Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009664.D
Acq On : 08 Feb 2020 01:48
Operator : CG/JU
Sample : L1401-09
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 08 03:11:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 23:20:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	150268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	634418	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	386288	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	816033	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	763519	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	741686	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	10284	2.81	ng/uL	0.00
5) Phenol-d5	6.63	99	211107	16.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	143336	16.28	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	162595	16.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	166576	15.96	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	78979	16.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	87042	16.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	156676	15.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	217802	20.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	519038	18.41	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	606515	17.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	67757	12.72	ng/ul	0.00
57) Fluorene-d10	15.07	176	455991	18.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	63128	12.39	ng/ul	0.00
70) Anthracene-d10	16.92	188	681029	18.37	ng/ul	0.00
78) Pyrene-d10	19.23	212	768665	19.15	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	741413	20.30	ng/ul	-0.01
Target Compounds						Qvalue
69) Phenanthrene	16.86	178	64587	1.388	ng/ul	97
76) Fluoranthene	18.89	202	130340	2.454	ng/ul	99
79) Pyrene	19.26	202	125024	2.243	ng/ul	97
82) Benzo(a)anthracene	21.02	228	76876	1.458	ng/ul	96
84) Chrysene	21.07	228	72870	1.388	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	96266	2.075	ng/ul#	96
88) Benzo(k)fluoranthene	22.53	252	96266	2.106	ng/ul#	96
90) Benzo(a)pyrene	23.06	252	63204	1.470	ng/ul#	84

