Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009663.D
Acq On : 08 Feb 2020 01:13
Operator : CG/JU
Sample : L1401-08
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Feb 08 03:10:54 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	149716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	634828	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	391051	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	801012	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	753174	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	746667	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	12209	3.35	ng/uL	0.00
5) Phenol-d5	6.63	99	248850	19.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	170177	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	195895	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	197561	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	97382	20.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	107372	20.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	189950	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	262207	24.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	591303	20.71	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	716141	20.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	86602	16.06	ng/ul	0.00
57) Fluorene-d10	15.07	176	517686	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	79600	15.91	ng/ul	0.00
70) Anthracene-d10	16.92	188	815716	22.41	ng/ul	0.00
78) Pyrene-d10	19.23	212	961647	24.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	927717	25.23	ng/ul	-0.01
Target Compounds						Qvalue
69) Phenanthrene	16.86	178	131874	2.887	ng/ul	98
76) Fluoranthene	18.89	202	250158	4.798	ng/ul	98
79) Pyrene	19.26	202	227592	4.139	ng/ul	97
82) Benzo(a)anthracene	21.02	228	133031	2.558	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	20.98	149	49028	1.477	ng/ul	98
84) Chrysene	21.07	228	125252	2.419	ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	158051	3.383	ng/ul#	92
88) Benzo(k)fluoranthene	22.57	252	49245	1.070	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	97036	2.242	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.22	276	62526	1.215	ng/ul#	92
93) Benzo(g,h,i)perylene	25.84	276	60843	1.411	ng/ul#	95

