

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009541.D
 Acq On : 03 Feb 2020 22:12
 Operator : CG/JU
 Sample : L1342-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 04 00:21:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	146516	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	603121	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.08	164	397079	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	824743	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	757281	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	844064	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7631	2.14	ng/uL	0.00
5) Phenol-d5	6.64	99	136560	10.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	117169	13.65	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	113325	12.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	108908	10.70	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	56433	12.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	60383	12.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	105809	11.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	135025	13.39	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	427741	14.76	ng/ul	0.00
46) Acenaphthylene-d8	13.77	160	408923	11.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	43314	7.91	ng/ul	0.00
57) Fluorene-d10	15.08	176	338112	13.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	49567	9.62	ng/ul	0.00
70) Anthracene-d10	16.93	188	480775	12.83	ng/ul	0.00
78) Pyrene-d10	19.23	212	527411	13.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	502172	12.08	ng/ul	0.00

Target Compounds

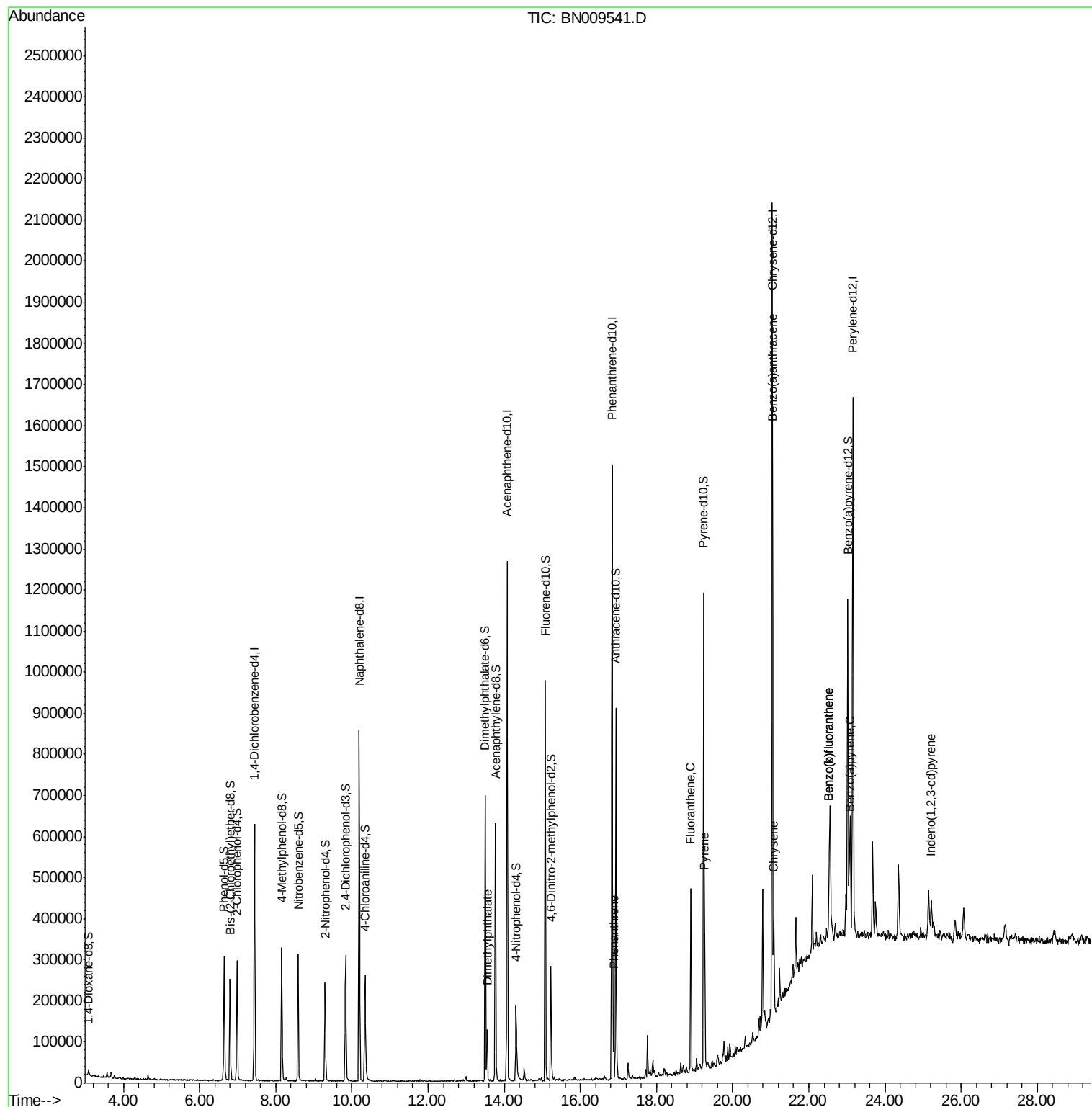
					Ovalue
44) Dimethylphthalate	13.55	163	70945	2.306 ng/ul	98
69) Phenanthrene	16.87	178	89191	1.896 ng/ul	96
76) Fluoranthene	18.90	202	251017	4.676 ng/ul	99
79) Pyrene	19.26	202	209822	3.796 ng/ul	99
82) Benzo(a)anthracene	21.03	228	121626	2.326 ng/ul	95
84) Chrysene	21.07	228	122360	2.351 ng/ul	100
87) Benzo(b)fluoranthene	22.53	252	159089	3.013 ng/ul	97
88) Benzo(k)fluoranthene	22.53	252	159089	3.059 ng/ul	97
90) Benzo(a)pyrene	23.06	252	96657	1.975 ng/ul	95
91) Indeno(1,2,3-cd)pyrene	25.21	276	66240	1.139 ng/ul#	91

