

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
 Data File : BN034798.D
 Acq On : 01 Nov 2024 11:08
 Operator : RC/JU
 Sample : P4529-09DL 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 F7H24DL

Quant Time: Nov 03 23:26:05 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)

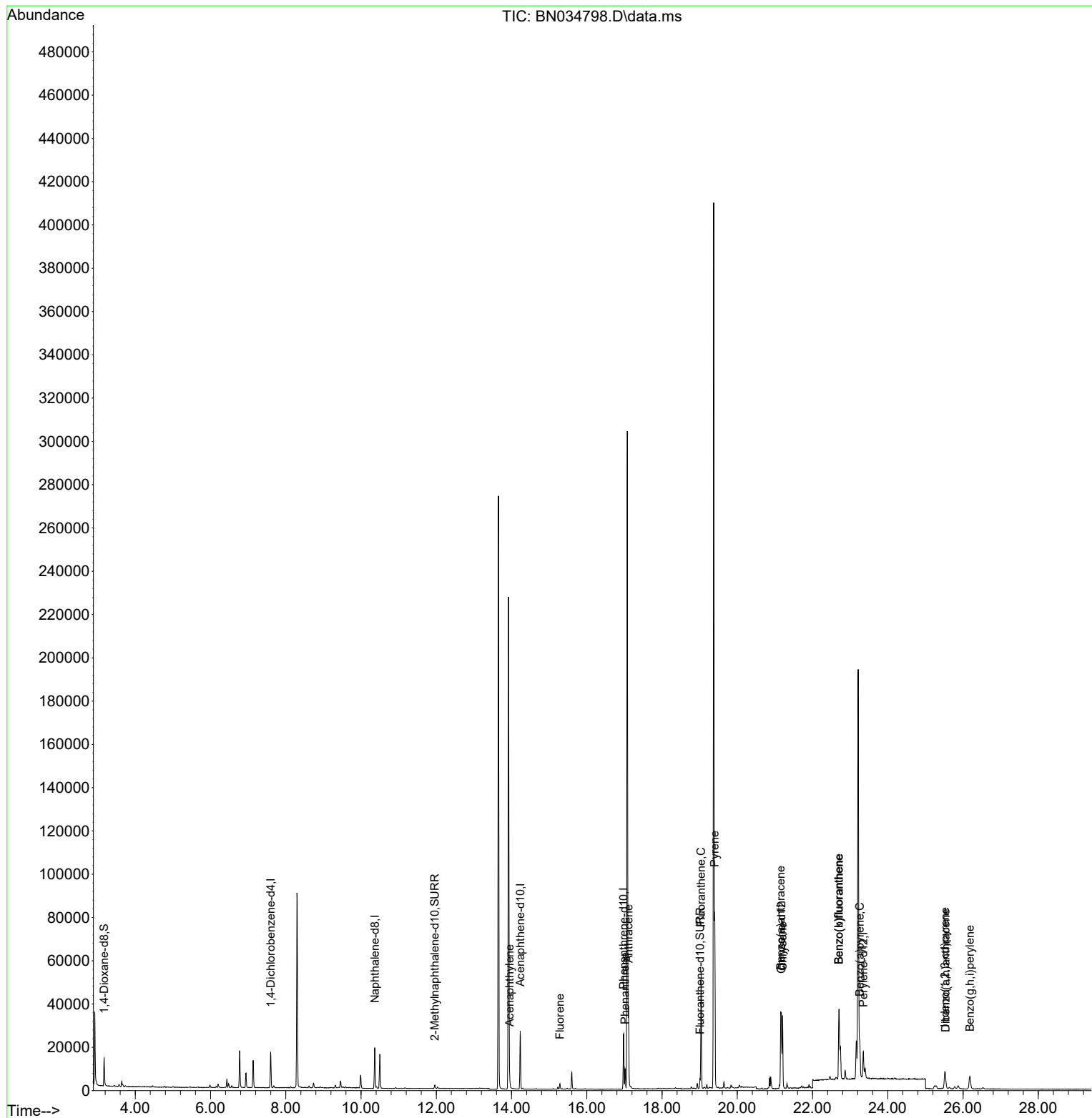
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7968	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	24503	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.231	164	13666	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.979	188	27735	0.400	ng/ul	0.00
17) Chrysene-d12	21.169	240	19516	0.400	ng/ul	0.00
23) Perylene-d12	23.349	264	16212	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.174	96	8085	0.980	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.961	152	2067	0.067	ng/ul	0.00
18) Fluoranthene-d10	19.009	212	4085	0.064	ng/ul	0.00
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.949	152	5499	0.088	ng/ul	97
12) Fluorene	15.286	166	1542	0.029	ng/ul#	95
15) Phenanthrene	17.017	178	9256	0.110	ng/ul	97
16) Anthracene	17.110	178	35508	0.457	ng/ul	100
19) Fluoranthene	19.037	202	43740	0.462	ng/ul	97
20) Pyrene	19.399	202	61643	0.625	ng/ul	96
21) Benzo(a)anthracene	21.154	228	25367	0.325	ng/ul	96
22) Chrysene	21.204	228	35744	0.457	ng/ul	99
24) Benzo(b)fluoranthene	22.703	252	63958	0.969	ng/ul	99
25) Benzo(k)fluoranthene	22.703	252	63958	0.961	ng/ul	98
26) Benzo(a)pyrene	23.255	252	20196	0.355	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.517	276	12532	0.207	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.537	278	2988	0.065	ng/ul#	76
29) Benzo(g,h,i)perylene	26.181	276	10963	0.231	ng/ul	98

