

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011495.D
 Acq On : 18 Aug 2020 21:30
 Operator : CG/JU
 Sample : L3611-12
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFL7

Quant Time: Aug 19 02:21:44 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	136592	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	525165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	321760	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	649224	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	693330	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	695278	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3742	1.31	ng/uL	0.01
5) Phenol-d5	6.63	99	151474	15.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	86492	17.57	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	136681	15.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	121649	15.51	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	65750	16.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	70918	15.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	129417	14.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	159685	15.44	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	435203	17.37	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	479369	15.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	46062	10.85	ng/ul	0.00
58) Fluorene-d10	15.07	176	357435	16.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	46990	10.91	ng/ul	0.00
71) Anthracene-d10	16.92	188	492691	15.89	ng/ul	0.00
79) Pyrene-d10	19.23	212	573499	16.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	571592	14.80	ng/ul	0.00

Target Compounds

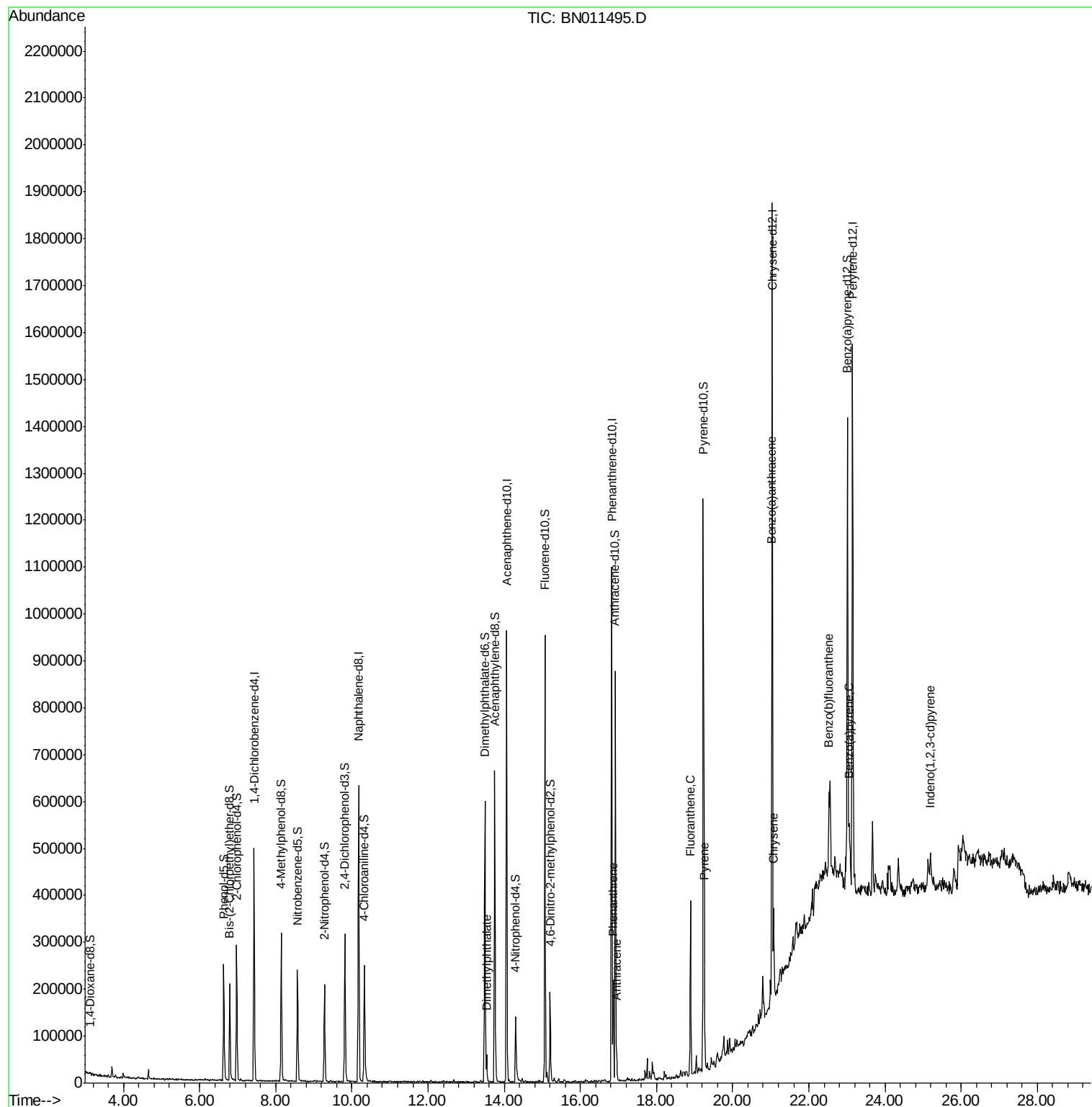
				Ovalue	
45) Dimethylphthalate	13.54	163	36990	1.438	ng/ul# 96
70) Phenanthrene	16.86	178	123713	3.213	ng/ul 96
72) Anthracene	16.95	178	39286	1.007	ng/ul 99
77) Fluoranthene	18.89	202	216344	4.591	ng/ul 99
80) Pyrene	19.26	202	177235	3.633	ng/ul 98
83) Benzo(a)anthracene	21.02	228	97466	2.113	ng/ul 92
85) Chrysene	21.07	228	92131	2.011	ng/ul 96
88) Benzo(b)fluoranthene	22.53	252	152586	3.139	ng/ul# 98
91) Benzo(a)pyrene	23.06	252	76624	1.711	ng/ul# 90
92) Indeno(1,2,3-cd)pyrene	25.19	276	60540	1.055	ng/ul# 93

