

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022220\
 Data File : BN009832.D
 Acq On : 22 Feb 2020 06:26
 Operator : CG/JU
 Sample : L1535-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 24 00:22:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 04:46:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	133574	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.14	136	588111	20.00	ng/ul	-0.03
36) Acenaphthene-d10	14.03	164	359279	20.00	ng/ul	-0.02
62) Phenanthrene-d10	16.79	188	732949	20.00	ng/ul	-0.02
78) Chrysene-d12	21.01	240	635030	20.00	ng/ul	-0.02
86) Perylene-d12	23.10	264	675313	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.04	96	5087	1.57	ng/uL	-0.02
5) Phenol-d5	6.60	99	89314	7.86	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	64183	8.19	ng/ul	-0.02
9) 2-Chlorophenol-d4	6.94	132	69965	8.18	ng/ul	-0.02
13) 4-Methylphenol-d8	8.11	113	65062	7.20	ng/ul	-0.02
19) Nitrobenzene-d5	8.54	128	30049	6.98	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.25	143	26020	5.53	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.78	165	64828	7.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.30	131	82380	8.10	ng/ul	-0.02
44) Dimethylphthalate-d6	13.46	166	218437	8.14	ng/ul	-0.02
47) Acenaphthylene-d8	13.72	160	267319	8.46	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.29	143	14946	3.05	ng/ul	0.00
58) Fluorene-d10	15.04	176	204530	8.83	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.19	200	12933	2.84	ng/ul	-0.02
71) Anthracene-d10	16.89	188	296206	8.82	ng/ul	-0.02
79) Pyrene-d10	19.19	212	347716	10.48	ng/ul	-0.02
90) Benzo(a)pyrene-d12	22.97	264	320897	9.52	ng/ul	-0.03

Target Compounds

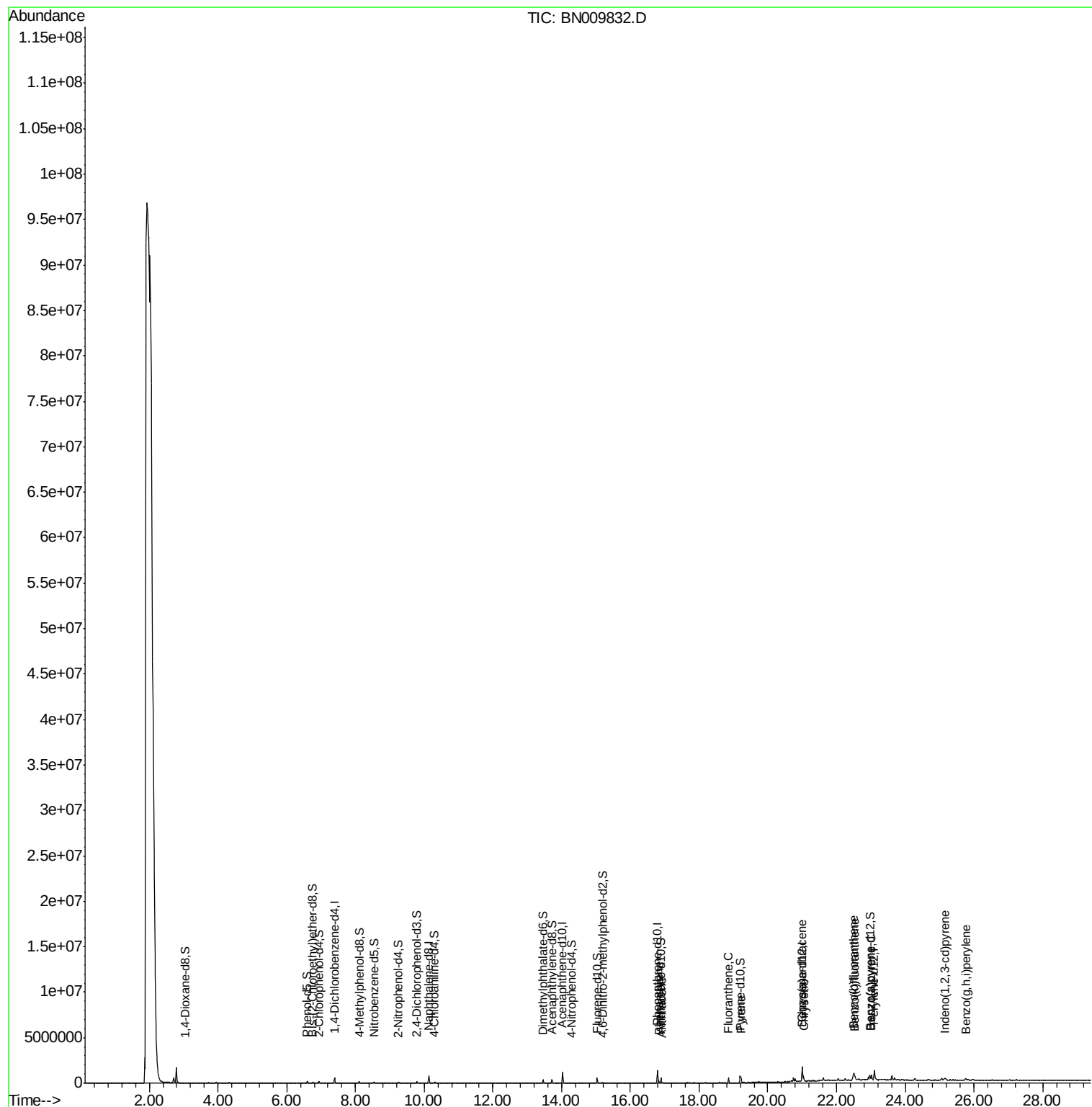
					Ovalue
70) Phenanthrene	16.83	178	176924	4.230 ng/ul	98
72) Anthracene	16.92	178	45668	1.068 ng/ul	100
77) Fluoranthene	18.86	202	298651	6.095 ng/ul	99
80) Pyrene	19.22	202	285977	6.246 ng/ul	100
83) Benzo(a)anthracene	20.99	228	216003	4.950 ng/ul	97
85) Chrysene	21.04	228	342192	7.965 ng/ul	98
88) Benzo(b)fluoranthene	22.49	252	421716	9.632 ng/ul	96
89) Benzo(k)fluoranthene	22.53	252	118861	2.867 ng/ul	100
91) Benzo(a)pyrene	23.01	252	225529	5.727 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.14	276	177930	3.806 ng/ul	94
94) Benzo(g,h,i)perylene	25.76	276	157368	4.014 ng/ul	100

