

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034786.D
 Acq On : 01 Nov 2024 03:55
 Operator : RC/JU
 Sample : P4529-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H14

Quant Time: Nov 03 23:24:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 11:13:08 2024
 Response via : Initial Calibration

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

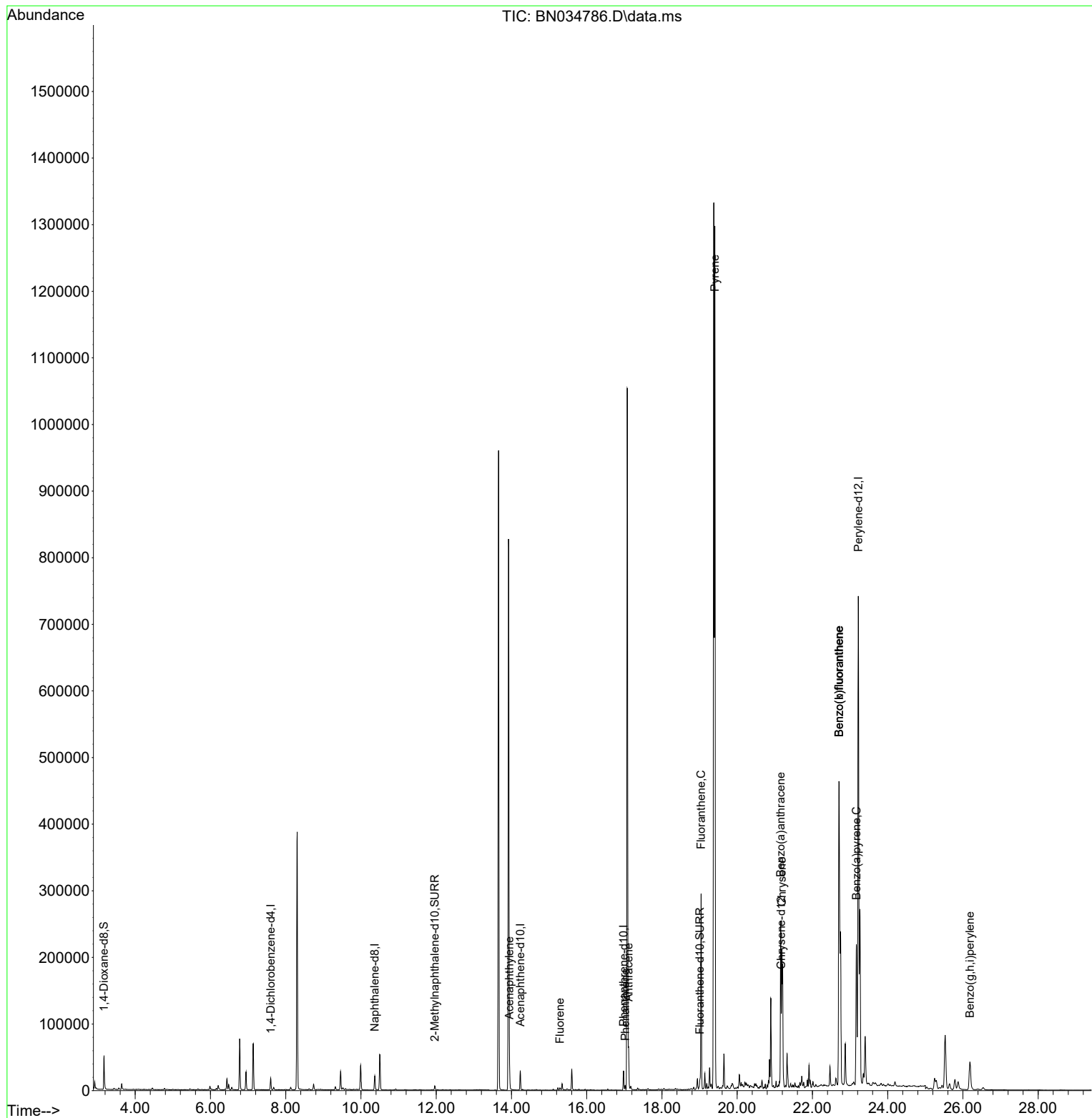
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	8377	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	26840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	14994	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	30508	0.400	ng/ul	0.00
17) Chrysene-d12	21.172	240	23199	0.400	ng/ul	0.00
23) Perylene-d12	23.220	264	646925	0.400	ng/ul	#-0.14
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	31177	3.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	7617	0.226	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	14999	0.199	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.949	152	20712	0.303	ng/ul	100
12) Fluorene	15.291	166	2580	0.044	ng/ul#	99
15) Phenanthrene	17.021	178	7277	0.079	ng/ul	96
16) Anthracene	17.110	178	60938	0.714	ng/ul	100
19) Fluoranthene	19.042	202	223969	1.990	ng/ul	99
20) Pyrene	19.404	202	969630	8.276	ng/ul	96
21) Benzo(a)anthracene	21.157	228	193490	2.084	ng/ul	92
22) Chrysene	21.189	228	296762	3.192	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	400667	0.152	ng/ul	94
25) Benzo(k)fluoranthene	22.706	252	830446	0.313	ng/ul#	94
26) Benzo(a)pyrene	23.168	252	259124	0.114	ng/ul	95
29) Benzo(g,h,i)perylene	26.184	276	73321	0.039	ng/ul	98

