

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011493.D
 Acq On : 18 Aug 2020 20:19
 Operator : CG/JU
 Sample : L3611-21
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM6

Quant Time: Aug 19 02:21:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081420MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 19 02:19:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	151728	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	583650	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	362291	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	810106	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	869234	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	881068	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	6805	2.15	ng/uL	0.00
5) Phenol-d5	6.63	99	169663	15.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	96638	17.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	150572	15.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	117670	13.51	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	75549	16.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	81912	16.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	143445	14.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	176991	15.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	501662	17.78	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	582911	17.17	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	55286	11.57	ng/ul	0.00
58) Fluorene-d10	15.07	176	420644	17.03	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	55717	10.37	ng/ul	0.00
71) Anthracene-d10	16.92	188	628932	16.25	ng/ul	0.00
79) Pyrene-d10	19.23	212	731248	16.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	719237	14.70	ng/ul	0.00

Target Compounds

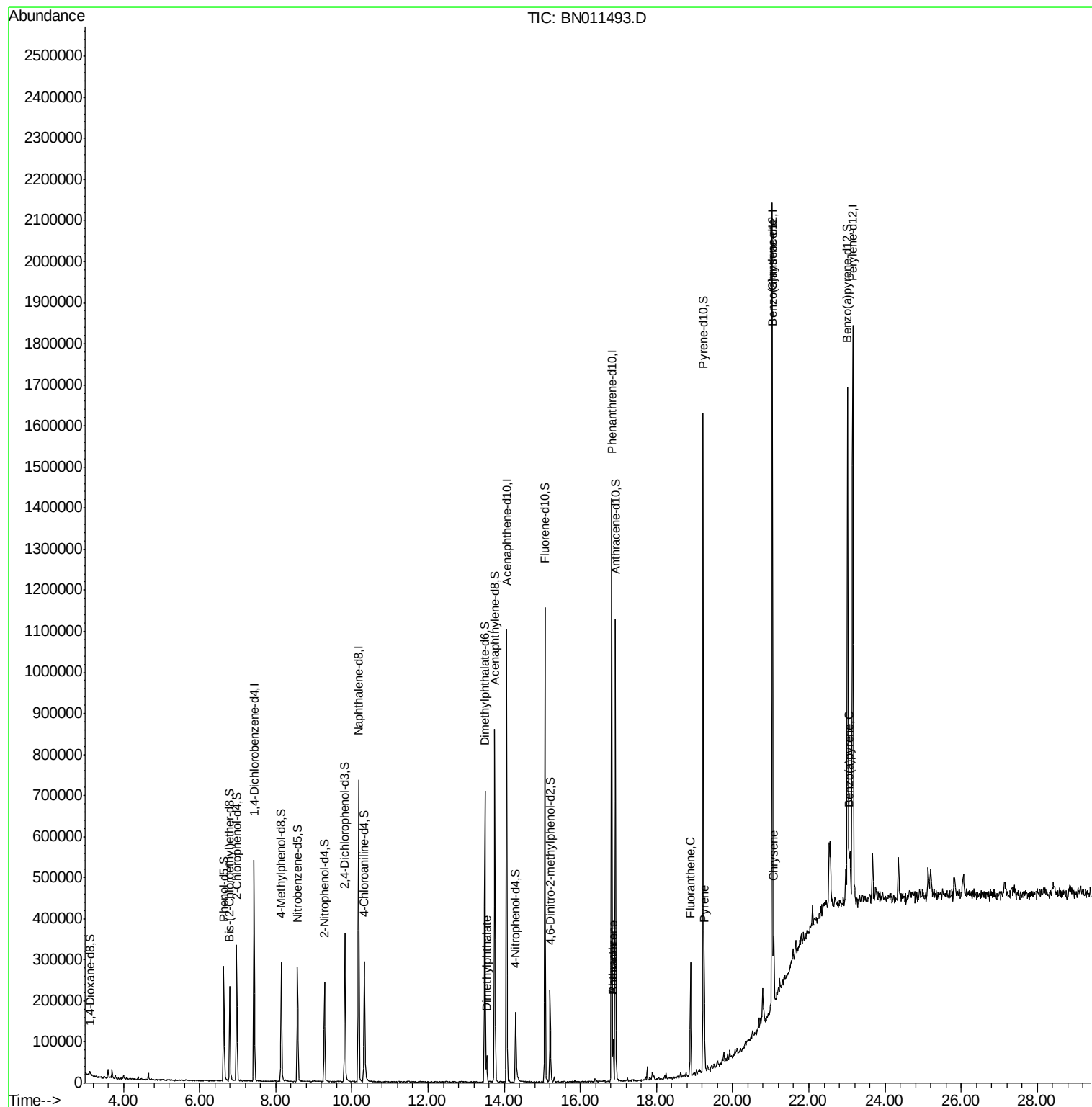
					Ovalue	
45) Dimethylphthalate	13.54	163	40280	1.391	ng/ul#	96
70) Phenanthrene	16.86	178	58364	1.215	ng/ul	99
72) Anthracene	16.86	178	58364	1.199	ng/ul	97
77) Fluoranthene	18.89	202	161075	2.740	ng/ul	99
80) Pyrene	19.26	202	132988	2.174	ng/ul	97
83) Benzo(a)anthracene	21.03	228	74512	1.288	ng/ul	96
85) Chrysene	21.07	228	94176	1.640	ng/ul	95
91) Benzo(a)pyrene	23.06	252	67592	1.191	ng/ul#	93