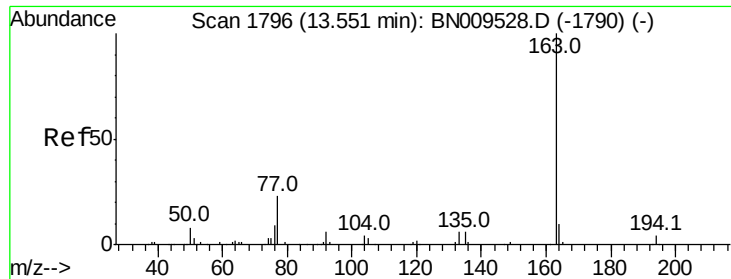
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009541.D
Acq On : 03 Feb 2020 22:12
Operator : CG/JU
Sample : L1342-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 04 00:21:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.306 ng/ul

RT: 13.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BN009541.D

Acq: 03 Feb 2020 22:12

Instrument :

BNA_N

ClientSampleId :

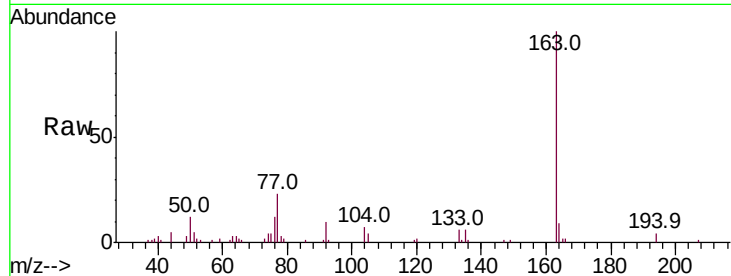
Tot Ion:163 Resp: 70945

Ion Ratio Lower Upper

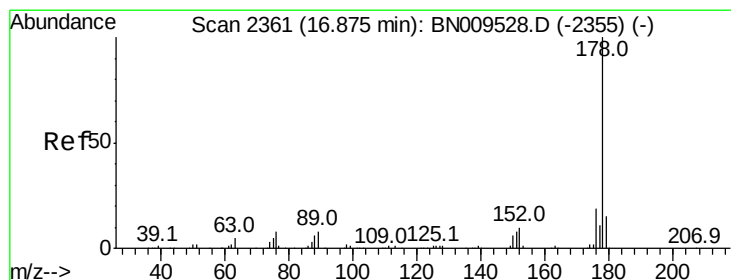
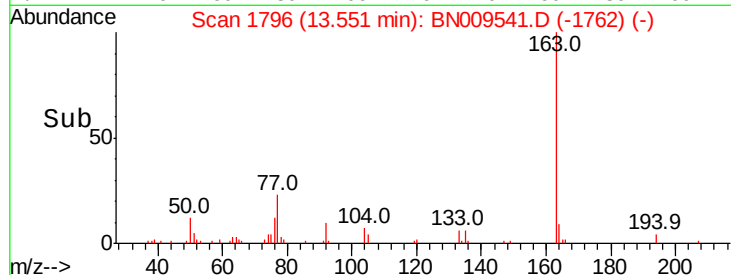
