

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031858.D
 Acq On : 08 Jun 2024 14:33
 Operator : MA/JU
 Sample : P2647-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBT0

Quant Time: Jun 10 03:21:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

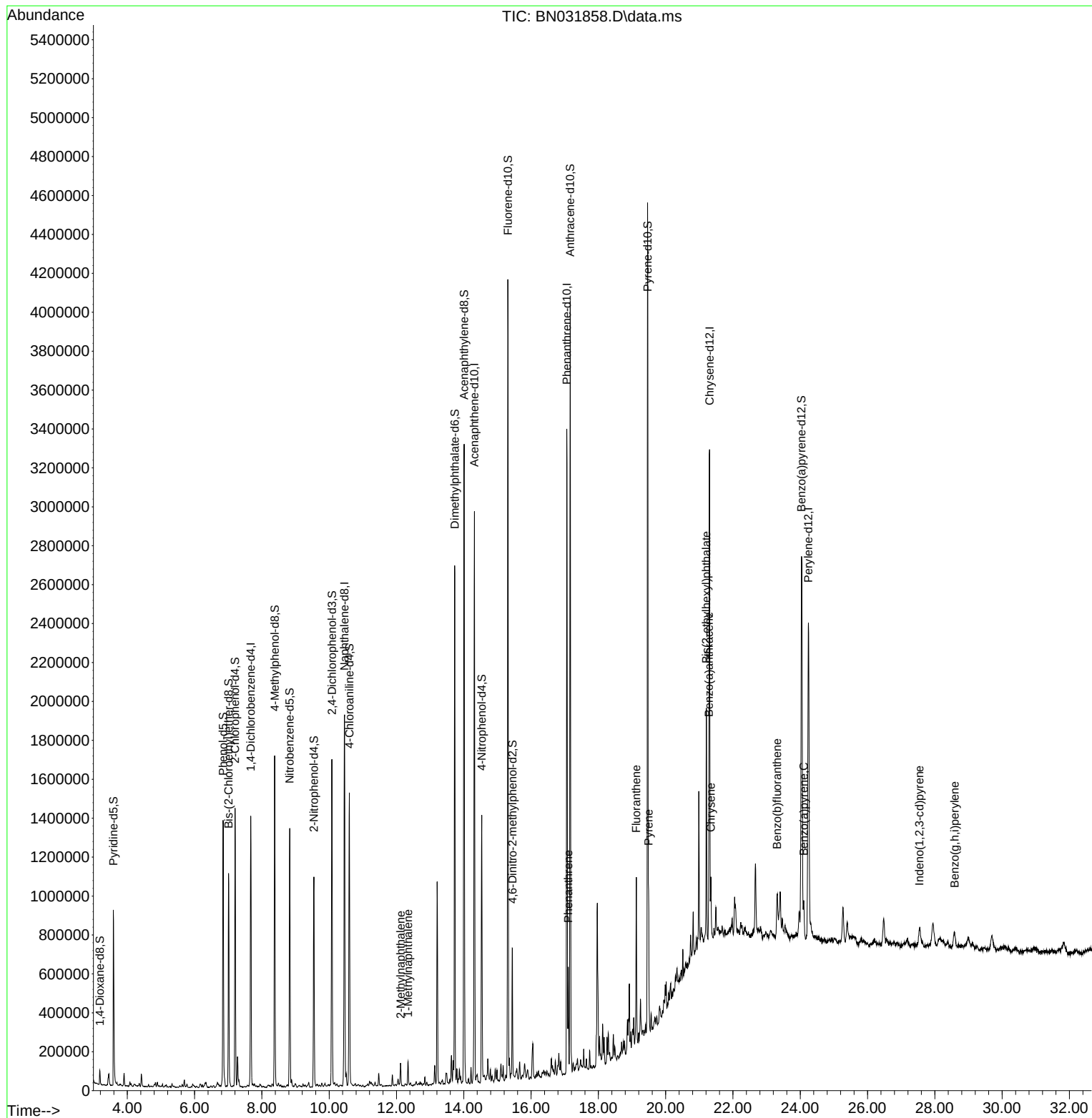
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	388795	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.457	136	1662741	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.316	164	1032072	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	1964490	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1267103	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	1467165	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	39912	4.247	ng/uL	-0.01
4) Pyridine-d5	3.587	84	523048	19.771	ng/u1	-0.01
7) Phenol-d5	6.845	99	856693	25.703	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	457969	23.490	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.204	132	690329	27.144	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	667843	24.581	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	353849	27.833	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	379796	28.920	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	653475	26.654	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	845310	23.222	ng/u1	-0.01
46) Dimethylphthalate-d6	13.733	166	1849490	25.723	ng/u1	-0.01
49) Acenaphthylene-d8	14.010	160	2243925	27.142	ng/u1	0.00
54) 4-Nitrophenol-d4	14.533	143	349675	24.290	ng/u1	0.00
60) Fluorene-d10	15.310	176	1641499	26.982	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	147120	14.899	ng/u1	0.00
73) Anthracene-d10	17.163	188	2282214	27.135	ng/u1	0.00
81) Pyrene-d10	19.462	212	2187141	32.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.039	264	1871642	26.716	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.122	142	60254	1.024	ng/u1	99
37) 1-Methylnaphthalene	12.345	142	61887	1.049	ng/u1	95
72) Phenanthrene	17.104	178	325826	3.256	ng/u1	99
80) Fluoranthene	19.127	202	452816	5.588	ng/u1	98
82) Pyrene	19.492	202	405605	4.879	ng/u1	99
85) Benzo(a)anthracene	21.286	228	188777	2.226	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.209	149	497598	8.693	ng/u1	98
87) Chrysene	21.345	228	217270	2.743	ng/u1#	95
90) Benzo(b)fluoranthene	23.309	252	268141	3.058	ng/u1	96
93) Benzo(a)pyrene	24.103	252	177239	2.158	ng/u1#	93
94) Indeno(1,2,3-cd)pyrene	27.544	276	129091	1.364	ng/u1	93
96) Benzo(g,h,i)perylene	28.585	276	124965	1.661	ng/u1	100