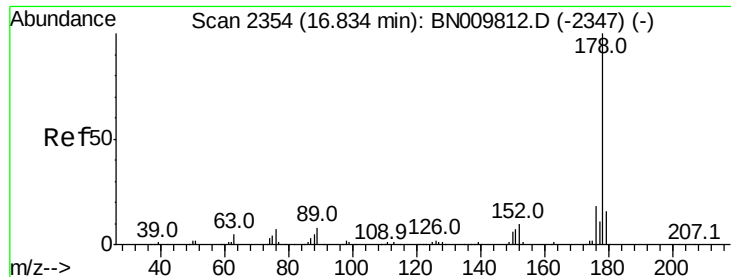
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022220\
Data File : BN009832.D
Acq On : 22 Feb 2020 06:26
Operator : CG/JU
Sample : L1535-15
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Feb 24 00:22:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 19 04:46:48 2020
Response via : Initial Calibration

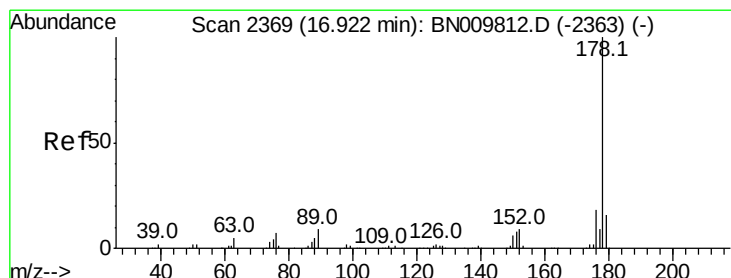
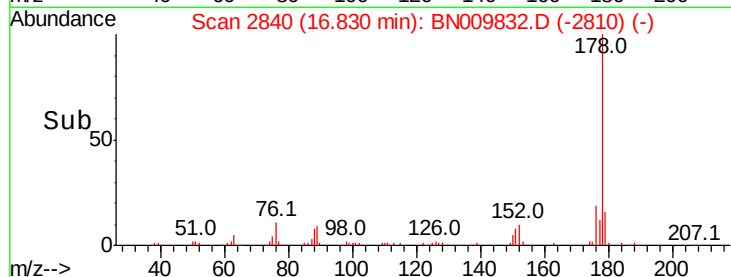
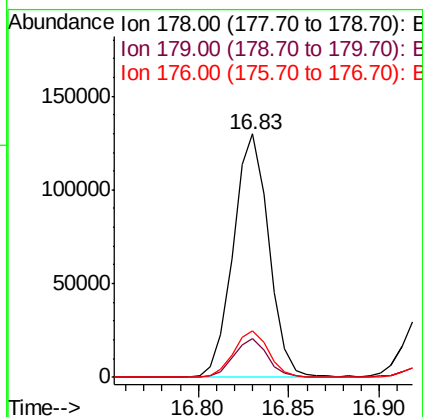
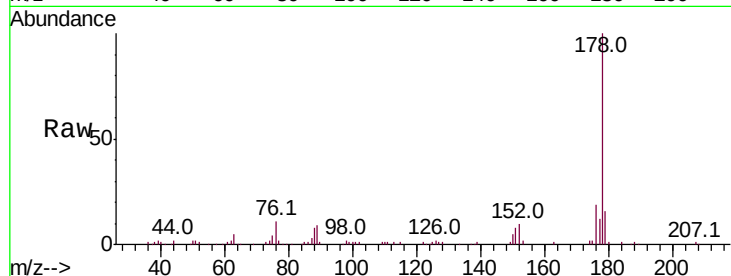




