

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 21 04:55:07 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

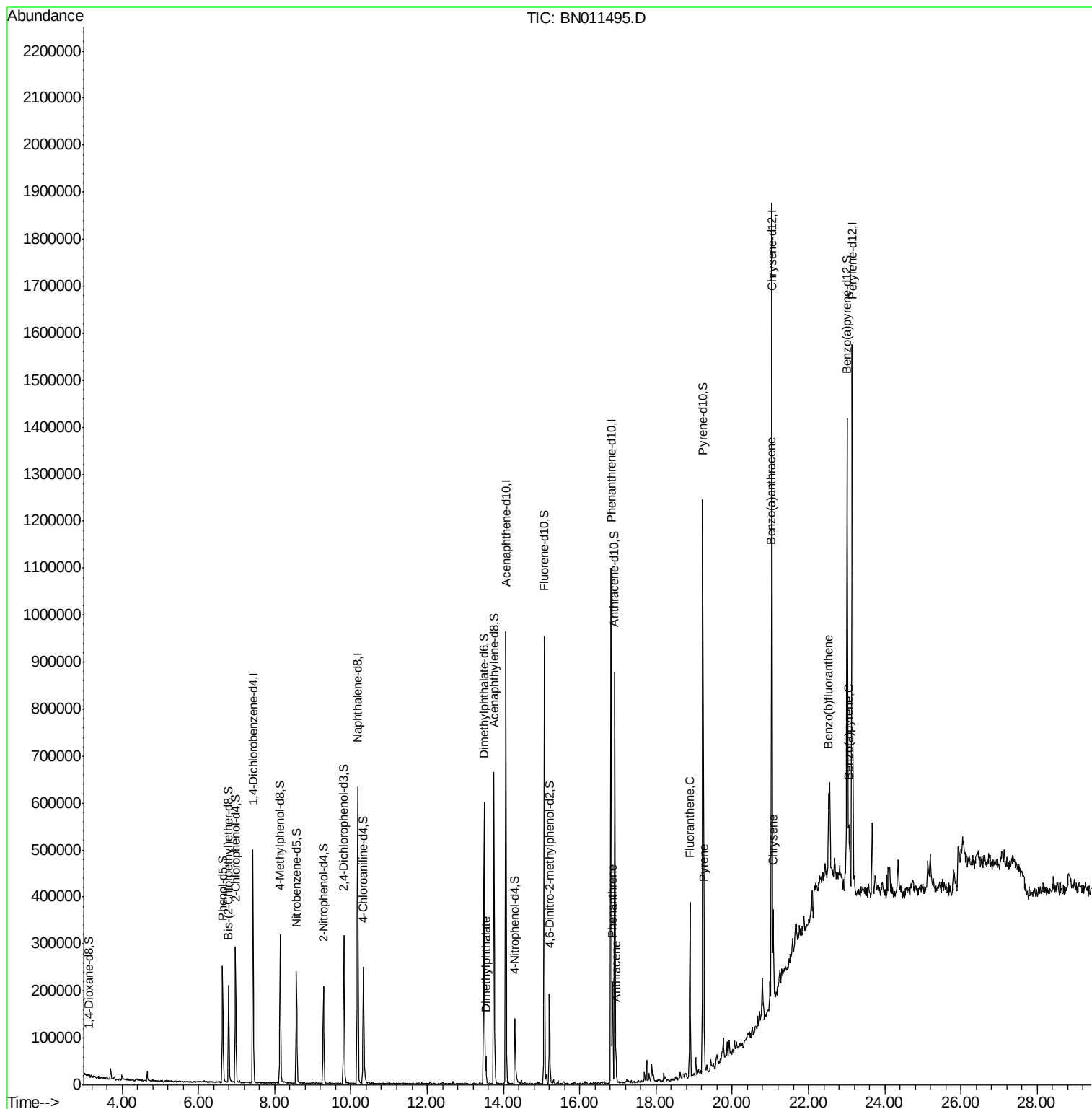
					Qvalue	
45) Dimethylphthalate	13.54	163	36990	1.438	ng/ul#	96
70) Phenanthrene	16.86	178	123713	3.213	ng/ul	96
72) Anthracene	16.95	178	39286	1.007	ng/ul	99
77) Fluoranthene	18.89	202	216344	4.591	ng/ul	99
80) Pyrene	19.26	202	177235	3.633	ng/ul	98
83) Benzo(a)anthracene	21.02	228	97466	2.113	ng/ul	92
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