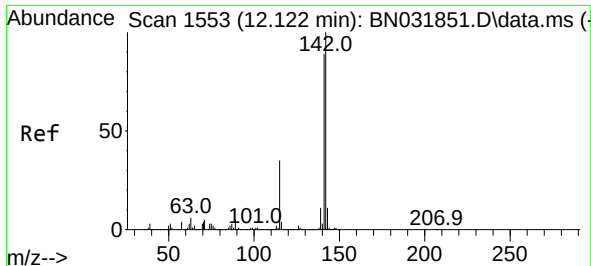
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
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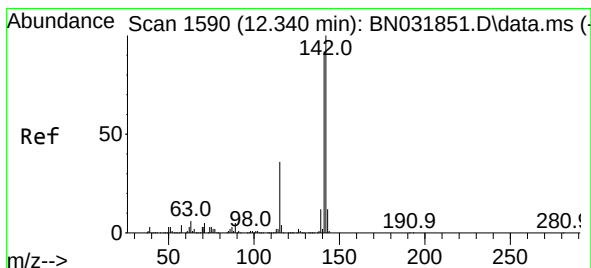
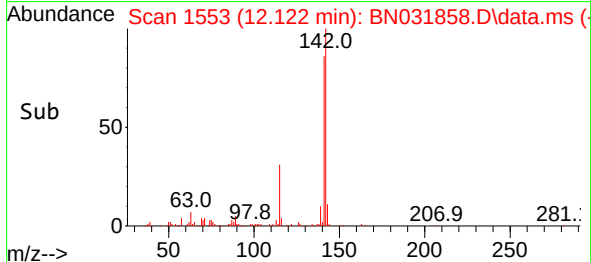
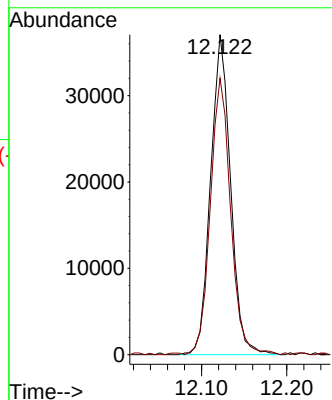
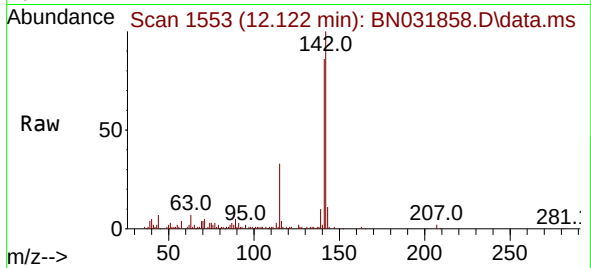




