

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081720\
 Data File : BN011494.D
 Acq On : 18 Aug 2020 20:54
 Operator : CG/JU
 Sample : L3611-18
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBFM3

Quant Time: Aug 19 02:21:37 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	135842	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	528472	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	329873	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	705050	20.00	ng/ul	0.00
78) Chrysene-d12	21.04	240	716018	20.00	ng/ul	0.00
86) Perylene-d12	23.15	264	731488	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	3579	1.26	ng/uL	0.01
5) Phenol-d5	6.63	99	131795	13.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	75894	15.50	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	112693	13.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	108627	13.93	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	58520	14.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	66732	14.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	119801	13.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	133865	12.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	422856	16.46	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	472274	15.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	43418	9.98	ng/ul	0.00
58) Fluorene-d10	15.07	176	352693	15.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	47702	10.20	ng/ul	0.00
71) Anthracene-d10	16.92	188	513258	15.24	ng/ul	0.00
79) Pyrene-d10	19.23	212	583627	15.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.02	264	584041	14.38	ng/ul	0.00

Target Compounds

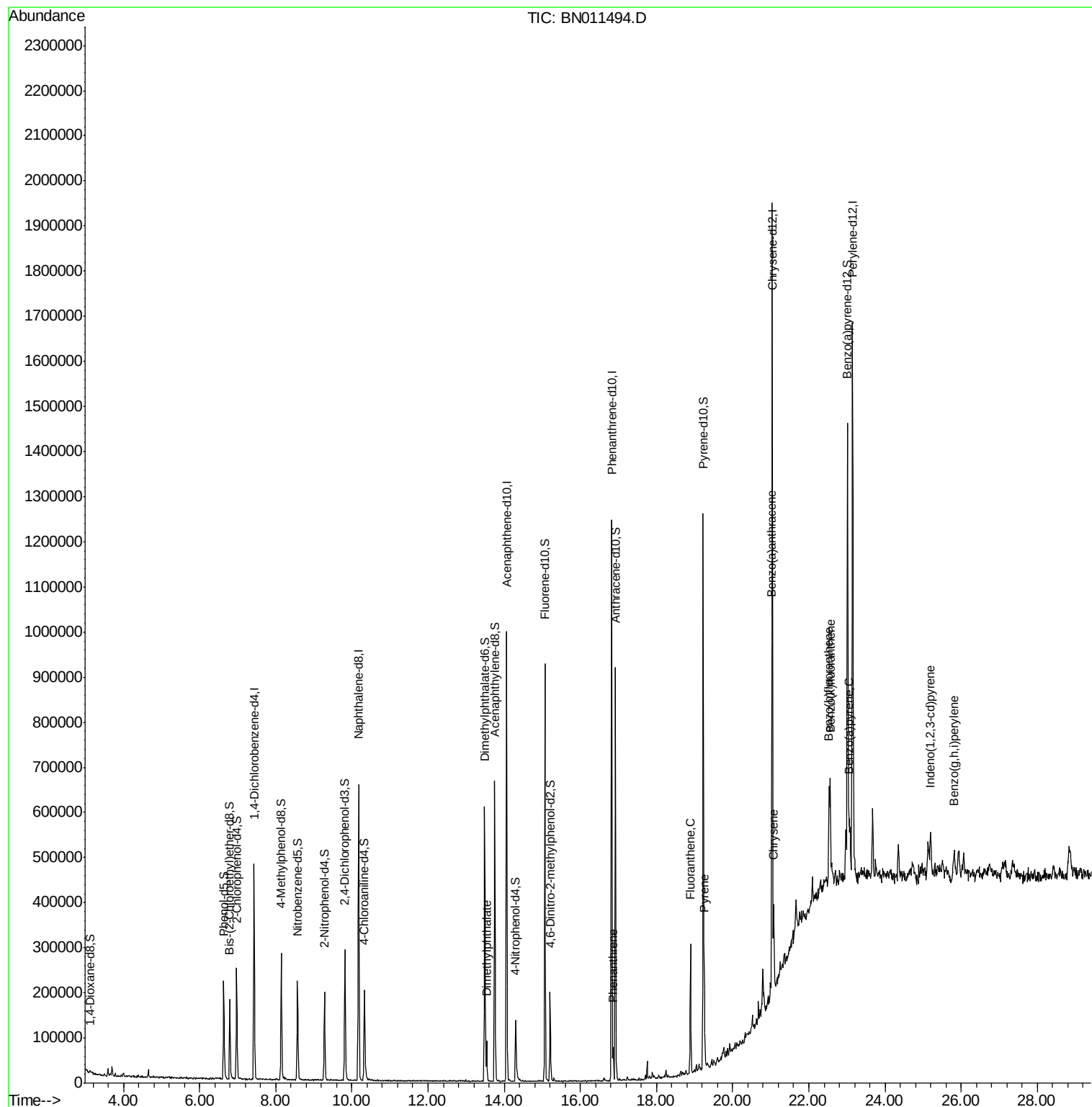
					Ovalue
45) Dimethylphthalate	13.54	163	52499	1.991 ng/ul	98
70) Phenanthrene	16.86	178	44243	1.058 ng/ul	97
77) Fluoranthene	18.89	202	166800	3.260 ng/ul	98
80) Pyrene	19.26	202	138780	2.754 ng/ul	99
83) Benzo(a)anthracene	21.02	228	68859	1.446 ng/ul	96
85) Chrysene	21.07	228	111529	2.357 ng/ul	98
88) Benzo(b)fluoranthene	22.53	252	167995	3.285 ng/ul	99
89) Benzo(k)fluoranthene	22.57	252	55928	1.101 ng/ul	96
91) Benzo(a)pyrene	23.06	252	76634	1.626 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.19	276	78405	1.298 ng/ul	95
94) Benzo(g,h,i)perylene	25.82	276	57773	1.154 ng/ul#	94