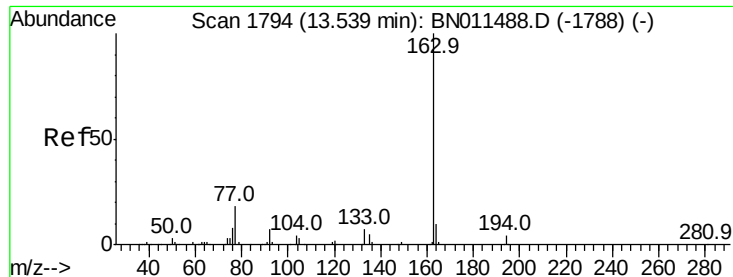
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 1.391 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. 0.00 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

Instrument :

BNA_N

ClientSampleId :

DBFM6

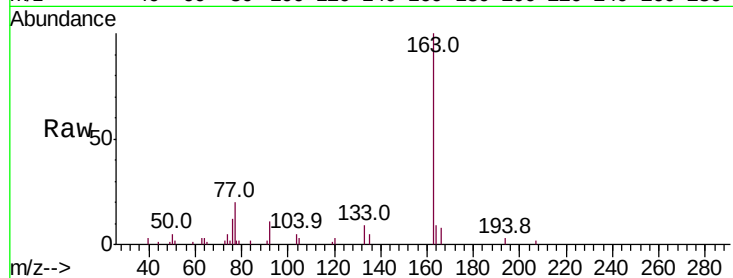
Tot Ion:163 Resp: 40280

Ion Ratio Lower Upper

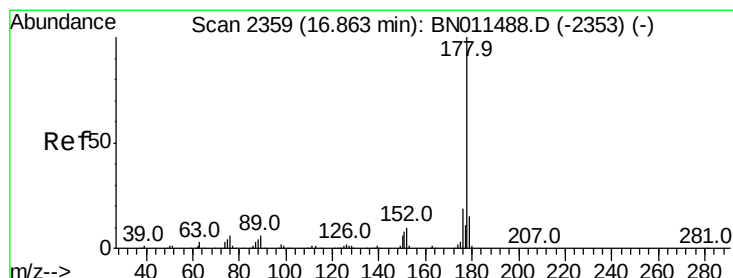
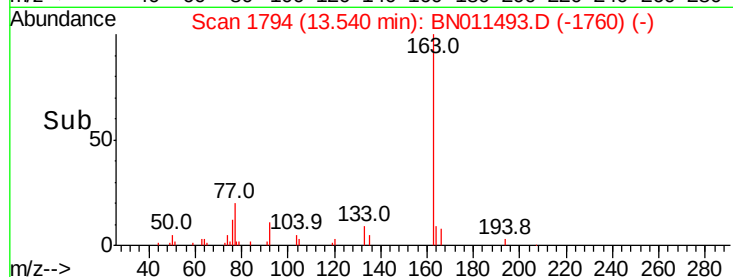
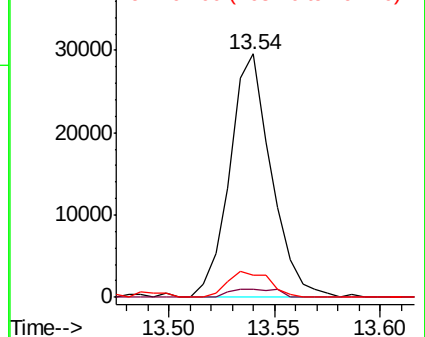
163 100