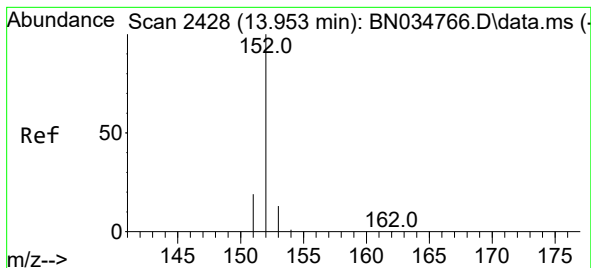
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

Acenaphthylene

Concen: 0.303 ng/ul

RT: 13.949 min Scan# 2427

Delta R.T. -0.005 min

Lab File: BN034786.D

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BNA_N

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F7H14

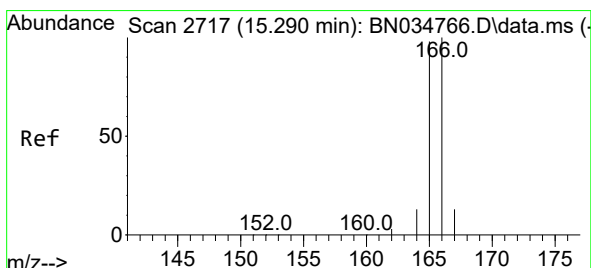
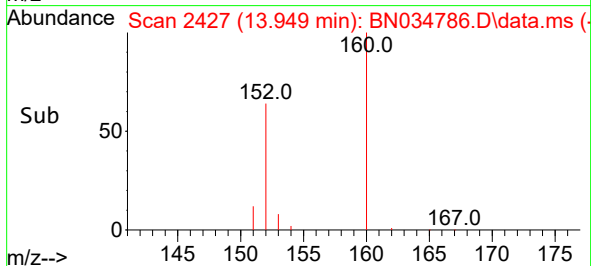
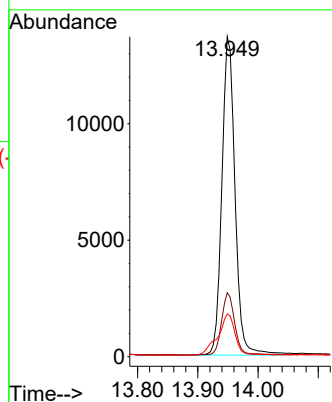
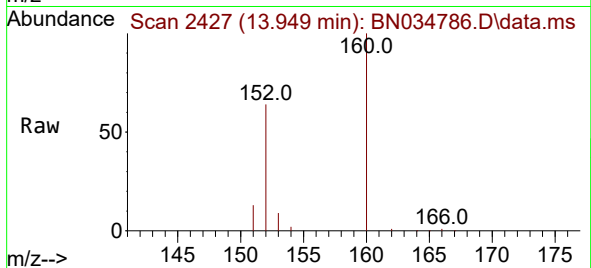
Tgt Ion:152 Resp: 20712