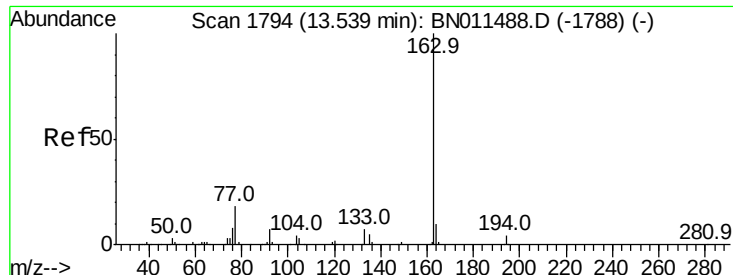
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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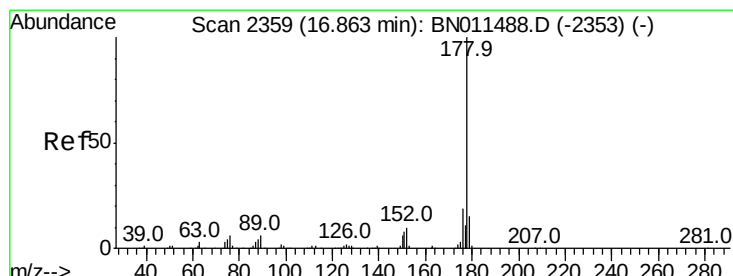
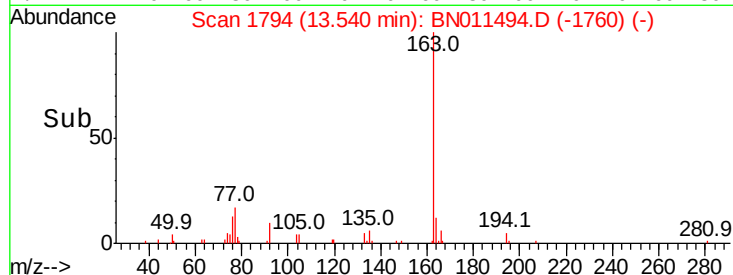
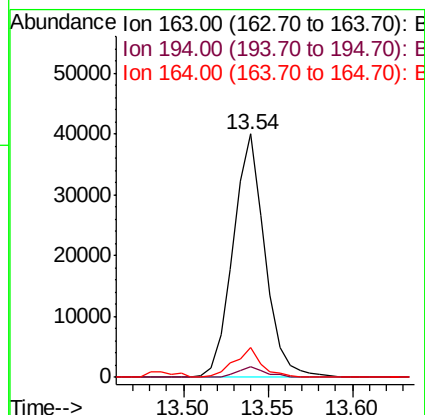
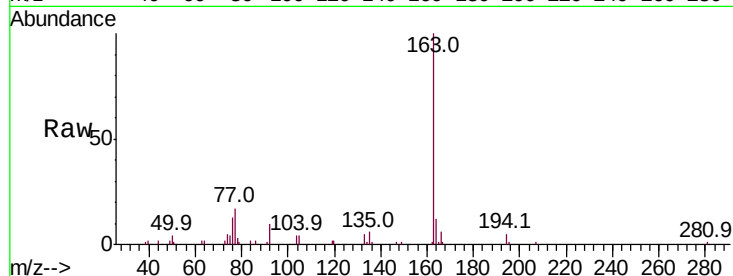




