

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
 Data File : BN022117.D
 Acq On : 14 Oct 2022 09:52
 Operator : CG/JU
 Sample : N5049-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 15 00:24:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

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

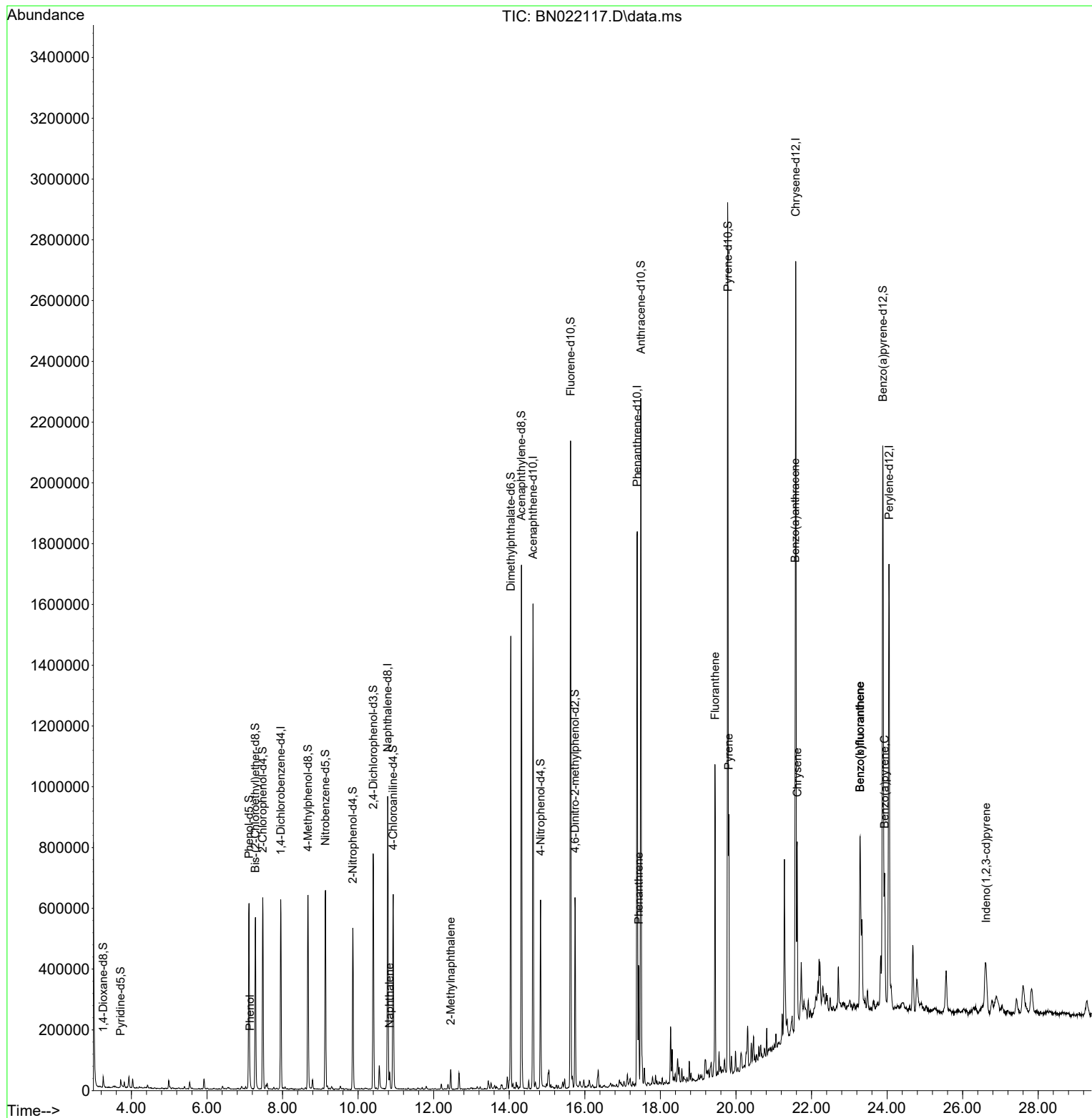
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	163945	20.000	ng/ul	0.00
20) Naphthalene-d8	10.781	136	789821	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.628	164	523215	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1070458	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	1078484	20.000	ng/ul	-0.01
88) Perylene-d12	24.051	264	1057026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	19399	4.485	ng/uL	0.00
4) Pyridine-d5	3.717	84	16024	1.191	ng/ul	0.02
7) Phenol-d5	7.111	99	356147	22.221	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	250102	24.902	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	288895	25.997	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	246338	19.343	ng/ul	-0.01
21) Nitrobenzene-d5	9.134	128	156719	27.060	ng/ul	0.00
24) 2-Nitrophenol-d4	9.857	143	170618	28.743	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.399	165	277135	24.872	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.928	131	339466	18.635	ng/ul	0.00
46) Dimethylphthalate-d6	14.040	166	928435	25.456	ng/ul	0.00
49) Acenaphthylene-d8	14.322	160	1072375	26.330	ng/ul	0.00
54) 4-Nitrophenol-d4	14.828	143	143928	18.488	ng/ul	0.00
60) Fluorene-d10	15.622	176	788087	25.618	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.740	200	116202	19.028	ng/ul	-0.01
73) Anthracene-d10	17.481	188	1204595	25.895	ng/ul	0.00
81) Pyrene-d10	19.786	212	1394155	25.964	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.886	264	1339240	25.835	ng/ul	-0.01
Target Compounds						Qvalue
8) Phenol	7.140	94	18537	1.090	ng/ul	95
30) Naphthalene	10.834	128	44040	1.041	ng/ul	98
36) 2-Methylnaphthalene	12.451	142	30984	1.060	ng/ul	99
72) Phenanthrene	17.428	178	227419	3.938	ng/ul	95
80) Fluoranthene	19.445	202	540575	8.020	ng/ul	96
82) Pyrene	19.810	202	448288	6.357	ng/ul	99
85) Benzo(a)anthracene	21.569	228	344844	5.004	ng/ul#	94
87) Chrysene	21.622	228	328813	4.965	ng/ul	99
90) Benzo(b)fluoranthene	23.286	252	357959	5.369	ng/ul	98
91) Benzo(k)fluoranthene	23.286	252	357959	5.435	ng/ul	98
93) Benzo(a)pyrene	23.933	252	185626	3.115	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.621	276	94956	1.275	ng/ul	94