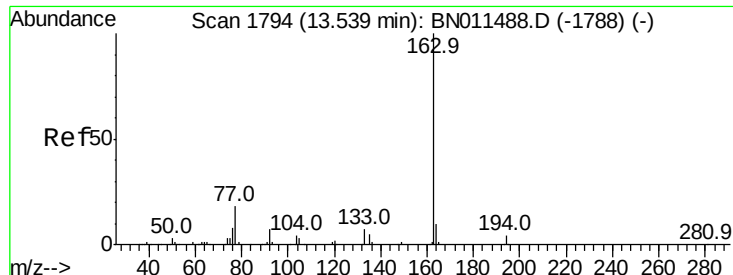
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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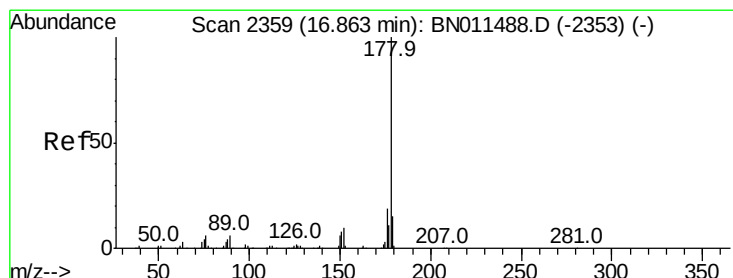
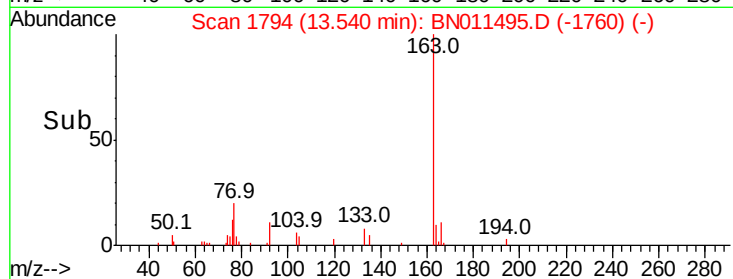
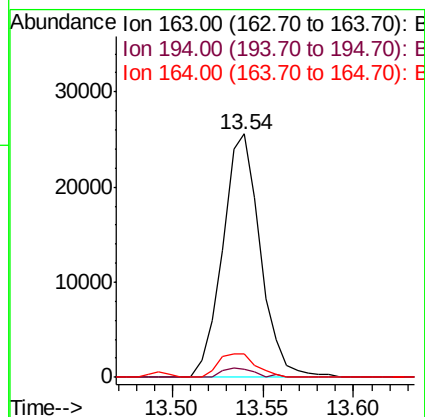
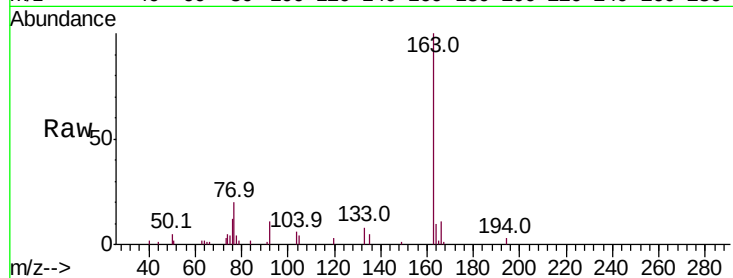