#45
Dimethylphthalate
Concen: 1.991 ng/ul
RT: 13.54 min Scan# 1794
Delta R.T. 0.00 min
Lab File: BN011494.D
Acq: 18 Aug 2020 20:54

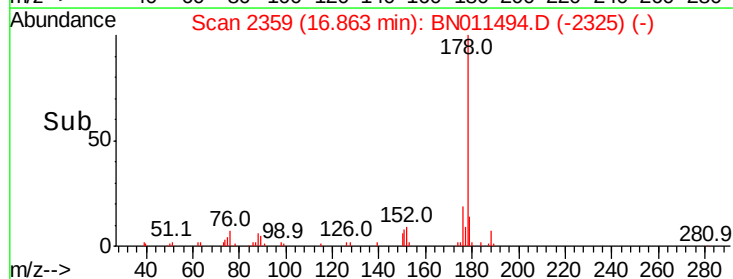
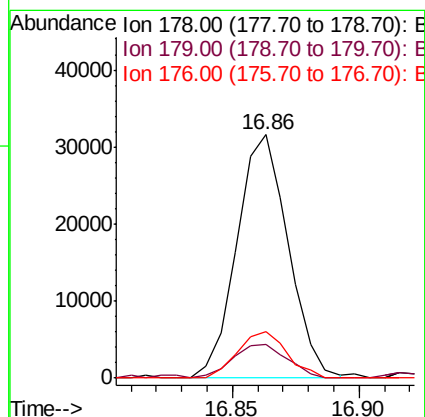
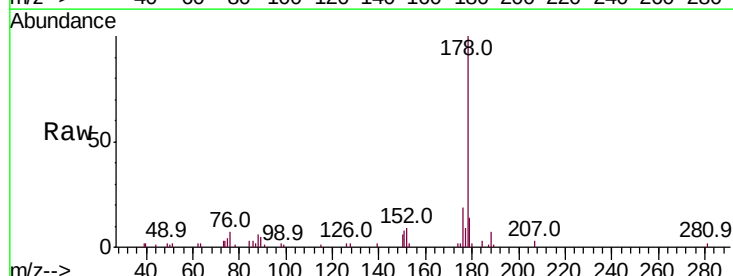
Instrument :
BNA_N
ClientSampled :
DBFM3

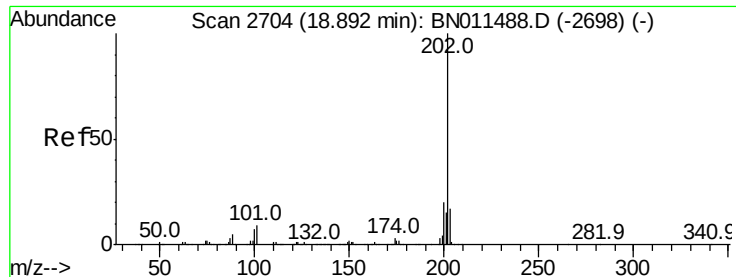
Tot Ion:163 Resp: 52499
Ion Ratio Lower Upper
163 100
194 4.5 3.8 5.6
164 12.1 8.7 13.1



#70
Phenanthrene
Concen: 1.058 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN011494.D
Acq: 18 Aug 2020 20:54

Tgt Ion:178 Resp: 44243
Ion Ratio Lower Upper
178 100
179 14.0 13.1 19.7
176 19.0 15.7 23.5





#77

Fluoranthene

Concen: 3.260 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. 0.00 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

Instrument :

BNA_N

ClientSampleId :