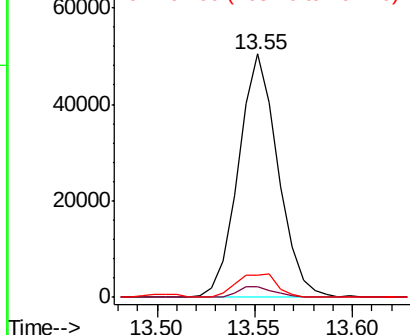
163 100

194 4.1 3.5 5.3

164 9.0 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.896 ng/ul

RT: 16.87 min Scan# 2361

Delta R.T. 0.00 min

Lab File: BN009541.D

Acq: 03 Feb 2020 22:12

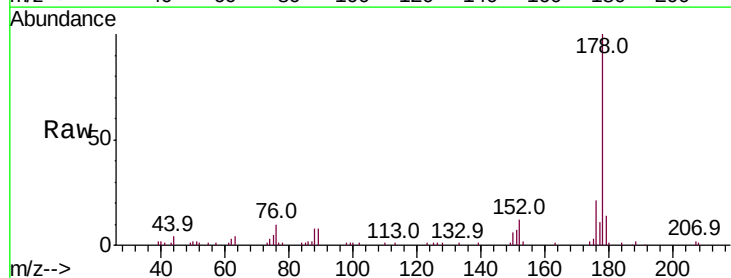
Tgt Ion:178 Resp: 89191

Ion Ratio Lower Upper

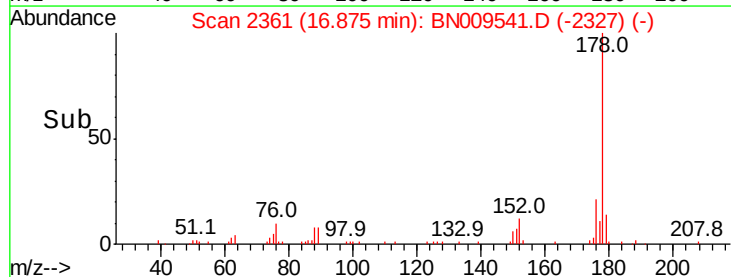
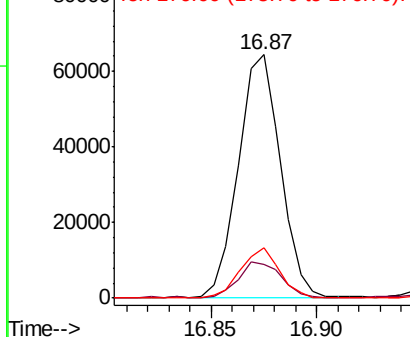
178 100

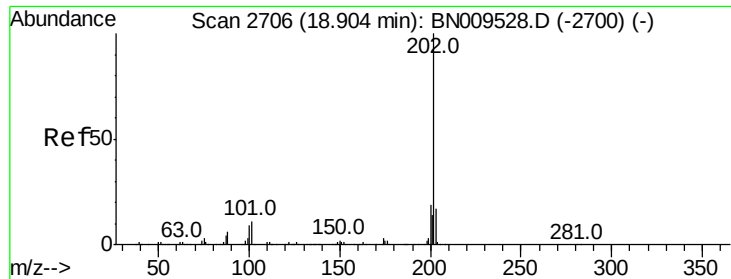
179 13.6 12.2 18.2

176 20.7 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 4.676 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009541.D