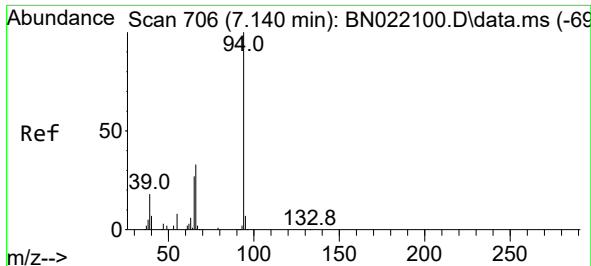
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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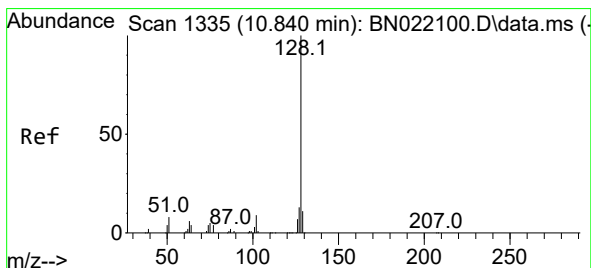
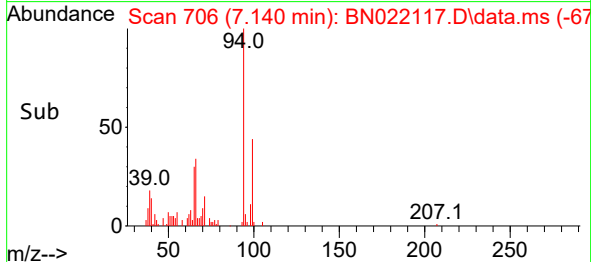
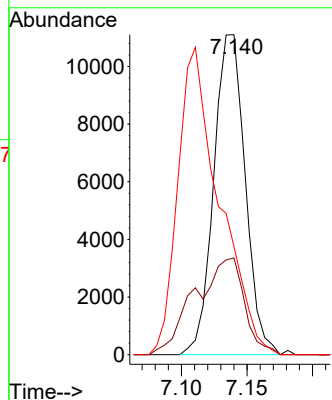
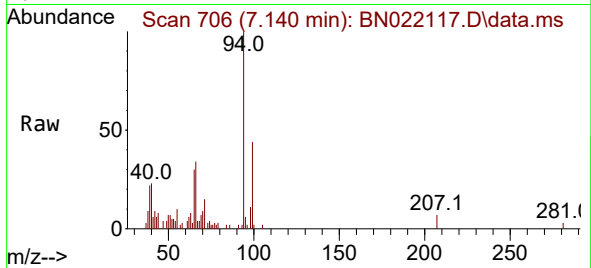