DBFM3

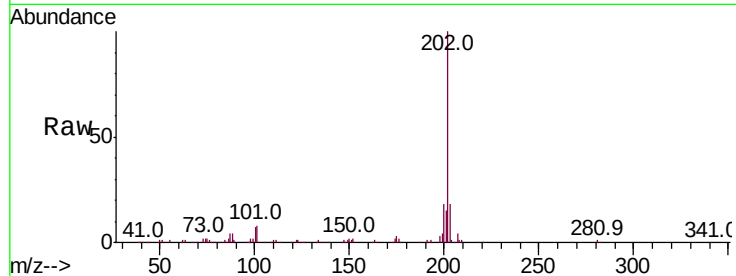
Tot Ion:202 Resp: 166800

Ion Ratio Lower Upper

202 100

101 8.2 7.3 10.9

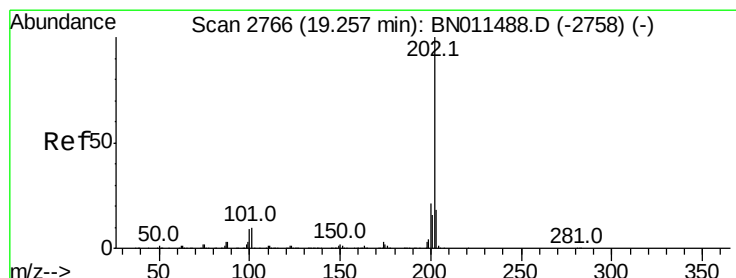
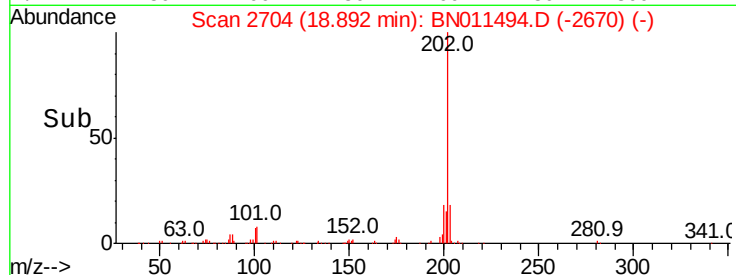
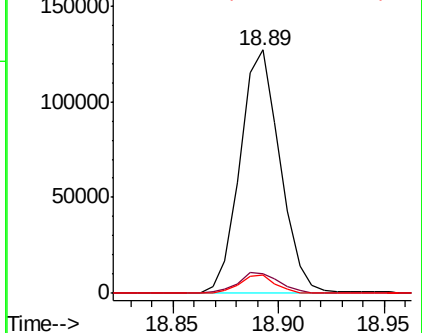
100 7.4 5.2 7.8



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: 2.754 ng/ul

RT: 19.26 min Scan# 2766

Delta R.T. 0.00 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

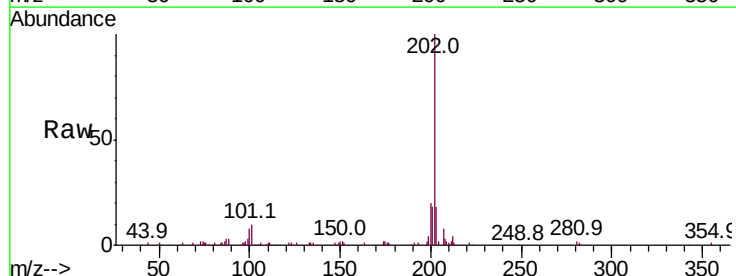
Tgt Ion:202 Resp: 138780

Ion Ratio Lower Upper

202 100

101 10.3 7.8 11.8

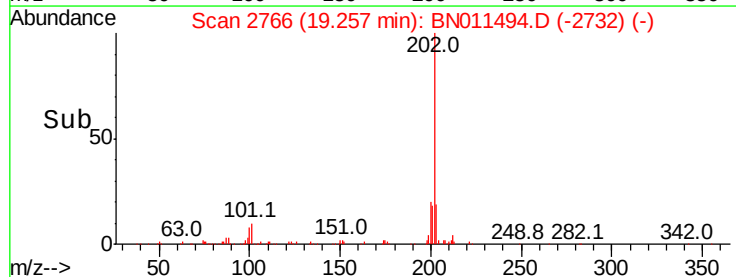
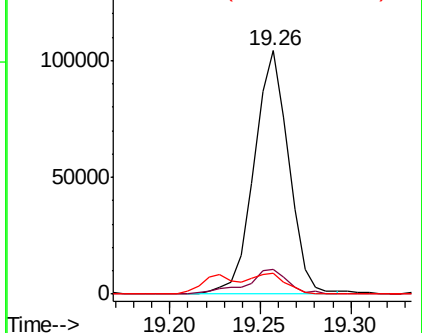
100 8.4 6.5 9.7