#70
Phenanthrene
Concen: 4.230 ng/ul
RT: 16.83 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

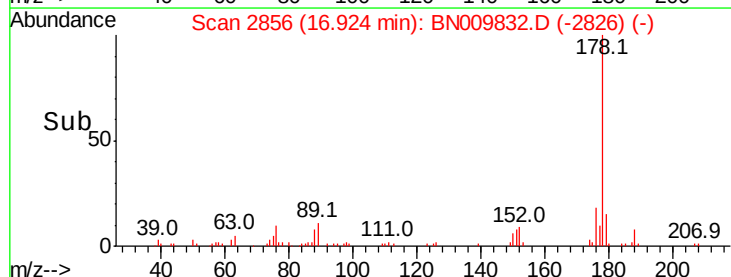
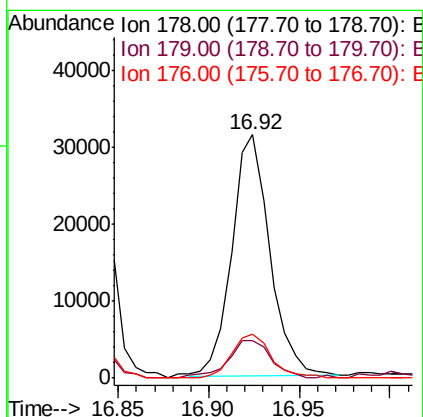
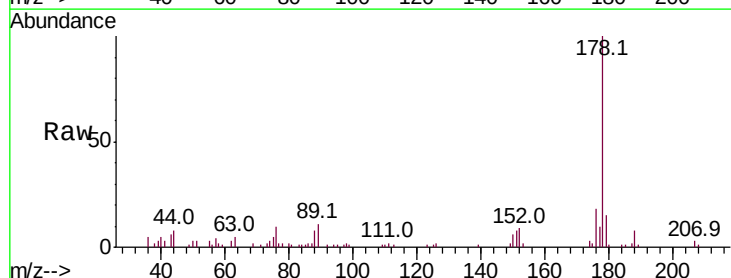
Instrument :
BNA_N
ClientSampleId :

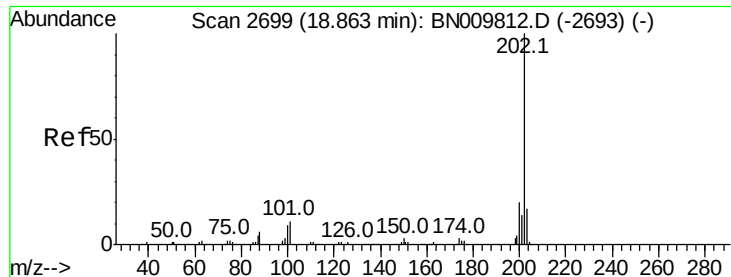
Tot Ion:178 Resp: 176924
Ion Ratio Lower Upper
178 100
179 16.0 12.5 18.7
176 19.4 14.6 22.0



#72
Anthracene
Concen: 1.068 ng/ul
RT: 16.92 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion:178 Resp: 45668
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.0 14.6 21.8