#45
 Dimethylphthalate
 Concen: 1.438 ng/ul
 RT: 13.54 min Scan# 1794
 Delta R.T. 0.00 min
 Lab File: BN011495.D
 Acq: 18 Aug 2020 21:30

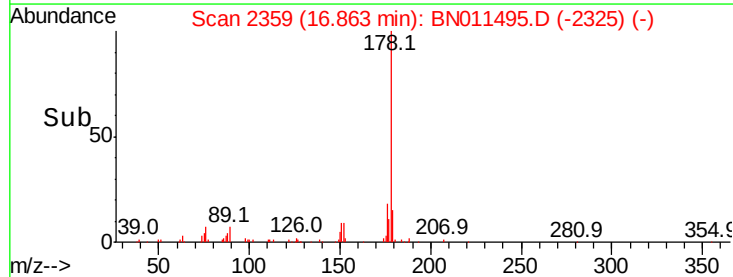
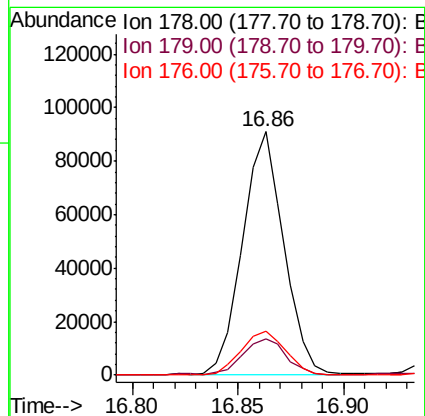
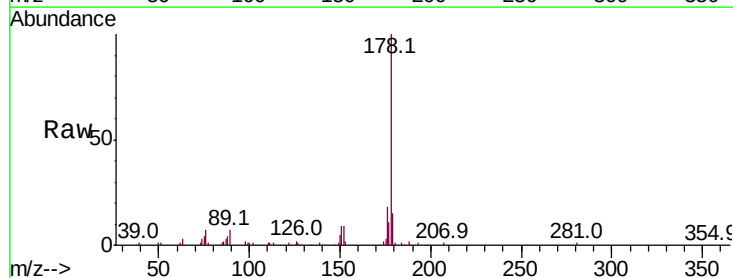
Instrument :
 BNA_N
 ClientSampleId :
 DBFL7

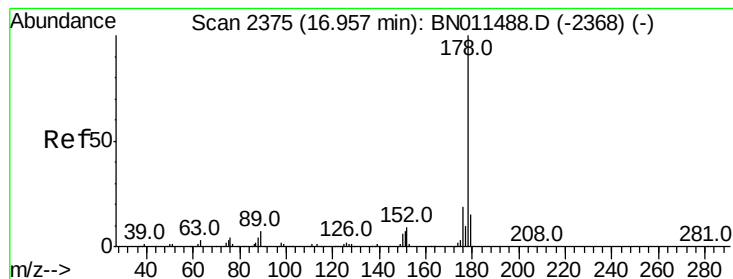
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.8	5.6#
164	9.5	8.7	13.1



