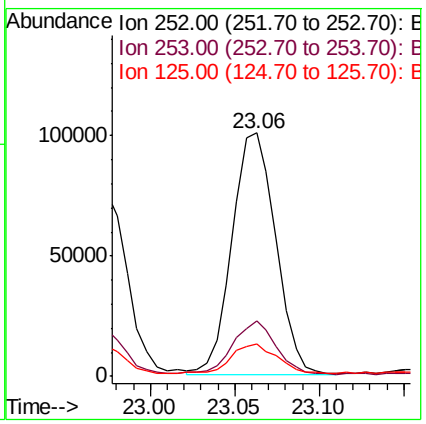


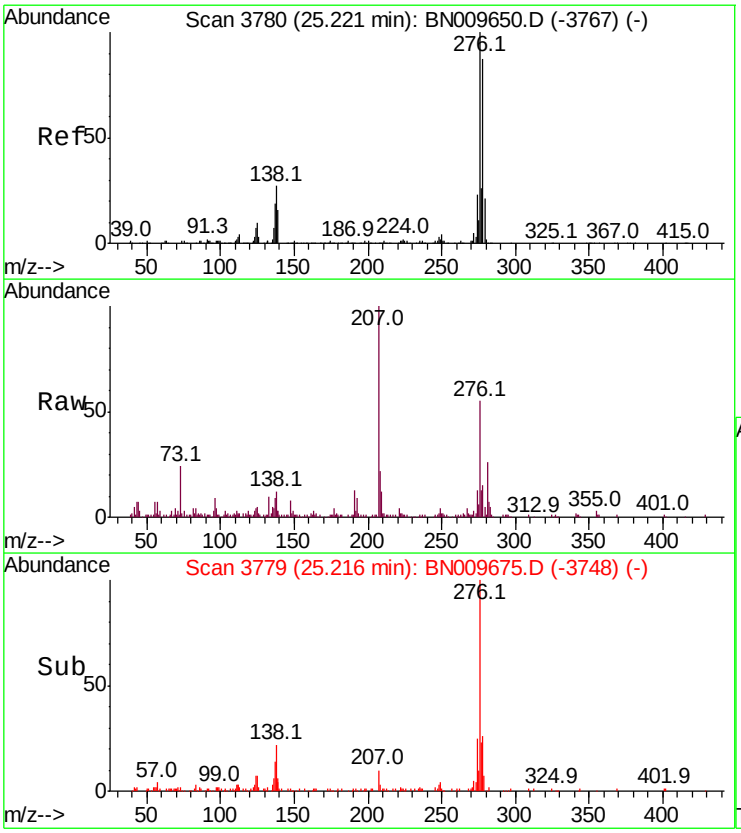
#90
Benzo(a)pyrene
Concen: 4.028 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 180623

Ion	Ratio	Lower	Upper
252	100		
253	22.8	15.8	23.8
125	13.2	8.7	13.1#

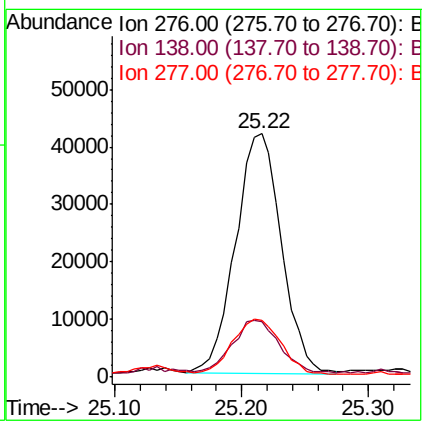


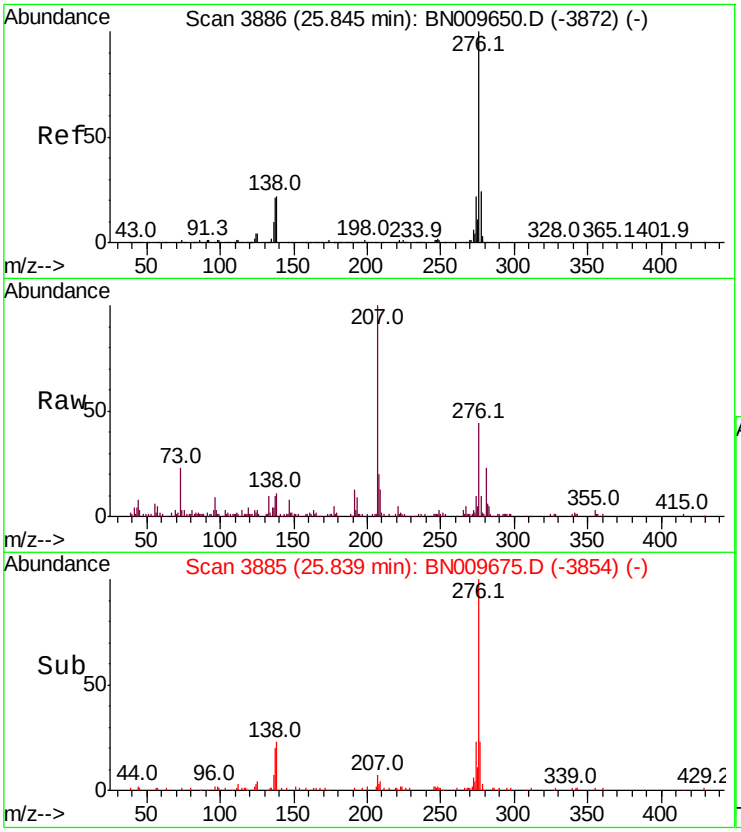


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.958 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Tgt Ion:276 Resp: 104387

Ion	Ratio	Lower	Upper
276	100		
138	22.5	20.3	30.5
277	23.5	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 2.266 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BN009675.D
Acq: 08 Feb 2020 08:58

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 101260

Ion	Ratio	Lower	Upper
276	100		
138	24.6	16.0	24.0#
277	23.7	17.0	25.6