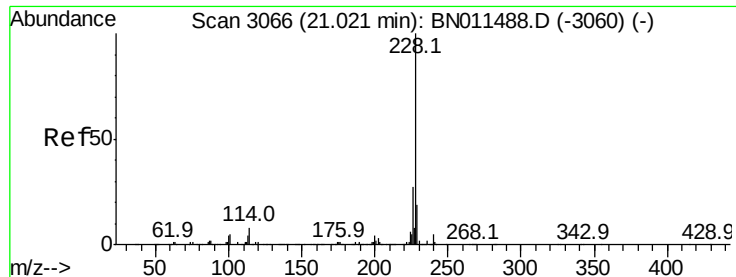


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

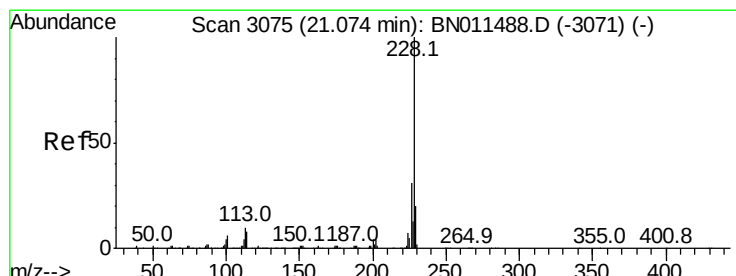
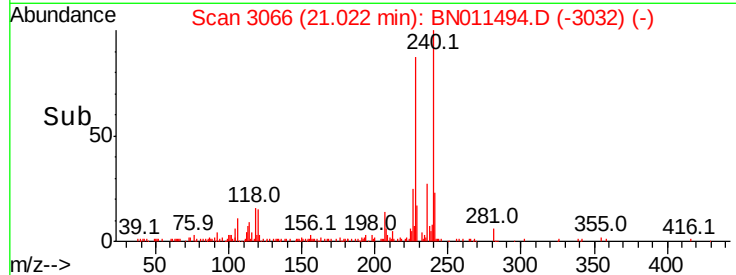
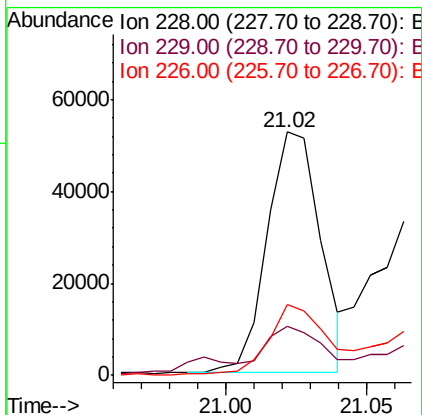
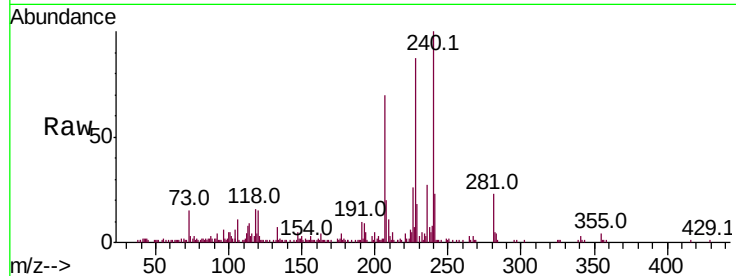




#83
Benzo(a)anthracene
Concen: 1.446 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. 0.00 min
Lab File: BN011494.D
Acq: 18 Aug 2020 20:54

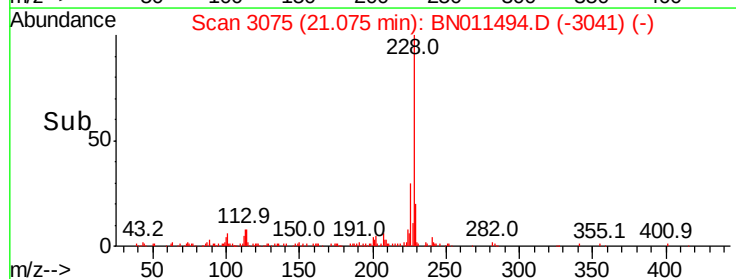
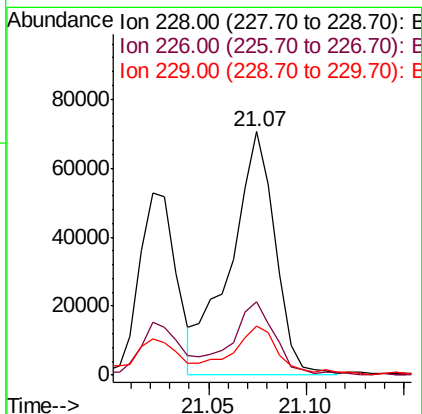
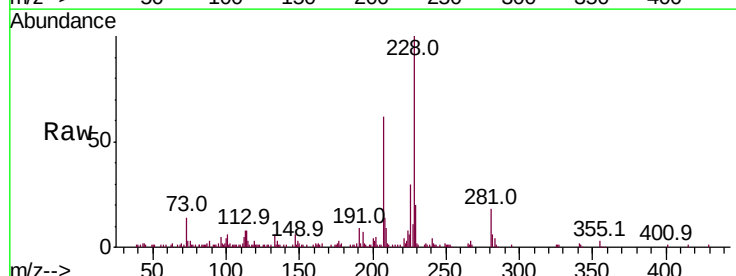
Instrument :
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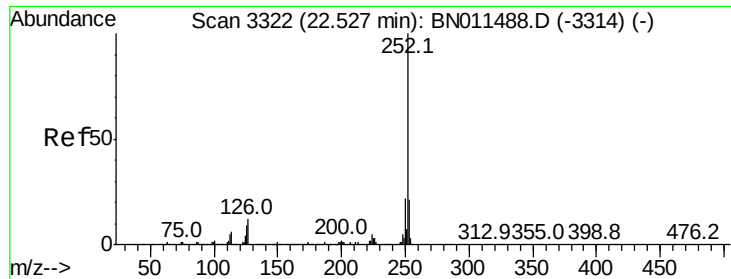
Tot	Ion:228	Resp:	68859
Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.0	22.4
226	29.3	21.5	32.3



