

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111924\
 Data File : BN035193.D
 Acq On : 20 Nov 2024 11:31
 Operator : RC/JU
 Sample : PB164843BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS843

Quant Time: Nov 20 11:57:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 18 00:44:37 2024
 Response via : Initial Calibration

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

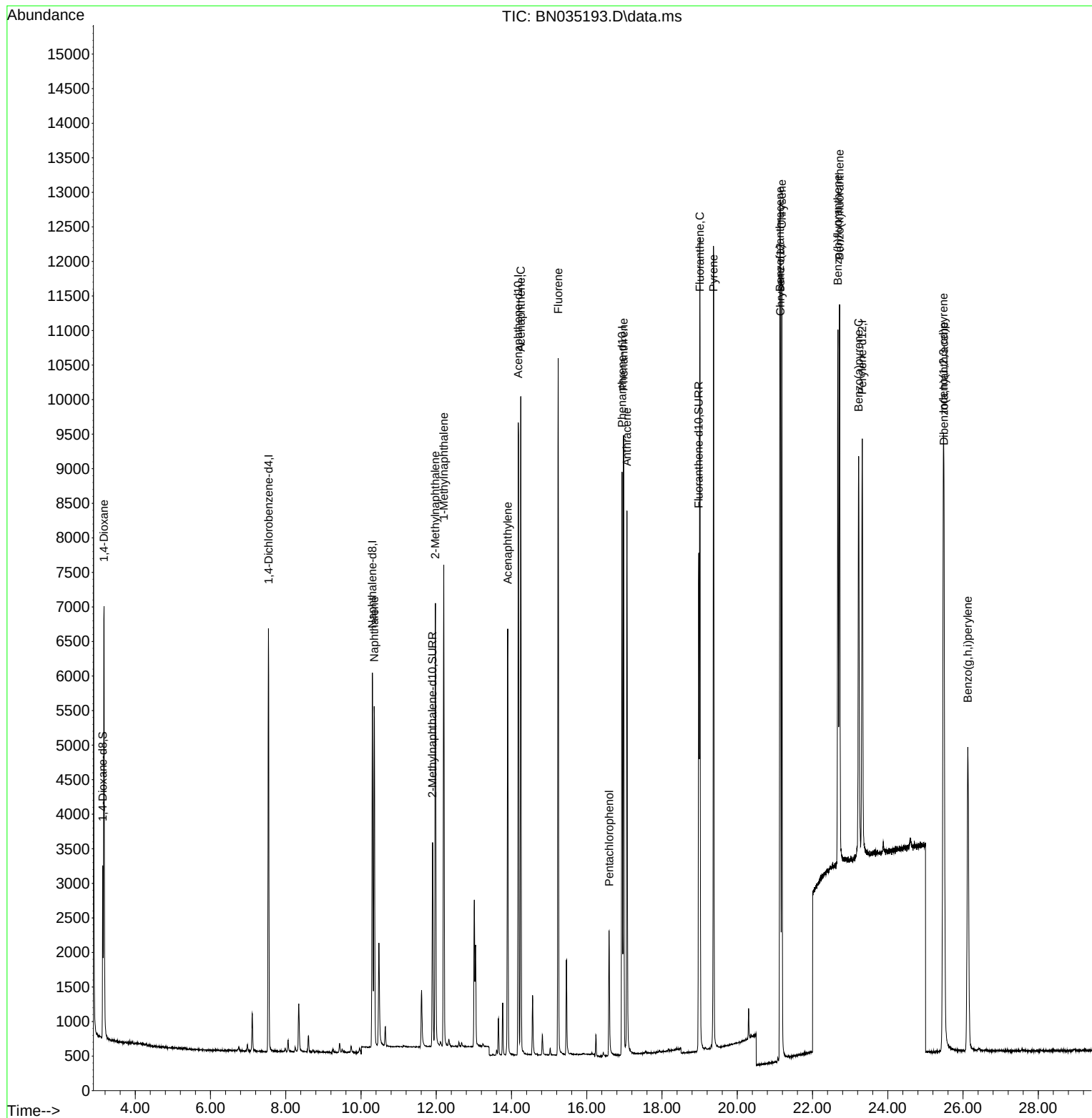
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.541	152	3066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.301	136	7386	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.180	164	5000	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.937	188	10307	0.400	ng/ul	0.00
17) Chrysene-d12	21.148	240	7421	0.400	ng/ul	0.00
23) Perylene-d12	23.320	264	7779	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.136	96	1829	0.653	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.901	152	4041	0.373	ng/ul	-0.01
18) Fluoranthene-d10	18.977	212	8520	0.416	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	4909	1.614	ng/ul#	95
5) Naphthalene	10.350	128	6574	0.353	ng/ul	99
7) 2-Methylnaphthalene	11.978	142	4618	0.358	ng/ul	100
8) 1-Methylnaphthalene	12.198	142	4648	0.357	ng/ul	99
10) Acenaphthylene	13.898	152	6845	0.345	ng/ul	100
11) Acenaphthene	14.245	153	5299	0.349	ng/ul	98
12) Fluorene	15.240	166	6099	0.342	ng/ul	100
14) Pentachlorophenol	16.595	266	1367	0.569	ng/ul	97
15) Phenanthrene	16.979	178	9386	0.344	ng/ul	100
16) Anthracene	17.068	178	8500	0.336	ng/ul	100
19) Fluoranthene	19.005	202	10157	0.393	ng/ul	100
20) Pyrene	19.367	202	10364	0.385	ng/ul	98
21) Benzo(a)anthracene	21.134	228	9160	0.356	ng/ul	100
22) Chrysene	21.183	228	9629	0.372	ng/ul	99
24) Benzo(b)fluoranthene	22.674	252	9592	0.373	ng/ul	99
25) Benzo(k)fluoranthene	22.718	252	9799	0.370	ng/ul	100
26) Benzo(a)pyrene	23.226	252	8589	0.366	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.477	276	11740	0.370	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.493	278	9162	0.368	ng/ul	99
29) Benzo(g,h,i)perylene	26.127	276	9302	0.372	ng/ul	99