194 3.4 3.8 5.6#

164 9.3 8.7 13.1



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



#70

Phenanthrene

Concen: 1.215 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

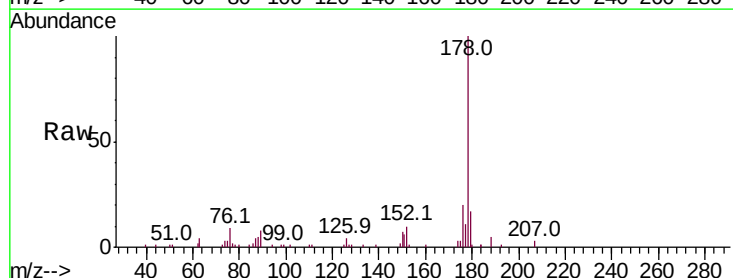
Tgt Ion:178 Resp: 58364

Ion Ratio Lower Upper

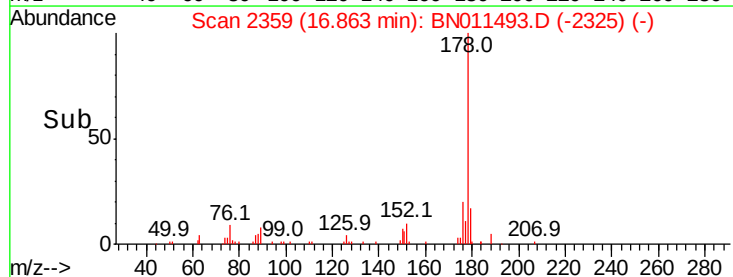
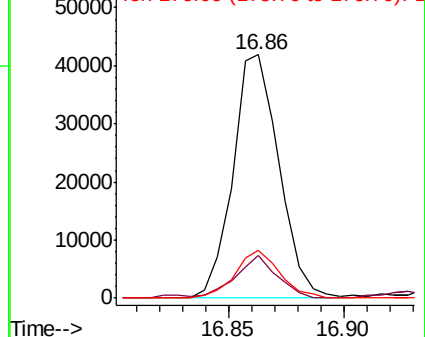
178 100

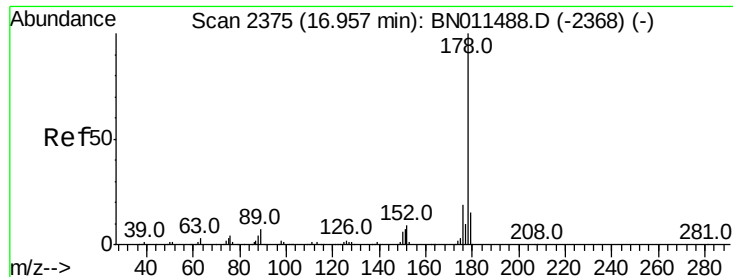
179 17.5 13.1 19.7

176 19.8 15.7 23.5



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





#72

Anthracene

Concen: 1.199 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.09 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

Instrument :

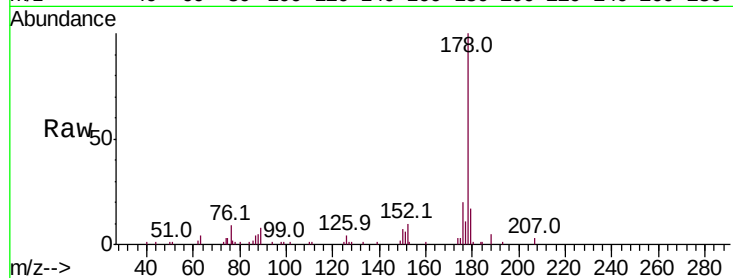
BNA_N

ClientSampleId :