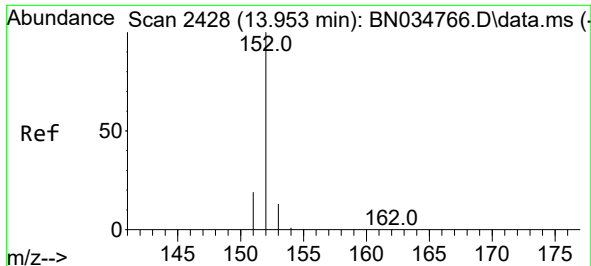
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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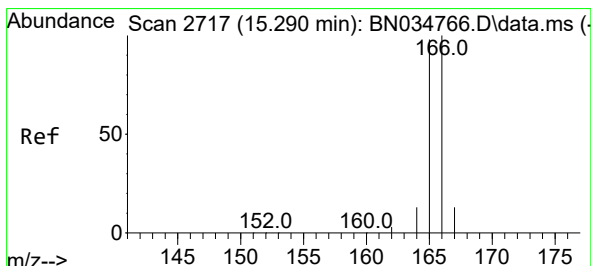
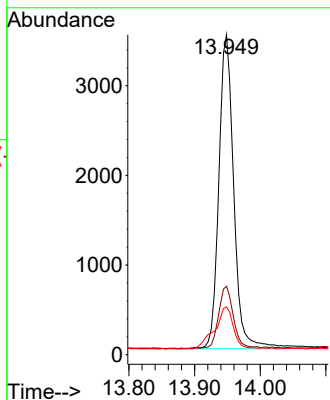
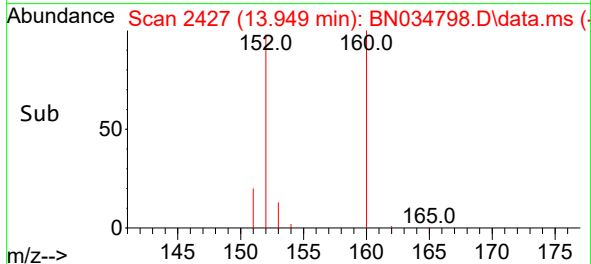
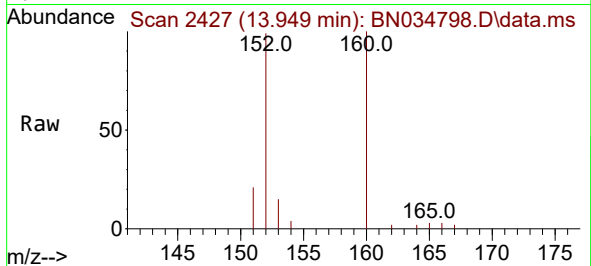




#10
Acenaphthylene
Concen: 0.088 ng/ul
RT: 13.949 min Scan# 2427
Delta R.T. -0.005 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

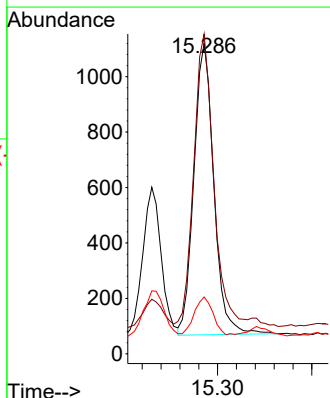
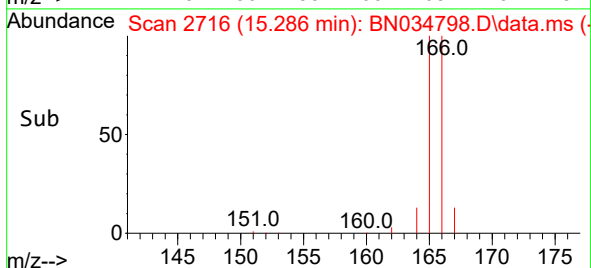
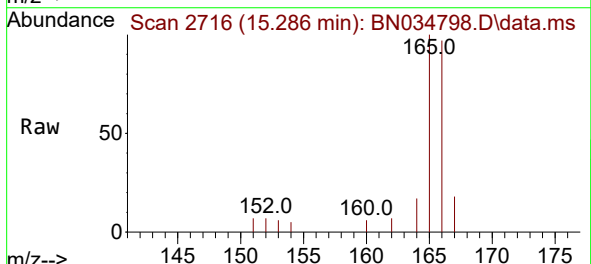
Instrument :
BNA_N
ClientSampleId :
F7H24DL