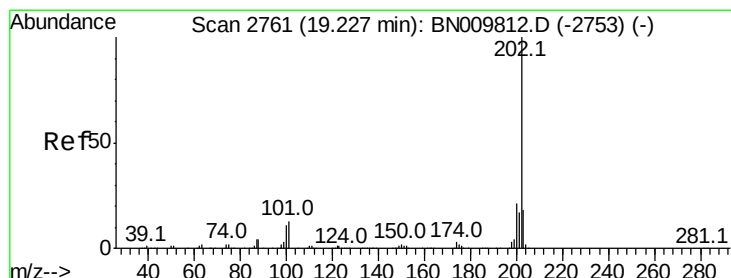
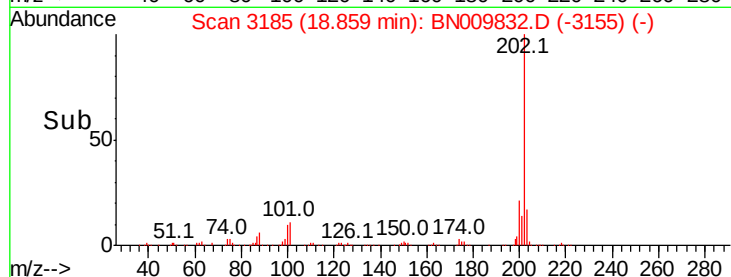
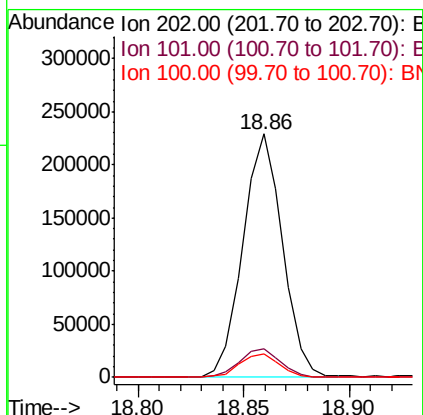
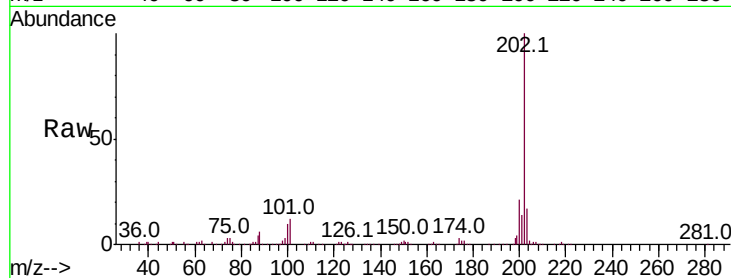




#77
 Fluoranthene
 Concen: 6.095 ng/ul
 RT: 18.86 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BN009832.D
 Acq: 22 Feb 2020 06:26

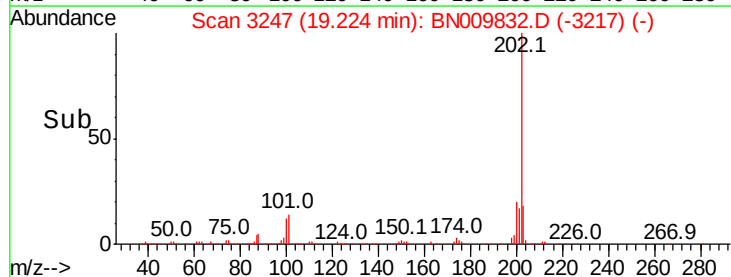
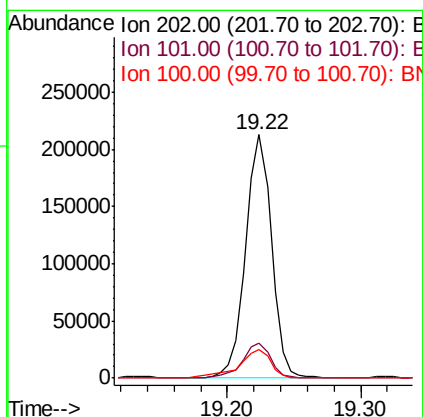
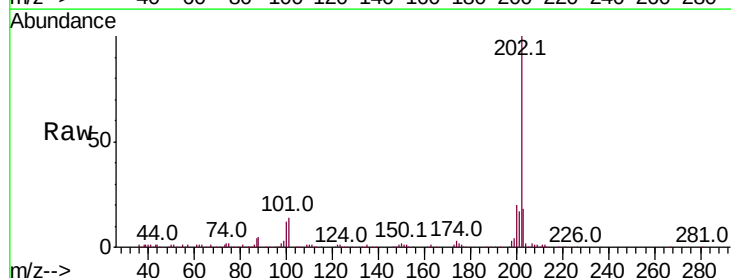
Instrument :
 BNA_N
 ClientSampleId :

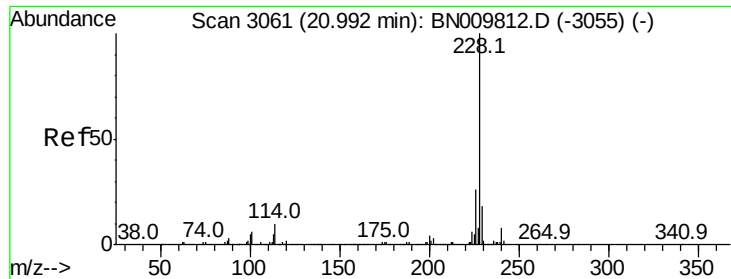
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.4	14.2
100	9.6	7.2	10.8