#8
Phenol
Concen: 1.090 ng/ul
RT: 7.140 min Scan# 706
Delta R.T. 0.000 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

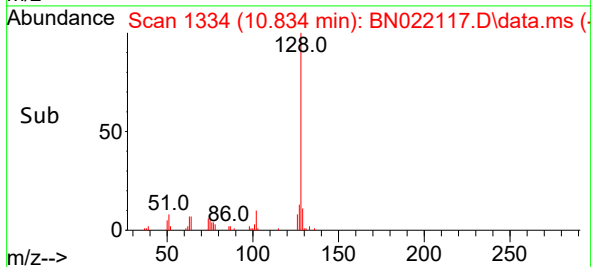
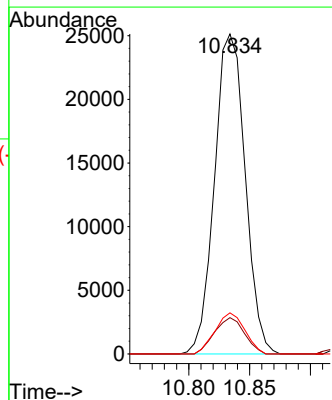
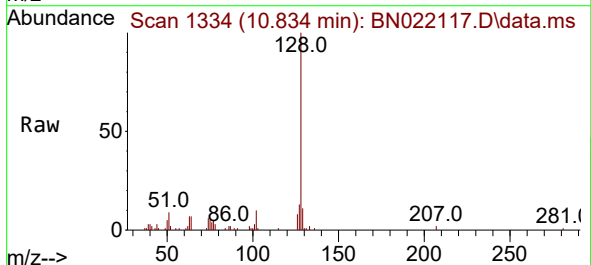
Instrument :
BNA_N
ClientSampleId :

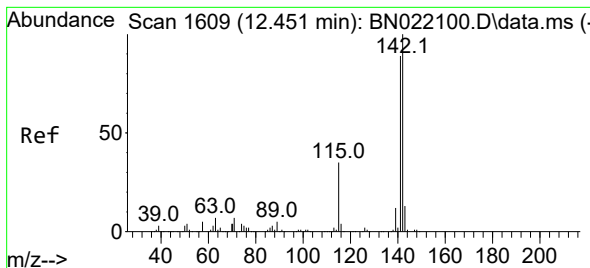
Tgt Ion: 94 Resp: 18537
Ion Ratio Lower Upper
94 100
65 30.3 22.1 33.1
66 33.8 29.0 43.6



#30
Naphthalene
Concen: 1.041 ng/ul
RT: 10.834 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

Tgt Ion:128 Resp: 44040
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 12.9 10.8 16.2





#36

2-Methylnaphthalene

Concen: 1.060 ng/ul

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BN022117.D

Acq: 14 Oct 2022 09:52

Instrument :