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

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Acq On : 08 Feb 2020 01:13
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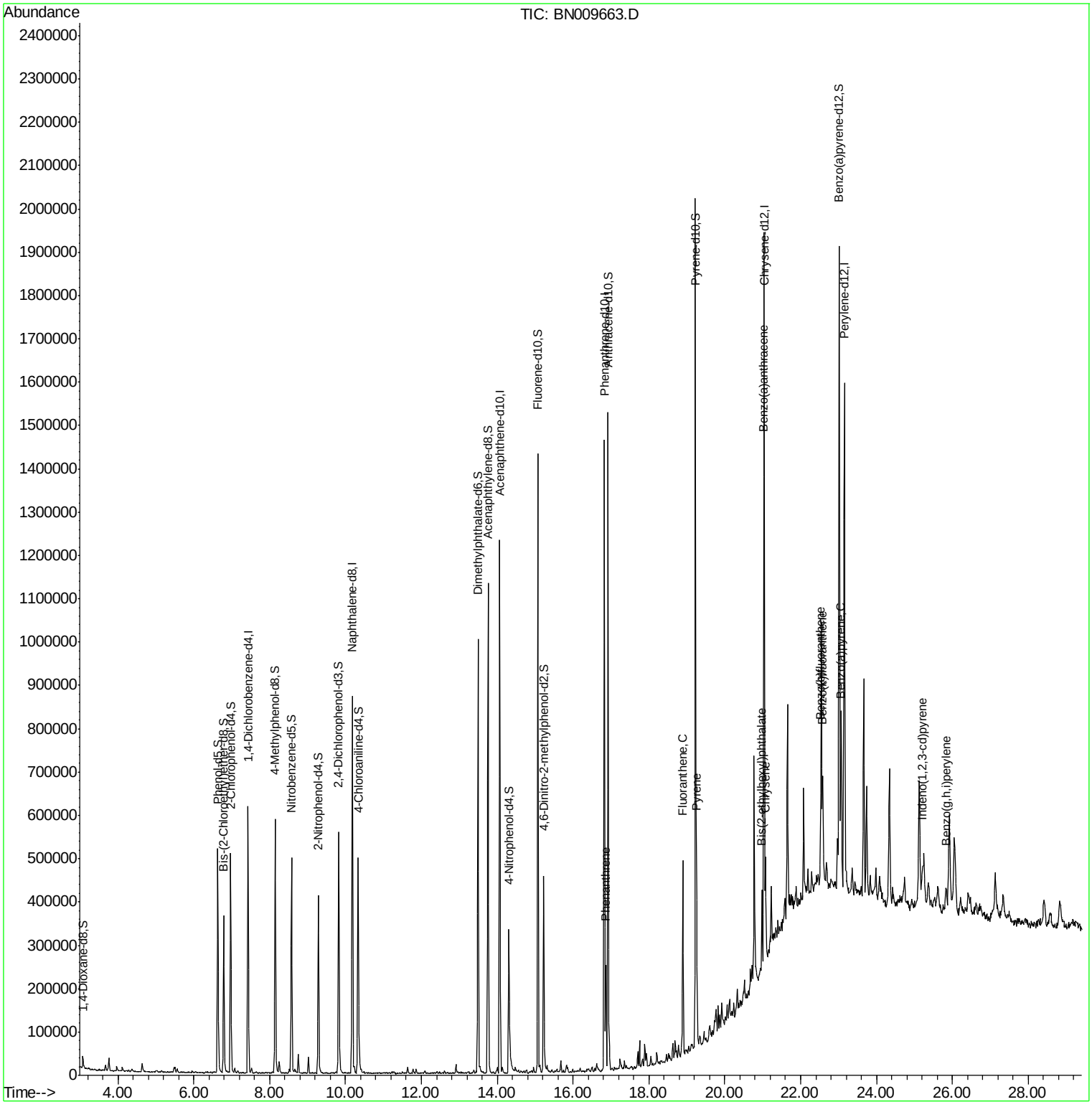
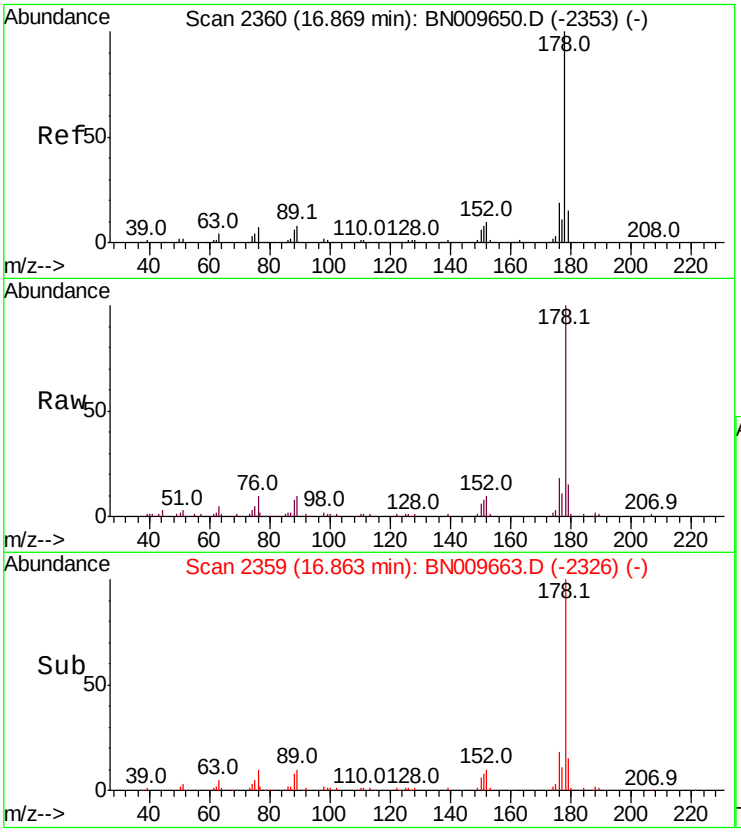
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 08 03:10:54 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