#80
 Pyrene
 Concen: 6.246 ng/ul
 RT: 19.22 min Scan# 3247
 Delta R.T. -0.02 min
 Lab File: BN009832.D
 Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.3	16.9
100	11.7	9.0	13.6

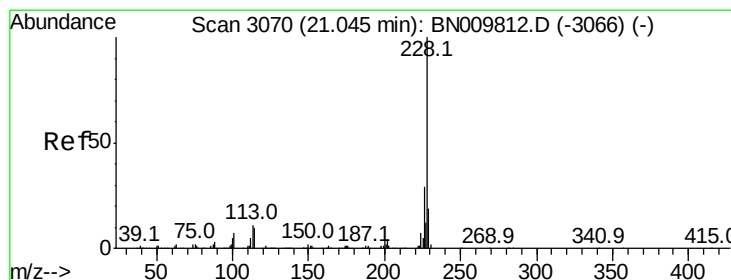
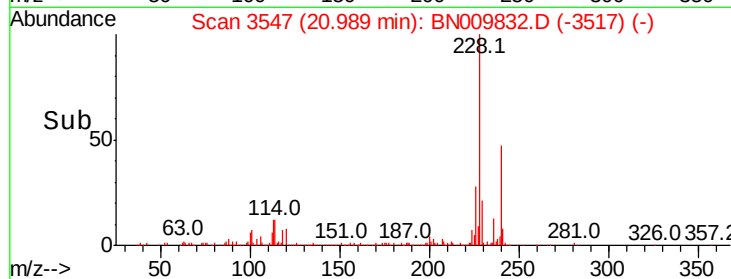
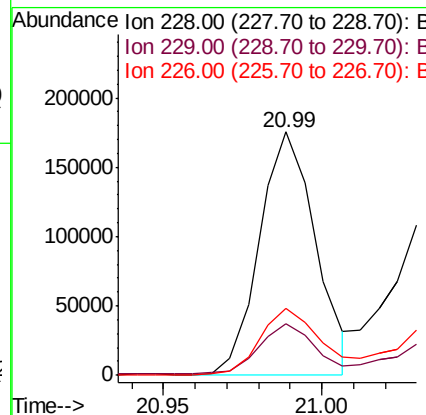
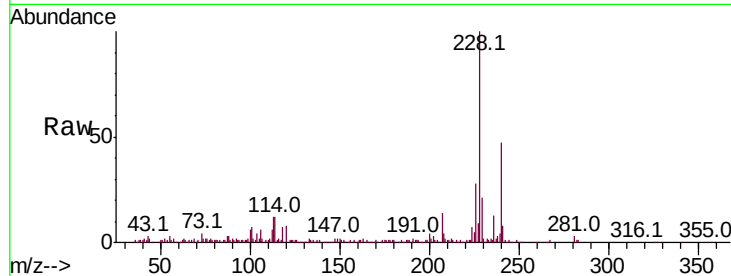




#83
Benzo(a)anthracene
Concen: 4.950 ng/ul
RT: 20.99 min Scan# 3547
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

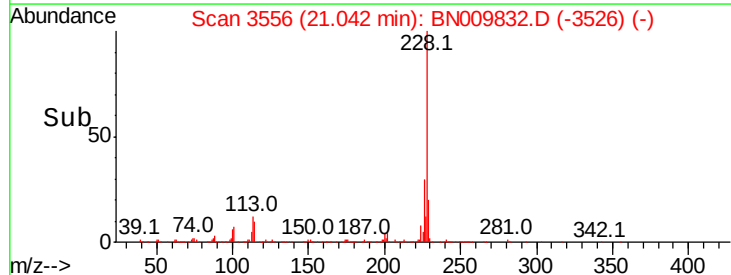
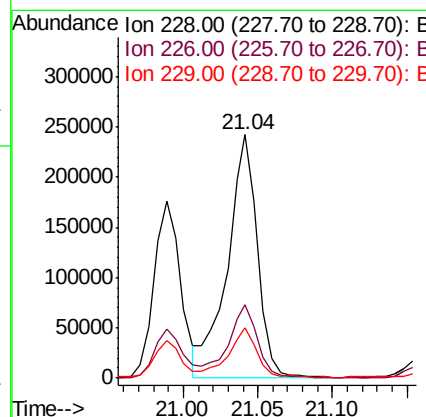
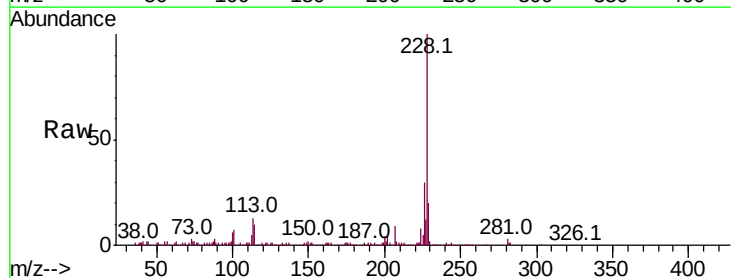
Instrument :
BNA_N
ClientSampleId :