#36
2-Methylnaphthalene
Concen: 1.024 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.012 min
Lab File: BN031858.D
Acq: 08 Jun 2024 14:33

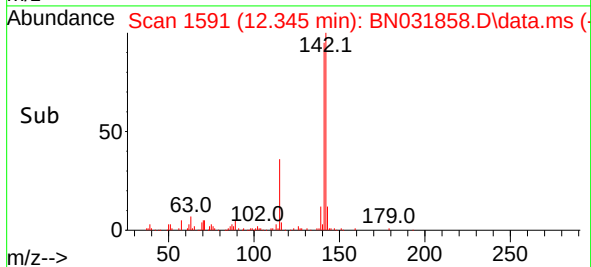
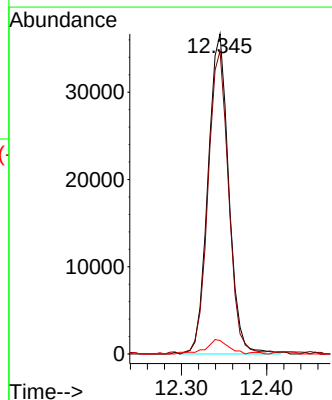
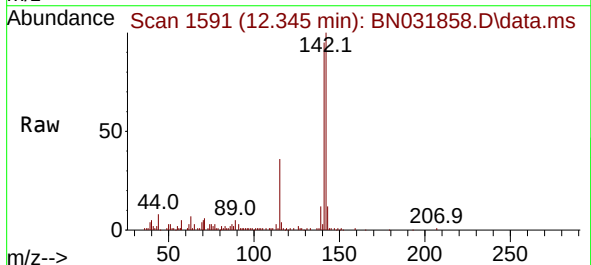
Instrument :
BNA_N
ClientSampleId :
BHBT0

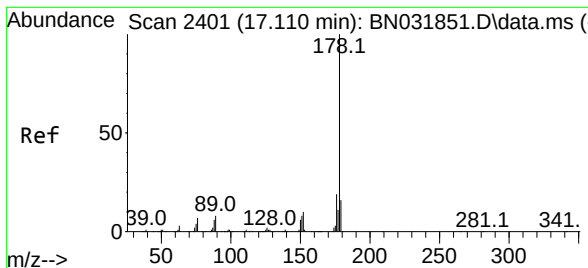
Tgt Ion:142 Resp: 60254
Ion Ratio Lower Upper
142 100
141 86.4 70.1 105.1



#37
1-Methylnaphthalene
Concen: 1.049 ng/ul
RT: 12.345 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BN031858.D
Acq: 08 Jun 2024 14:33

Tgt Ion:142 Resp: 61887
Ion Ratio Lower Upper
142 100
141 94.7 71.7 107.5
116 4.2 3.0 4.4





#72

Phenanthrene

Concen: 3.256 ng/ul

RT: 17.104 min Scan# 2401

Delta R.T. -0.012 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

Instrument :

BNA_N

ClientSampleId :