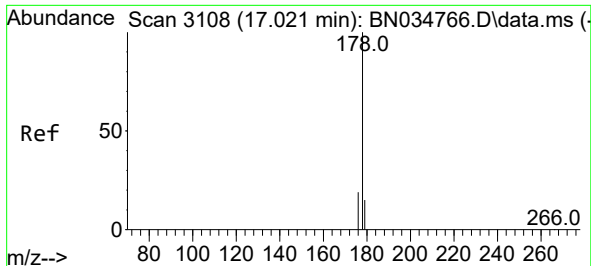
Tgt Ion:152 Resp: 5499
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 14.9 10.7 16.1



#12
Fluorene
Concen: 0.029 ng/ul
RT: 15.286 min Scan# 2716
Delta R.T. -0.005 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

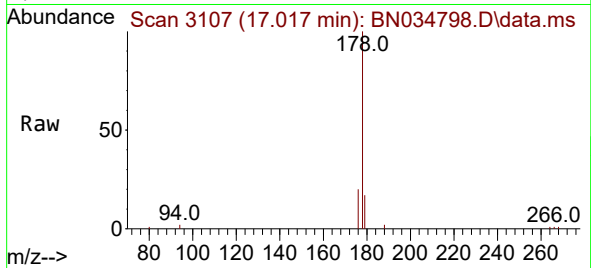
Tgt Ion:166 Resp: 1542
Ion Ratio Lower Upper
166 100
165 102.9 79.1 118.7
167 18.3 11.0 16.4#



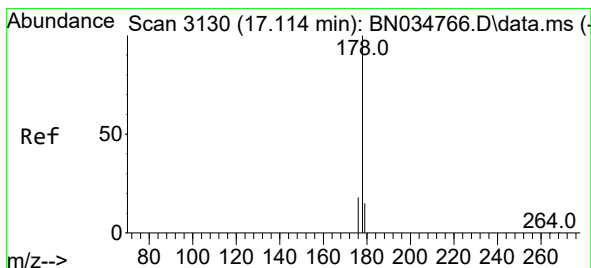
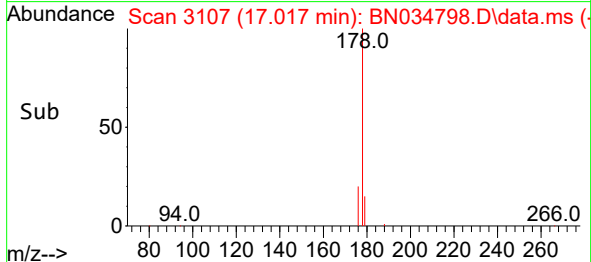
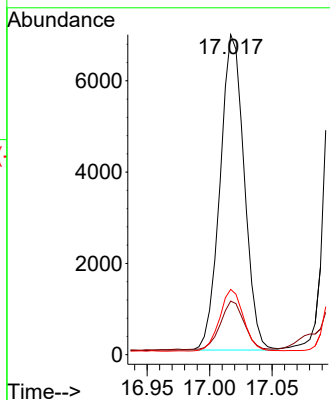


#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.017 min Scan# 3107
Delta R.T. -0.009 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

Instrument :
BNA_N
ClientSampleId :
F7H24DL

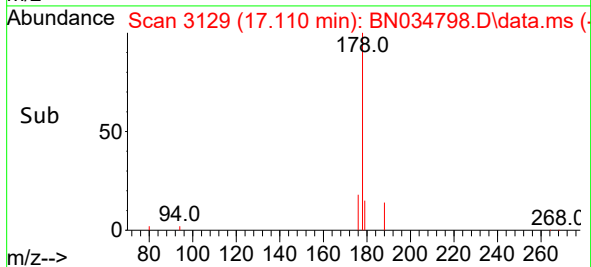
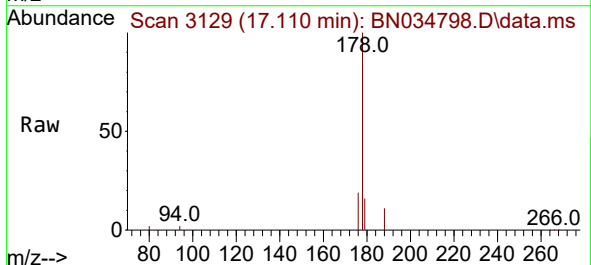
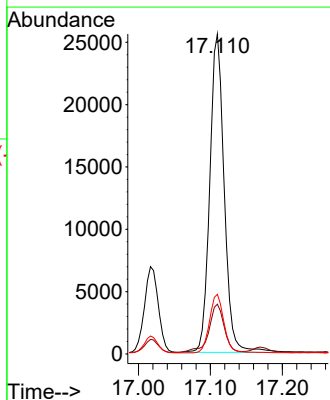