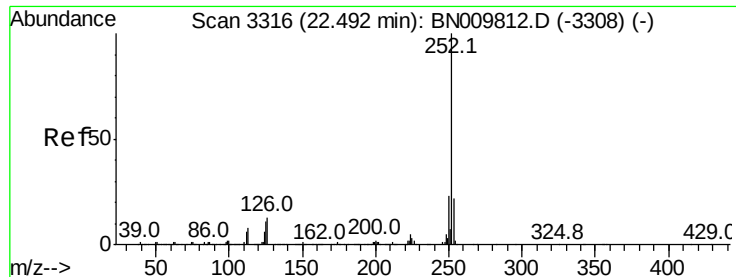
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.0	22.4
226	27.7	21.4	32.2



#85
Chrysene
Concen: 7.965 ng/ul
RT: 21.04 min Scan# 3556
Delta R.T. -0.02 min
Lab File: BN009832.D
Acq: 22 Feb 2020 06:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	20.4	15.0	22.4





#88

Benzo(b)fluoranthene

Concen: 9.632 ng/ul

RT: 22.49 min Scan# 3803

Delta R.T. -0.02 min

Lab File: BN009832.D

Acq: 22 Feb 2020 06:26

Instrument :

BNA_N

ClientSampled :

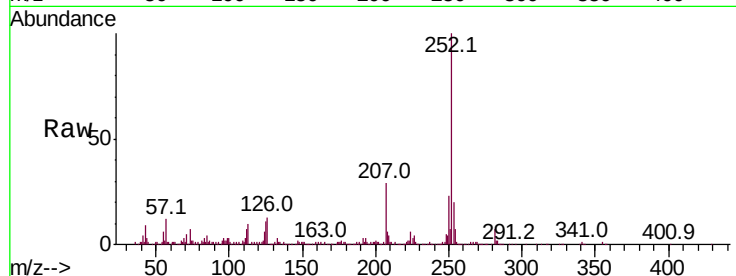
Tot Ion:252 Resp: 421716

Ion Ratio Lower Upper

252 100

253 19.6 17.0 25.4

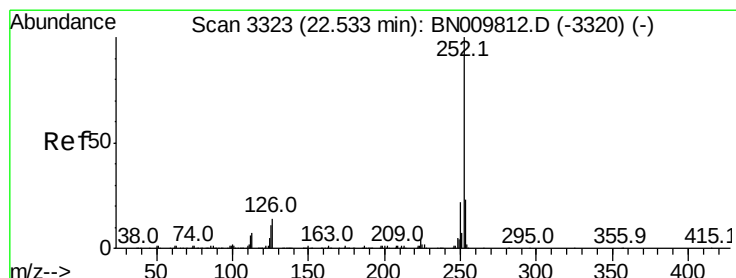
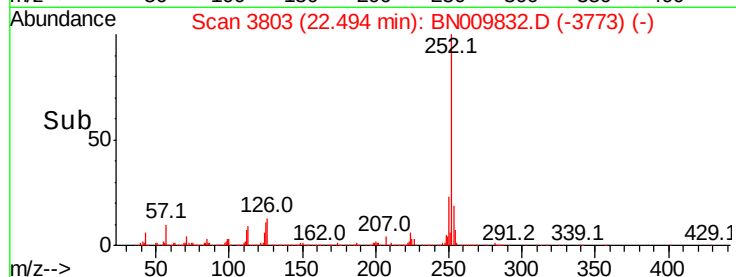
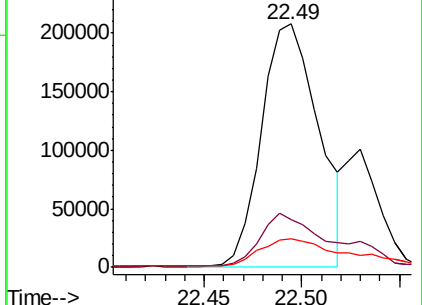
125 11.5 8.0 12.0