#85
Chrysene
Concen: 2.357 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BN011494.D
Acq: 18 Aug 2020 20:54

Tgt	Ion:228	Resp:	111529
Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.5	35.3
229	20.3	15.0	22.6





#88

Benzo(b)fluoranthene

Concen: 3.285 ng/ul

RT: 22.53 min Scan# 3322

Delta R.T. 0.00 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

Instrument :

BNA_N

ClientSampleId :

DBFM3

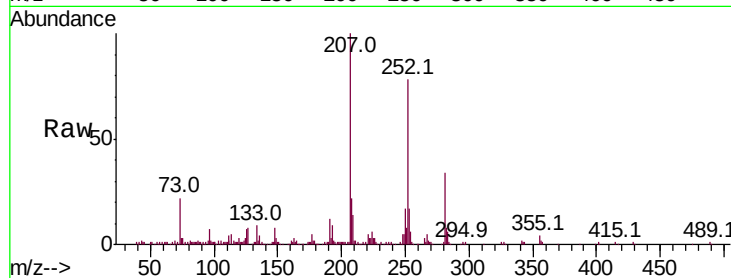
Tot Ion:252 Resp: 167995

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

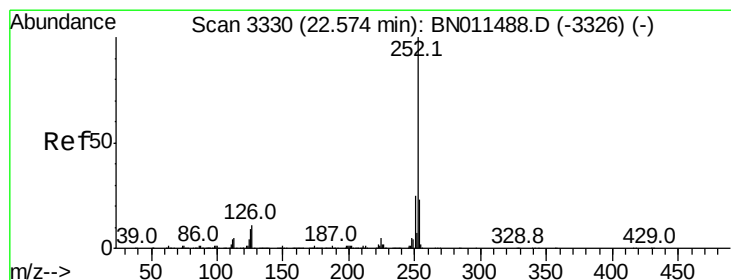
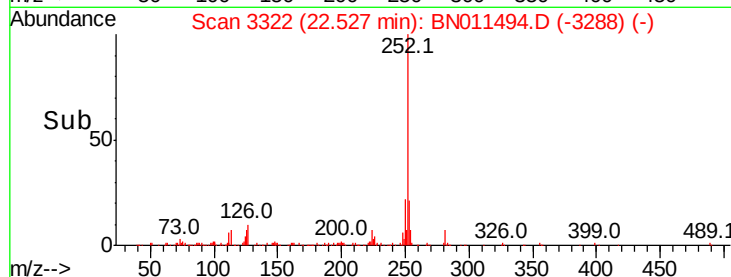
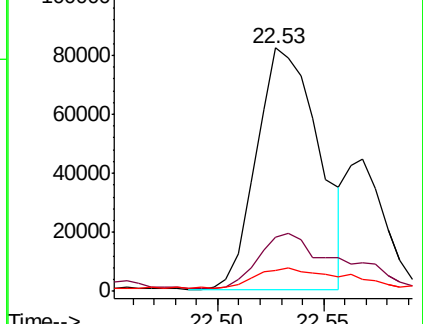
125 8.6 6.6 9.8