BHBT0

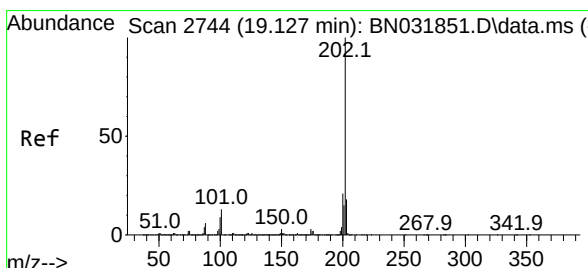
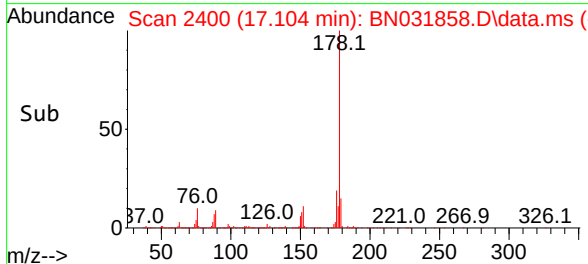
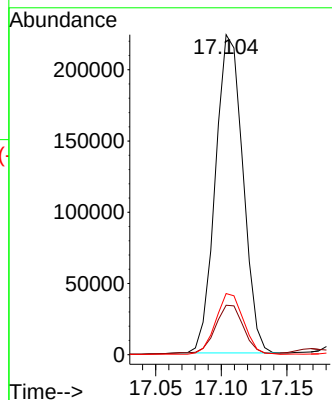
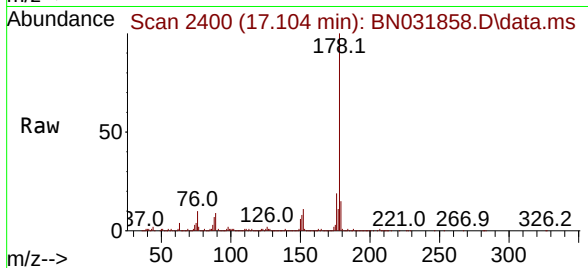
Tgt Ion:178 Resp: 325826

Ion Ratio Lower Upper

178 100

179 15.4 12.6 19.0

176 19.1 15.8 23.6



#80

Fluoranthene

Concen: 5.588 ng/ul

RT: 19.127 min Scan# 2744

Delta R.T. -0.006 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

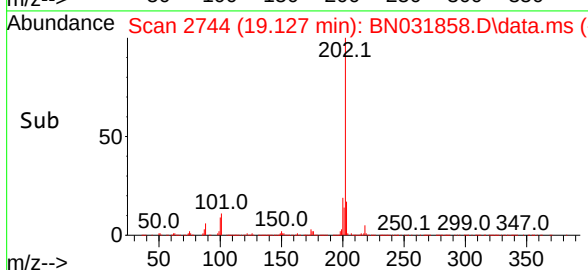
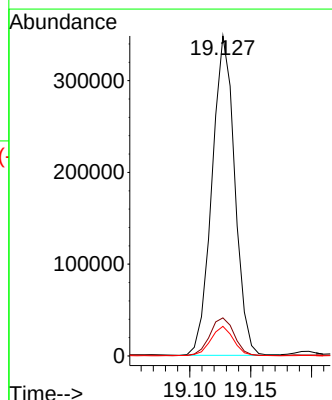
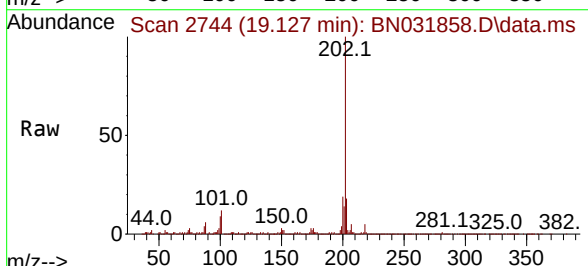
Tgt Ion:202 Resp: 452816

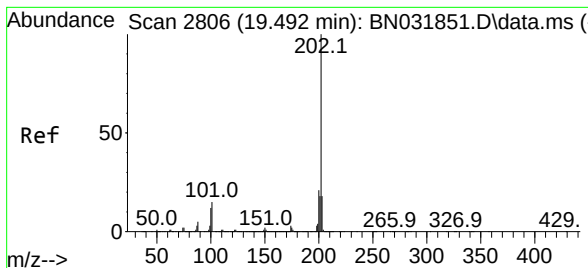
Ion Ratio Lower Upper

202 100

101 11.9 10.3 15.5

100 9.3 8.0 12.0





#82

Pyrene

Concen: 4.879 ng/ul

RT: 19.492 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

Instrument :

BNA_N

ClientSampleId :