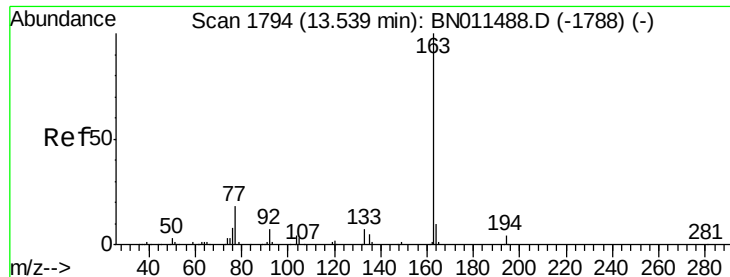
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#45

Dimethylphthalate

Concen: 1.438 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

DBFL7

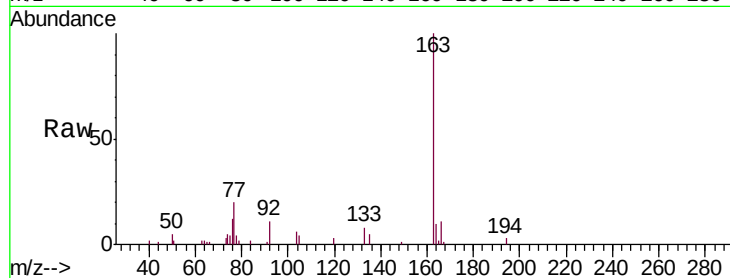
Tgt Ion:163 Resp: 36990

Ion Ratio Lower Upper

163 100

194 3.2 3.8 5.6#

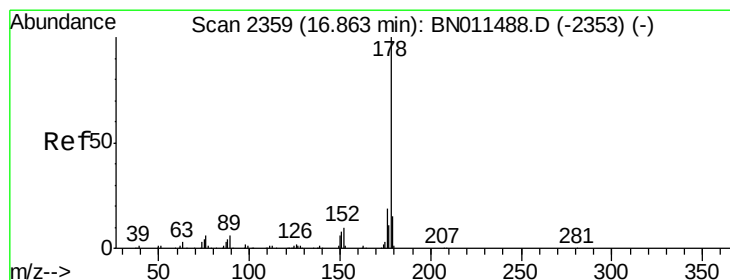
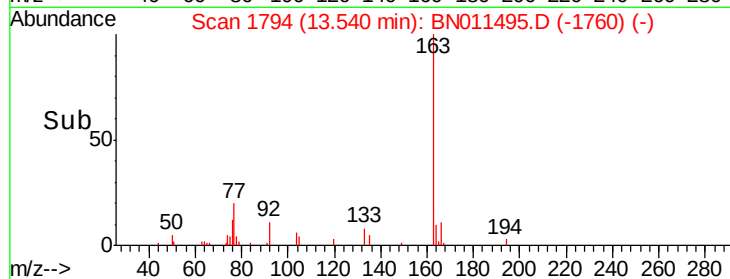
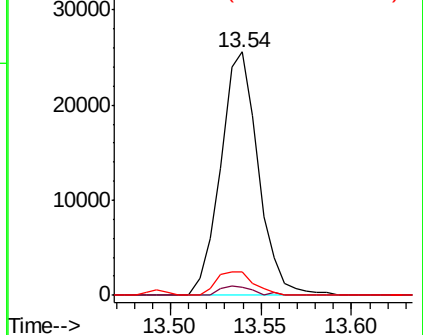
164 9.5 8.7 13.1