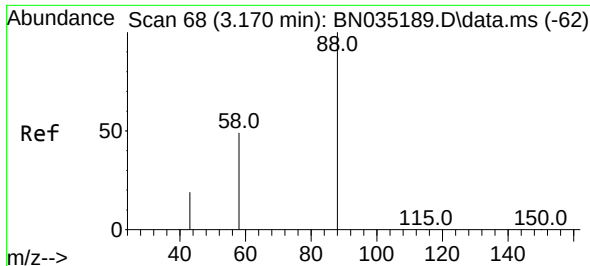
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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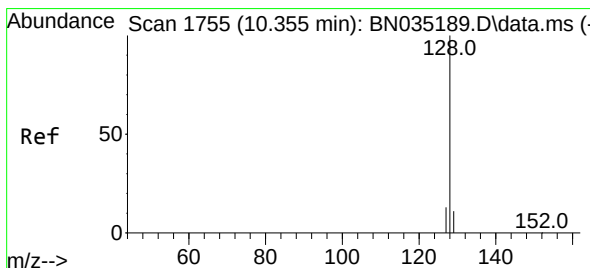
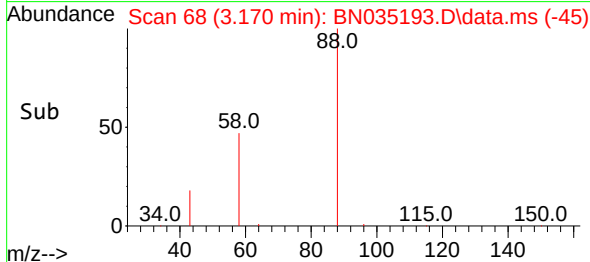
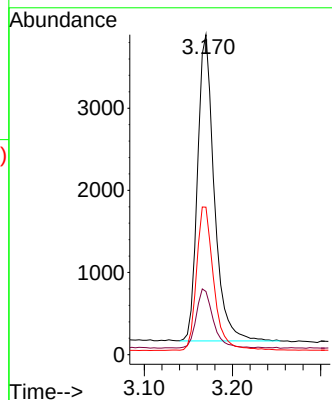
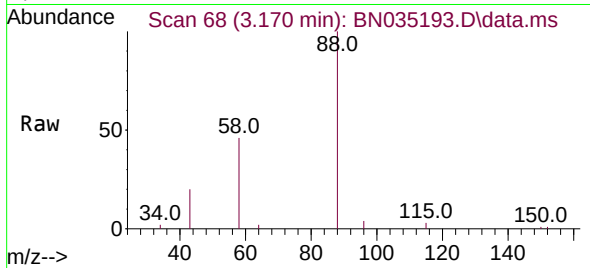




#2
 1,4-Dioxane
 Concen: 1.614 ng/ul
 RT: 3.170 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN035193.D
 Acq: 20 Nov 2024 11:31

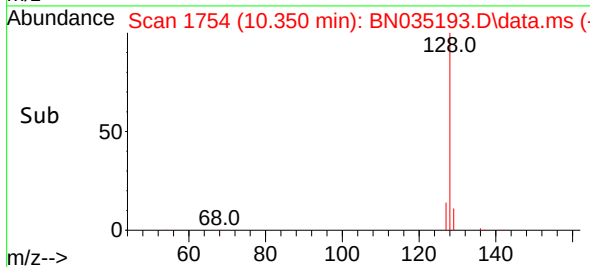
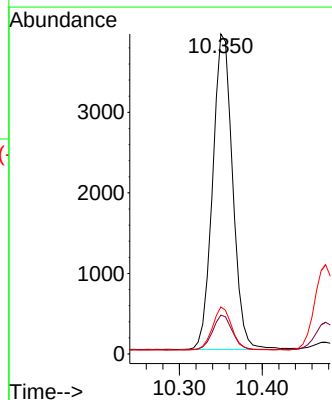
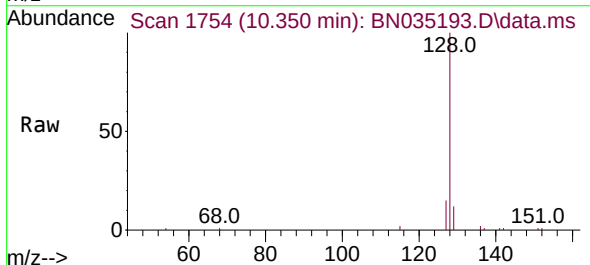
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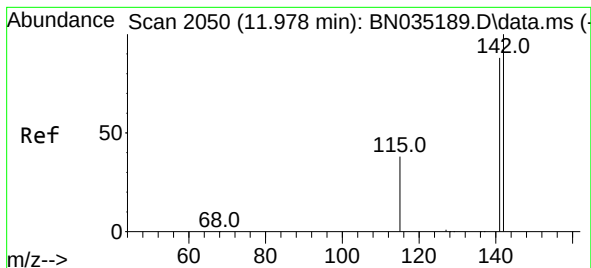
Tgt Ion: 88 Resp: 4909
 Ion Ratio Lower Upper
 88 100
 43 19.8 20.6 31.0#
 58 46.1 36.2 54.4



#5
 Naphthalene
 Concen: 0.353 ng/ul
 RT: 10.350 min Scan# 1754
 Delta R.T. -0.011 min
 Lab File: BN035193.D
 Acq: 20 Nov 2024 11:31

Tgt Ion: 128 Resp: 6574
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.9 14.9
 127 14.7 11.4 17.2

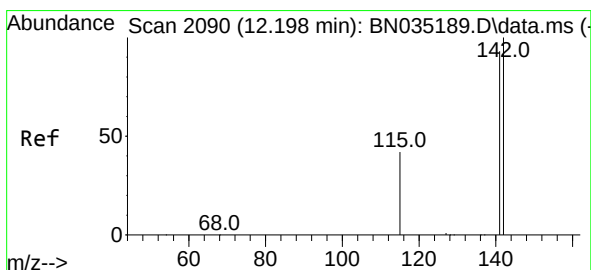
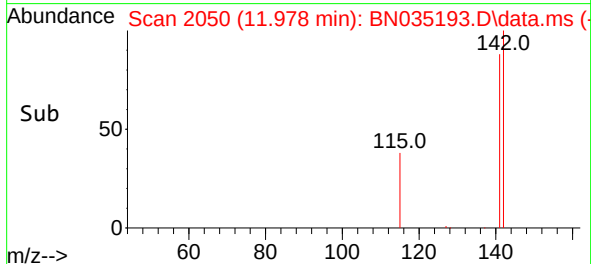
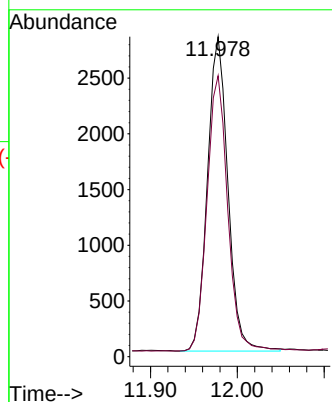
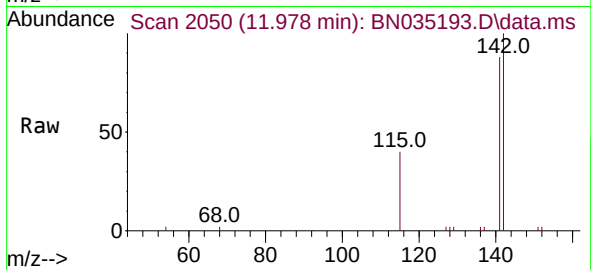