BHBT0

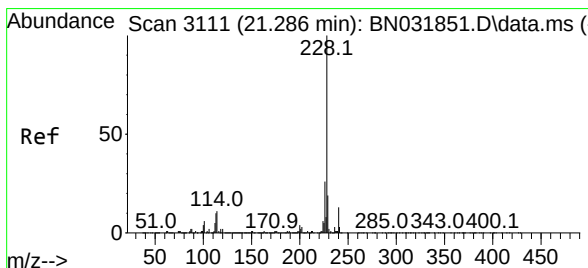
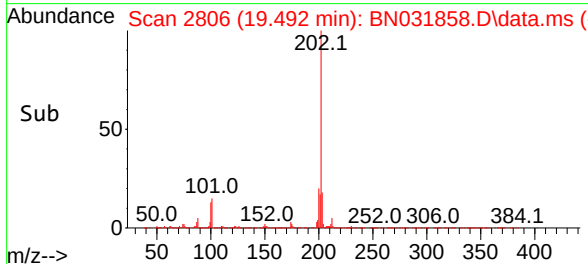
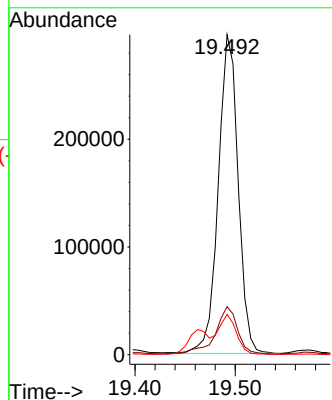
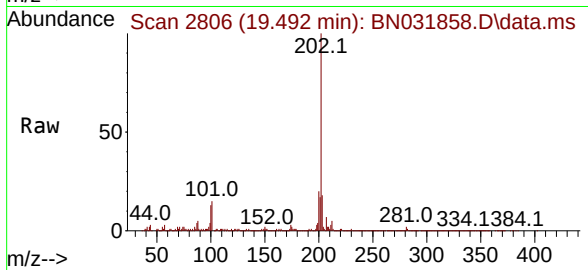
Tgt Ion:202 Resp: 405605

Ion Ratio Lower Upper

202 100

101 15.0 12.6 18.8

100 12.6 10.2 15.2



#85

Benzo(a)anthracene

Concen: 2.226 ng/ul

RT: 21.286 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

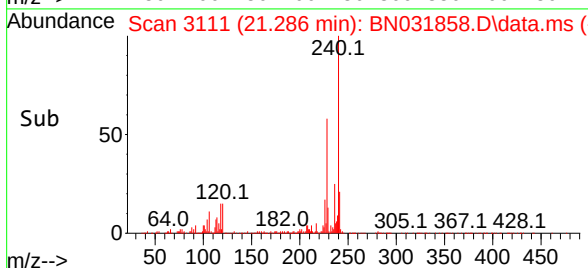
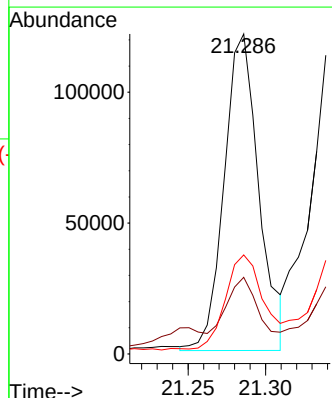
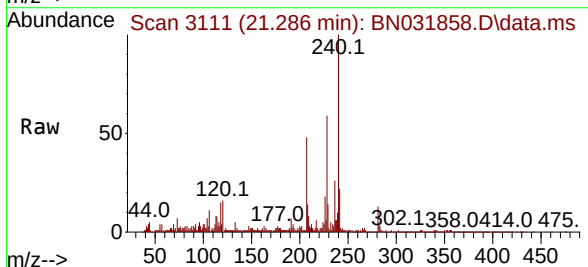
Tgt Ion:228 Resp: 188777