BNA_N

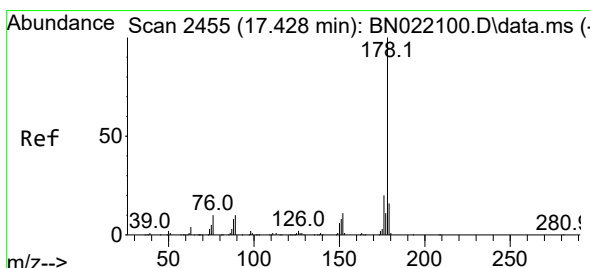
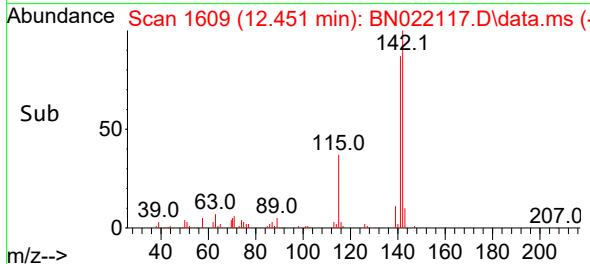
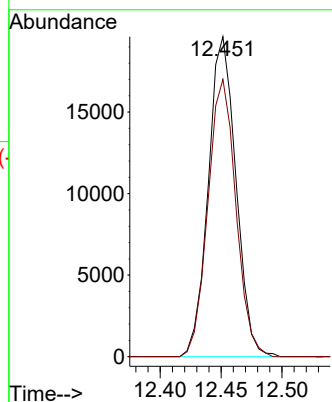
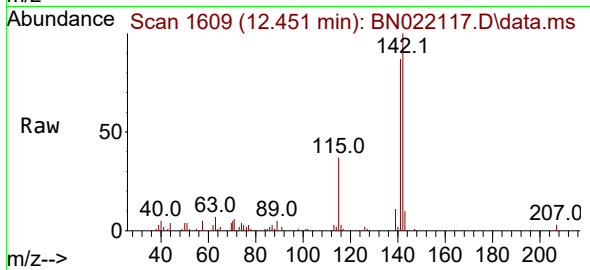
ClientSampleId :

Tgt Ion:142 Resp: 30984

Ion Ratio Lower Upper

142 100

141 86.6 69.7 104.5



#72

Phenanthrene

Concen: 3.938 ng/ul

RT: 17.428 min Scan# 2455

Delta R.T. -0.006 min

Lab File: BN022117.D

Acq: 14 Oct 2022 09:52

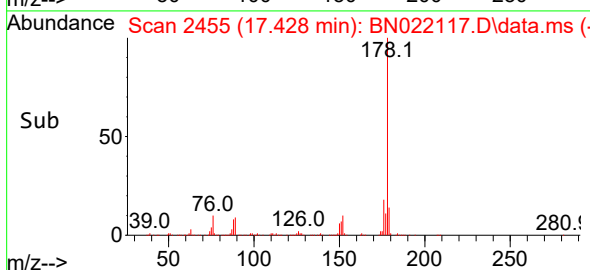
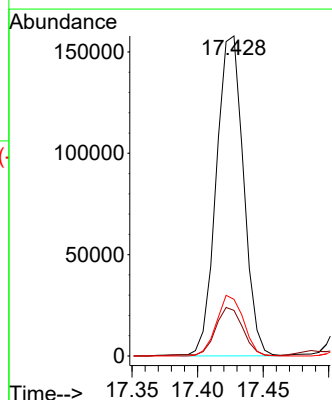
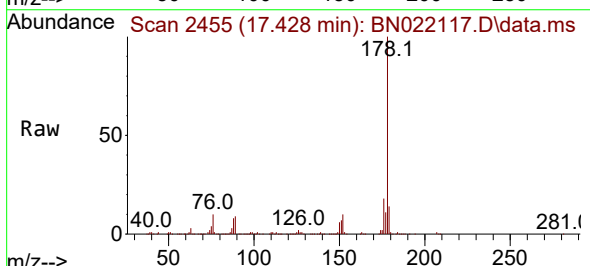
Tgt Ion:178 Resp: 227419