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: 3.213 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. 0.00 min

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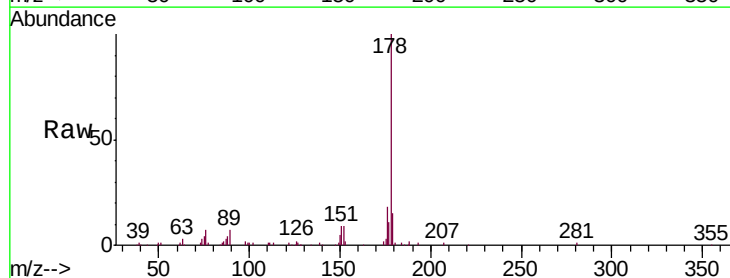
Tgt Ion:178 Resp: 123713

Ion Ratio Lower Upper

178 100

179 14.8 13.1 19.7

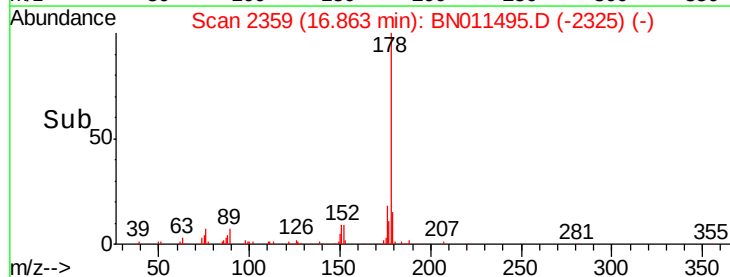
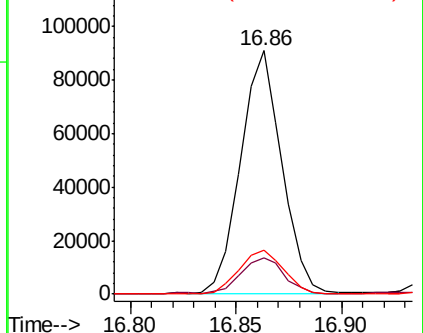
176 17.8 15.7 23.5

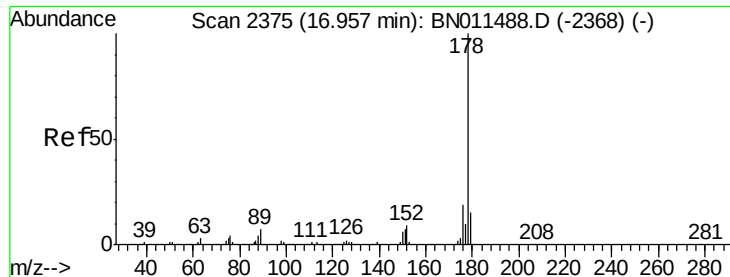


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 1.007 ng/ul

RT: 16.95 min Scan# 2374

Delta R.T. -0.01 min

Lab File: BN011495.D

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Instrument :

BNA_N

ClientSampleId :