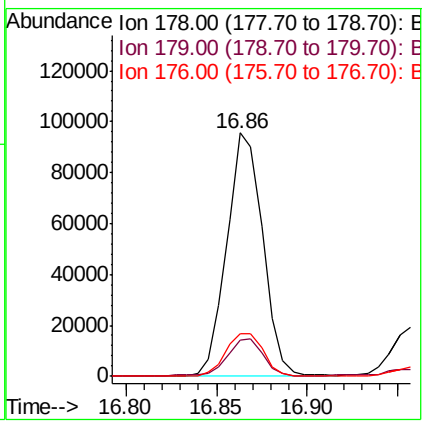


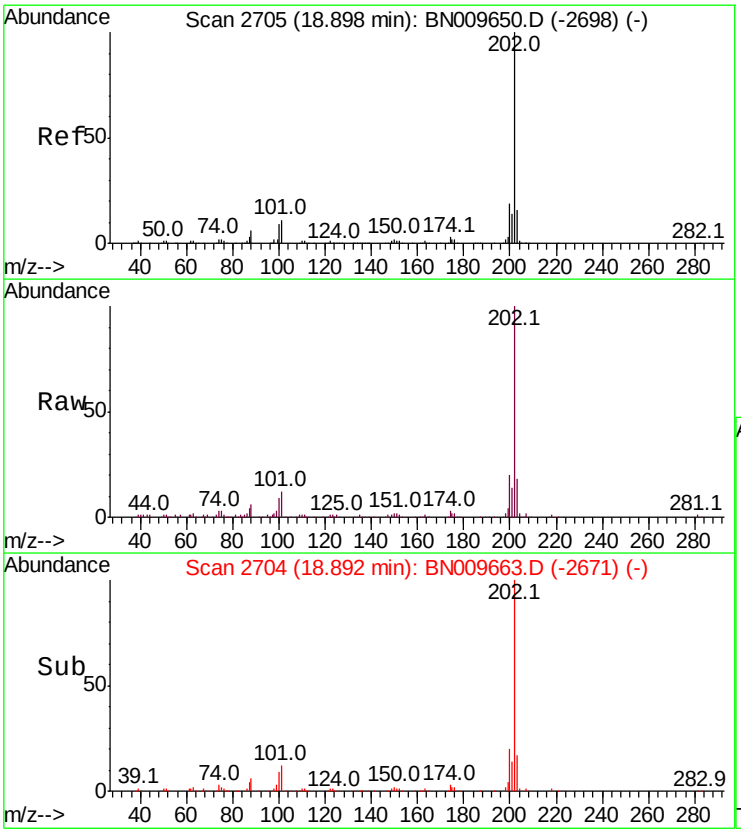
#69
Phenanthrene
Concen: 2.887 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 131874

Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.2	18.2
176	17.6	14.8	22.2

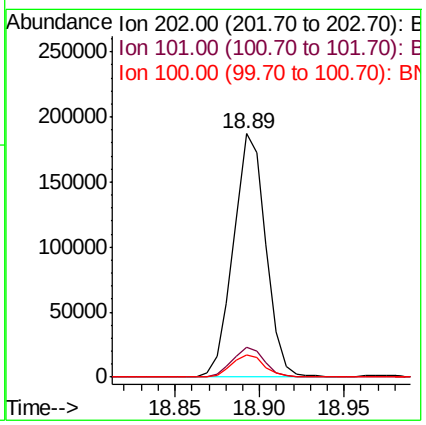


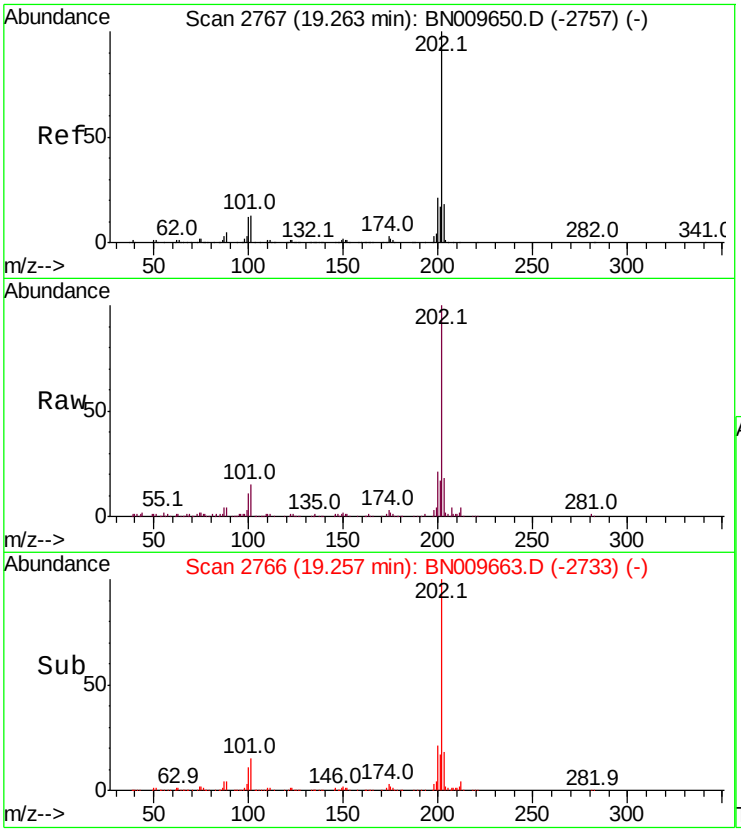


#76
Fluoranthene
Concen: 4.798 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:202 Resp: 250158