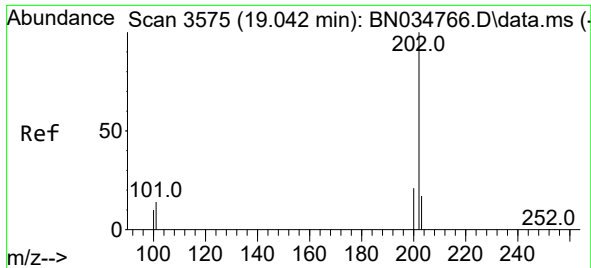
Tgt Ion:178 Resp: 9256
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 20.4 15.4 23.0



#16
Anthracene
Concen: 0.457 ng/ul
RT: 17.110 min Scan# 3129
Delta R.T. -0.005 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

Tgt Ion:178 Resp: 35508
Ion Ratio Lower Upper
178 100
179 15.5 12.3 18.5
176 18.7 15.1 22.7

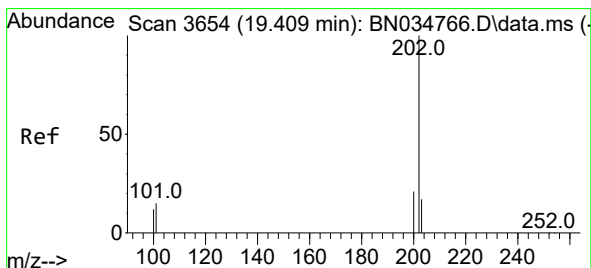
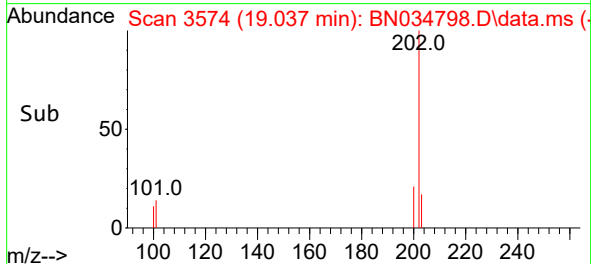
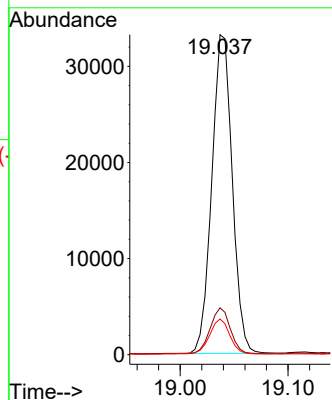
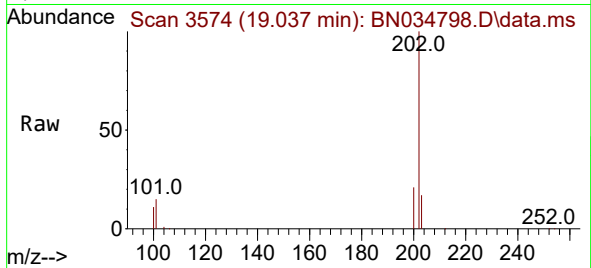




#19
Fluoranthene
Concen: 0.462 ng/ul
RT: 19.037 min Scan# 3574
Delta R.T. -0.010 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

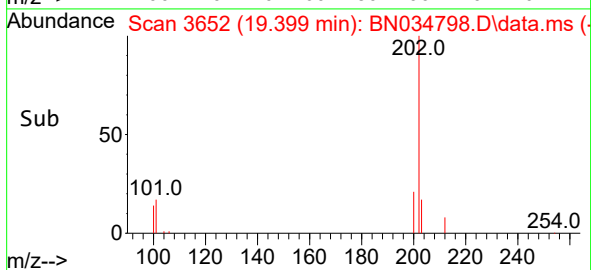
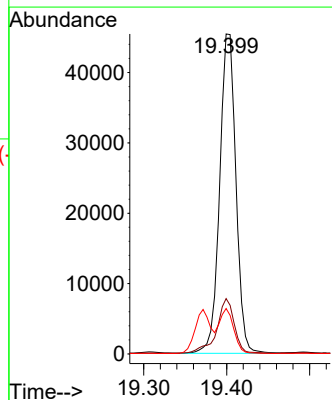
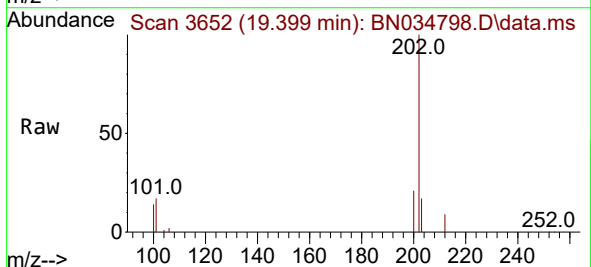
Instrument :
BNA_N
ClientSampleId :
F7H24DL