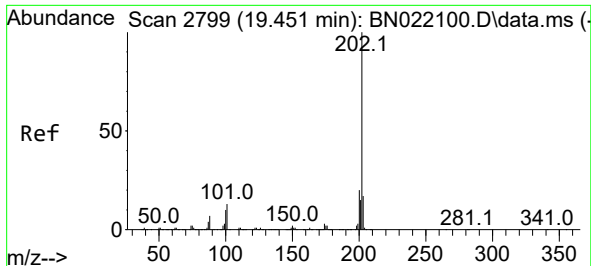
Ion Ratio Lower Upper

178 100

179 14.3 12.3 18.5

176 17.7 16.5 24.7

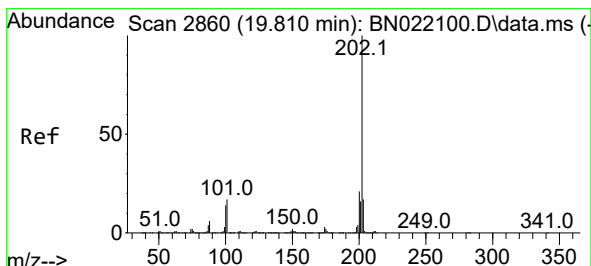
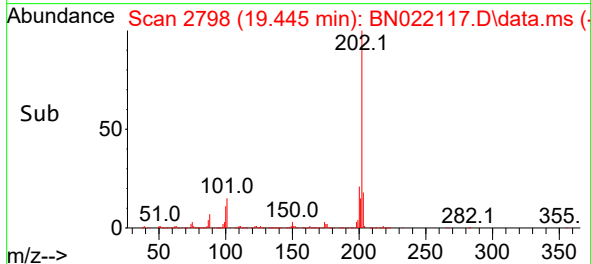
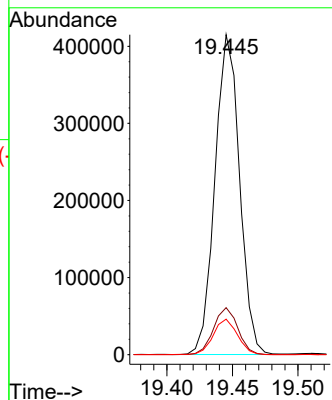
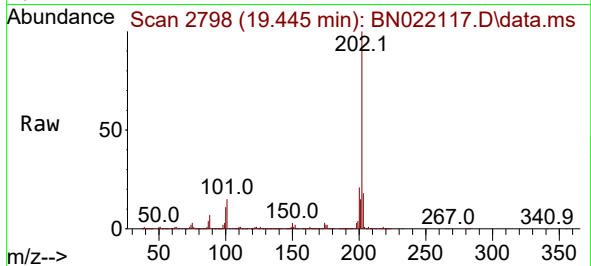




#80
Fluoranthene
Concen: 8.020 ng/ul
RT: 19.445 min Scan# 21
Delta R.T. -0.012 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

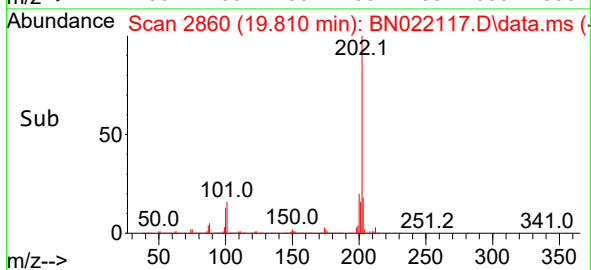
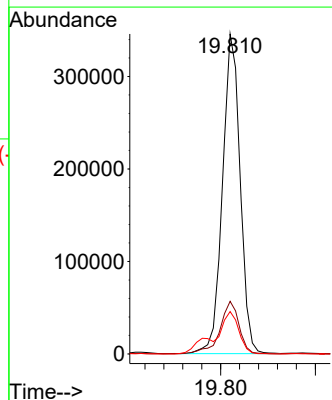
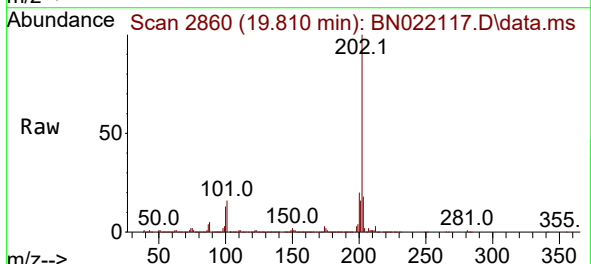
Instrument :
BNA_N
ClientSampleId :

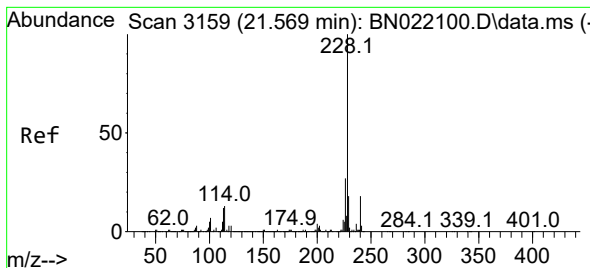
Tgt Ion:202 Resp: 540575
Ion Ratio Lower Upper
202 100
101 14.7 10.3 15.5
100 11.1 7.8 11.8



#82
Pyrene
Concen: 6.357 ng/ul
RT: 19.810 min Scan# 2860
Delta R.T. -0.006 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