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



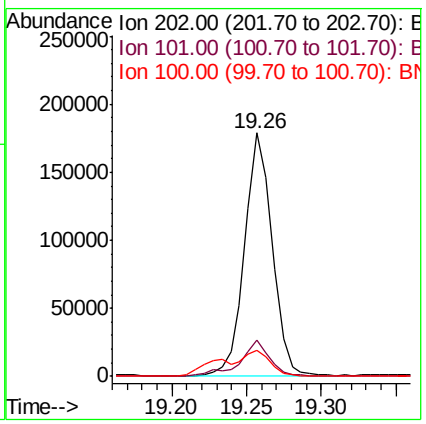


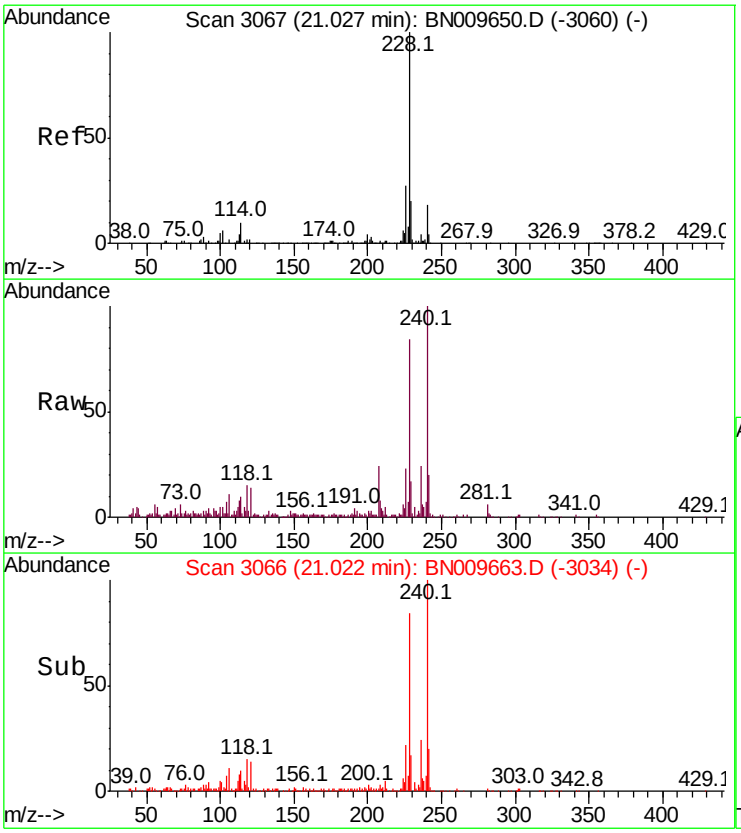
#79
Pyrene
Concen: 4.139 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 227592

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.3	15.5
100	10.8	8.4	12.6

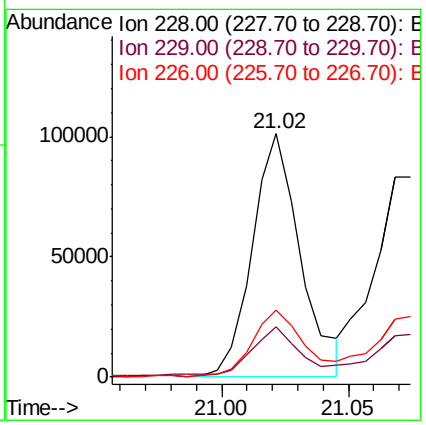


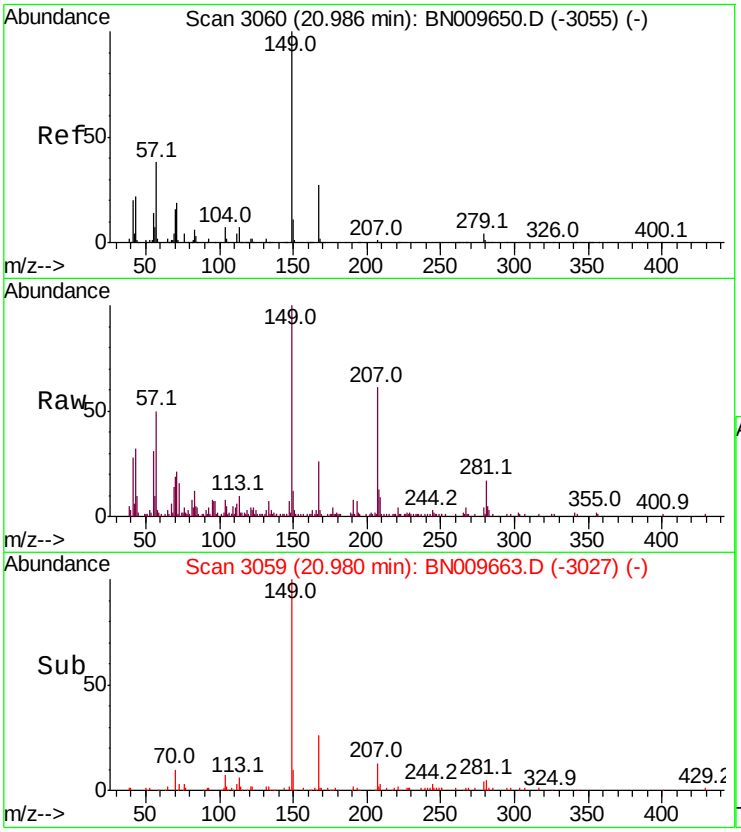


#82
Benzo(a)anthracene
Concen: 2.558 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:228 Resp: 133031