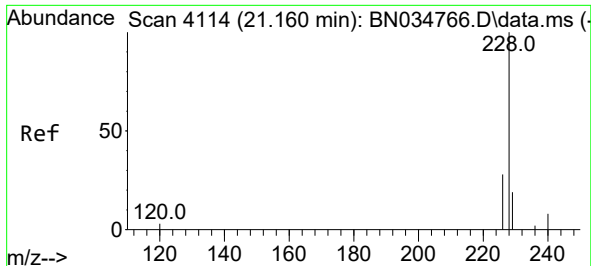
Tgt Ion:202 Resp: 43740
Ion Ratio Lower Upper
202 100
101 14.7 10.8 16.2
100 11.2 8.2 12.2



#20
Pyrene
Concen: 0.625 ng/ul
RT: 19.399 min Scan# 3652
Delta R.T. -0.010 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

Tgt Ion:202 Resp: 61643
Ion Ratio Lower Upper
202 100
101 17.3 12.4 18.6
100 14.2 10.0 15.0

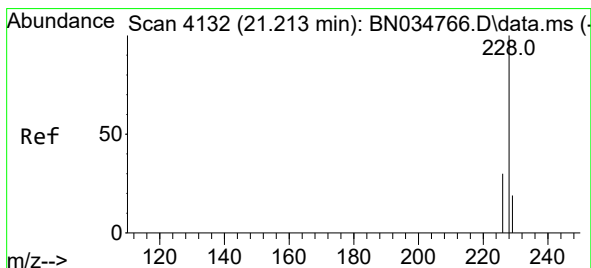
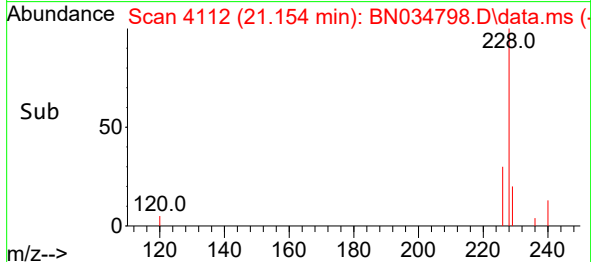
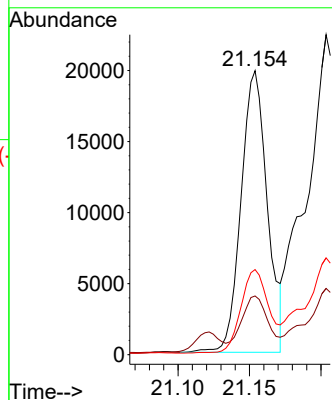
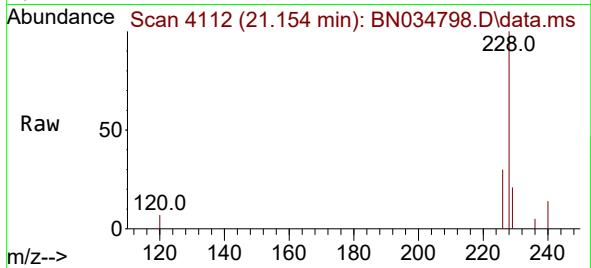




#21
Benzo(a)anthracene
Concen: 0.325 ng/ul
RT: 21.154 min Scan# 4112
Delta R.T. -0.006 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

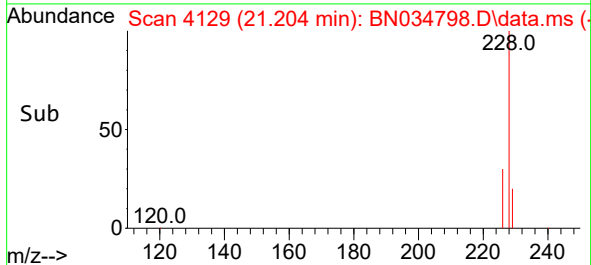
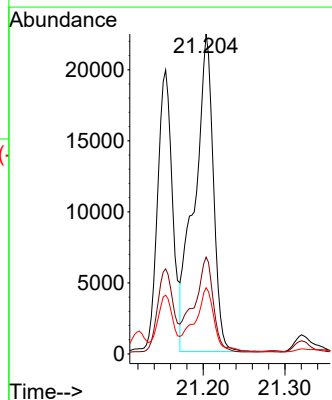
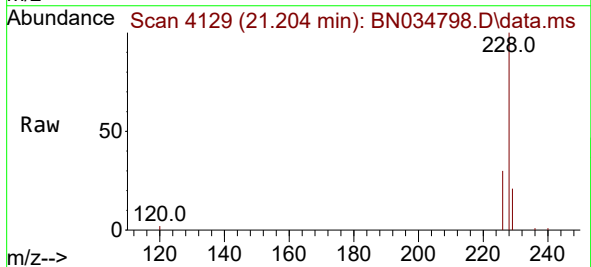
Instrument :
BNA_N
ClientSampleId :
F7H24DL