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



#89

Benzo(k)fluoranthene

Concen: 2.867 ng/ul

RT: 22.53 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BN009832.D

Acq: 22 Feb 2020 06:26

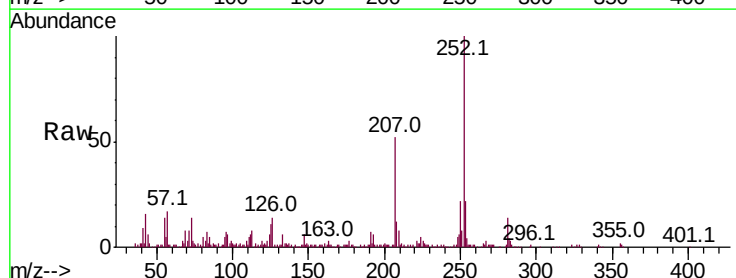
Tgt Ion:252 Resp: 118861

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

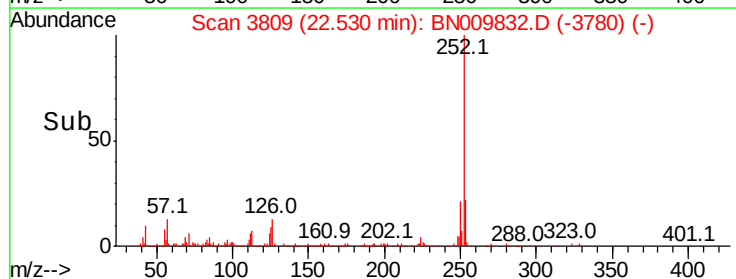
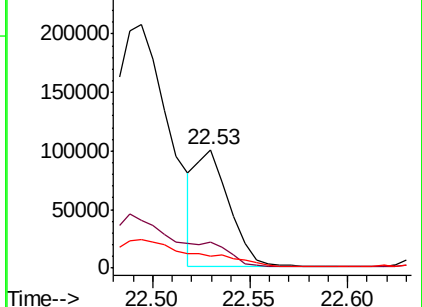
125 10.6 8.2 12.2

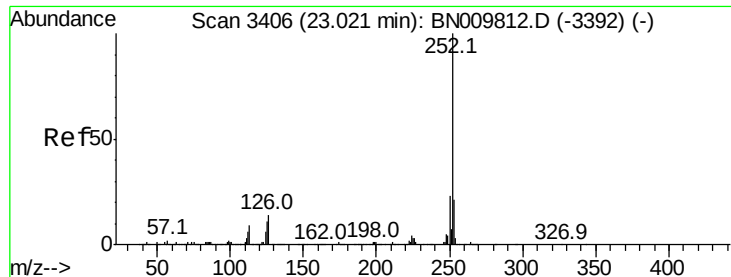


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 5.727 ng/ul

RT: 23.01 min Scan# 3891

Delta R.T. -0.03 min

Lab File: BN009832.D

Acq: 22 Feb 2020 06:26

Instrument :

BNA_N

ClientSampleId :

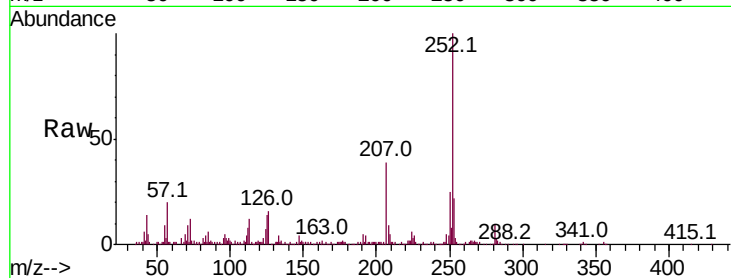
Tot Ion:252 Resp: 225529

Ion Ratio Lower Upper

252 100

253 22.4 17.4 26.0

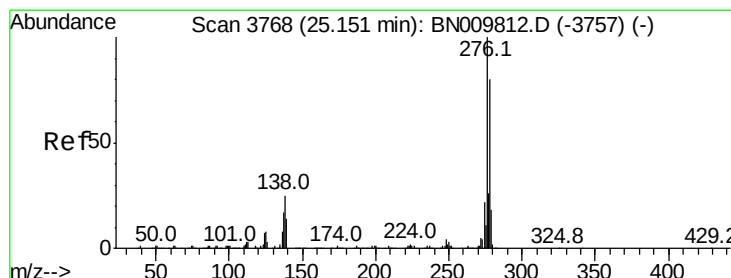
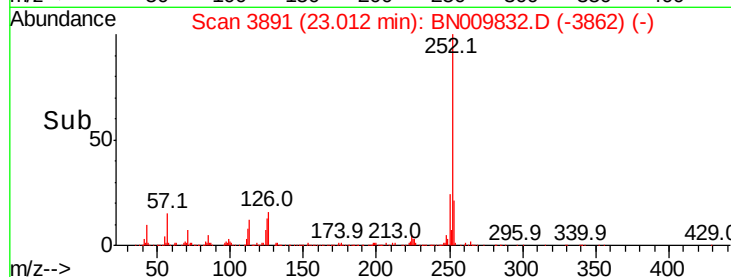
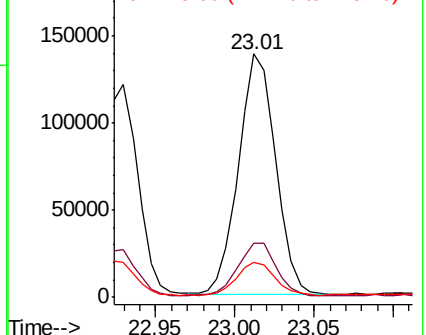
125 14.4 9.0 13.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 3.806 ng/ul