#7
2-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 11.978 min Scan# 2050
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

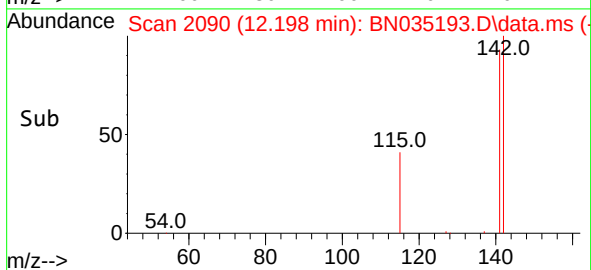
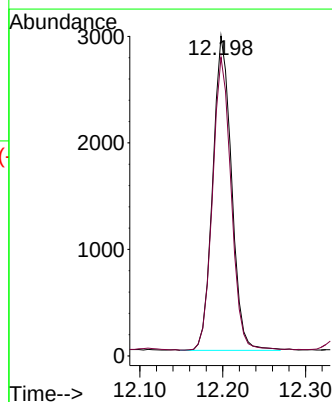
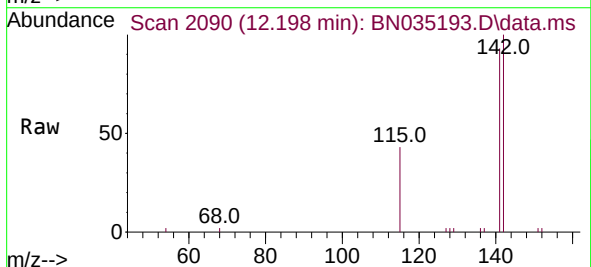
Instrument :
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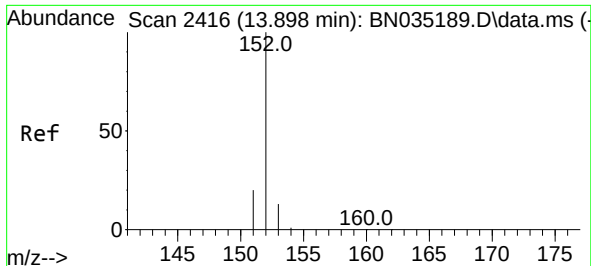
Tgt Ion:142 Resp: 4618
Ion Ratio Lower Upper
142 100
141 88.3 70.4 105.6



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.198 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:142 Resp: 4648
Ion Ratio Lower Upper
142 100
141 92.3 73.1 109.7

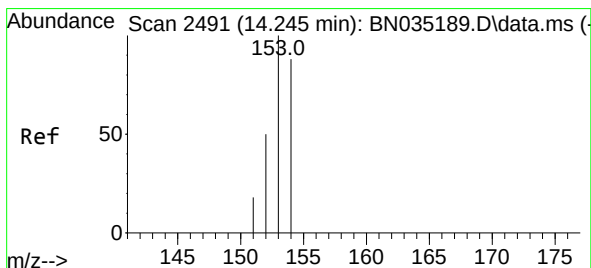
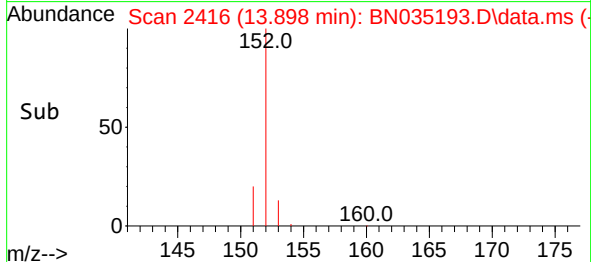
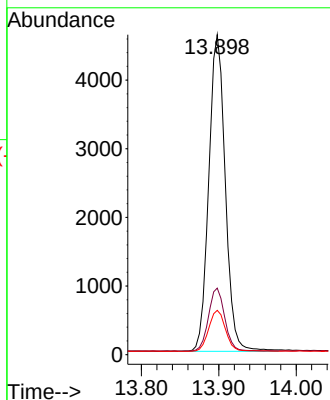
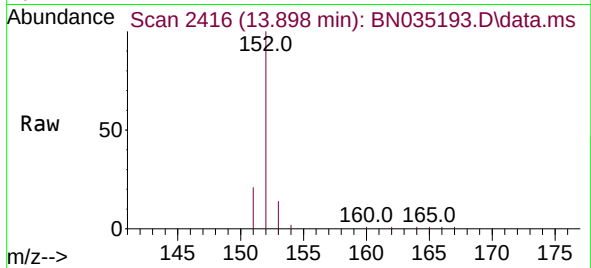




#10
Acenaphthylene
Concen: 0.345 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

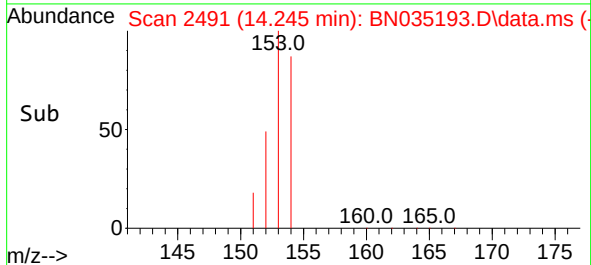
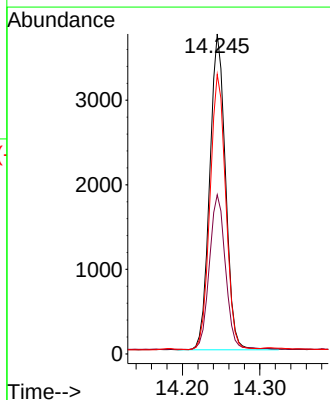
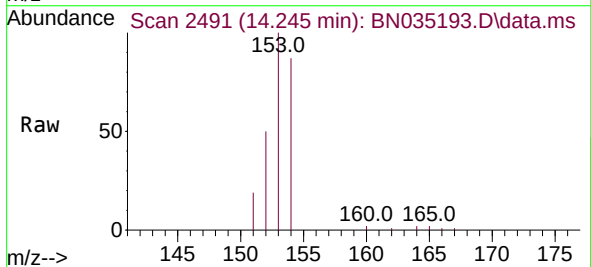
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BNA_N
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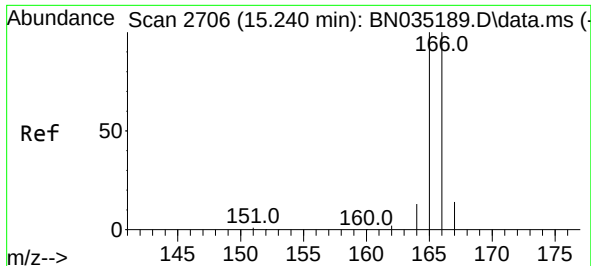
Tgt Ion:152 Resp: 6845
Ion Ratio Lower Upper
152 100
151 20.8 16.4 24.6
153 13.9 11.1 16.7