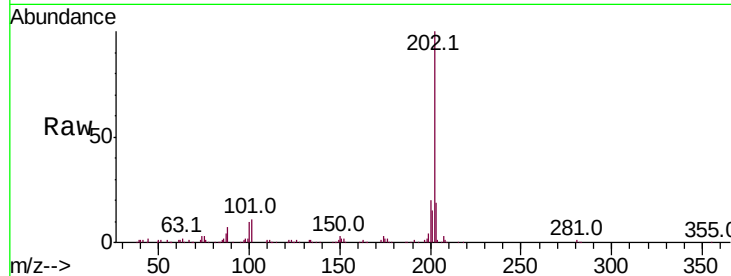
Acq: 03 Feb 2020 22:12

Instrument :

BNA_N

ClientSampleId :

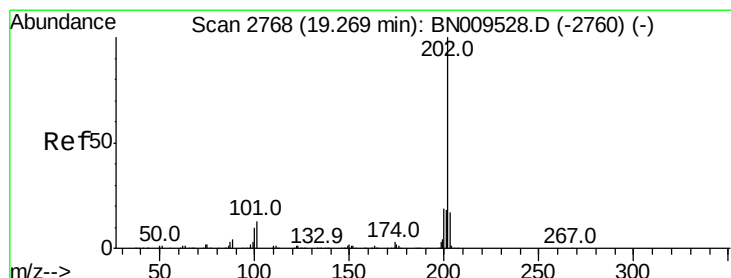
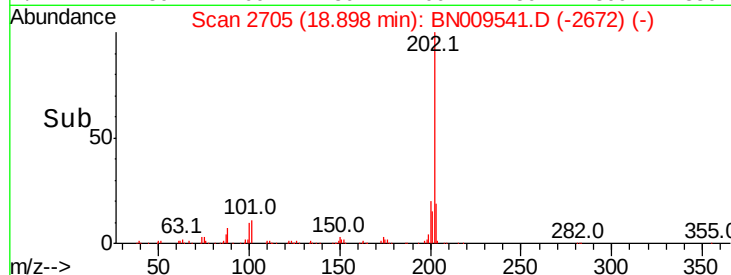
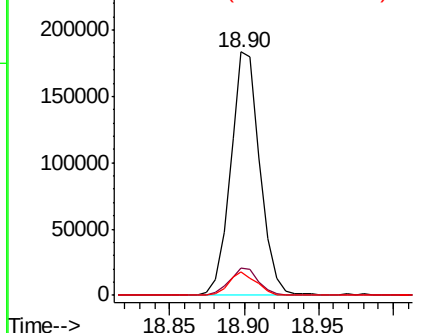
Tot Ion:	202	Resp:	251017
Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	9.6	6.9	10.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 3.796 ng/ul

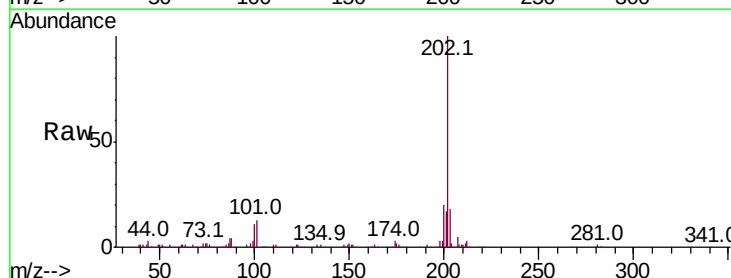
RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009541.D