RT: 25.14 min Scan# 4253

Delta R.T. -0.04 min

Lab File: BN009832.D

Acq: 22 Feb 2020 06:26

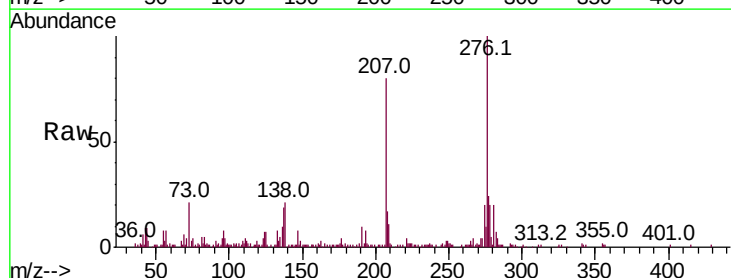
Tgt Ion:276 Resp: 177930

Ion Ratio Lower Upper

276 100

138 21.2 20.9 31.3

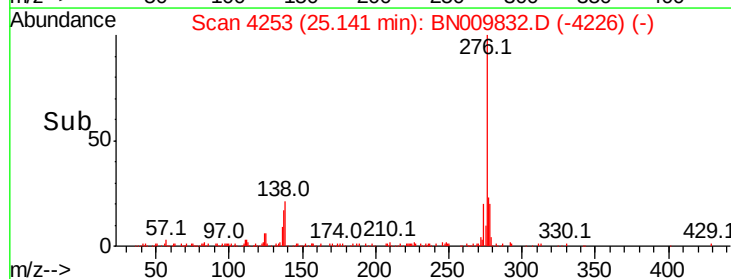
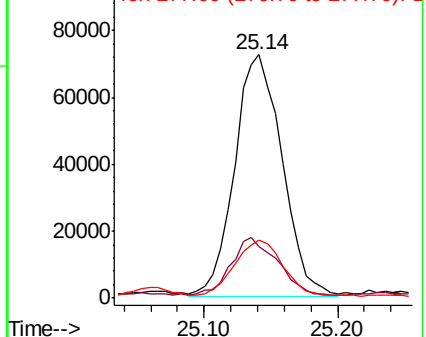
277 23.7 18.2 27.4

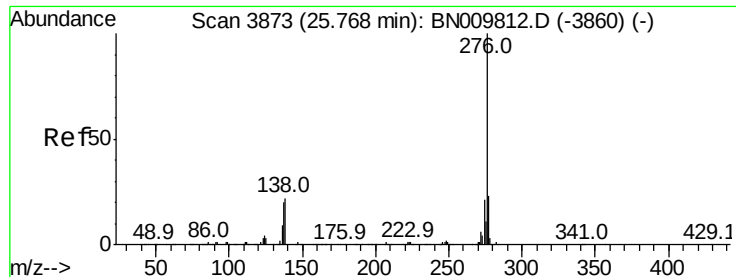


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 4.014 ng/ul

RT: 25.76 min Scan# 4358

Delta R.T. -0.04 min

Lab File: BN009832.D

Acq: 22 Feb 2020 06:26

Instrument :

BNA_N

ClientSampleId :

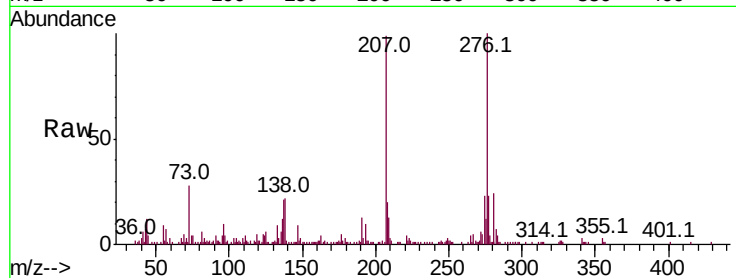
Tot Ion:276 Resp: 157368

Ion Ratio Lower Upper

276 100

138 21.7 17.5 26.3

277 22.8 18.1 27.1



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