#11
Acenaphthene
Concen: 0.349 ng/ul
RT: 14.245 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:153 Resp: 5299
Ion Ratio Lower Upper
153 100
152 49.7 41.4 62.0
154 87.4 71.2 106.8

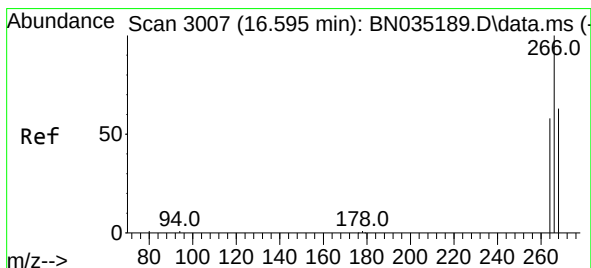
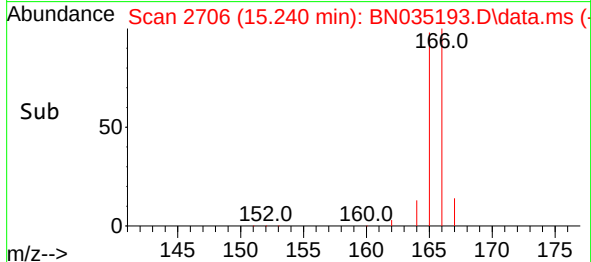
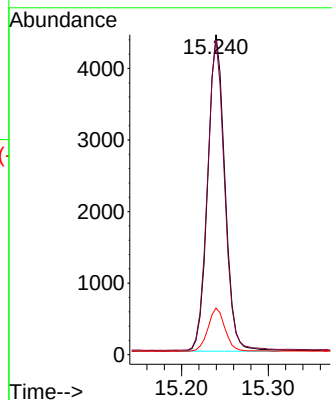
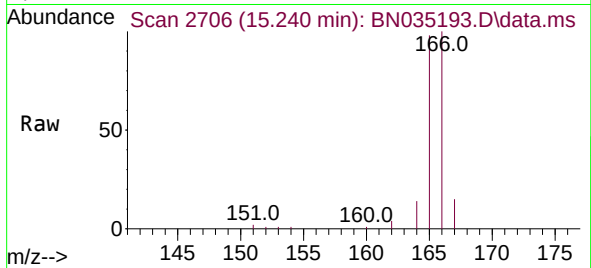




#12
Fluorene
Concen: 0.342 ng/ul
RT: 15.240 min Scan# 2706
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

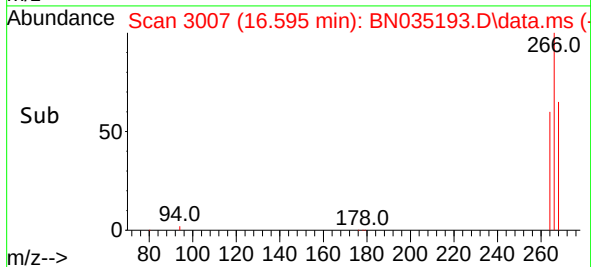
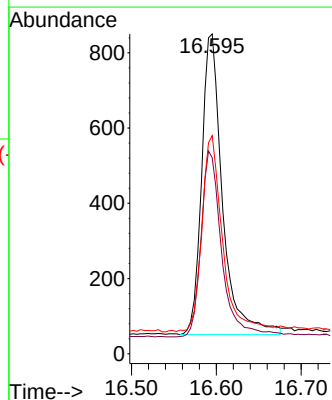
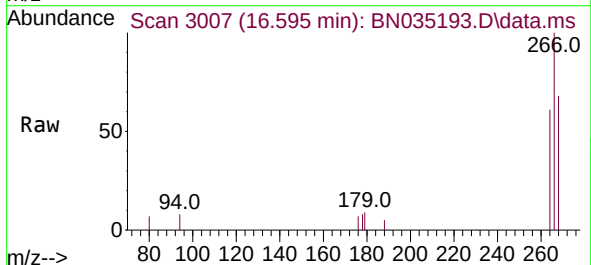
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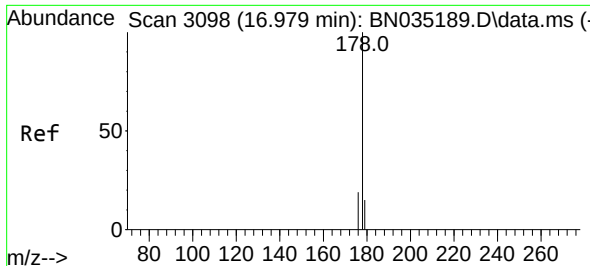
Tgt Ion:166 Resp: 6099
Ion Ratio Lower Upper
166 100
165 98.3 78.6 118.0
167 14.6 11.8 17.6



#14
Pentachlorophenol
Concen: 0.569 ng/ul
RT: 16.595 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:266 Resp: 1367
Ion Ratio Lower Upper
266 100
264 61.5 51.8 77.6
268 65.2 51.3 76.9