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

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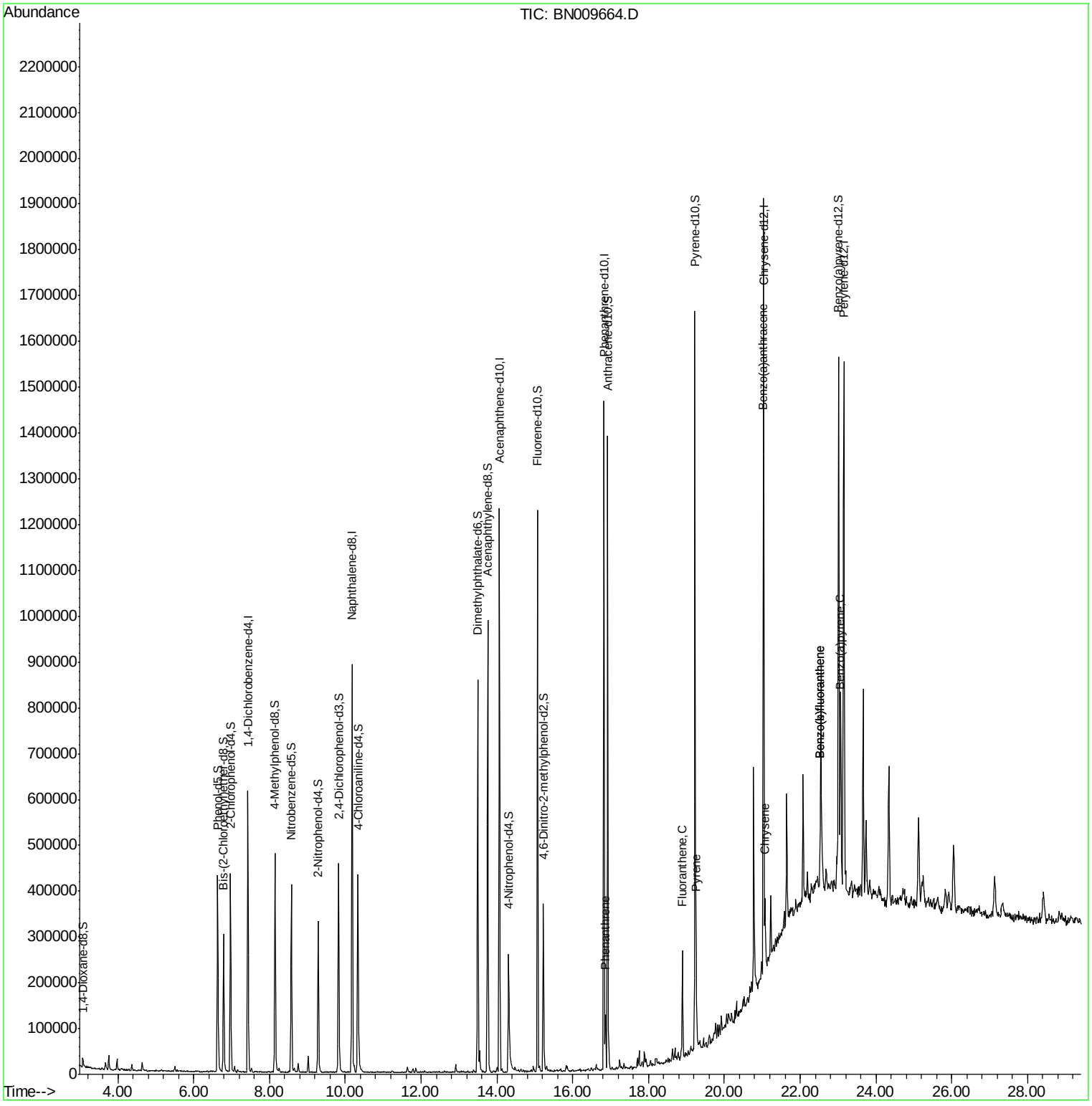
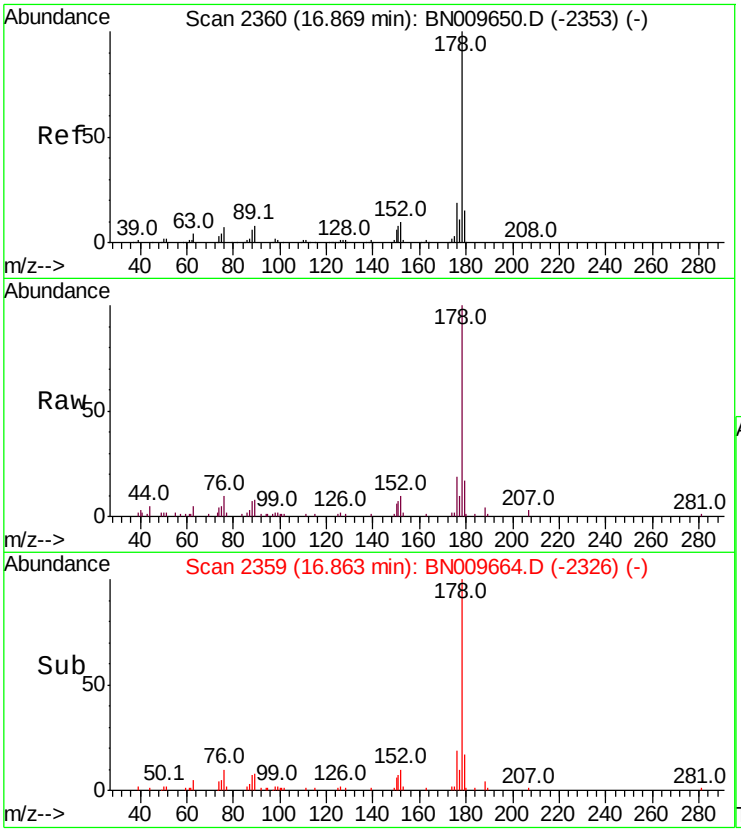