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.0	22.4
226	27.3	20.9	31.3



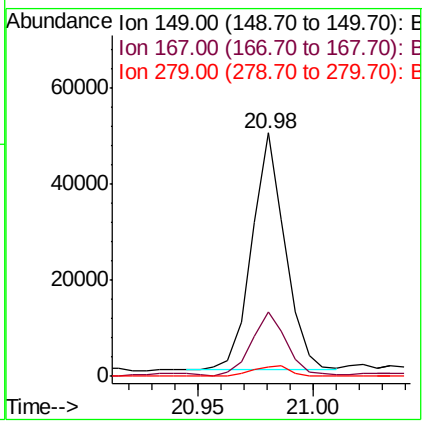


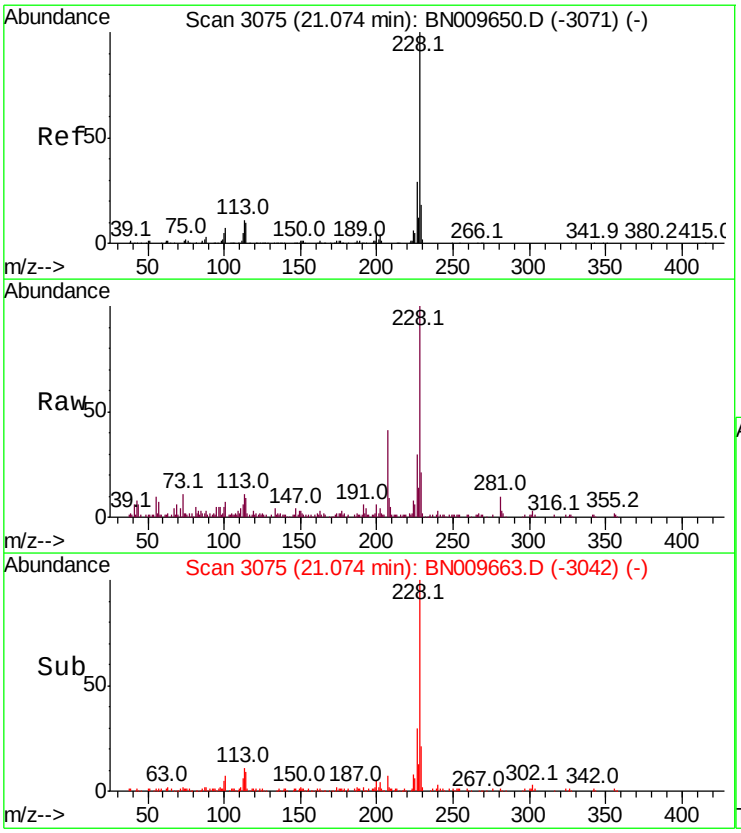
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.477 ng/ul
RT: 20.98 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:149 Resp: 49028

Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.1	33.1
279	4.1	3.3	4.9

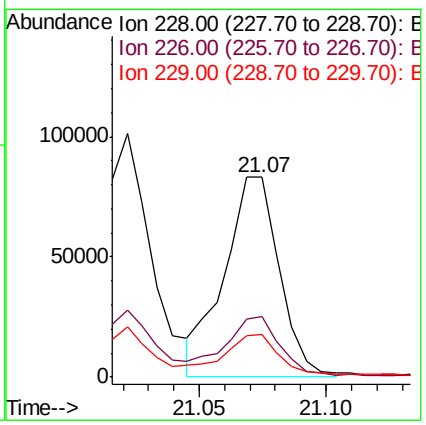


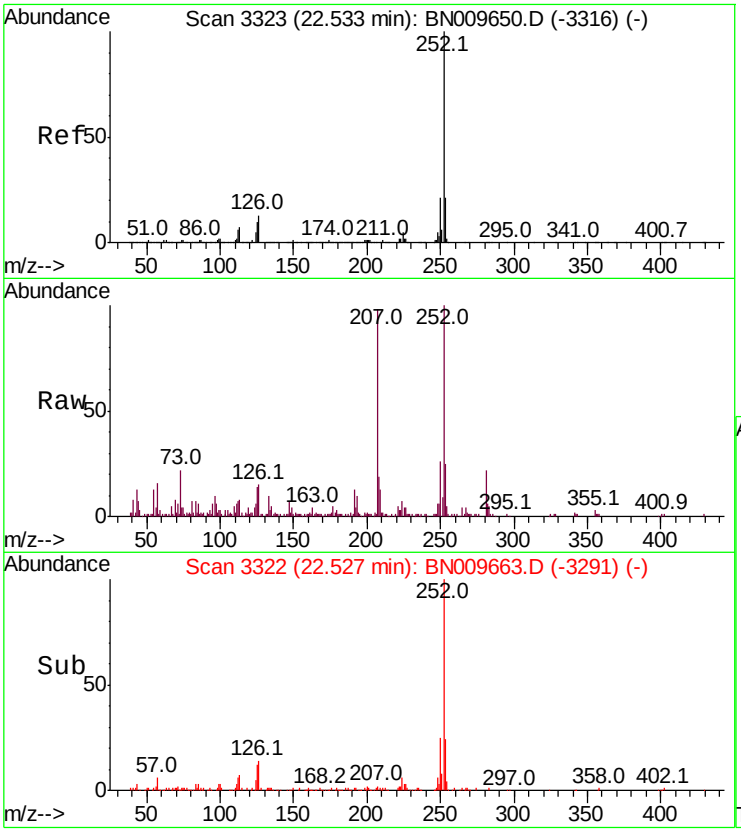


#84
Chrysene
Concen: 2.419 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:228 Resp: 125252

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	21.3	15.8	23.8



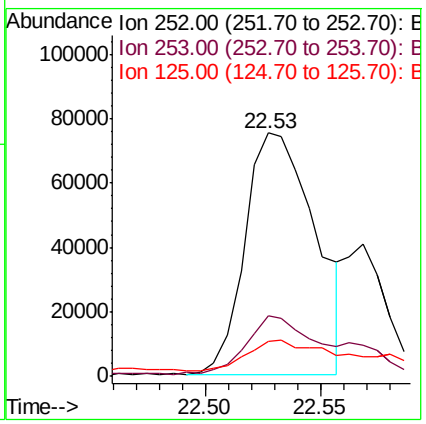


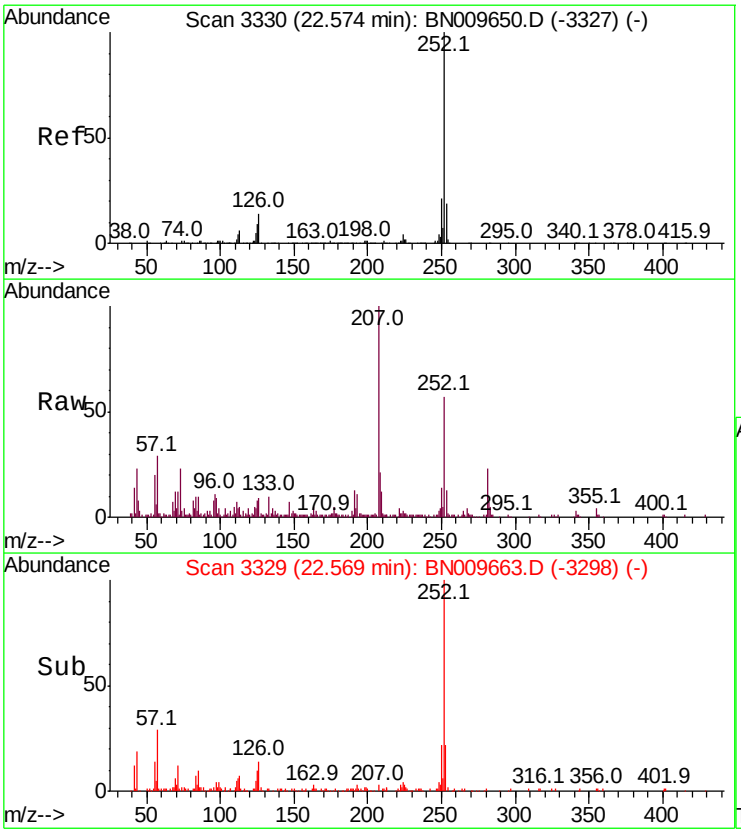
#87
Benzo(b)fluoranthene
Concen: 3.383 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 158051