Acq: 03 Feb 2020 22:12

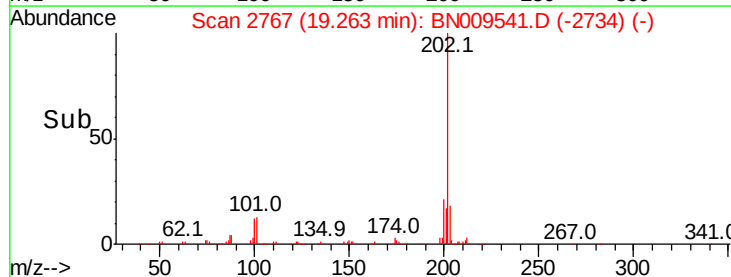
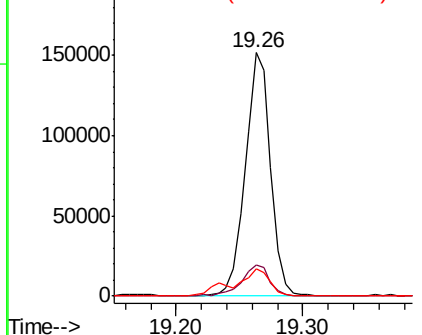
Tgt Ion:	202	Resp:	209822
Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	11.4	8.4	12.6

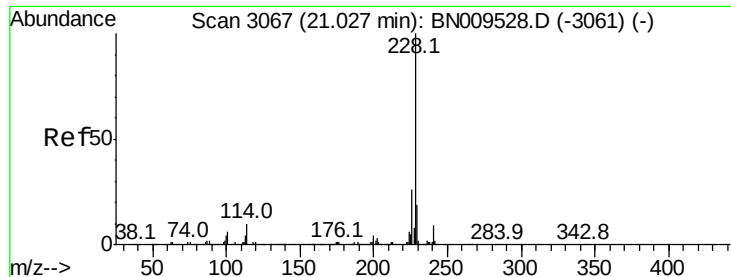


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

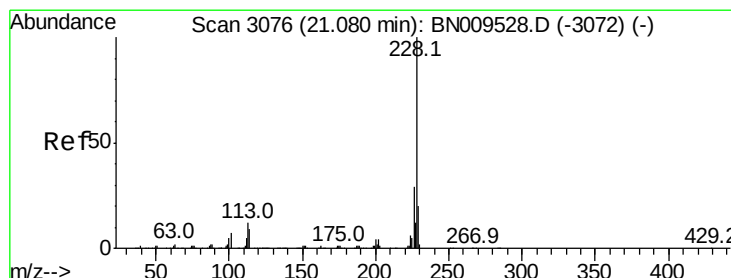
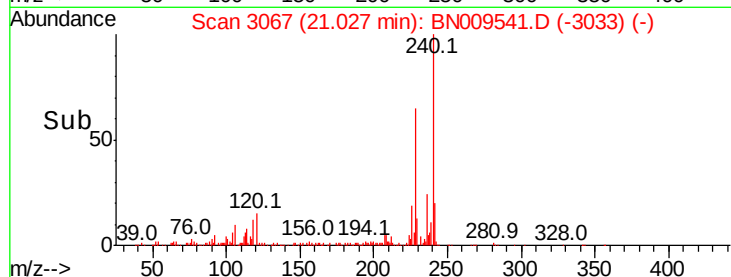
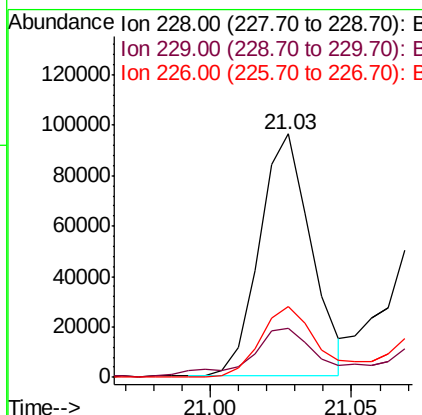
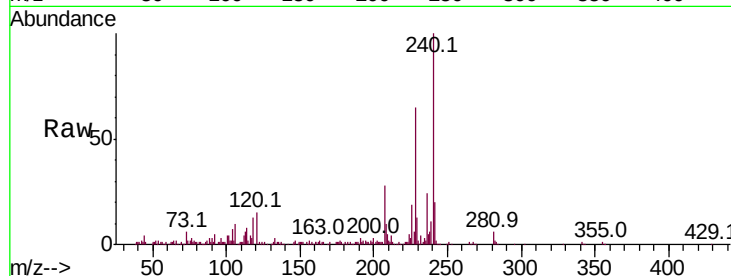