#70
 Phenanthrene
 Concen: 3.213 ng/ul
 RT: 16.86 min Scan# 2359
 Delta R.T. 0.00 min
 Lab File: BN011495.D
 Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.8	13.1	19.7
176	17.8	15.7	23.5





#72

Anthracene

Concen: 1.007 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011495.D

Acq: 18 Aug 2020 21:30

Instrument :

BNA_N

ClientSampleId :

DBFL7

Tot Ion:178 Resp: 39286

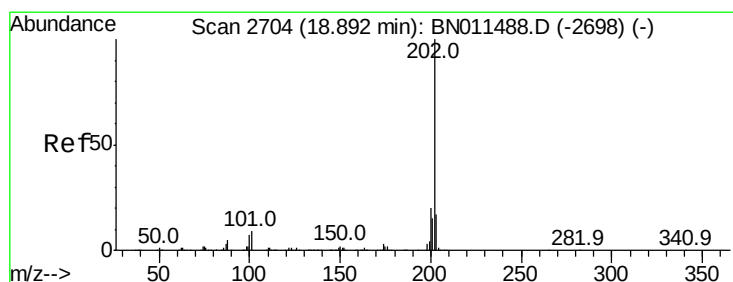
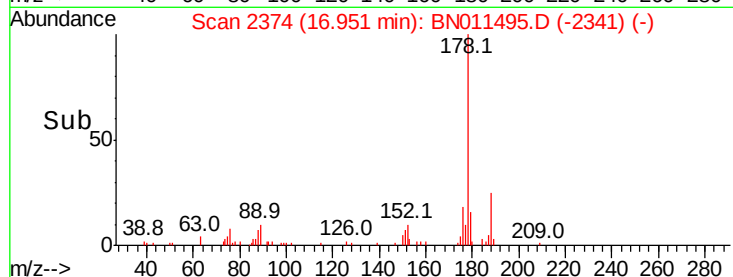
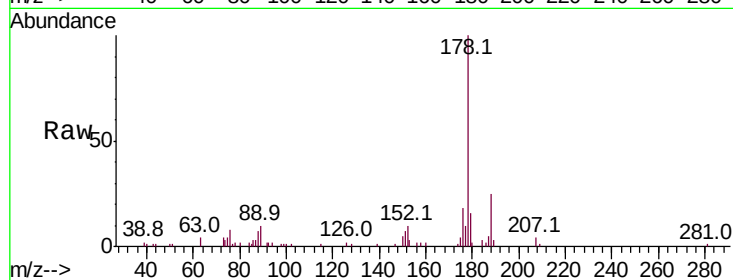
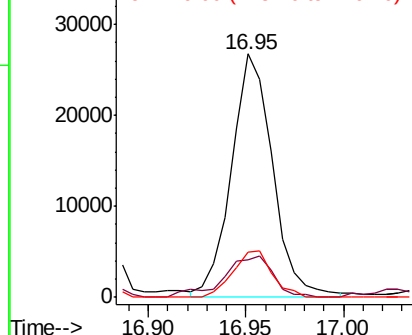
Ion	Ratio	Lower	Upper
178	100		
179	15.5	13.0	19.4
176	18.4	14.6	21.8

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: 4.591 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. 0.00 min