DBFL7

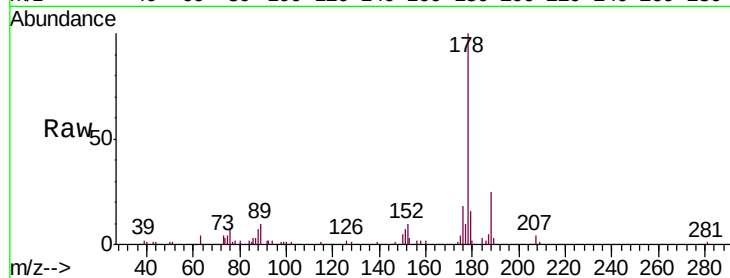
Tgt Ion:178 Resp: 39286

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.4

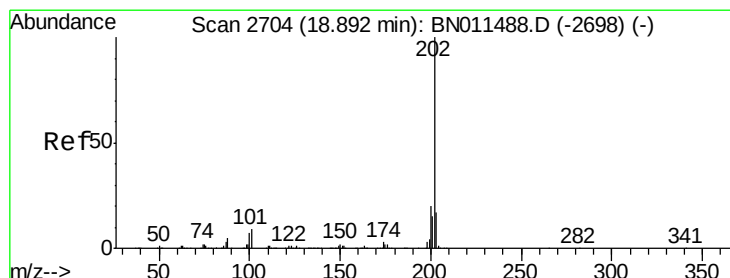
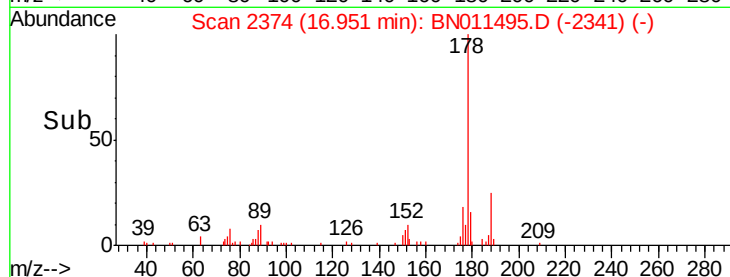
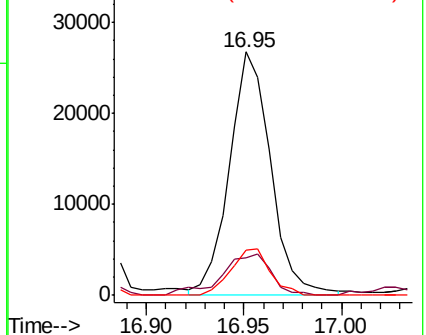
176 18.4 14.6 21.8



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

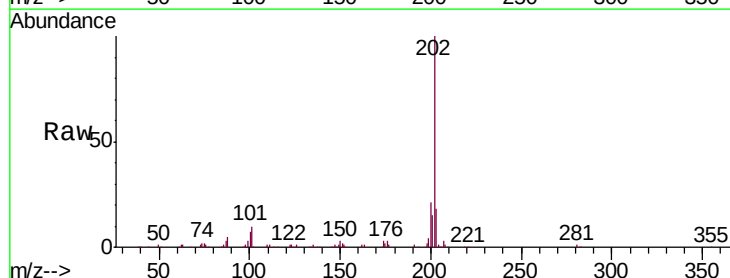
Tgt Ion:202 Resp: 216344

Ion Ratio Lower Upper

202 100

101 9.5 7.3 10.9

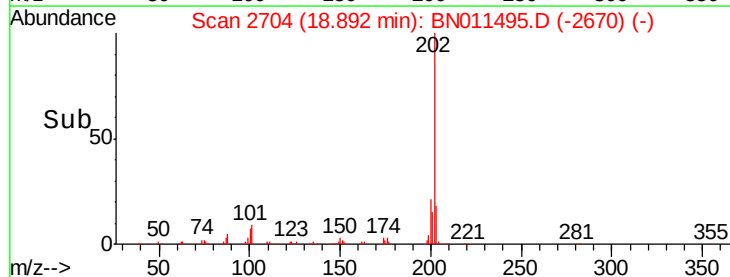
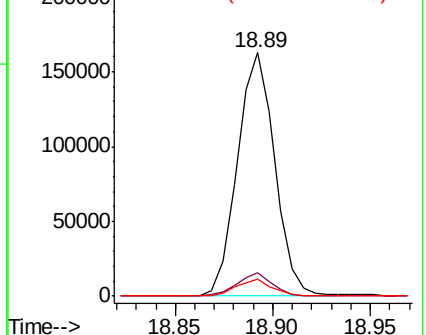
100 6.9 5.2 7.8