#82
Benzo(a)anthracene
Concen: 2.326 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.00 min
Lab File: BN009541.D
Acq: 03 Feb 2020 22:12

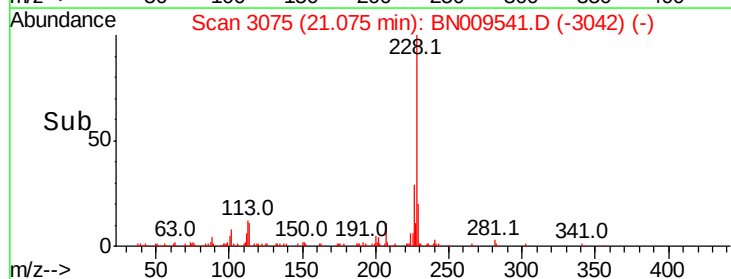
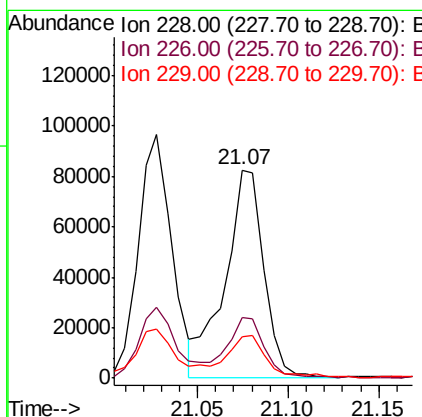
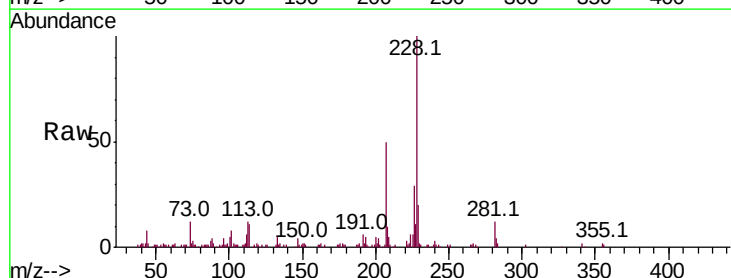
Instrument :
BNA_N
ClientSampleId :

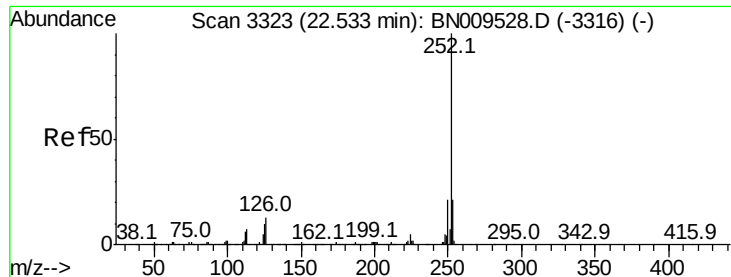
Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.0	22.4
226	29.2	20.9	31.3



#84
Chrysene
Concen: 2.351 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009541.D
Acq: 03 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	19.8	15.8	23.8