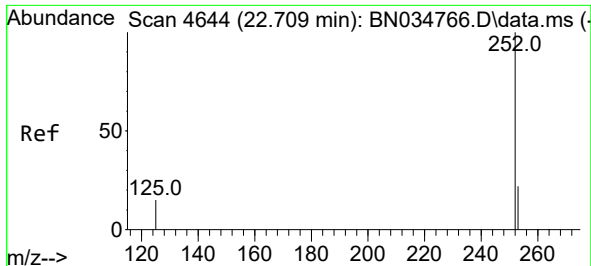
Tgt Ion:228 Resp: 25367
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 30.0 22.1 33.1



#22
Chrysene
Concen: 0.457 ng/ul
RT: 21.204 min Scan# 4129
Delta R.T. -0.009 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

Tgt Ion:228 Resp: 35744
Ion Ratio Lower Upper
228 100
226 30.2 24.3 36.5
229 20.7 15.6 23.4

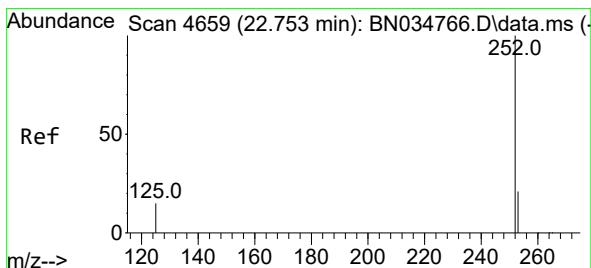
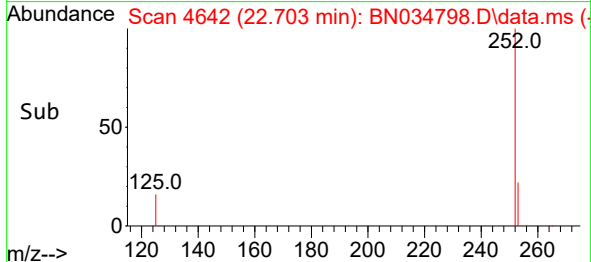
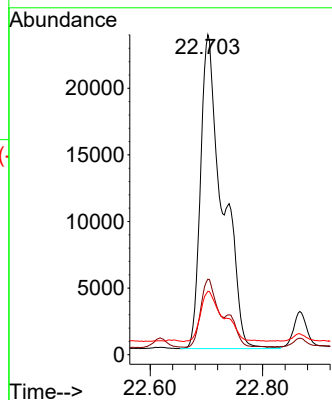
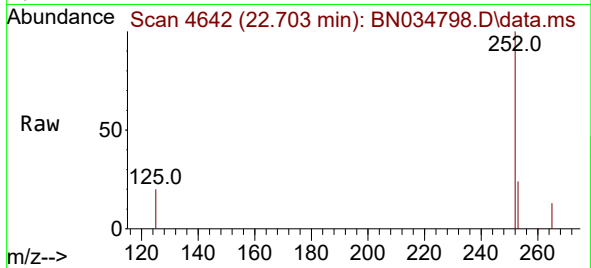




#24
Benzo(b)fluoranthene
Concen: 0.969 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.006 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

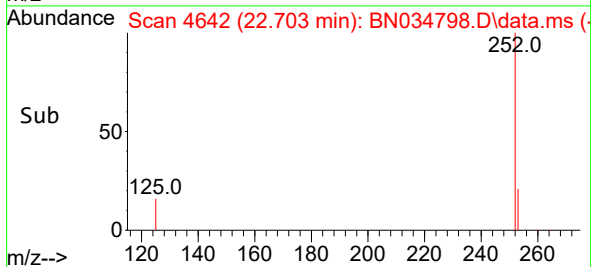
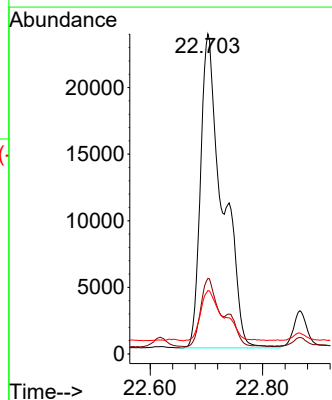
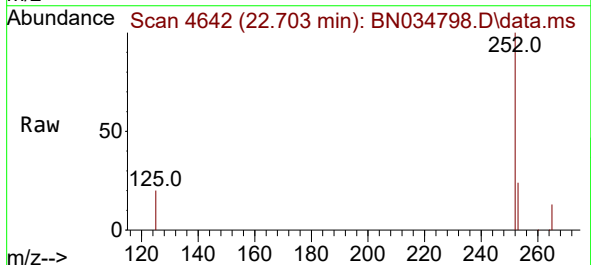
Instrument :
BNA_N
ClientSampleId :
F7H24DL