Ion Ratio Lower Upper

152 100

151 20.0 16.0 24.0

153 13.4 10.7 16.1



#12

Fluorene

Concen: 0.044 ng/ul

RT: 15.291 min Scan# 2717

Delta R.T. -0.000 min

Lab File: BN034786.D

Acq: 01 Nov 2024 03:55

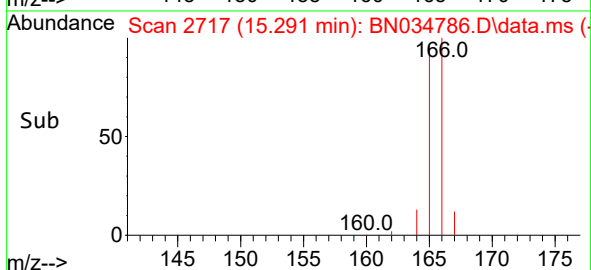
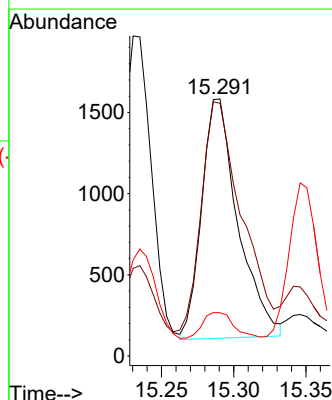
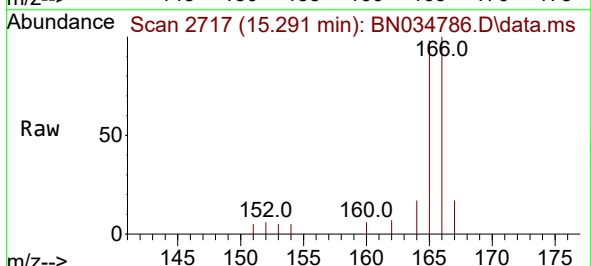
Tgt Ion:166 Resp: 2580

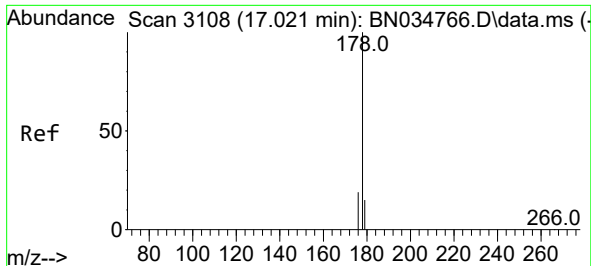
Ion Ratio Lower Upper

166 100

165 98.3 79.1 118.7

167 16.8 11.0 16.4#

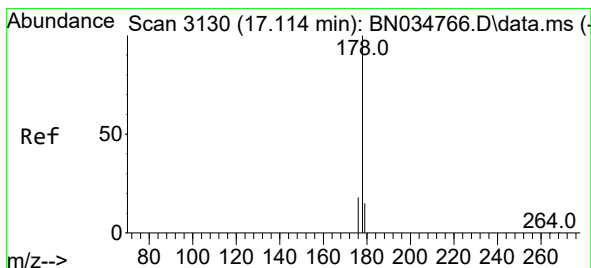
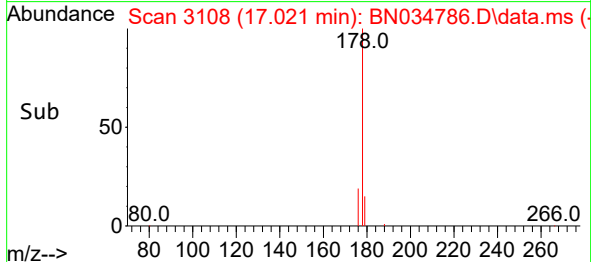
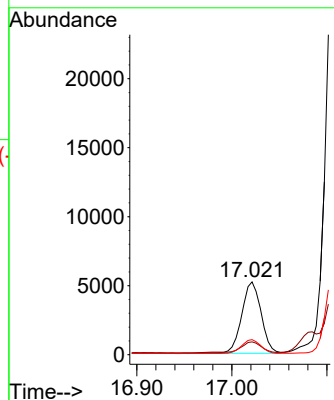
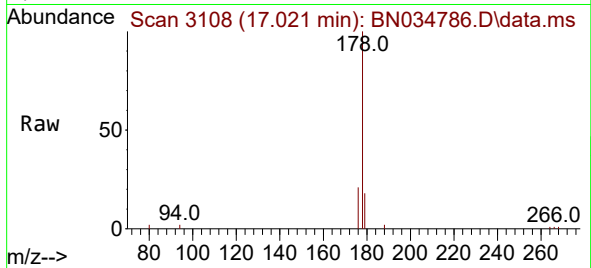