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.0	25.6
125	14.4	8.2	12.2#

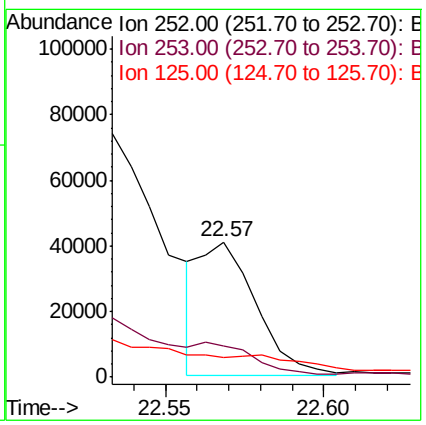


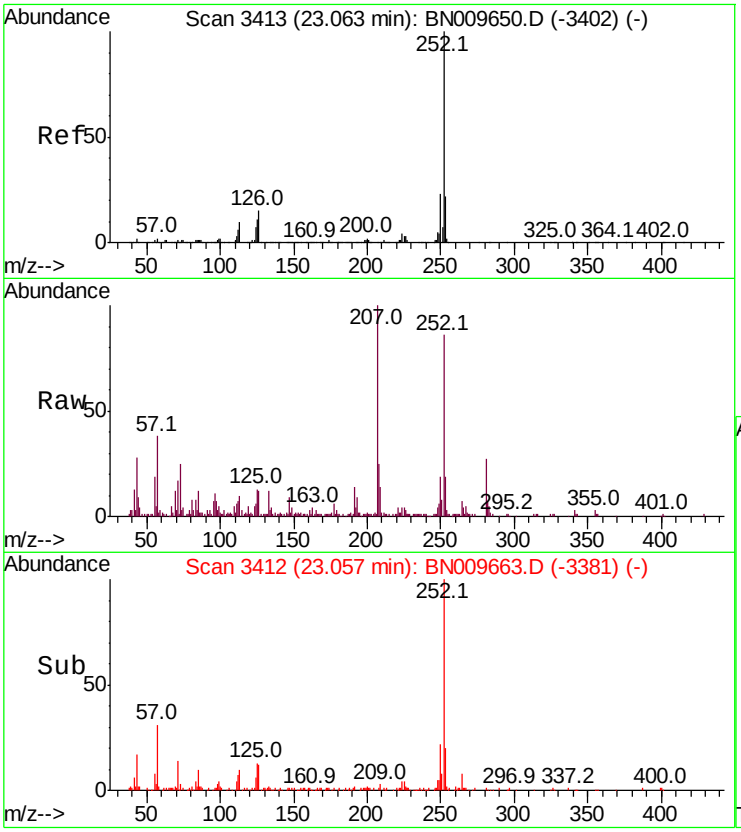


#88
Benzo(k)fluoranthene
Concen: 1.070 ng/ul
RT: 22.57 min Scan# 3329
Delta R.T. -0.02 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:252 Resp: 49245