Lab File: BN011495.D

Acq: 18 Aug 2020 21:30

Tgt Ion:202 Resp: 216344

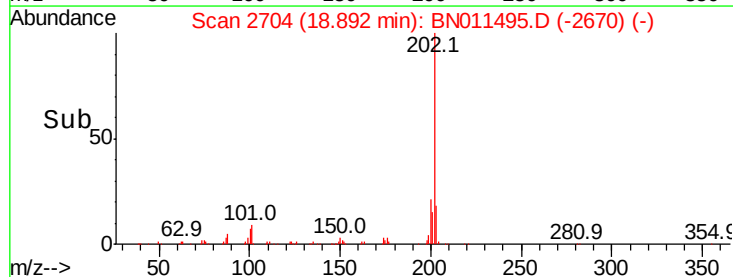
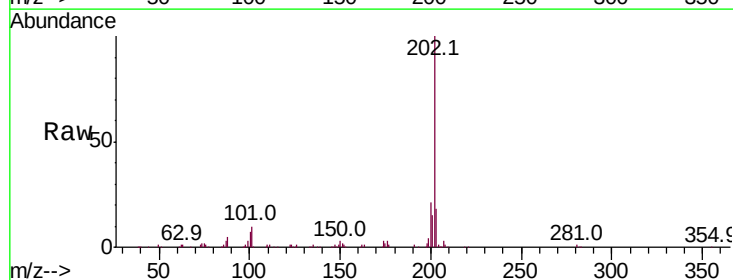
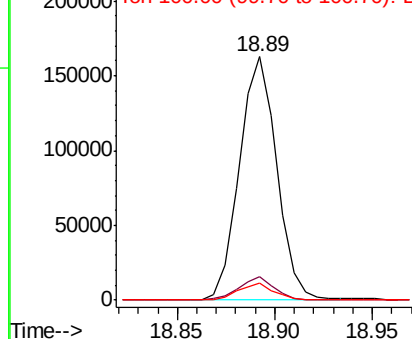
Ion	Ratio	Lower	Upper
202	100		
101	9.5	7.3	10.9
100	6.9	5.2	7.8

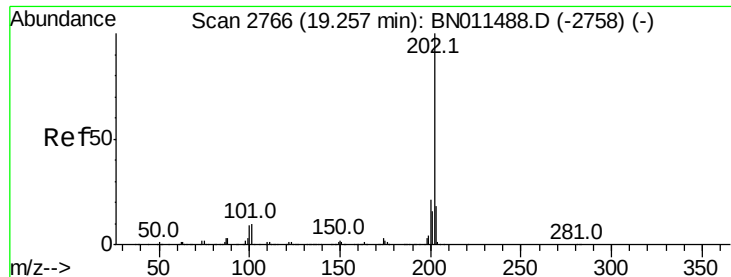
Abundance

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

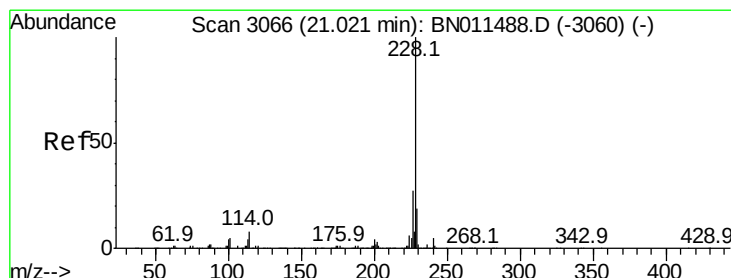
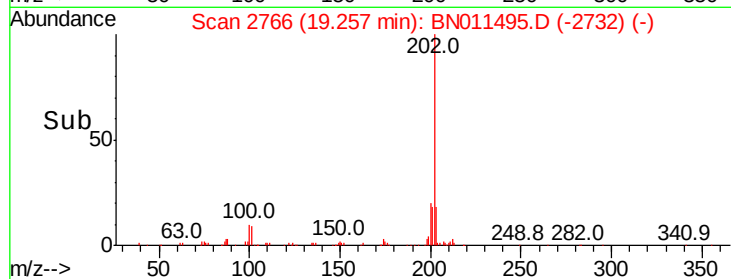
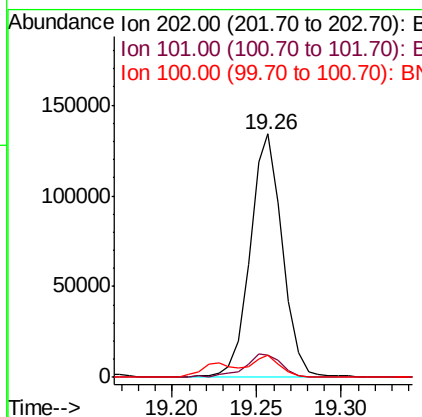
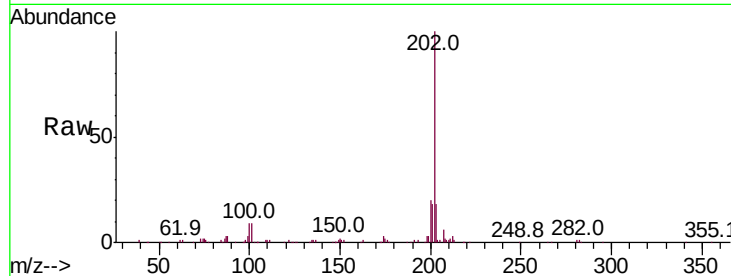