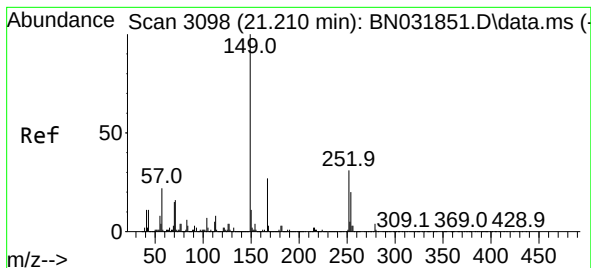
Ion Ratio Lower Upper

228 100

229 24.0 16.7 25.1

226 30.9 22.8 34.2

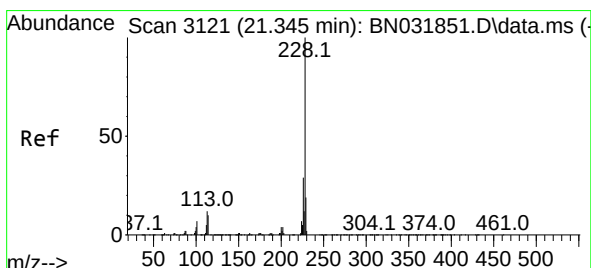
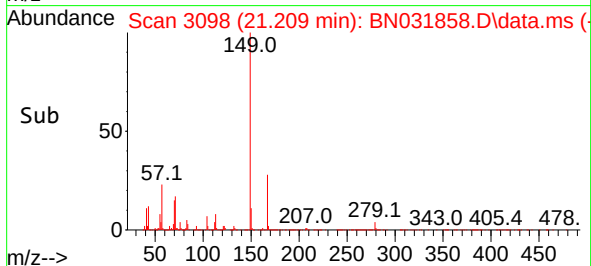
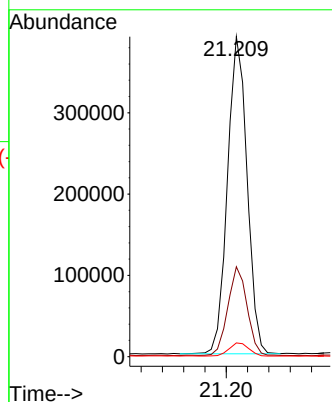
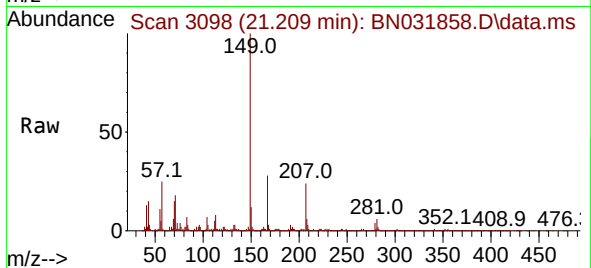




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 8.693 ng/ul
 RT: 21.209 min Scan# 3098
 Delta R.T. -0.012 min
 Lab File: BN031858.D
 Acq: 08 Jun 2024 14:33

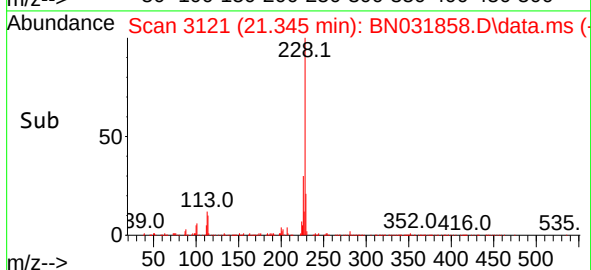
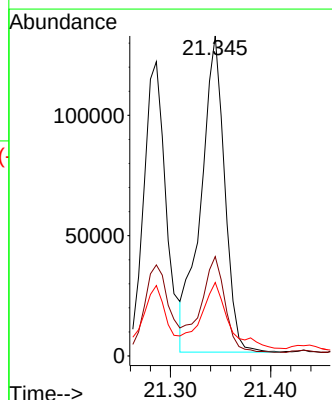
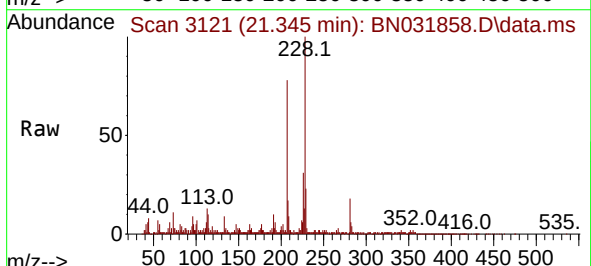
Instrument :
 BNA_N
 ClientSampleId :
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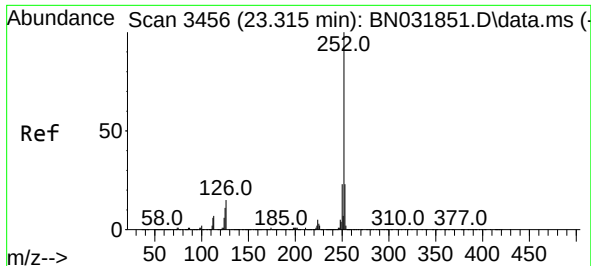
Tgt Ion:149 Resp: 497598
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.4 32.0
 279 4.3 3.3 4.9