#15
Phenanthrene
Concen: 0.079 ng/ul
RT: 17.021 min Scan# 3108
Delta R.T. -0.004 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

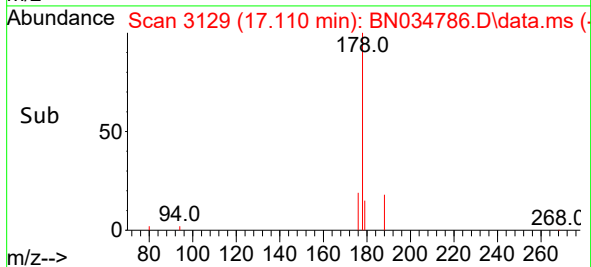
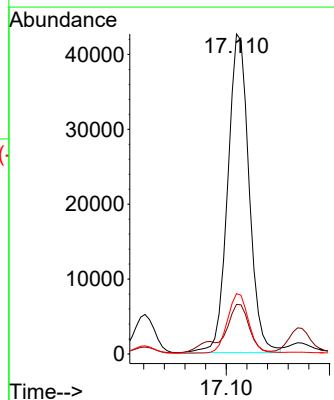
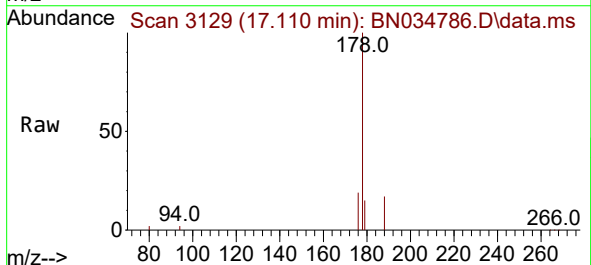
Instrument :
BNA_N
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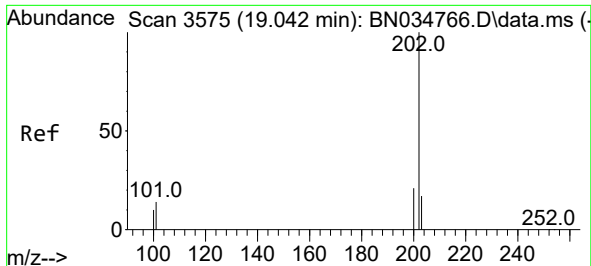
Tgt Ion:178 Resp: 7277
Ion Ratio Lower Upper
178 100
179 17.6 12.4 18.6
176 20.6 15.4 23.0



#16
Anthracene
Concen: 0.714 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

Tgt Ion:178 Resp: 60938
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.9 15.1 22.7