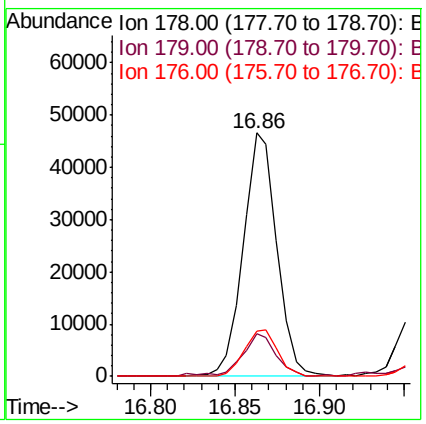


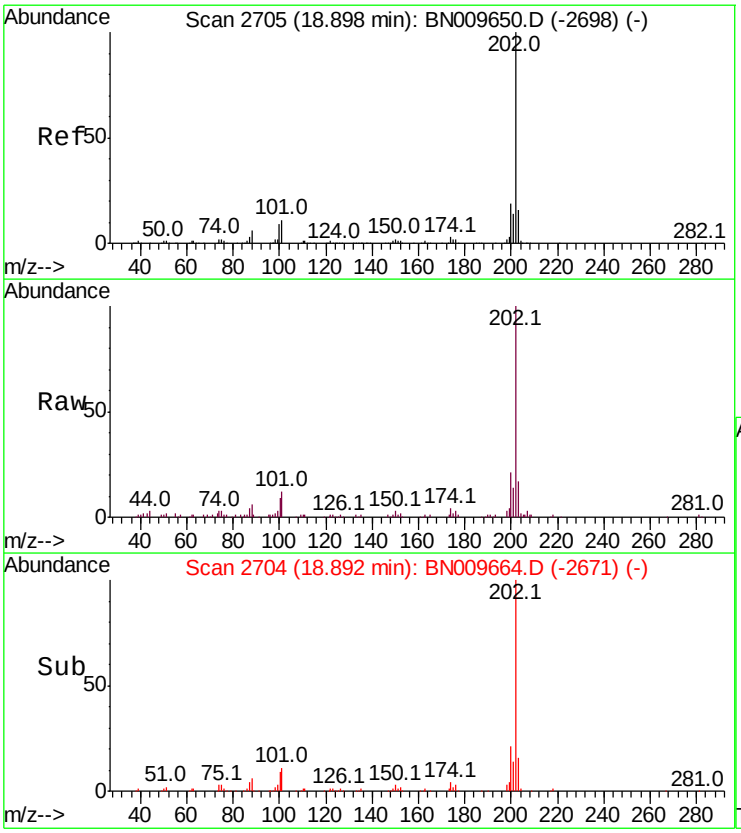
#69
Phenanthrene
Concen: 1.388 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 64587

Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.2
176	18.7	14.8	22.2

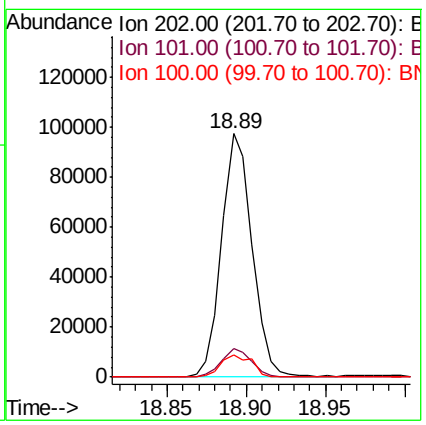


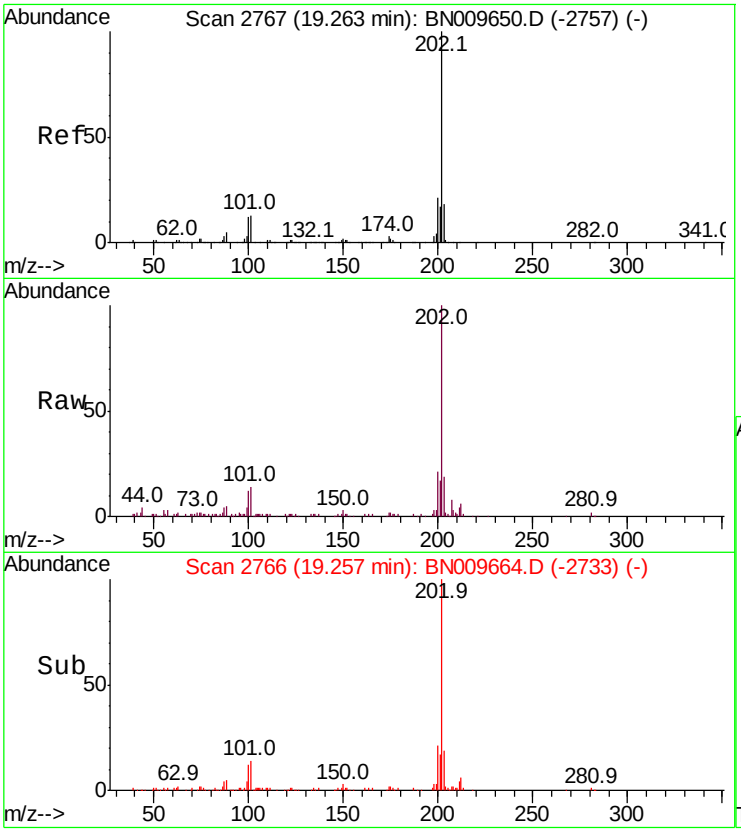


#76
Fluoranthene
Concen: 2.454 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Tgt Ion:202 Resp: 130340

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	9.3	6.9	10.3



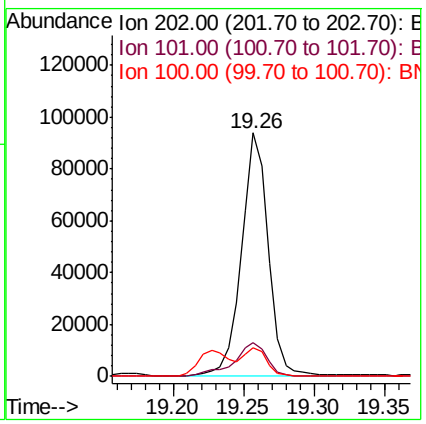


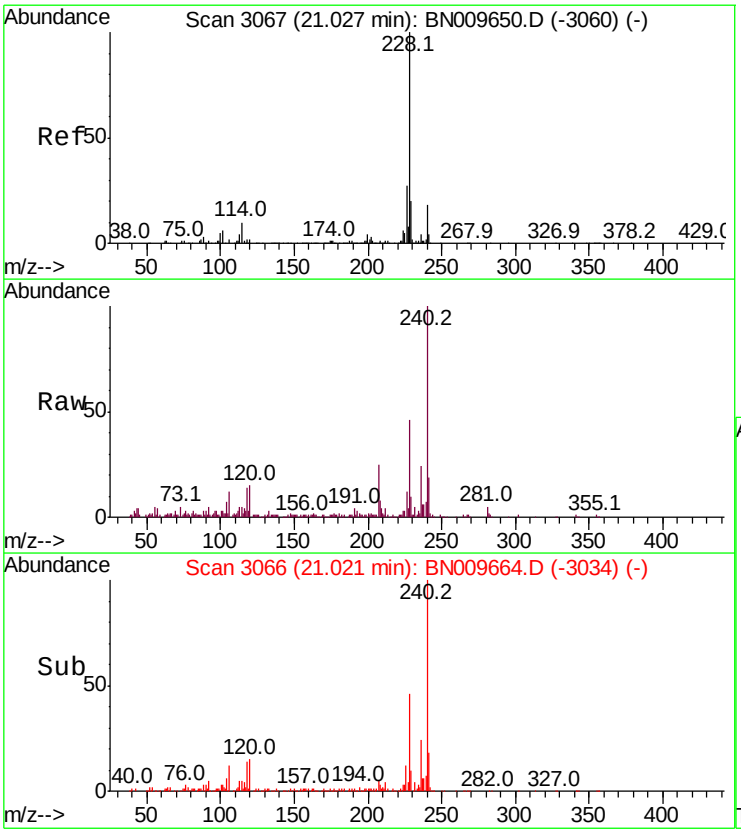
#79
Pyrene
Concen: 2.243 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 125024