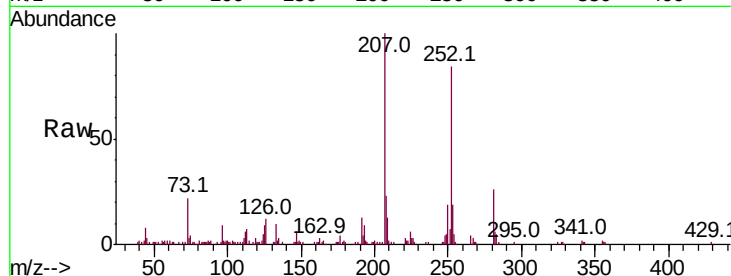




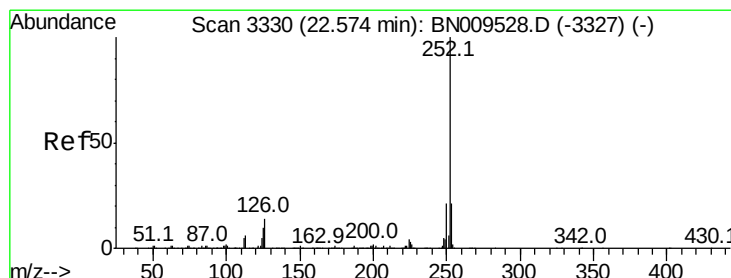
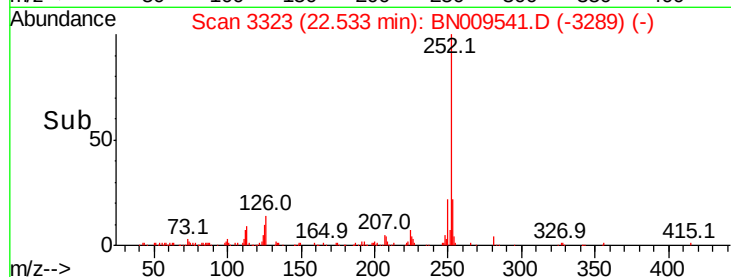
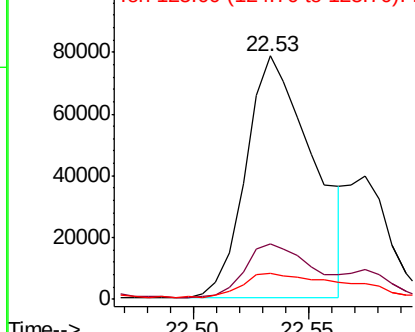
#87
Benzo(b)fluoranthene
Concen: 3.013 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009541.D
Acq: 03 Feb 2020 22:12

Instrument :
BNA_N
ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	10.9	8.2	12.2

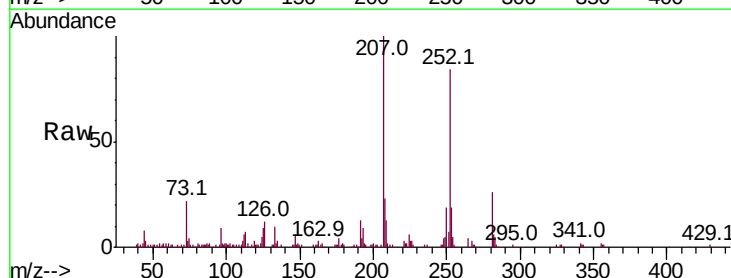


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

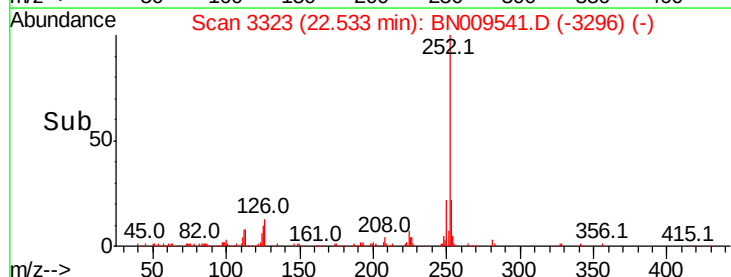
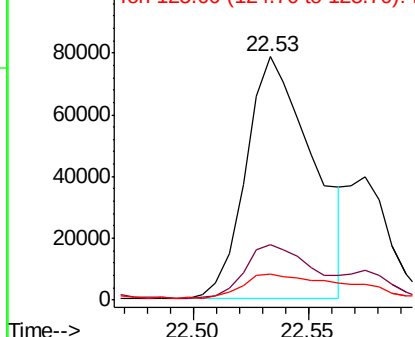


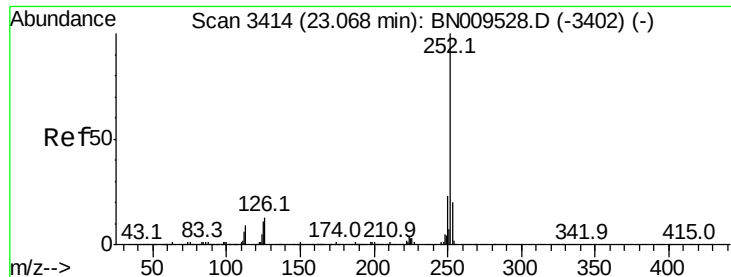
#88
Benzo(k)fluoranthene
Concen: 3.059 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009541.D
Acq: 03 Feb 2020 22:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.4
125	10.9	8.0	12.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 1.975 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009541.D

