

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035695.D
 Acq On : 19 Dec 2024 06:42
 Operator : RC/JU
 Sample : PB165622BS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS622

Quant Time: Dec 19 08:33:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:26:08 2024
 Response via : Initial Calibration

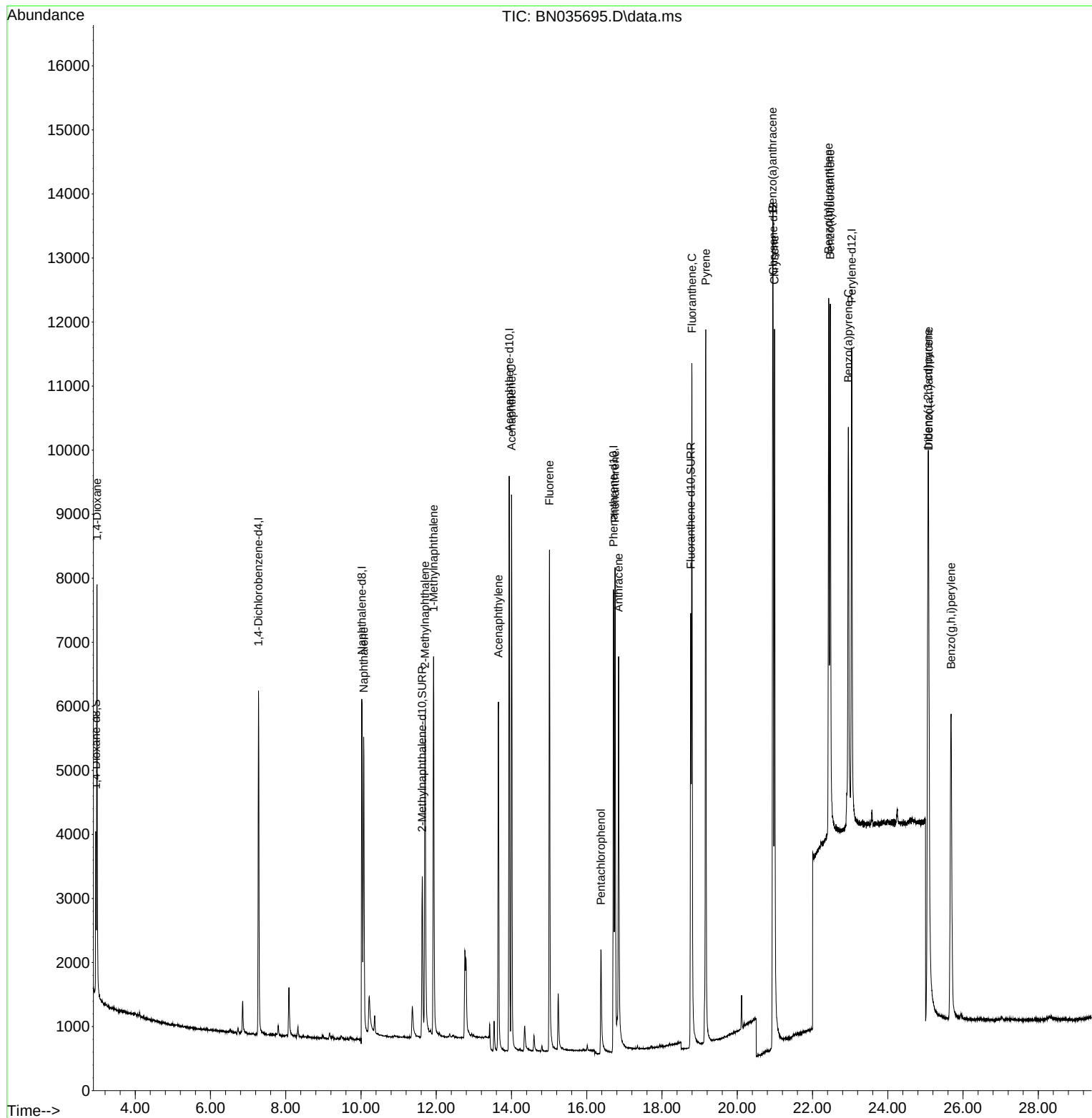
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2854	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7609	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5215	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	9797	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	8993	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	9867	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1614	0.638	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	4022	0.371	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	8740	0.333	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.984	88	4417	1.729	ng/ul#	71
5) Naphthalene	10.069	128	7030	0.377	ng/ul	99
7) 2-Methylnaphthalene	11.703	142	4306	0.343	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	4545	0.349	ng/ul	99
10) Acenaphthylene	13.653	152	6649	0.329	ng/ul	98
11) Acenaphthene	14.000	153	5143	0.337	ng/ul	100
12) Fluorene	15.008	166	5503	0.310	ng/ul	98
14) Pentachlorophenol	16.375	266	1481	0.590	ng/ul	98
15) Phenanthrene	16.751	178	8369	0.341	ng/ul	100
16) Anthracene	16.844	178	7311	0.319	ng/ul	100
19) Fluoranthene	18.795	202	10124	0.315	ng/ul	100
20) Pyrene	19.163	202	10725	0.303	ng/ul	99
21) Benzo(a)anthracene	20.941	228	9967	0.334	ng/ul	100
22) Chrysene	20.991	228	11124	0.359	ng/ul	99
24) Benzo(b)fluoranthene	22.428	252	10251	0.353	ng/ul	97
25) Benzo(k)fluoranthene	22.472	252	11173	0.347	ng/ul	97
26) Benzo(a)pyrene	22.951	252	9863	0.350	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.067	276	14107	0.411	ng/ul#	52
28) Dibenzo(a,h)anthracene	25.084	278	11351	0.434	ng/ul#	94
29) Benzo(g,h,i)perylene	25.681	276	10203	0.371	ng/ul	96