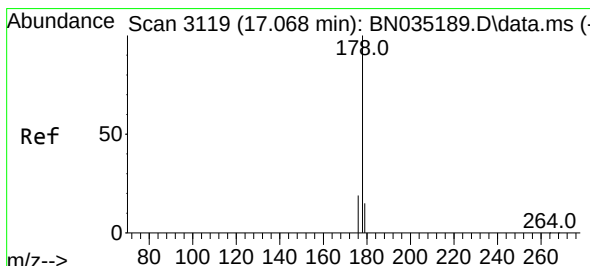
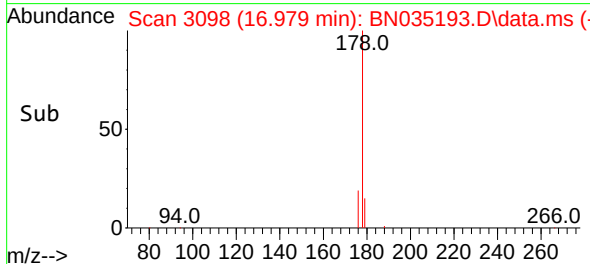
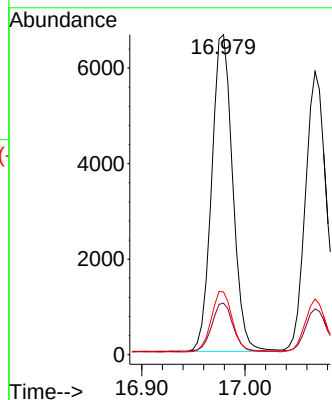
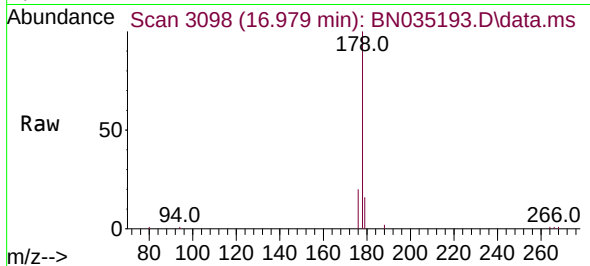




#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 16.979 min Scan# 3098
Delta R.T. -0.004 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

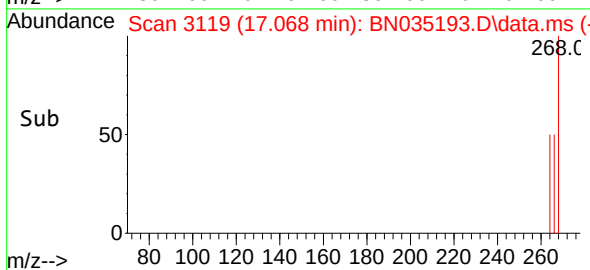
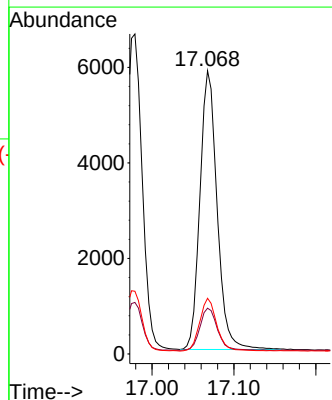
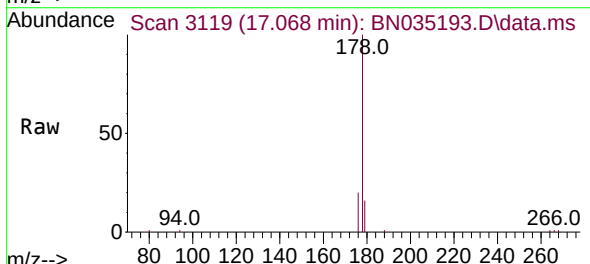
Instrument :
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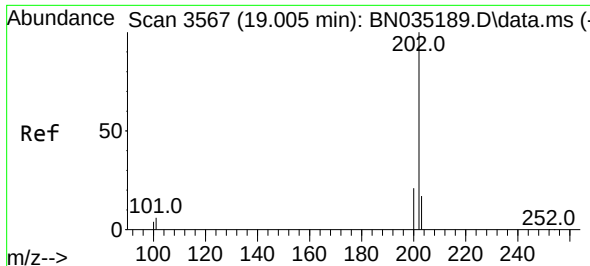
Tgt Ion:178 Resp: 9386
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.068 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:178 Resp: 8500
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.7 15.4 23.2

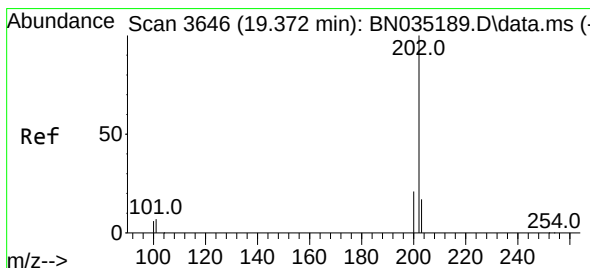
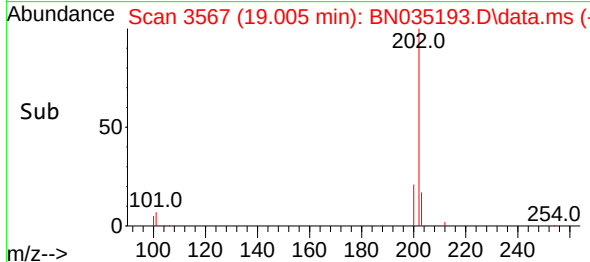
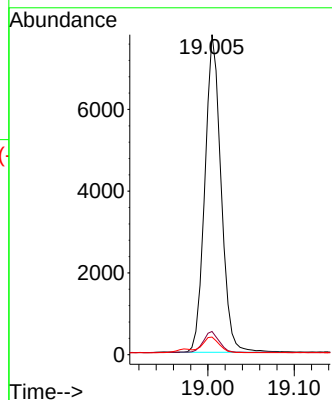
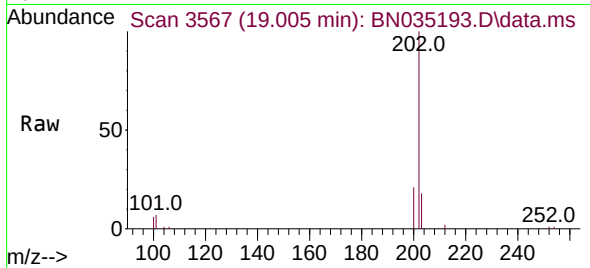




#19
Fluoranthene
Concen: 0.393 ng/u1
RT: 19.005 min Scan# 3567
Delta R.T. -0.005 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