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



#89

Benzo(k)fluoranthene

Concen: 1.101 ng/ul

RT: 22.57 min Scan# 3329

Delta R.T. -0.01 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

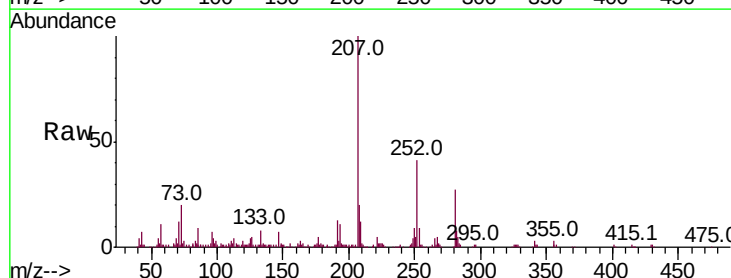
Tgt Ion:252 Resp: 55928

Ion Ratio Lower Upper

252 100

253 21.8 15.8 23.6

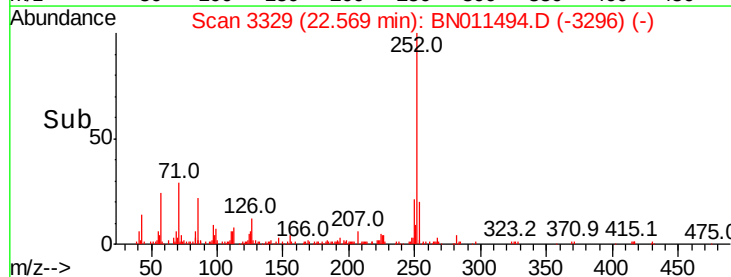
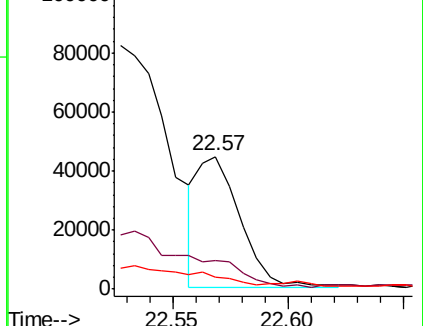
125 8.9 6.0 9.0

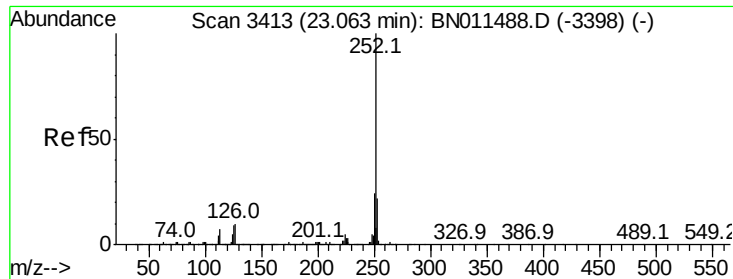


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 1.626 ng/ul

RT: 23.06 min Scan# 3412

Delta R.T. -0.01 min

Lab File: BN011494.D

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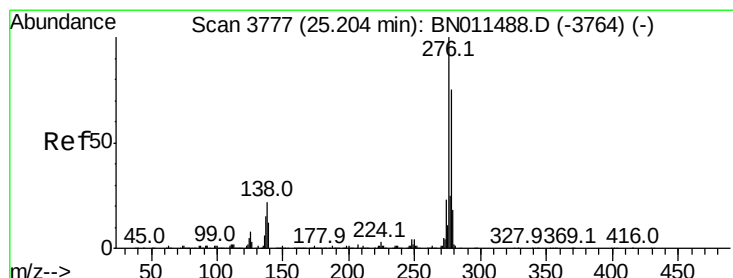
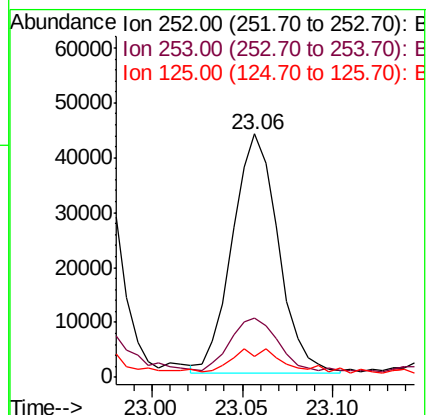
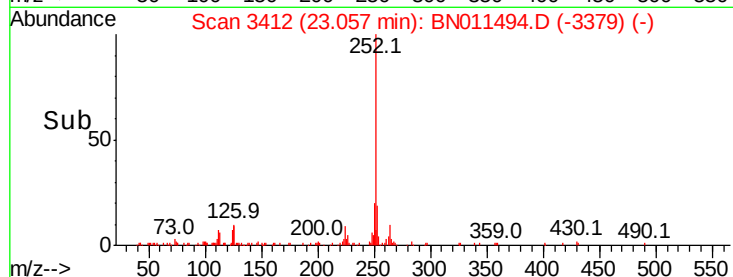
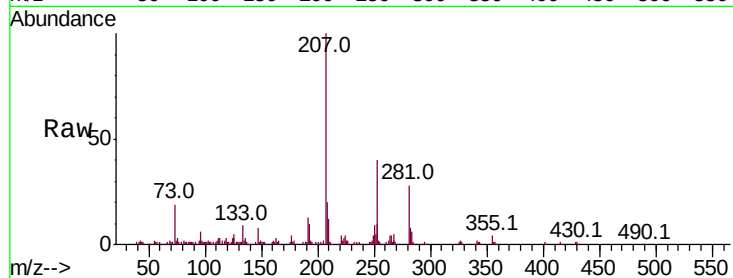
Tot Ion:252 Resp: 76634