#80
Pvrene
Concen: 3.633 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BN011495.D
Acq: 18 Aug 2020 21:30

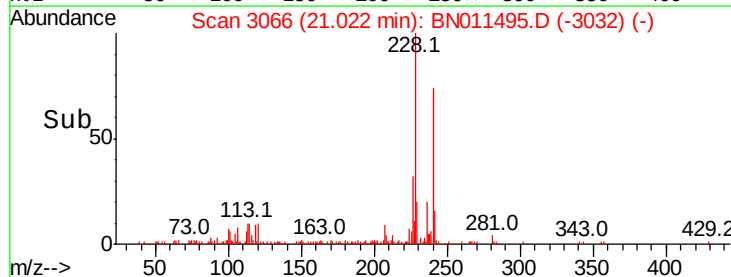
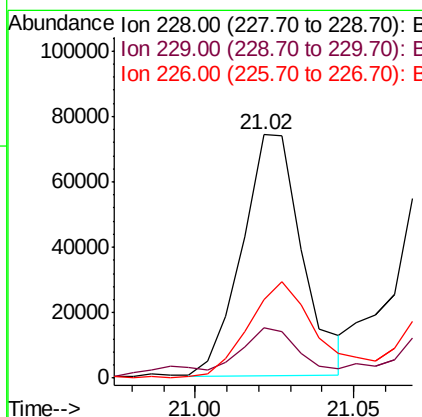
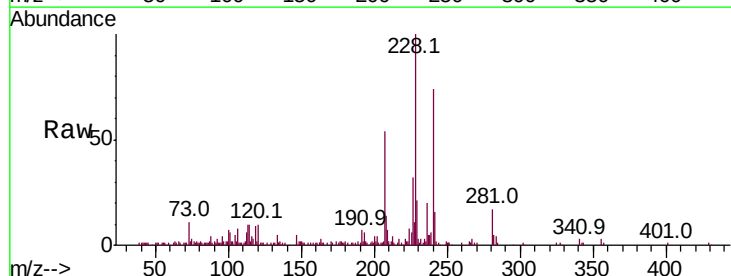
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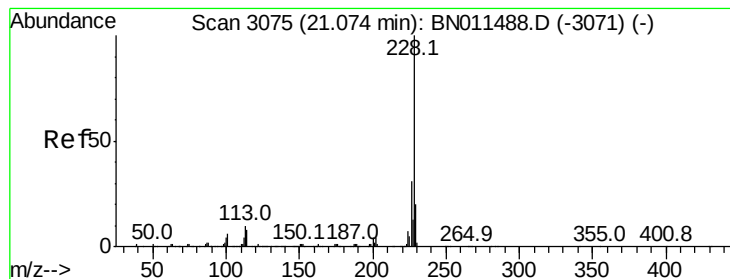
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.8	11.8
100	9.2	6.5	9.7



#83
Benzo(a)anthracene
Concen: 2.113 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BN011495.D
Acq: 18 Aug 2020 21:30

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.0	22.4
226	32.2	21.5	32.3





#85

Chrysene

Concen: 2.011 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN011495.D

Acq: 18 Aug 2020 21:30

Instrument :

BNA_N

ClientSampleId :