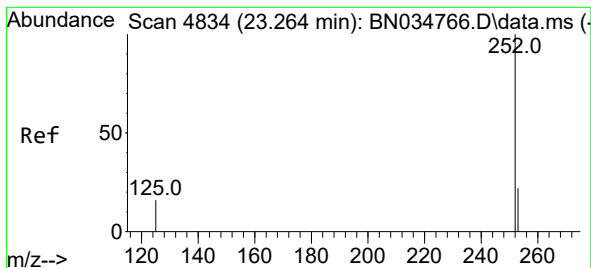
Tgt Ion:252 Resp: 63958
Ion Ratio Lower Upper
252 100
253 23.6 0.0 47.6
125 19.8 0.0 41.4



#25
Benzo(k)fluoranthene
Concen: 0.961 ng/ul
RT: 22.703 min Scan# 4642
Delta R.T. -0.047 min
Lab File: BN034798.D
Acq: 01 Nov 2024 11:08

Tgt Ion:252 Resp: 63958
Ion Ratio Lower Upper
252 100
253 23.6 19.1 28.7
125 19.8 17.0 25.4





#26

Benzo(a)pyrene

Concen: 0.355 ng/ul

RT: 23.255 min Scan# 4831

Delta R.T. -0.009 min

Lab File: BN034798.D

Acq: 01 Nov 2024 11:08

Instrument :

BNA_N

ClientSampleId :

F7H24DL

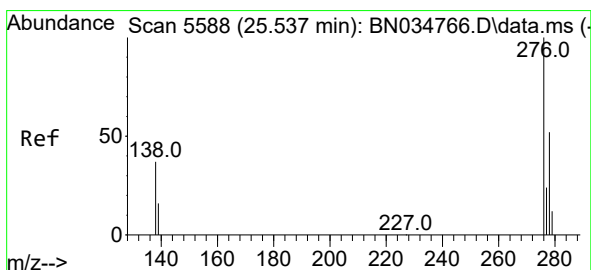
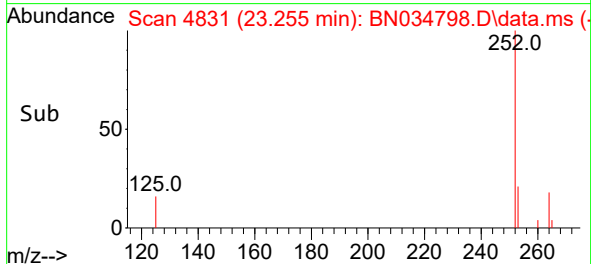
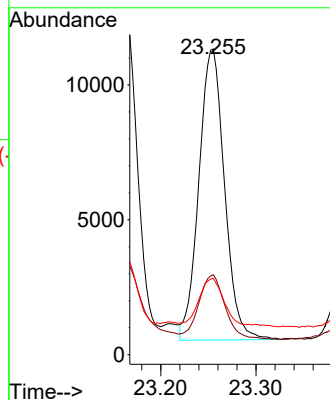
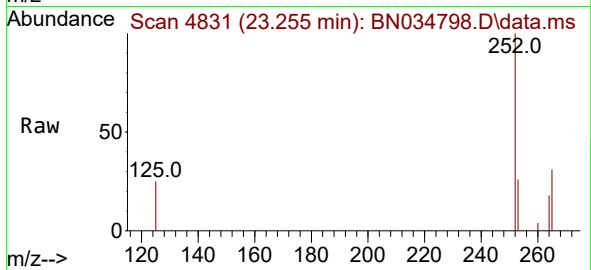
Tgt Ion:252 Resp: 20196