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
100	11.9	8.4	12.6

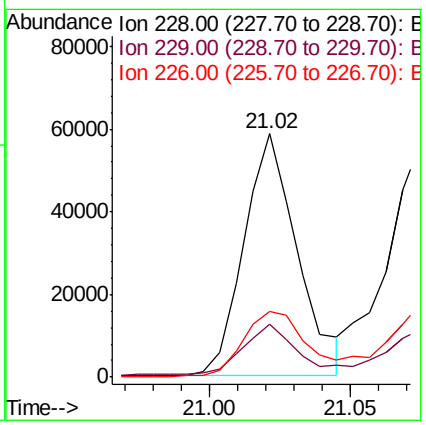


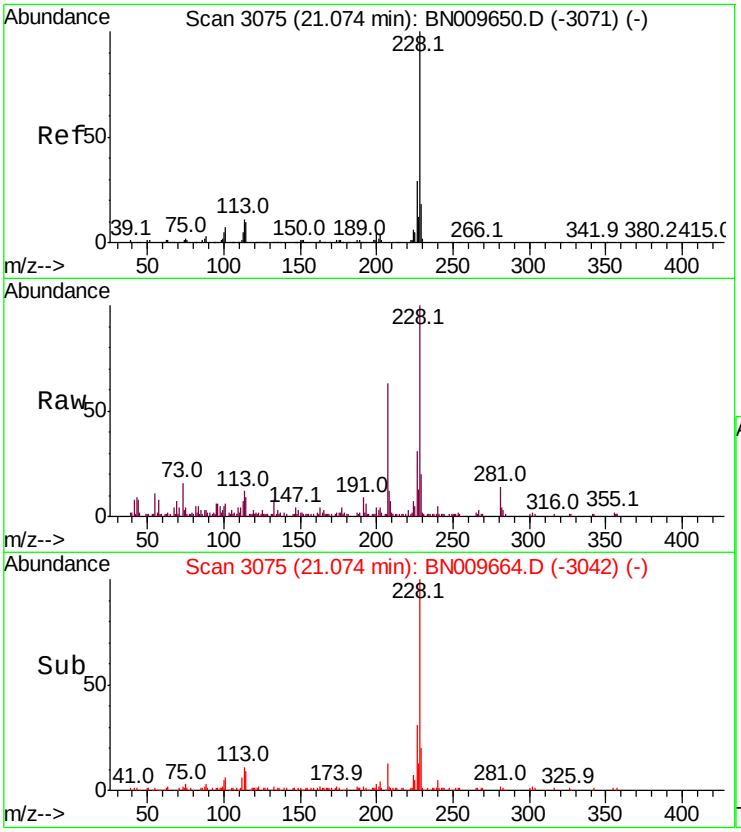


#82
Benzo(a)anthracene
Concen: 1.458 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Tgt Ion:228 Resp: 76876