DBFL7

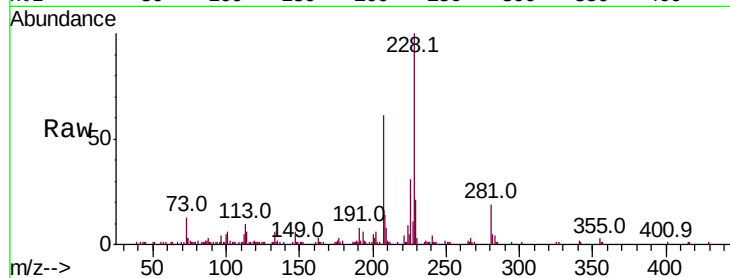
Tot Ion:228 Resp: 92131

Ion Ratio Lower Upper

228 100

226 31.4 23.5 35.3

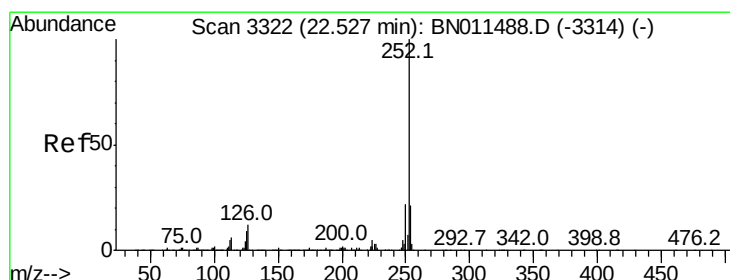
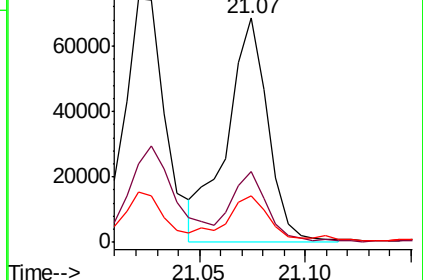
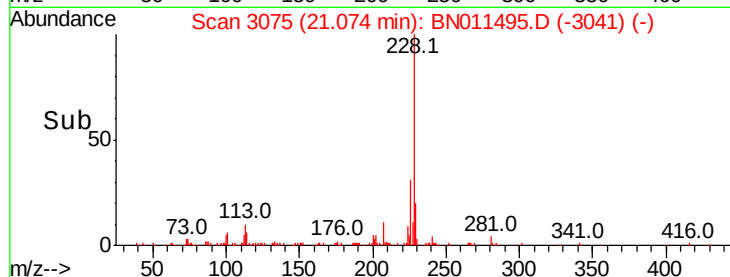
229 20.8 15.0 22.6



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



#88

Benzo(b)fluoranthene

Concen: 3.139 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BN011495.D

Acq: 18 Aug 2020 21:30

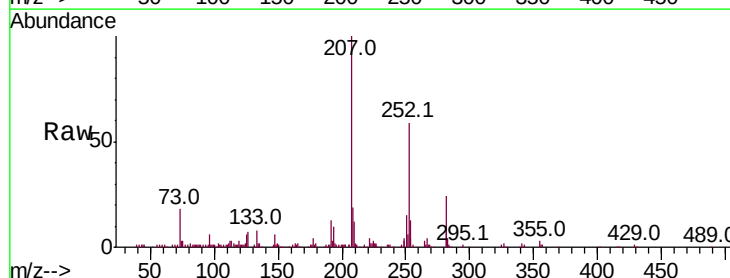
Tgt Ion:252 Resp: 152586

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

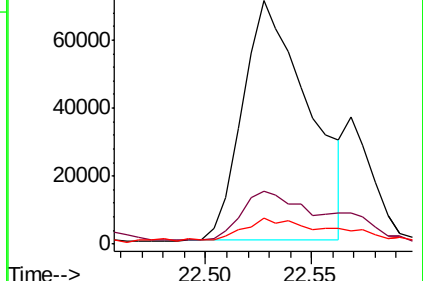
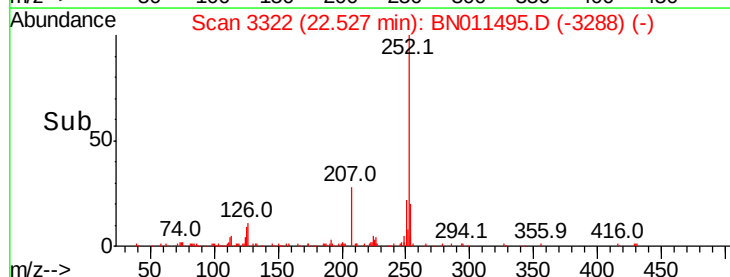
125 10.8 6.6 9.8#