Ion Ratio Lower Upper

252 100

253 24.1 16.6 25.0

125 8.3 7.1 10.7



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.298 ng/ul

RT: 25.19 min Scan# 3775

Delta R.T. -0.01 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

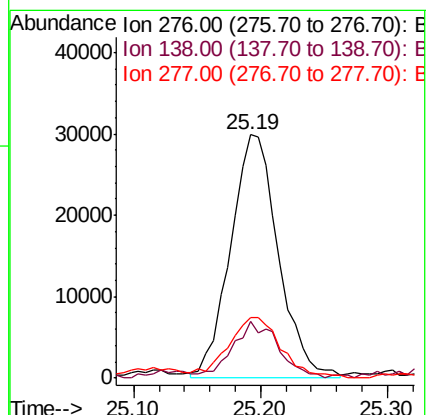
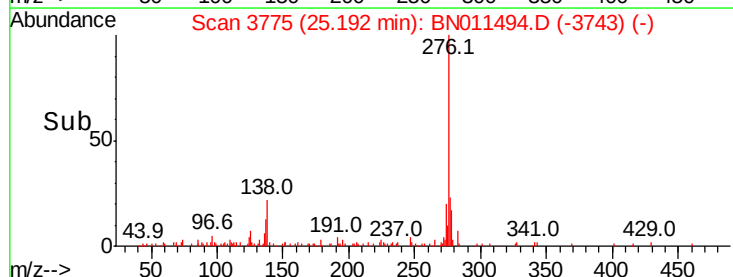
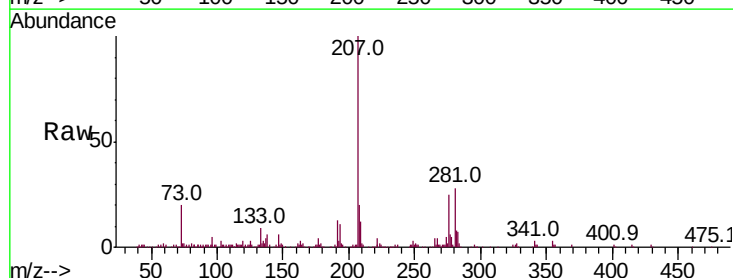
Tgt Ion:276 Resp: 78405

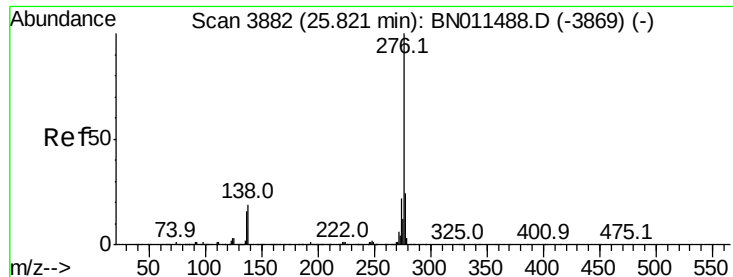
Ion Ratio Lower Upper

276 100

138 23.1 17.0 25.4

277 25.1 18.1 27.1





#94

Benzo(a,h,i)perylene

Concen: 1.154 ng/ul

RT: 25.82 min Scan# 3881

Delta R.T. -0.01 min

Lab File: BN011494.D

Acq: 18 Aug 2020 20:54

Instrument :

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Tot Ion:276 Resp: 57773

Ion Ratio Lower Upper

276 100

138 20.1 15.3 22.9

277 25.2 16.2 24.4#