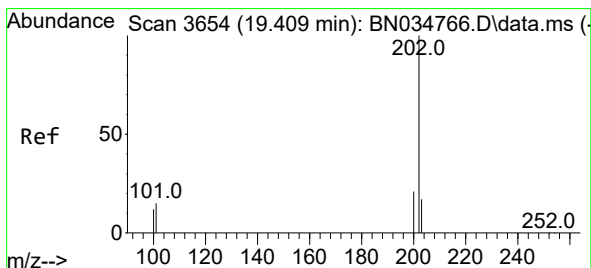
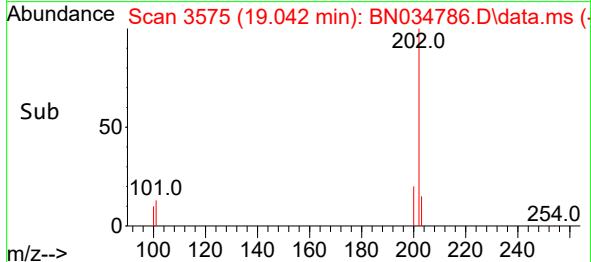
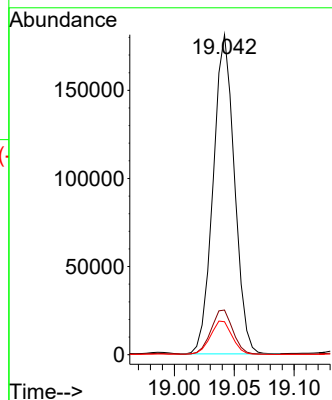
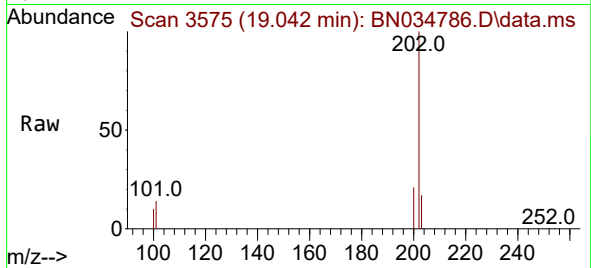




#19
Fluoranthene
Concen: 1.990 ng/ul
RT: 19.042 min Scan# 3575
Delta R.T. -0.005 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

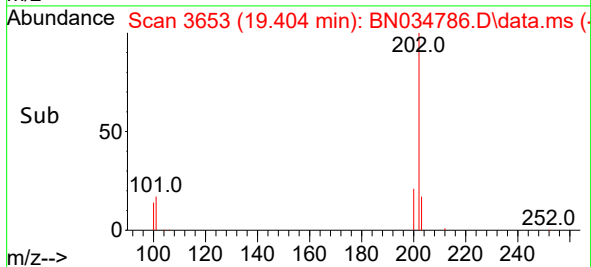
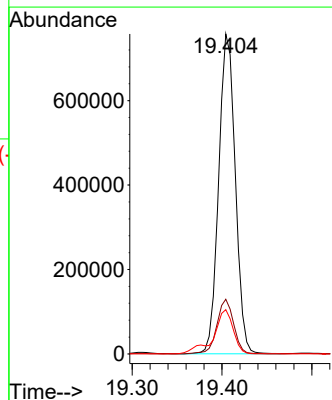
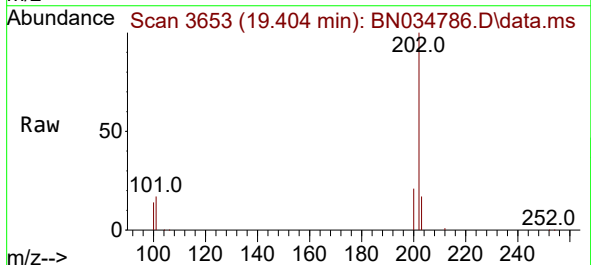
Instrument :
BNA_N
ClientSampleId :
F7H14

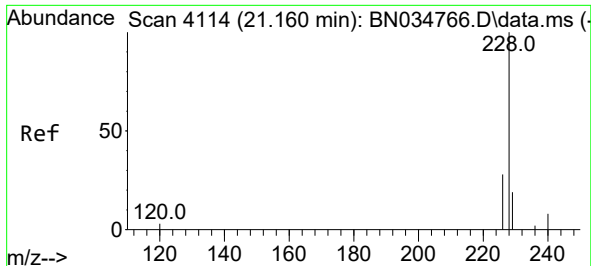
Tgt Ion:202 Resp: 223969
Ion Ratio Lower Upper
202 100
101 13.9 10.8 16.2
100 10.3 8.2 12.2



#20
Pyrene
Concen: 8.276 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

Tgt Ion:202 Resp: 969630
Ion Ratio Lower Upper
202 100
101 17.1 12.4 18.6
100 13.8 10.0 15.0