DBFM6

Tot Ion:178 Resp: 58364

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.0	19.4
176	19.8	14.6	21.8

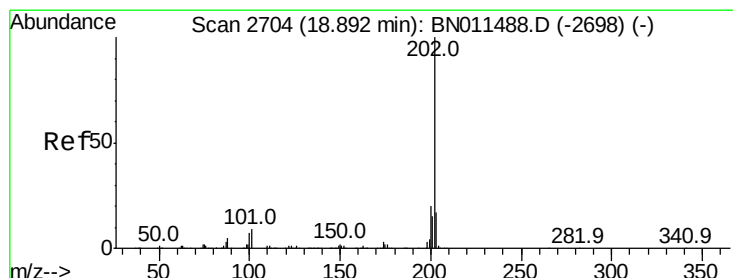
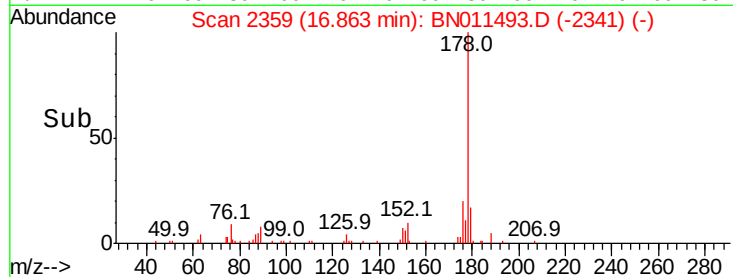
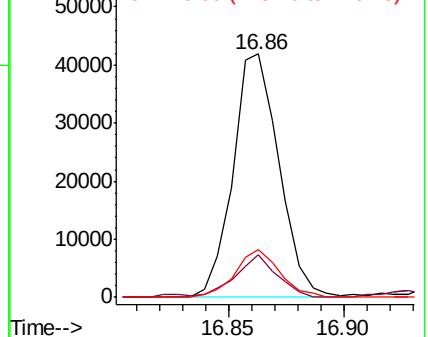


Abundance

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



#77

Fluoranthene

Concen: 2.740 ng/ul

RT: 18.89 min Scan# 2704

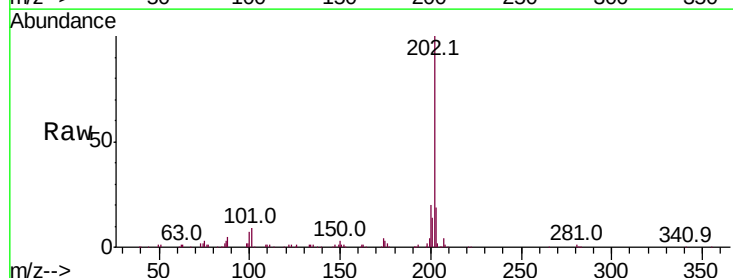
Delta R.T. 0.00 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

Tgt Ion:202 Resp: 161075

Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.3	10.9
100	7.3	5.2	7.8

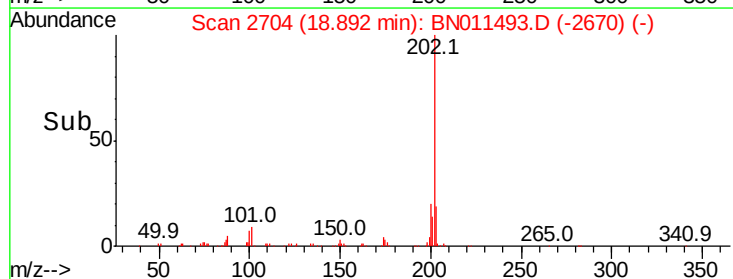
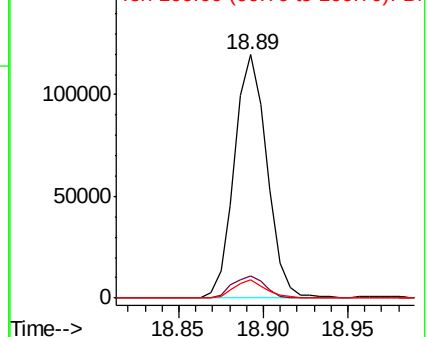