Acq: 03 Feb 2020 22:12

Instrument :

BNA_N

ClientSampleId :

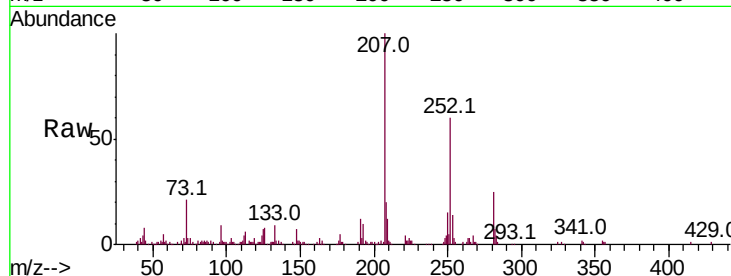
Tot Ion:252 Resp: 96657

Ion Ratio Lower Upper

252 100

253 23.0 15.8 23.8

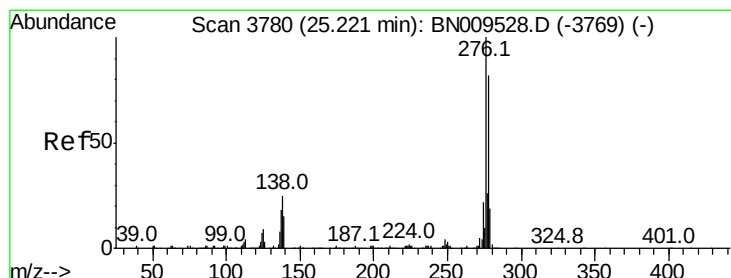
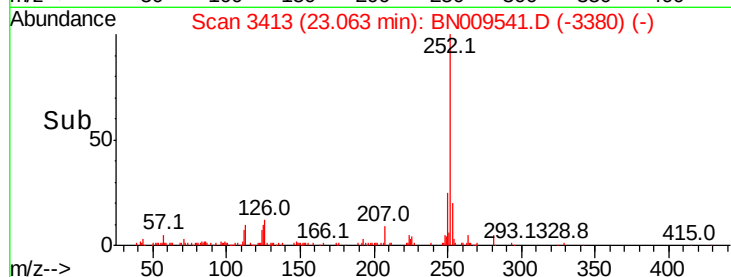
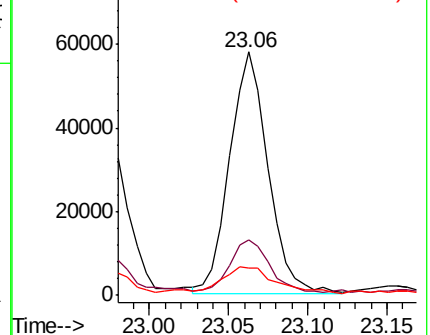
125 11.0 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.139 ng/ul

RT: 25.21 min Scan# 3778

Delta R.T. -0.01 min

Lab File: BN009541.D

Acq: 03 Feb 2020 22:12

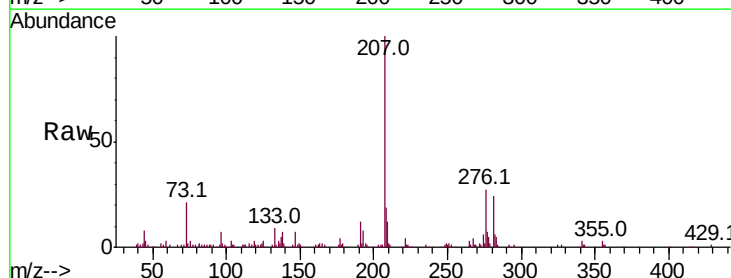
Tgt Ion:276 Resp: 66240

Ion Ratio Lower Upper

276 100

138 33.2 20.3 30.5#

277 24.7 21.2 31.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