Tgt Ion:202 Resp: 448288
Ion Ratio Lower Upper
202 100
101 16.4 13.4 20.0
100 13.3 10.9 16.3





#85

Benzo(a)anthracene

Concen: 5.004 ng/ul

RT: 21.569 min Scan# 3159

Delta R.T. -0.006 min

Lab File: BN022117.D

Acq: 14 Oct 2022 09:52

Instrument :

BNA_N

ClientSampleId :

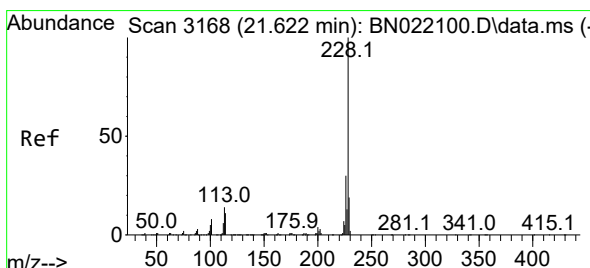
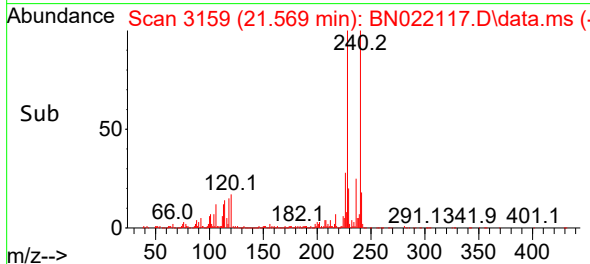
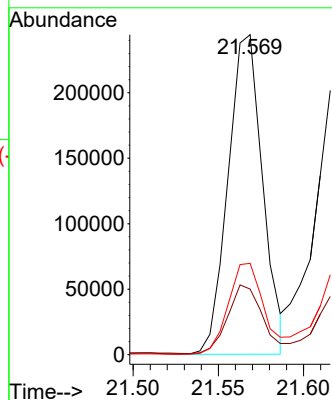
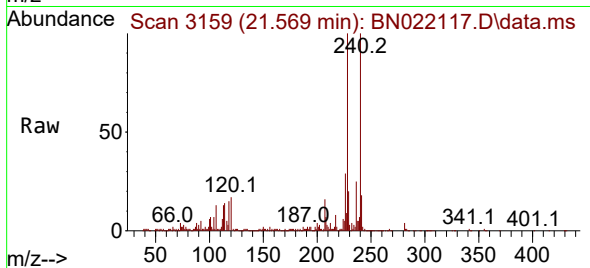
Tgt Ion:228 Resp: 344844

Ion Ratio Lower Upper

228 100

229 20.5 13.5 20.3#

226 28.6 21.0 31.6



#87

Chrysene

Concen: 4.965 ng/ul

RT: 21.622 min Scan# 3168

Delta R.T. -0.006 min

Lab File: BN022117.D

Acq: 14 Oct 2022 09:52

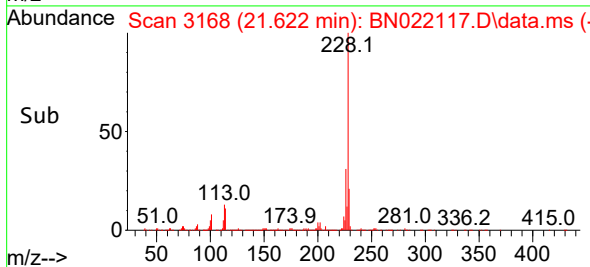
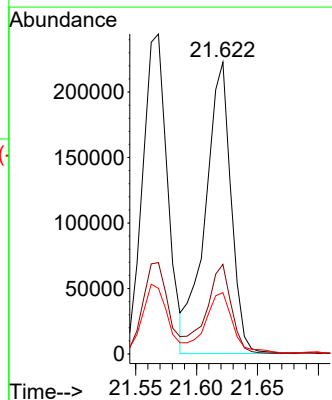
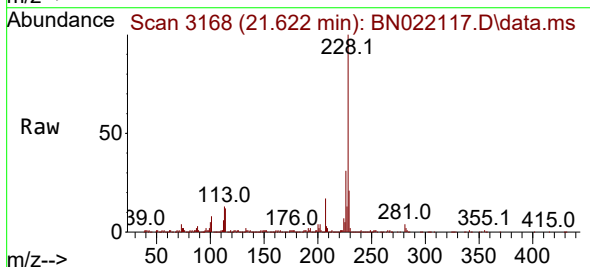
Tgt Ion:228 Resp: 328813