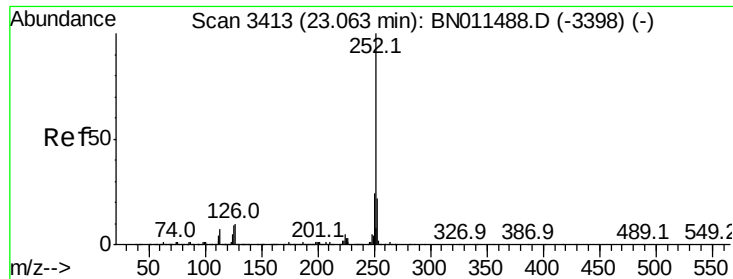


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.711 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN011495.D

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ClientSampleId :

DBFL7

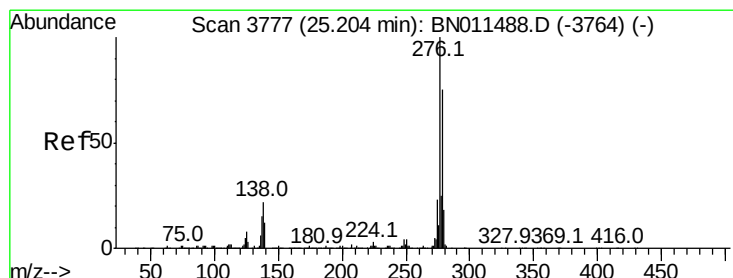
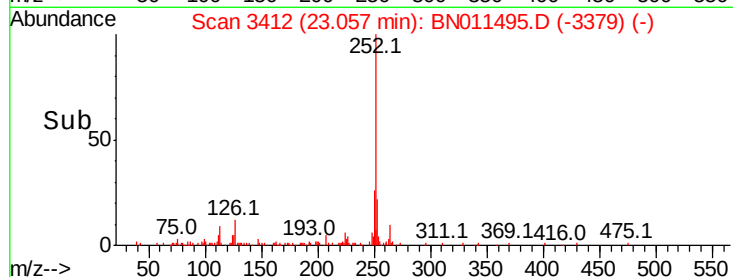
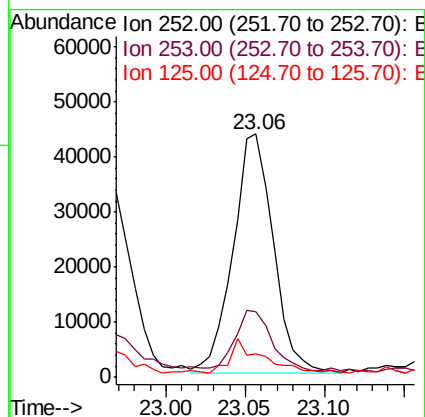
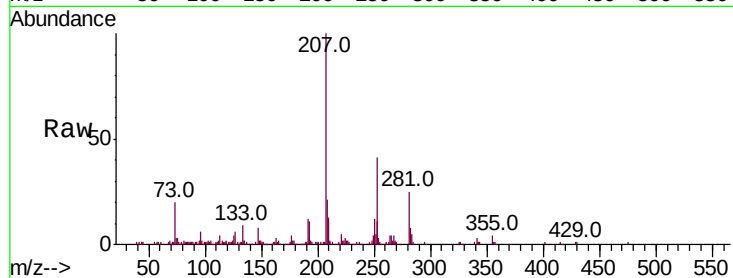
Tot Ion:252 Resp: 76624

Ion Ratio Lower Upper

252 100

253 26.8 16.6 25.0#

125 9.5 7.1 10.7



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.055 ng/ul

RT: 25.19 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BN011495.D

Acq: 18 Aug 2020 21:30

Tgt Ion:276 Resp: 60540

Ion Ratio Lower Upper

276 100

138 16.0 17.0 25.4#

277 24.3 18.1 27.1