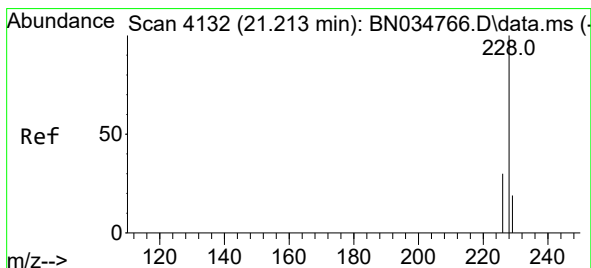
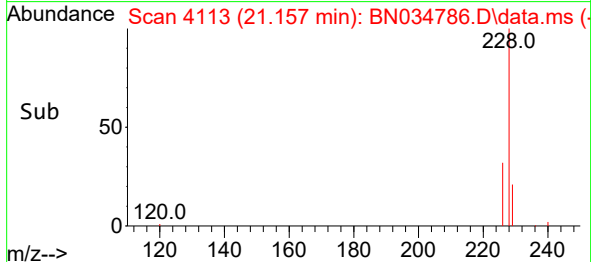
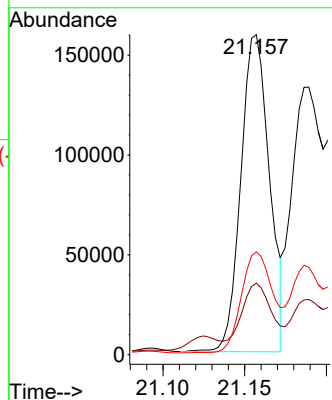
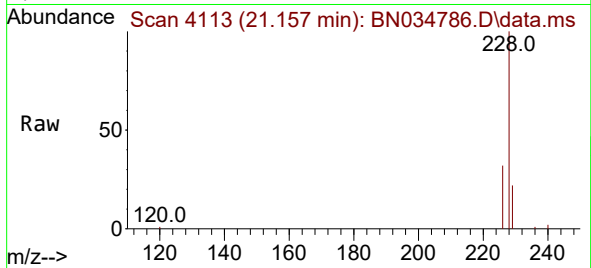




#21
Benzo(a)anthracene
Concen: 2.084 ng/ul
RT: 21.157 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

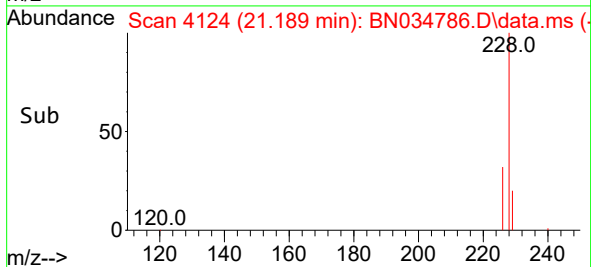
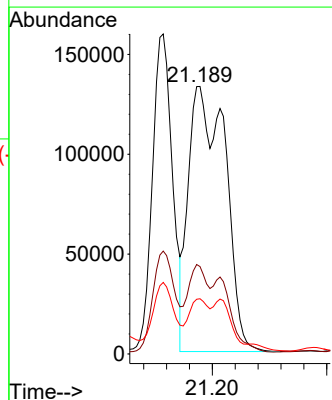
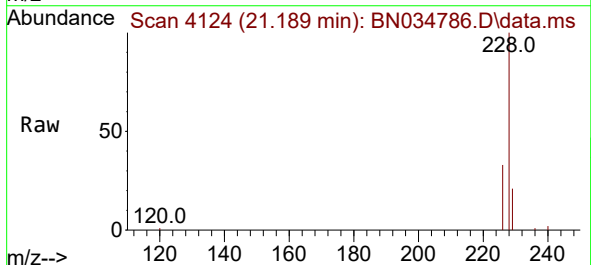
Instrument :
BNA_N
ClientSampleId :
F7H14

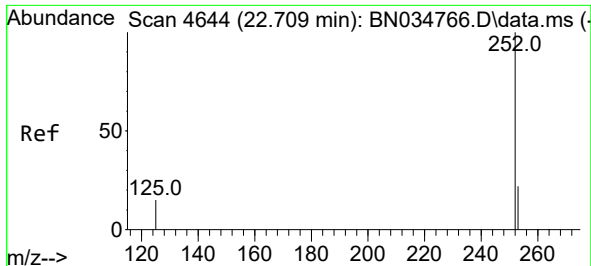
Tgt Ion:228 Resp: 193490
Ion Ratio Lower Upper
228 100
229 22.3 15.5 23.3
226 32.2 22.1 33.1