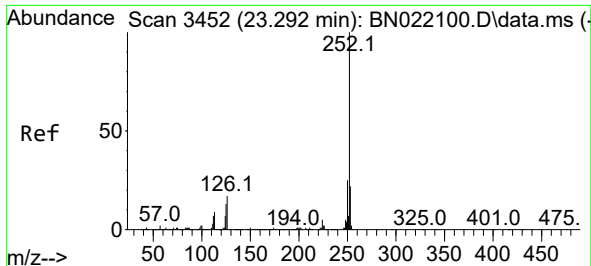
Ion Ratio Lower Upper

228 100

226 30.7 23.8 35.8

229 21.0 16.5 24.7

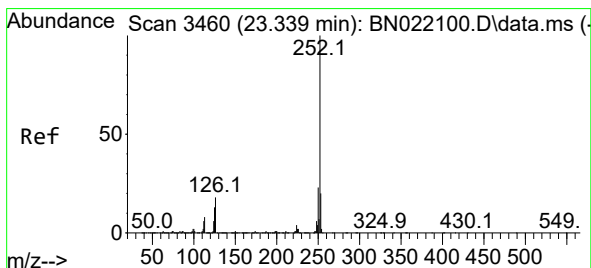
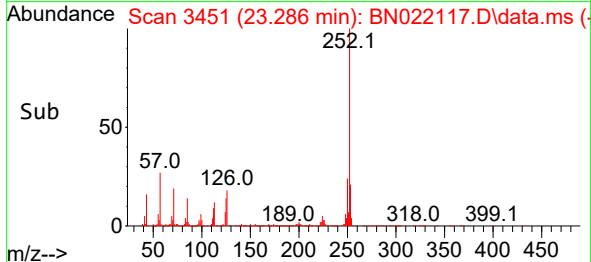
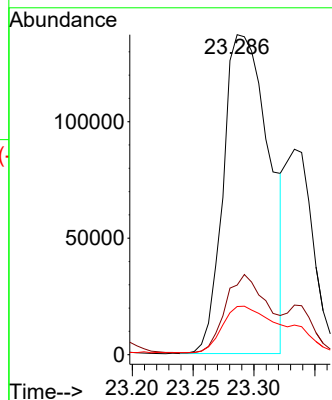
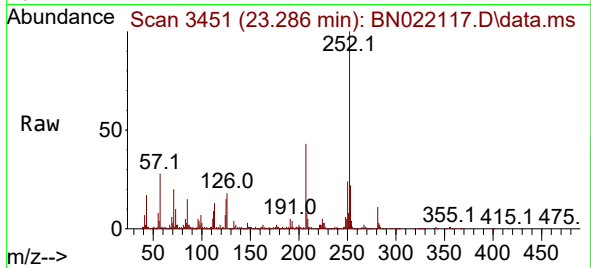




#90
Benzo(b)fluoranthene
Concen: 5.369 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.012 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