#87
 Chrysene
 Concen: 2.743 ng/ul
 RT: 21.345 min Scan# 3121
 Delta R.T. -0.006 min
 Lab File: BN031858.D
 Acq: 08 Jun 2024 14:33

Tgt Ion:228 Resp: 217270
 Ion Ratio Lower Upper
 228 100
 226 31.0 23.7 35.5
 229 23.0 15.1 22.7#

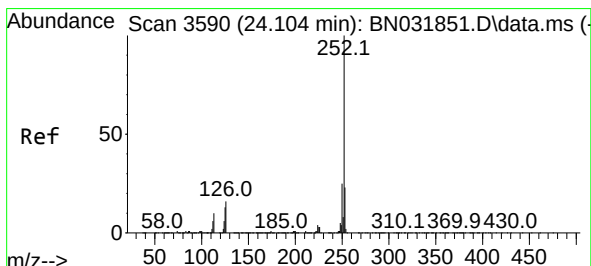
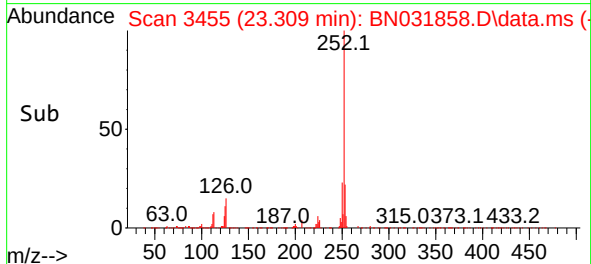
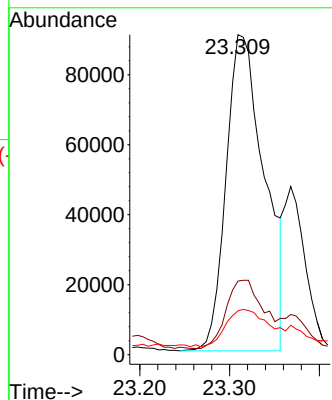
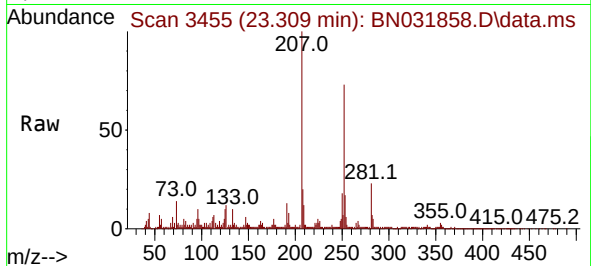




#90
Benzo(b)fluoranthene
Concen: 3.058 ng/ul
RT: 23.309 min Scan# 3456
Delta R.T. -0.000 min
Lab File: BN031858.D
Acq: 08 Jun 2024 14:33

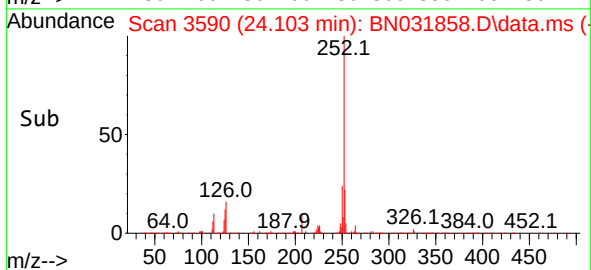
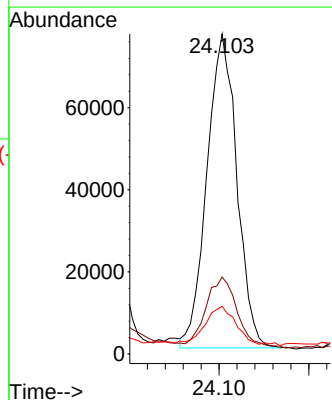
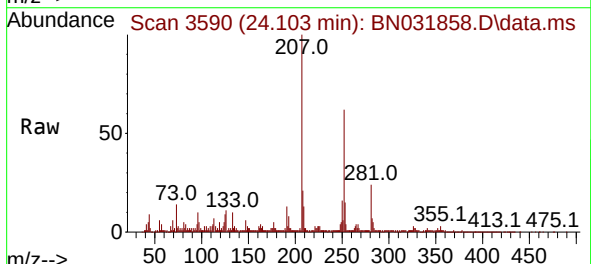
Instrument :
BNA_N
ClientSampleId :
BHBT0