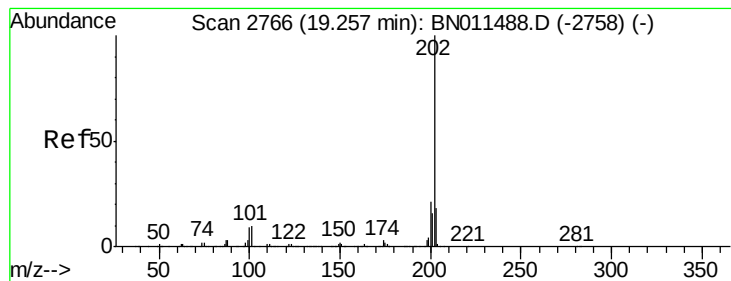


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pyrene

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

Instrument :

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DBFL7

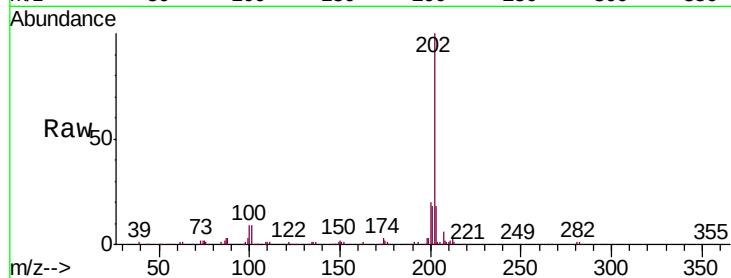
Tgt Ion:202 Resp: 177235

Ion Ratio Lower Upper

202 100

101 9.1 7.8 11.8

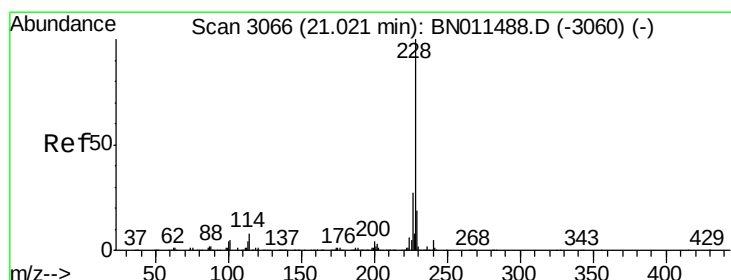
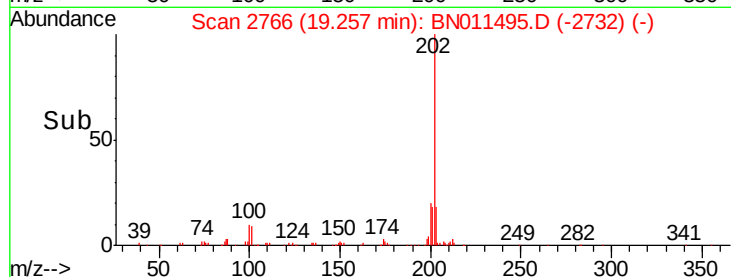
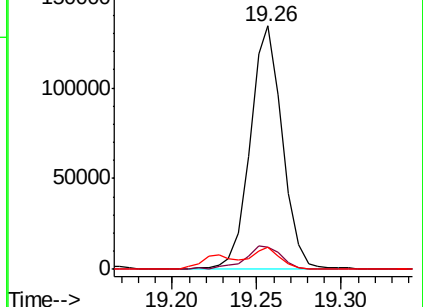
100 9.2 6.5 9.7



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: 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