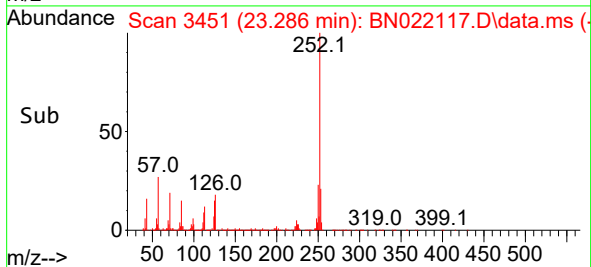
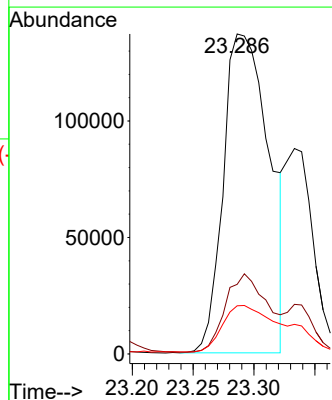
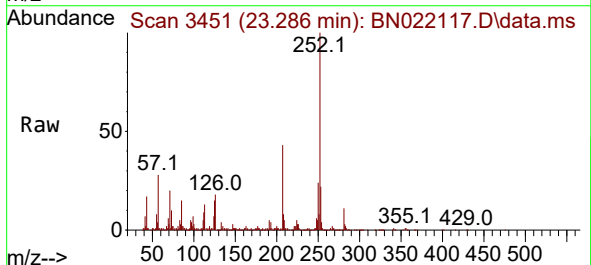
Instrument :
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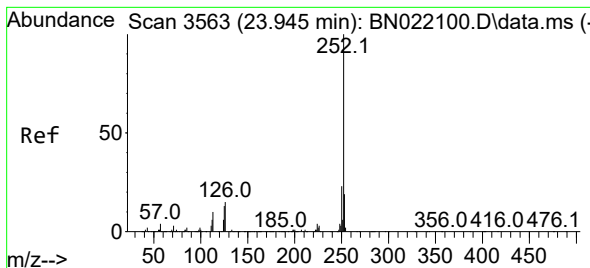
Tgt Ion:252 Resp: 357959
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 15.0 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 5.435 ng/ul
RT: 23.286 min Scan# 3451
Delta R.T. -0.065 min
Lab File: BN022117.D
Acq: 14 Oct 2022 09:52

Tgt Ion:252 Resp: 357959
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 15.0 10.6 15.8





#93

Benzo(a)pyrene

Concen: 3.115 ng/ul

RT: 23.933 min Scan# 31

Delta R.T. -0.018 min

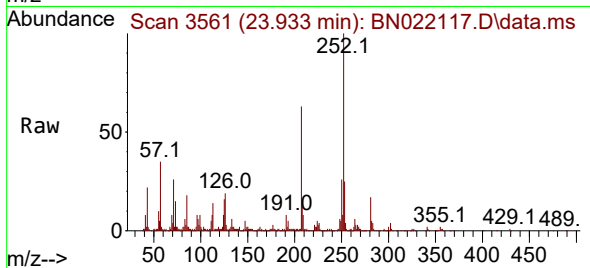
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Acq: 14 Oct 2022 09:52

Instrument :

BNA_N

ClientSampleId :



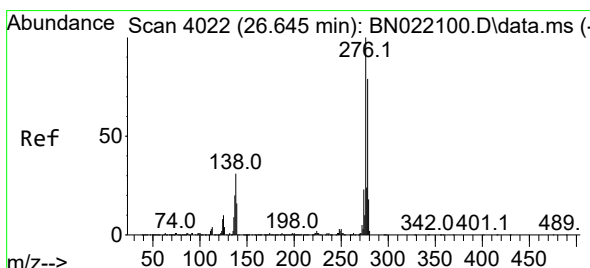
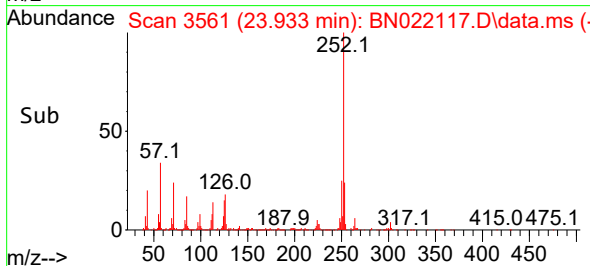
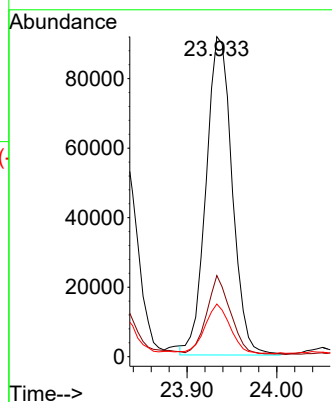
Tgt Ion:252 Resp: 185626

Ion Ratio Lower Upper

252 100

253 25.3 17.2 25.8

125 16.5 10.8 16.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.275 ng/ul

RT: 26.621 min Scan# 4018

Delta R.T. -0.041 min

Lab File: BN022117.D

Acq: 14 Oct 2022 09:52

Tgt Ion:276 Resp: 94956

Ion Ratio Lower Upper

276 100

138 26.8 24.6 36.8

277 25.5 18.4 27.6