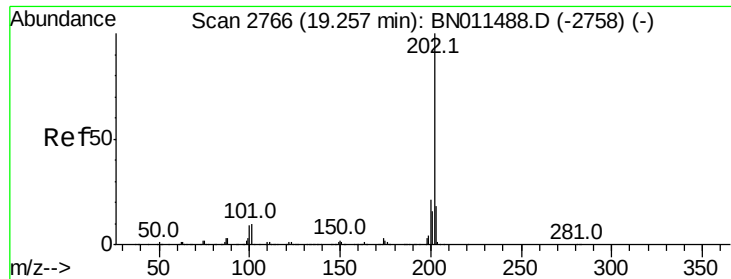
Abundance

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

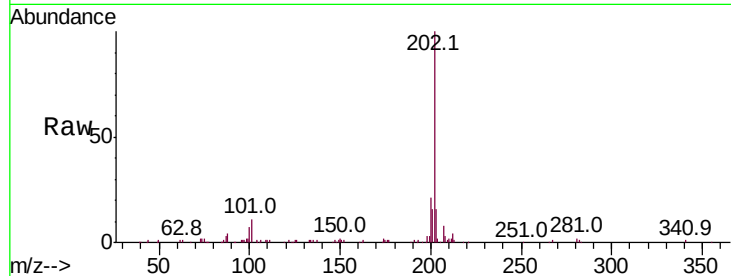




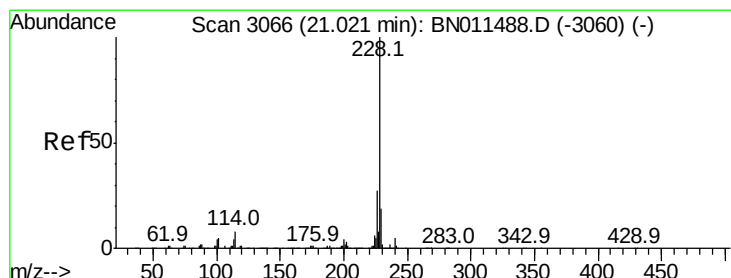
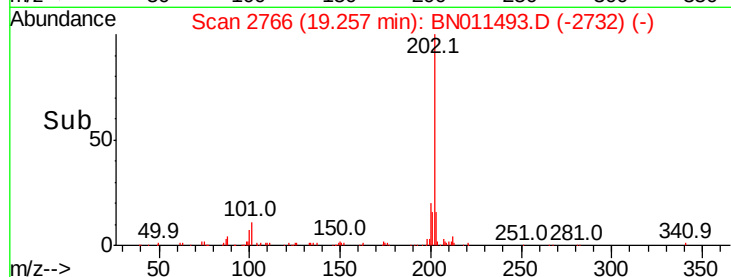
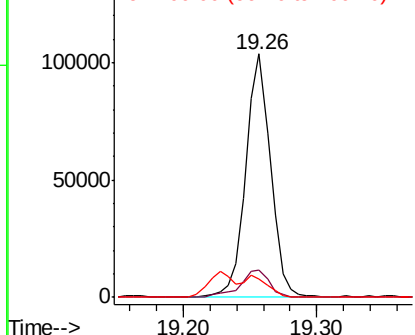
#80
Pvrene
Concen: 2.174 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BN011493.D
Acq: 18 Aug 2020 20:19

Instrument :
BNA_N
ClientSampleId :
DBFM6

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.8	11.8
100	7.4	6.5	9.7

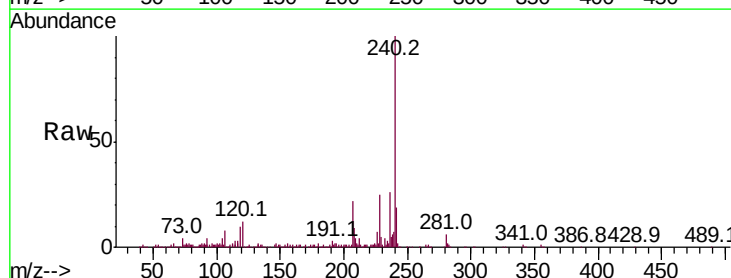


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

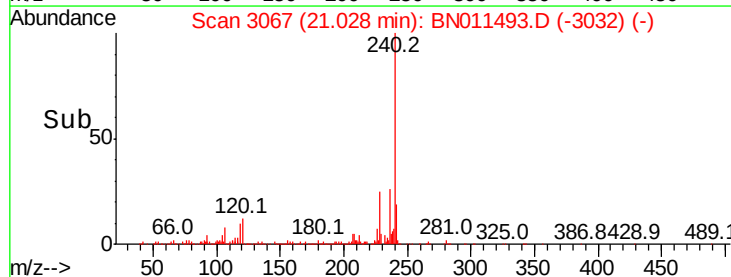
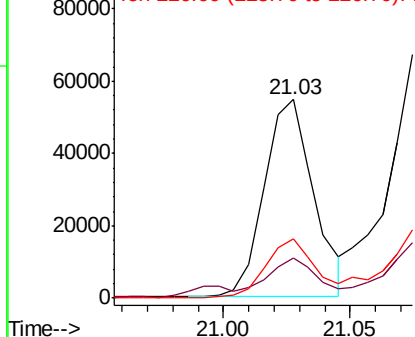