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.0	22.4
226	26.9	20.9	31.3



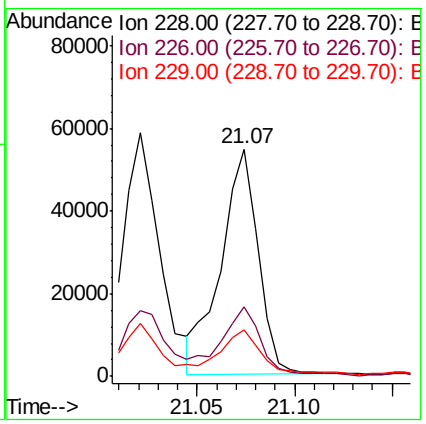


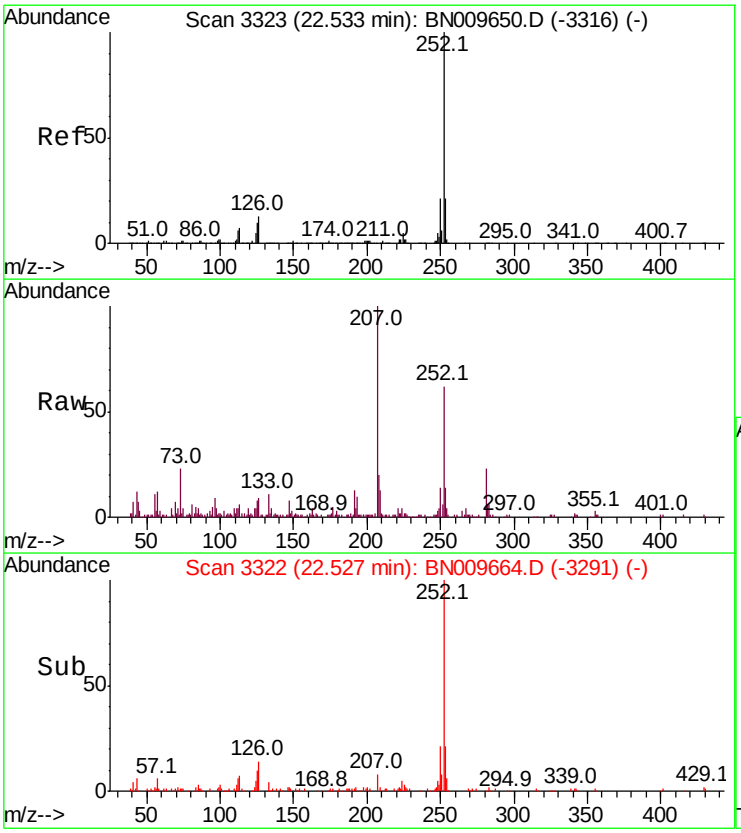
#84
Chrysene
Concen: 1.388 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 72870