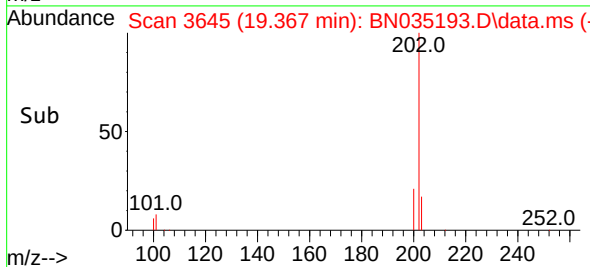
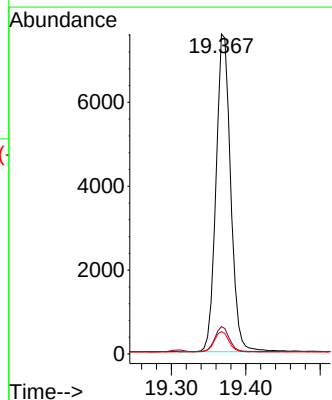
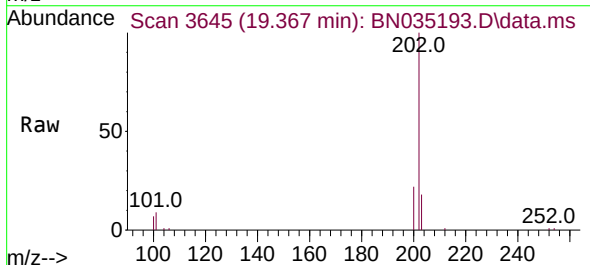
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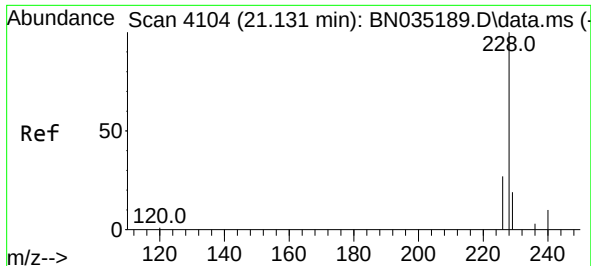
Tgt Ion:202 Resp: 10157
Ion Ratio Lower Upper
202 100
101 7.2 5.8 8.6
100 5.5 4.5 6.7



#20
Pyrene
Concen: 0.385 ng/u1
RT: 19.367 min Scan# 3645
Delta R.T. -0.009 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:202 Resp: 10364
Ion Ratio Lower Upper
202 100
101 8.6 6.2 9.4
100 7.0 5.1 7.7

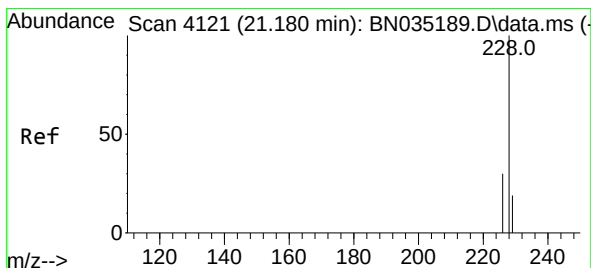
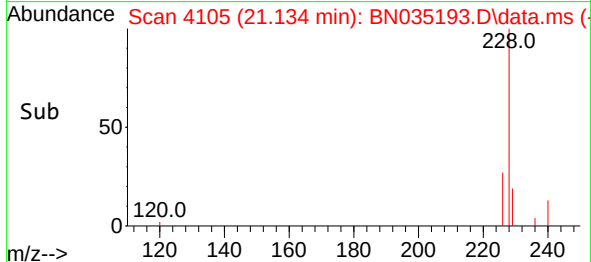
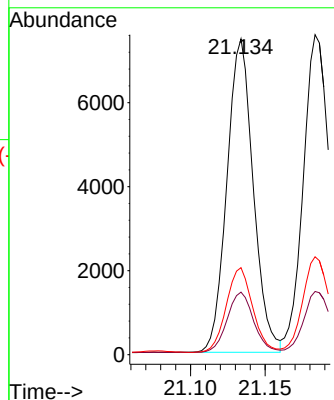
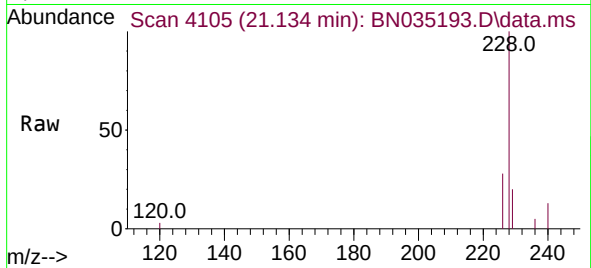




#21
Benzo(a)anthracene
Concen: 0.356 ng/ul
RT: 21.134 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

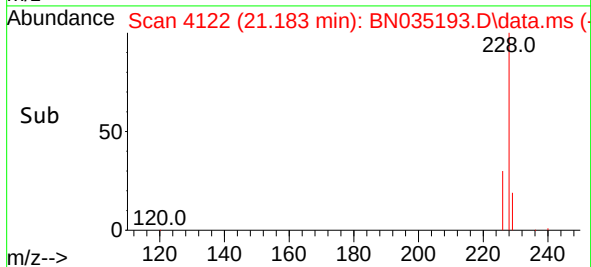
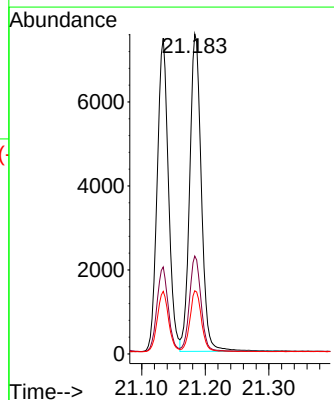
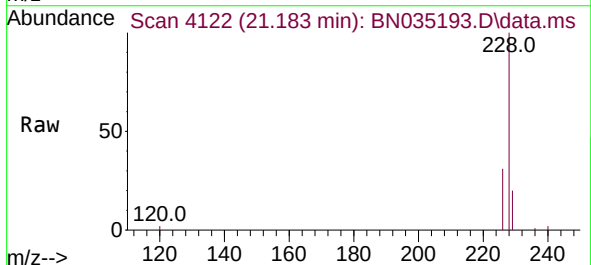
Instrument :
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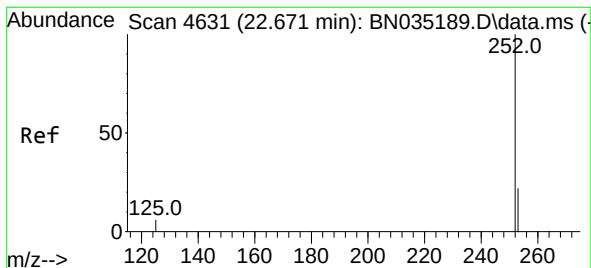
Tgt Ion:228 Resp: 9160
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.5 21.8 32.8