#22
Chrysene
Concen: 3.192 ng/ul
RT: 21.189 min Scan# 4124
Delta R.T. -0.023 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

Tgt Ion:228 Resp: 296762
Ion Ratio Lower Upper
228 100
226 32.7 24.3 36.5
229 20.6 15.6 23.4

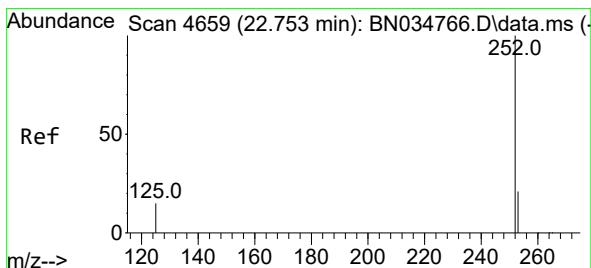
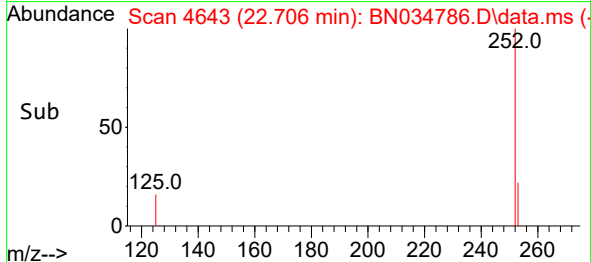
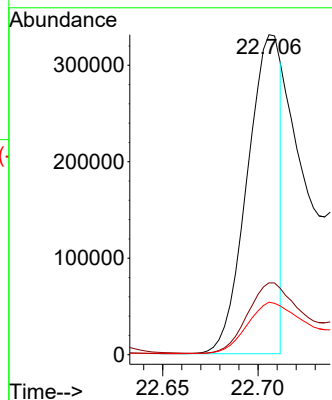
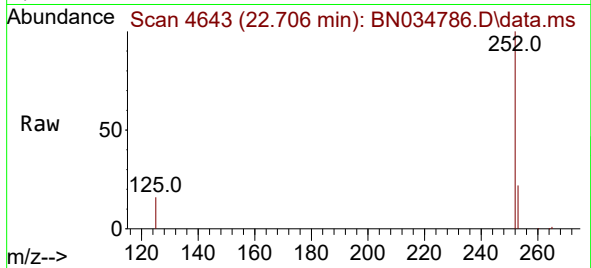




#24
Benzo(b)fluoranthene
Concen: 0.152 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.003 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

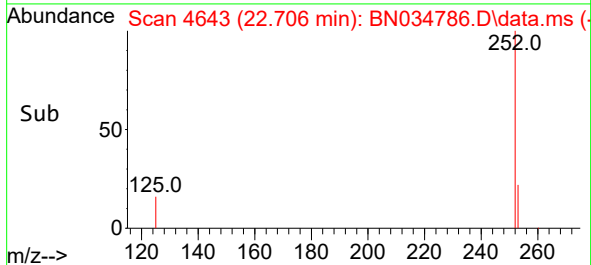
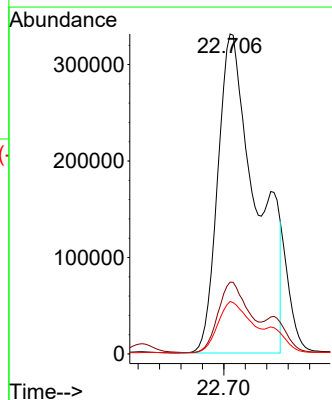
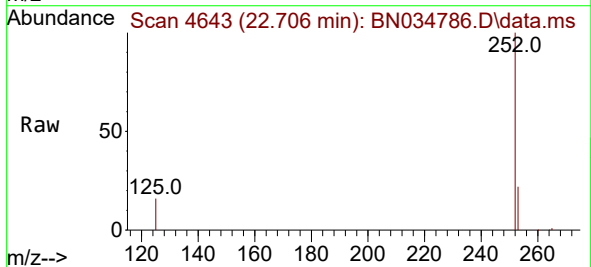
Instrument :
BNA_N
ClientSampleId :
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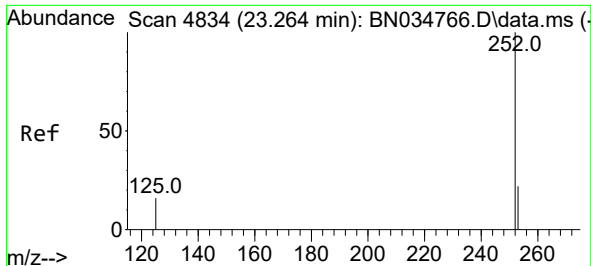
Tgt Ion:252 Resp: 400667
Ion Ratio Lower Upper
252 100
253 22.5 0.0 47.6
125 16.4 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.313 ng/ul
RT: 22.706 min Scan# 4643
Delta R.T. -0.044 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