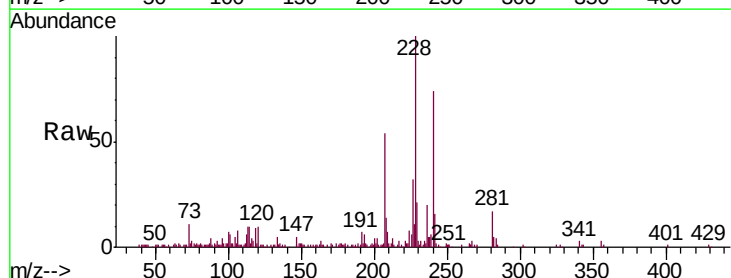
Tgt Ion:228 Resp: 97466

Ion Ratio Lower Upper

228 100

229 20.7 15.0 22.4

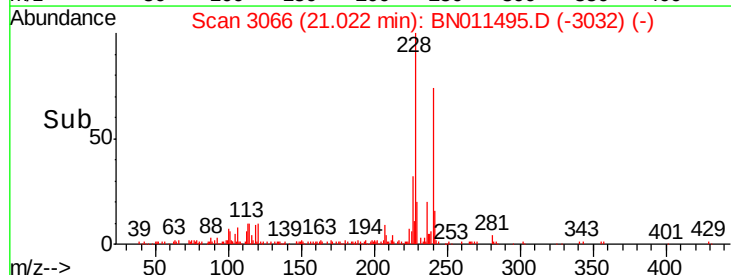
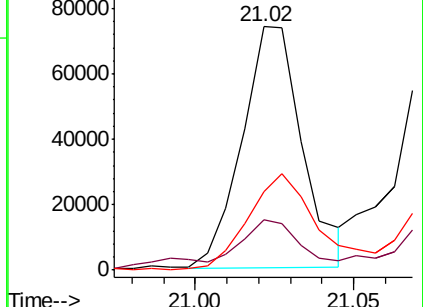
226 32.2 21.5 32.3

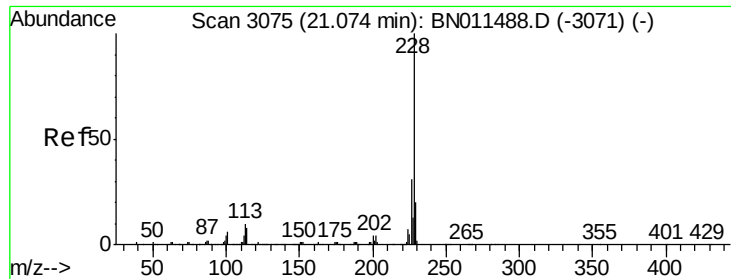


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#85

Chrysene

Concen: 2.011 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN011495.D

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Instrument :

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DBFL7

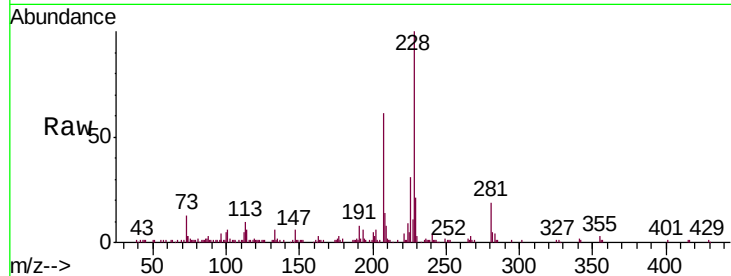
Tgt Ion:228 Resp: 92131

Ion Ratio Lower Upper

228 100

226 31.4 23.5 35.3

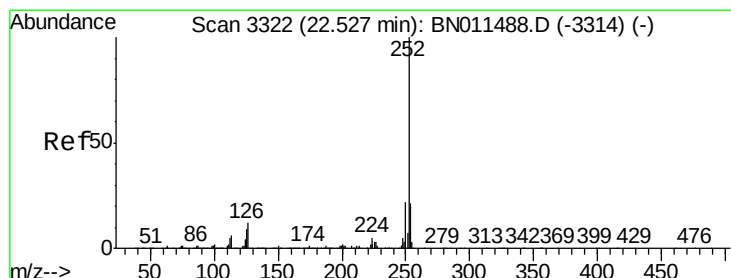
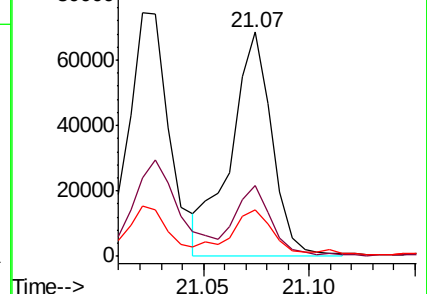
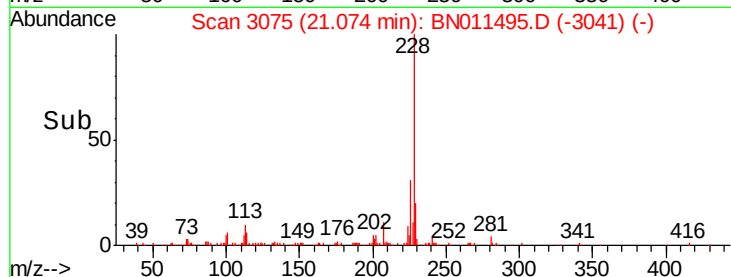
229 20.8 15.0 22.6