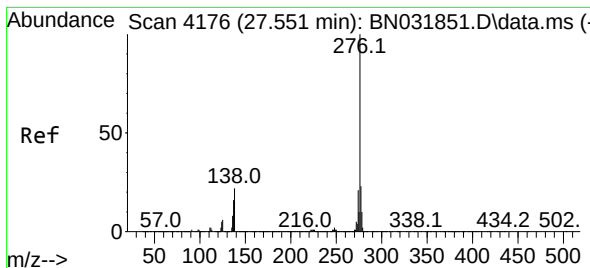
Tgt Ion:252 Resp: 268141
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.6
125 13.7 9.2 13.8



#93
Benzo(a)pyrene
Concen: 2.158 ng/ul
RT: 24.103 min Scan# 3590
Delta R.T. -0.000 min
Lab File: BN031858.D
Acq: 08 Jun 2024 14:33

Tgt Ion:252 Resp: 177239
Ion Ratio Lower Upper
252 100
253 24.0 16.6 24.8
125 14.9 9.8 14.8#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.364 ng/ul

RT: 27.544 min Scan# 4175

Delta R.T. 0.011 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

Instrument :

BNA_N

ClientSampleId :

BHBT0

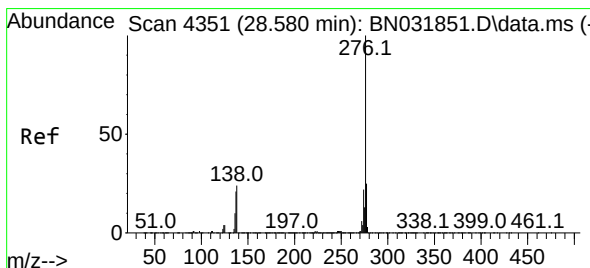
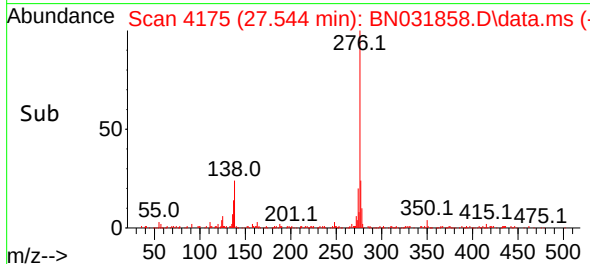
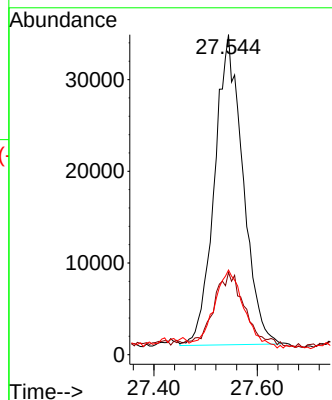
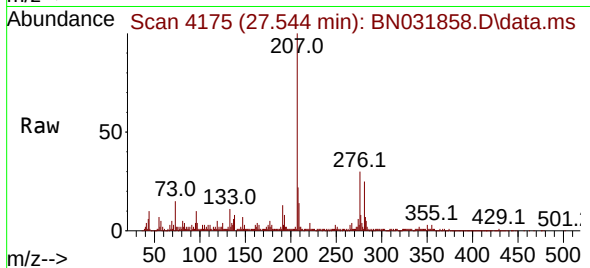
Tgt Ion:276 Resp: 129091

Ion Ratio Lower Upper

276 100

138 25.7 18.1 27.1

277 26.5 18.2 27.2



#96

Benzo(g,h,i)perylene

Concen: 1.661 ng/ul

RT: 28.585 min Scan# 4352

Delta R.T. 0.017 min

Lab File: BN031858.D

Acq: 08 Jun 2024 14:33

Tgt Ion:276 Resp: 124965

Ion Ratio Lower Upper

276 100

138 25.9 20.9 31.3

277 22.7 18.0 27.0