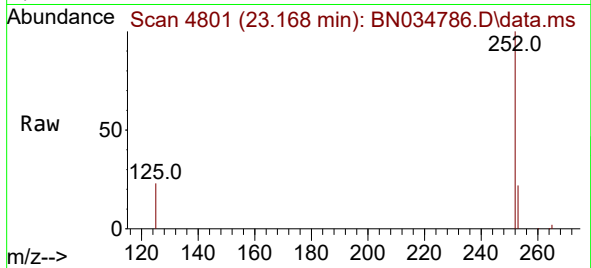
Tgt Ion:252 Resp: 830446
Ion Ratio Lower Upper
252 100
253 22.5 19.1 28.7
125 16.4 17.0 25.4#



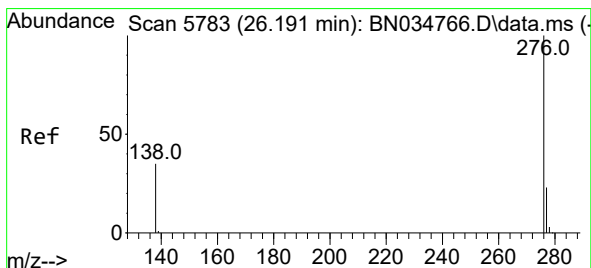
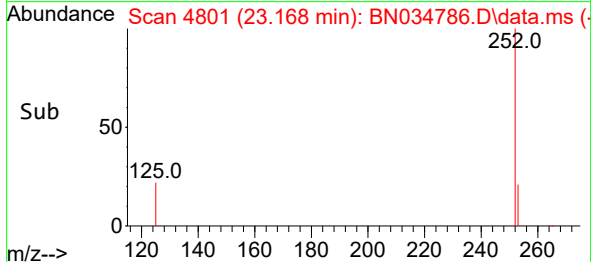
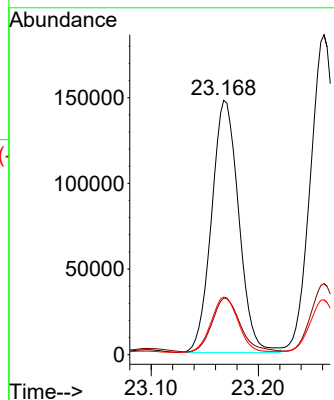


#26
Benzo(a)pyrene
Concen: 0.114 ng/ul
RT: 23.168 min Scan# 4834
Delta R.T. -0.097 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion:252 Resp: 259124
Ion Ratio Lower Upper
252 100
253 22.3 20.0 30.0
125 22.6 19.8 29.6



#29
Benzo(g,h,i)perylene
Concen: 0.039 ng/ul
RT: 26.184 min Scan# 5781
Delta R.T. -0.010 min
Lab File: BN034786.D
Acq: 01 Nov 2024 03:55

Tgt Ion:276 Resp: 73321
Ion Ratio Lower Upper
276 100
138 34.4 28.8 43.2
277 24.4 20.2 30.2