#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.183 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:228 Resp: 9629
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 19.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.373 ng/ul

RT: 22.674 min Scan# 4632

Delta R.T. -0.009 min

Lab File: BN035193.D

Acq: 20 Nov 2024 11:31

Instrument :

BNA_N

ClientSampleId :

SLCS843

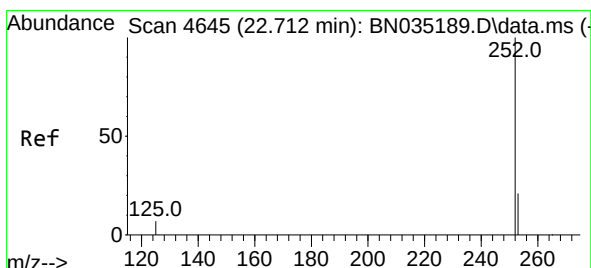
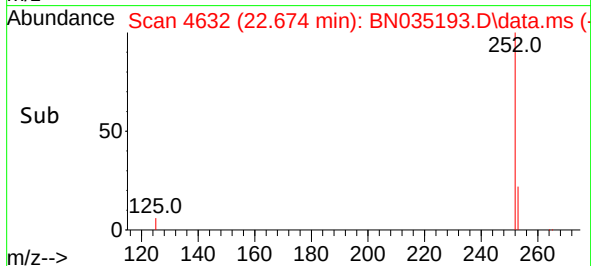
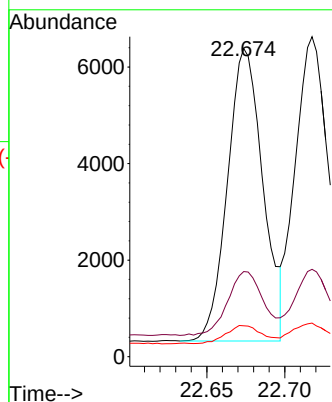
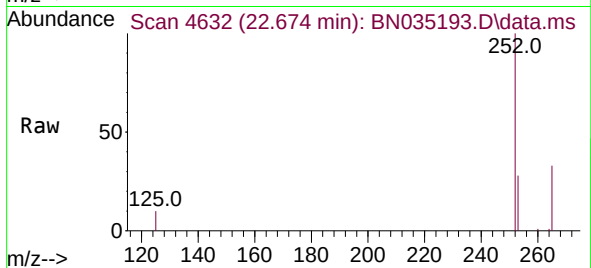
Tgt Ion:252 Resp: 9592

Ion Ratio Lower Upper

252 100

253 27.6 0.0 54.0

125 10.0 0.0 19.4



#25

Benzo(k)fluoranthene

Concen: 0.370 ng/ul

RT: 22.718 min Scan# 4647

Delta R.T. -0.006 min

Lab File: BN035193.D

Acq: 20 Nov 2024 11:31

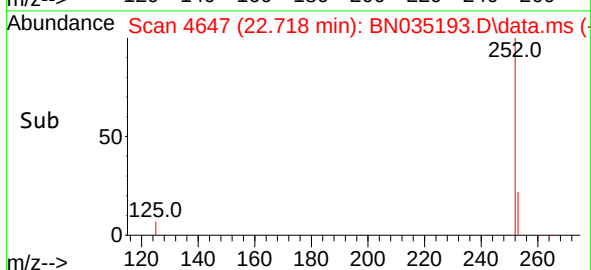
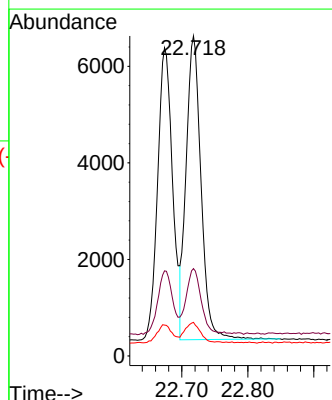
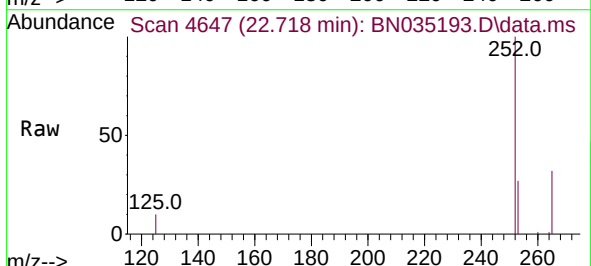
Tgt Ion:252 Resp: 9799

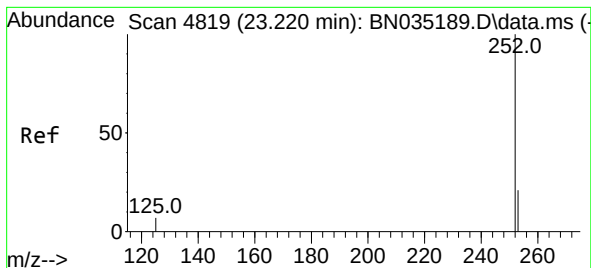
Ion Ratio Lower Upper

252 100

253 27.3 21.8 32.6

125 10.5 8.6 12.8





#26

Benzo(a)pyrene

Concen: 0.366 ng/ul

RT: 23.226 min Scan# 4819

Delta R.T. -0.006 min

Lab File: BN035193.D

Acq: 20 Nov 2024 11:31

Instrument :

BNA_N

ClientSampleId :