Ion Ratio Lower Upper

252 100

253 26.1 20.0 30.0

125 25.0 19.8 29.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.207 ng/ul

RT: 25.517 min Scan# 5582

Delta R.T. -0.020 min

Lab File: BN034798.D

Acq: 01 Nov 2024 11:08

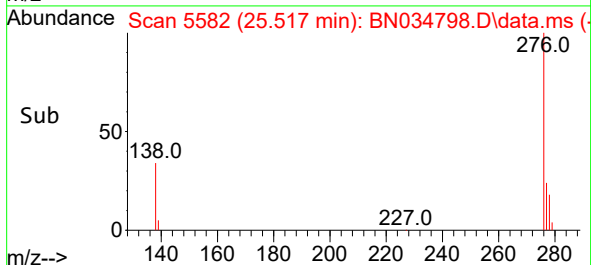
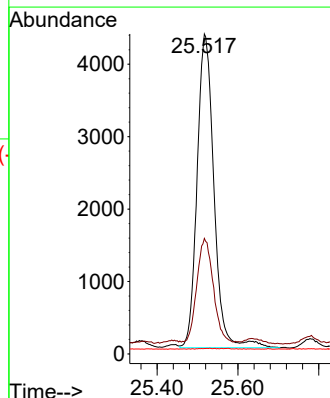
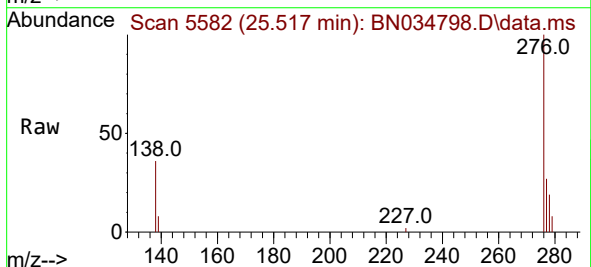
Tgt Ion:276 Resp: 12532

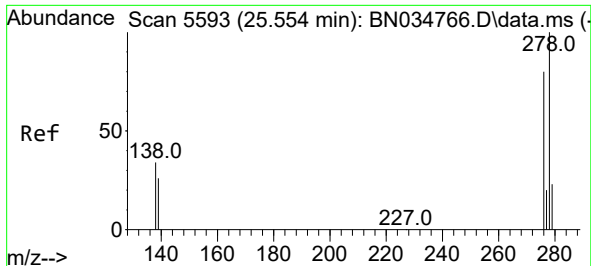
Ion Ratio Lower Upper

276 100

138 33.3 31.8 47.6

227 0.1 0.2 0.4





#28

Dibenzo(a,h)anthracene

Concen: 0.065 ng/ul

RT: 25.537 min Scan# 51

Delta R.T. -0.017 min

Lab File: BN034798.D

Acq: 01 Nov 2024 11:08

Instrument :

BNA_N

ClientSampleId :

F7H24DL

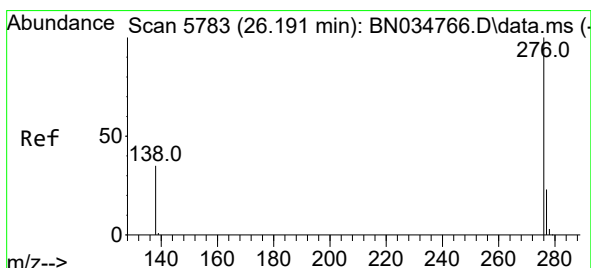
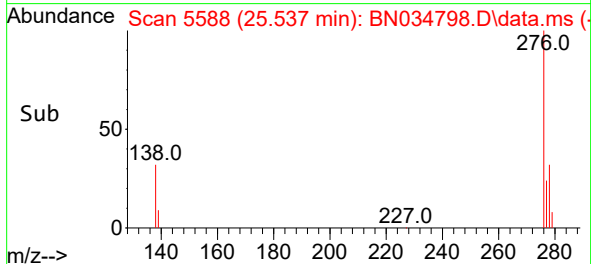
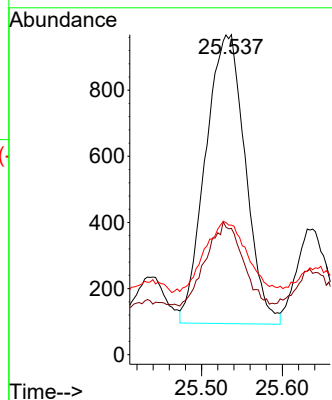
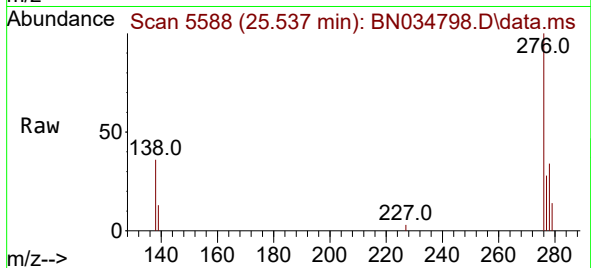
Tgt Ion:278 Resp: 2988

Ion Ratio Lower Upper

278 100

139 39.5 23.4 35.2#

279 40.5 20.6 31.0#



#29

Benzo(g,h,i)perylene

Concen: 0.231 ng/ul

RT: 26.181 min Scan# 5780

Delta R.T. -0.014 min

Lab File: BN034798.D

Acq: 01 Nov 2024 11:08

Tgt Ion:276 Resp: 10963

Ion Ratio Lower Upper

276 100

138 37.0 28.8 43.2

277 26.1 20.2 30.2