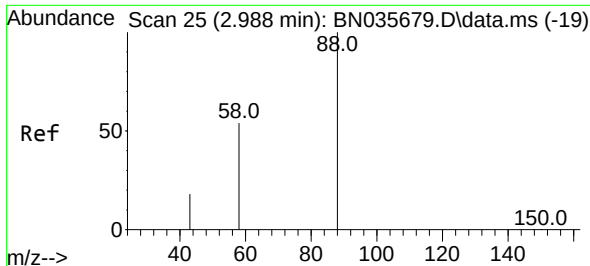
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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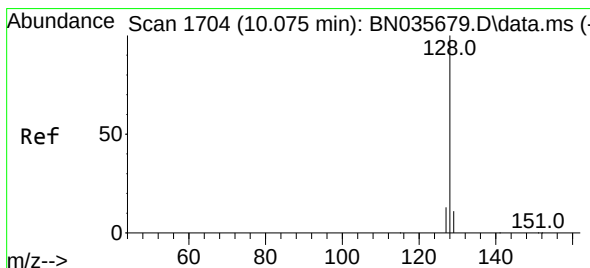
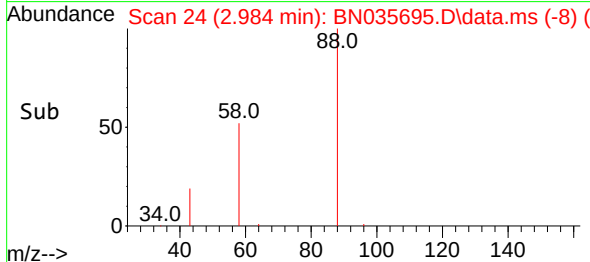
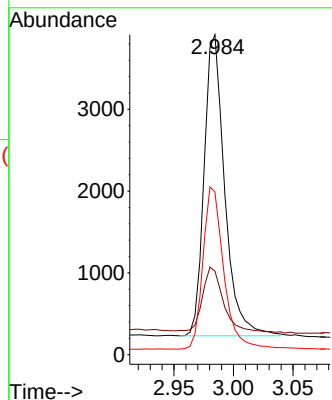
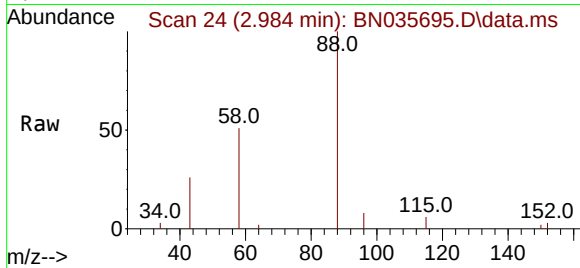




#2
 1,4-Dioxane
 Concen: 1.729 ng/ul
 RT: 2.984 min Scan# 24
 Delta R.T. -0.004 min
 Lab File: BN035695.D
 Acq: 19 Dec 2024 06:42