SLCS843

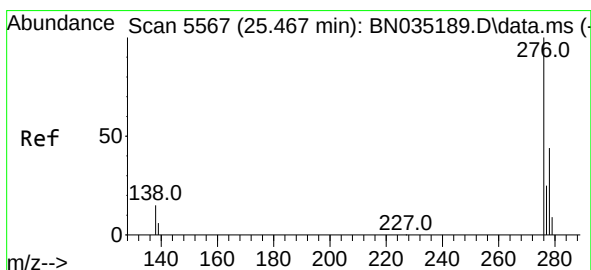
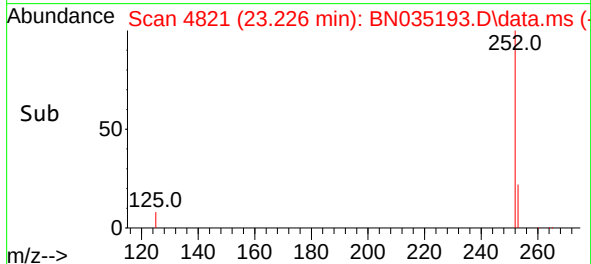
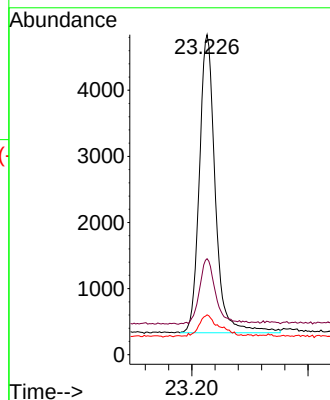
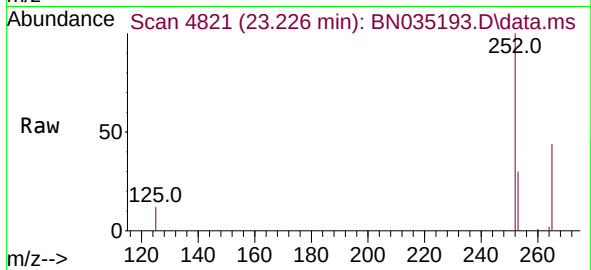
Tgt Ion:252 Resp: 8589

Ion Ratio Lower Upper

252 100

253 30.0 22.9 34.3

125 12.5 9.4 14.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.370 ng/ul

RT: 25.477 min Scan# 5570

Delta R.T. -0.010 min

Lab File: BN035193.D

Acq: 20 Nov 2024 11:31

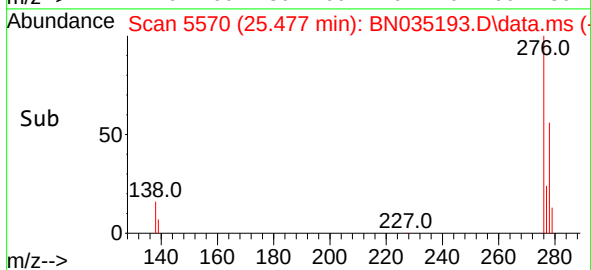
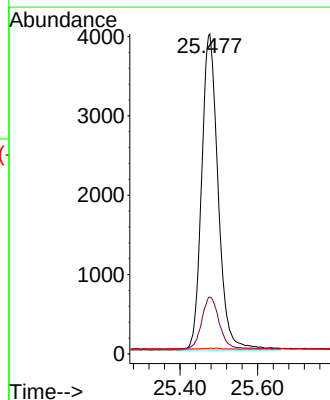
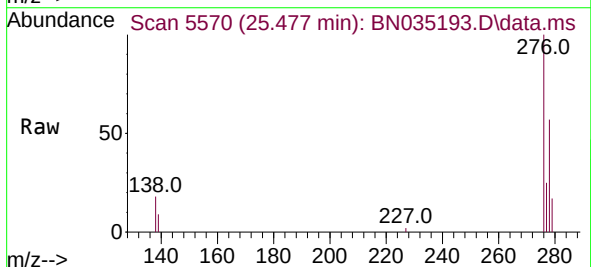
Tgt Ion:276 Resp: 11740

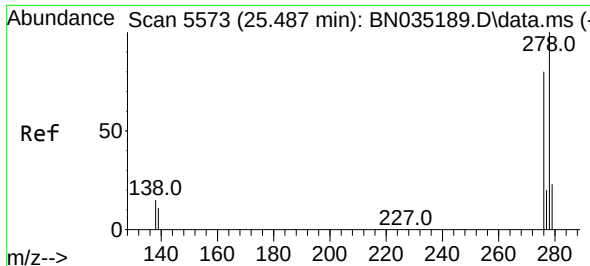
Ion Ratio Lower Upper

276 100

138 16.9 13.8 20.8

227 0.1 0.2 0.4

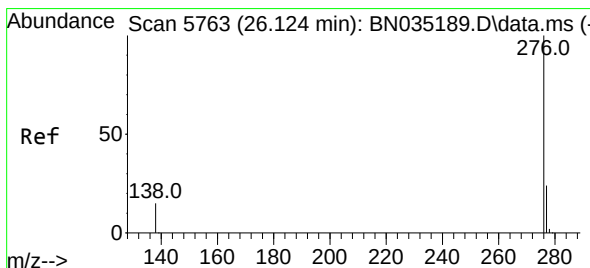
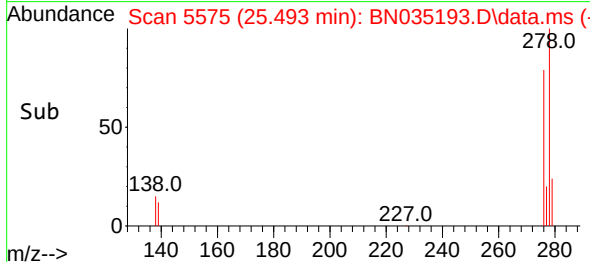
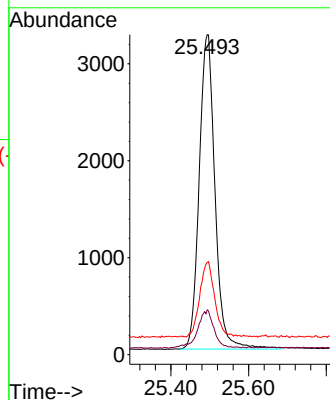
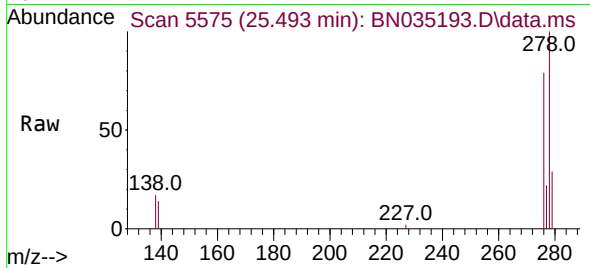




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 25.493 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Instrument :
BNA_N
ClientSampleId :
SLCS843

Tgt Ion:278 Resp: 9162
Ion Ratio Lower Upper
278 100
139 14.0 10.7 16.1
279 28.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 26.127 min Scan# 5764
Delta R.T. -0.013 min
Lab File: BN035193.D
Acq: 20 Nov 2024 11:31

Tgt Ion:276 Resp: 9302
Ion Ratio Lower Upper
276 100
138 16.6 13.0 19.6
277 26.1 20.5 30.7