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.0	25.4
125	14.7	8.0	12.0#



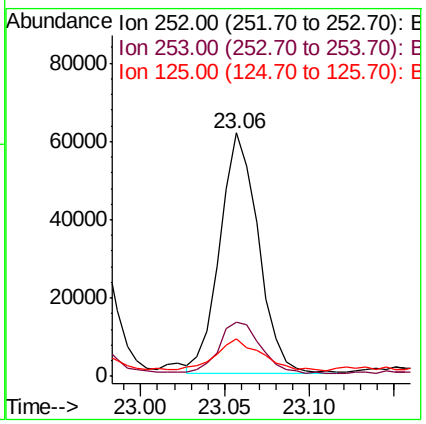


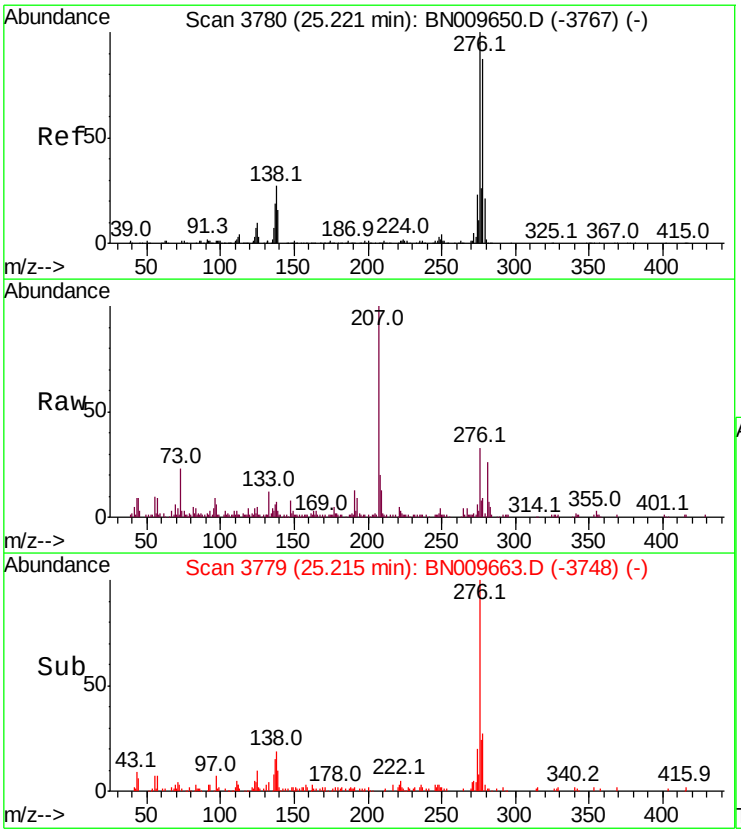
#90
Benzo(a)pyrene
Concen: 2.242 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 97036

Ion	Ratio	Lower	Upper
252	100		
253	22.0	15.8	23.8
125	15.3	8.7	13.1#

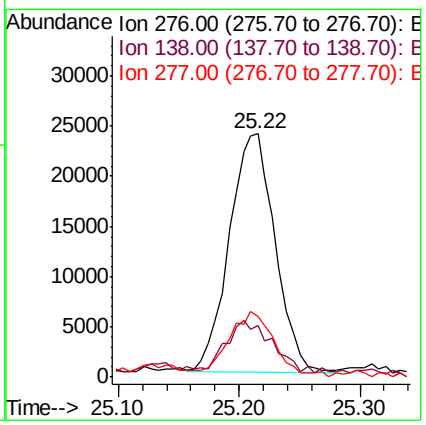


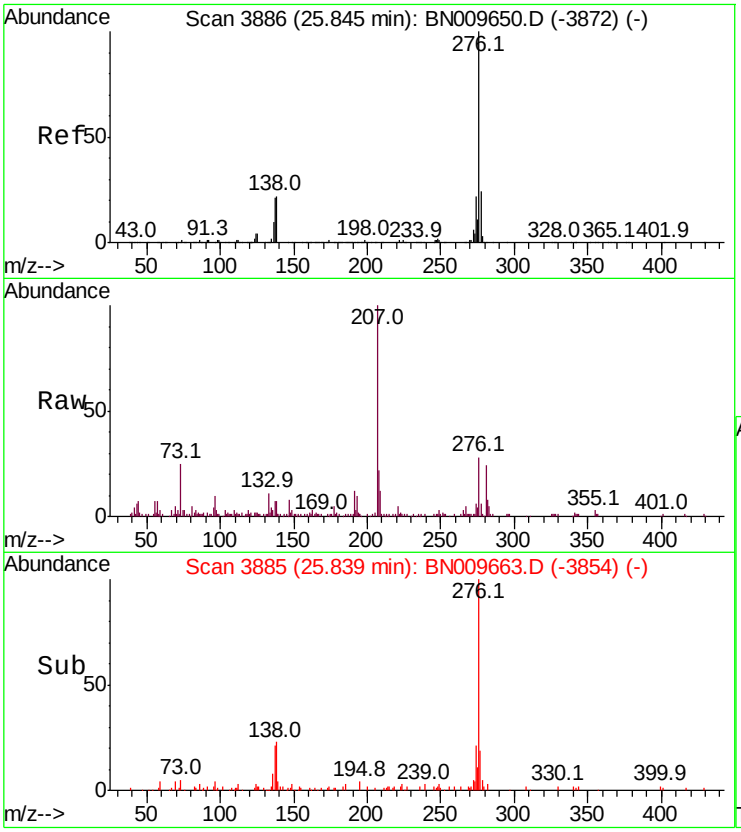


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.215 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Tgt Ion:276 Resp: 62526

Ion	Ratio	Lower	Upper
276	100		
138	31.5	20.3	30.5#
277	24.9	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 1.411 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BN009663.D
Acq: 08 Feb 2020 01:13

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 60843

Ion	Ratio	Lower	Upper
276	100		
138	24.4	16.0	24.0#
277	20.7	17.0	25.6