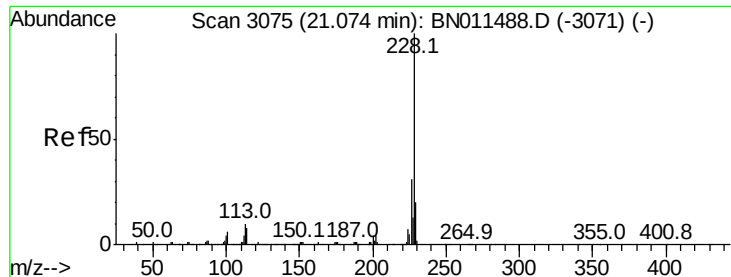
#83
Benzo(a)anthracene
Concen: 1.288 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. 0.01 min
Lab File: BN011493.D
Acq: 18 Aug 2020 20:19

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.0	22.4
226	29.6	21.5	32.3



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 1.640 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

Instrument :

BNA_N

ClientSampleId :

DBFM6

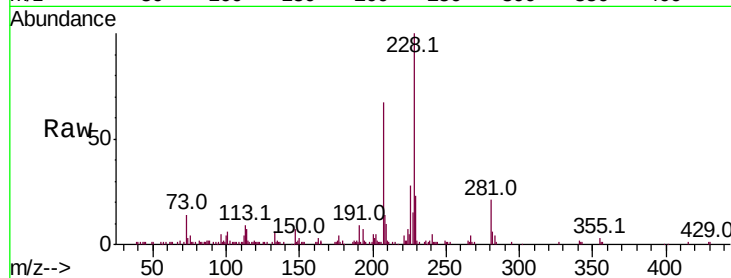
Tot Ion:228 Resp: 94176

Ion Ratio Lower Upper

228 100

226 27.9 23.5 35.3

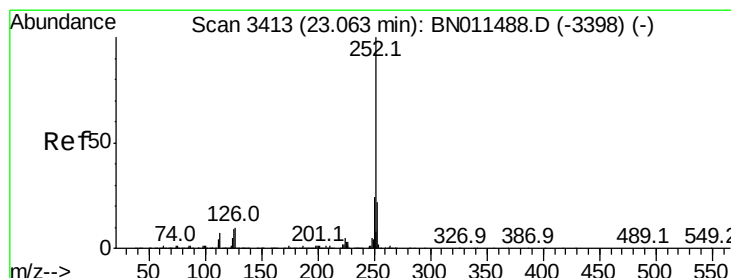
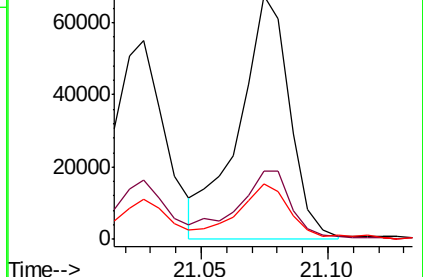
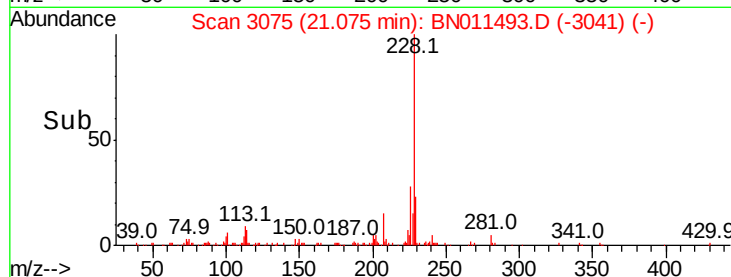
229 22.5 15.0 22.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#91

Benzo(a)pyrene

Concen: 1.191 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN011493.D

Acq: 18 Aug 2020 20:19

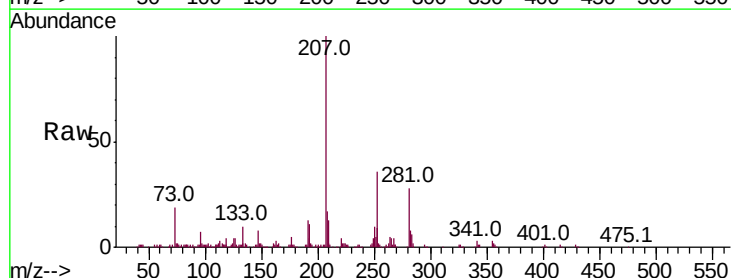
Tgt Ion:252 Resp: 67592

Ion Ratio Lower Upper

252 100

253 23.8 16.6 25.0

125 12.0 7.1 10.7#



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