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

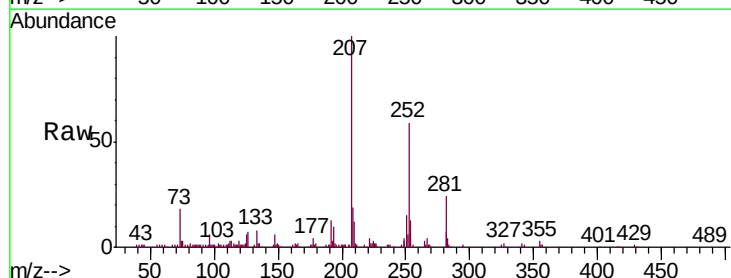
Tgt Ion:252 Resp: 152586

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

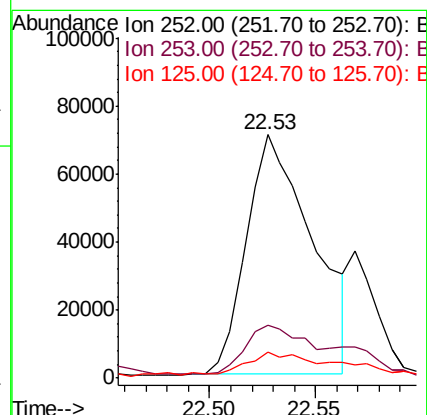
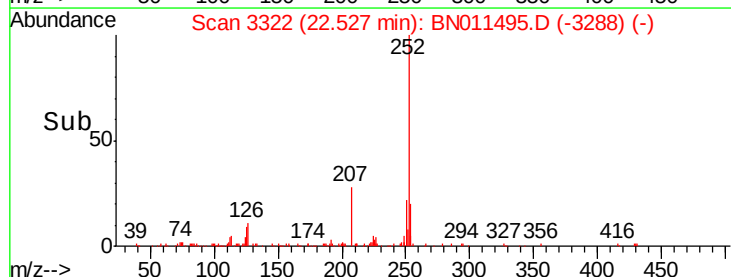
125 10.8 6.6 9.8#

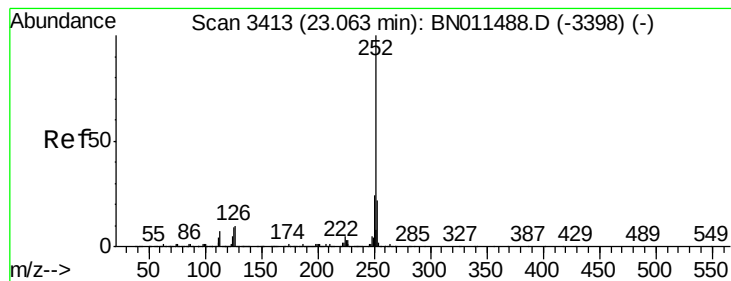


Abundance Ion 252.00 (251.70 to 252.70): E

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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Instrument :

BNA_N

ClientSampleId :

DBFL7

Tgt Ion: 252 Resp: 76624

Ion Ratio Lower Upper

252 100

253 26.8 16.6 25.0#

125 9.5 7.1 10.7