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	20.3	15.8	23.8

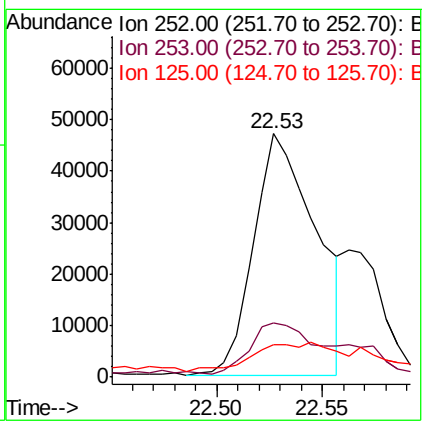


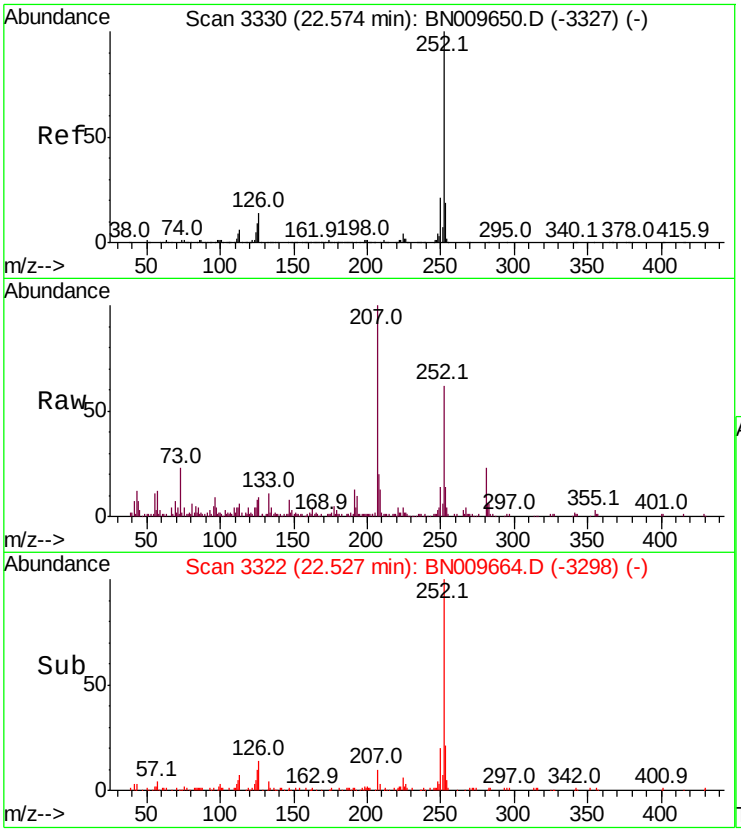


#87
Benzo(b)fluoranthene
Concen: 2.075 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Tgt Ion:252 Resp: 96266

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	13.1	8.2	12.2#



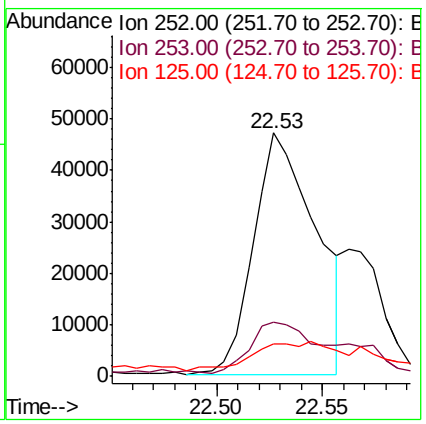


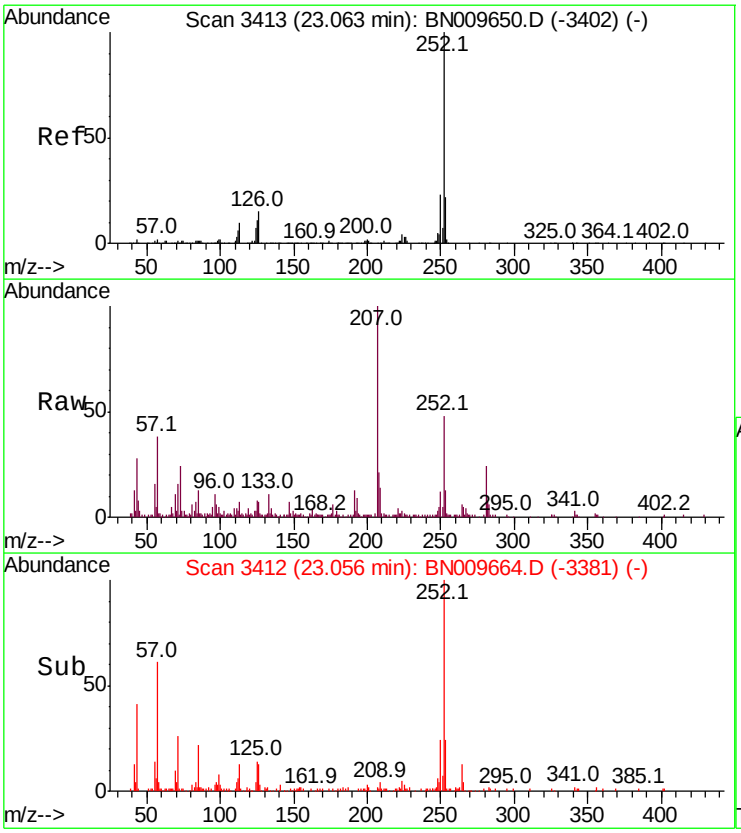
#88
Benzo(k)fluoranthene
Concen: 2.106 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.06 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 96266

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.4
125	13.1	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 1.470 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009664.D
Acq: 08 Feb 2020 01:48

Tgt Ion:252 Resp: 63204

Ion	Ratio	Lower	Upper
252	100		
253	27.3	15.8	23.8#
125	16.7	8.7	13.1#