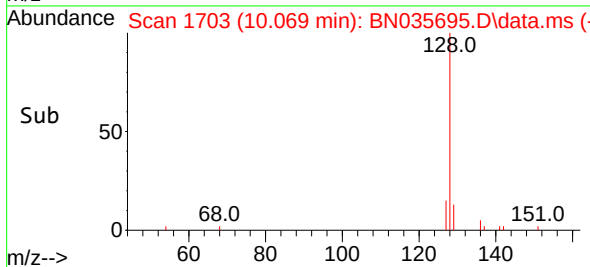
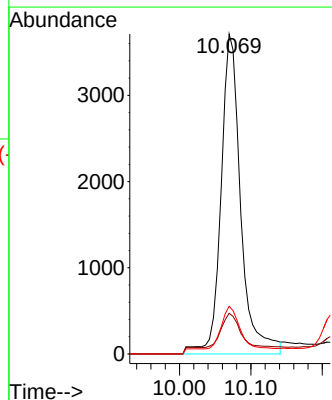
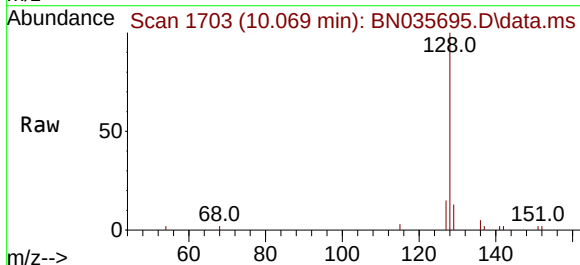
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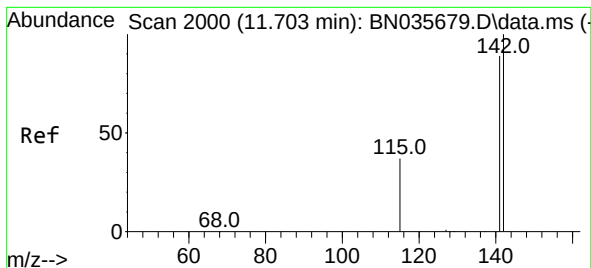
Tgt Ion: 88 Resp: 4417
 Ion Ratio Lower Upper
 88 100
 43 26.2 39.4 59.2#
 58 50.8 29.8 44.6#



#5
 Naphthalene
 Concen: 0.377 ng/ul
 RT: 10.069 min Scan# 1703
 Delta R.T. -0.011 min
 Lab File: BN035695.D
 Acq: 19 Dec 2024 06:42

Tgt Ion: 128 Resp: 7030
 Ion Ratio Lower Upper
 128 100
 129 12.7 10.8 16.2
 127 14.9 12.0 18.0

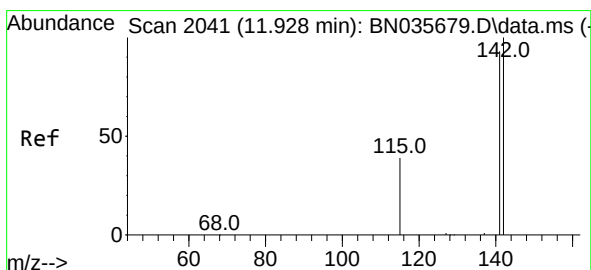
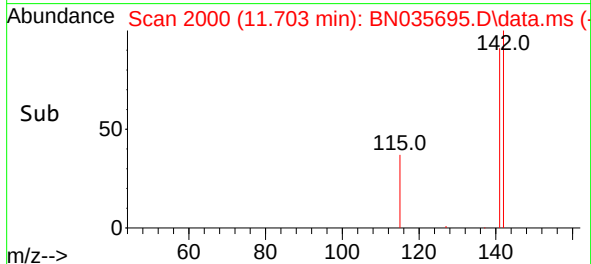
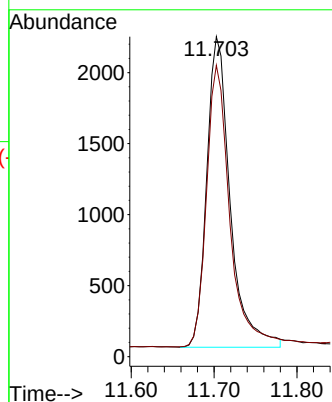
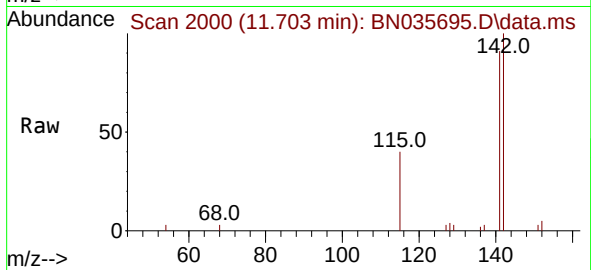




#7
2-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 11.703 min Scan# 2000
Delta R.T. -0.011 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

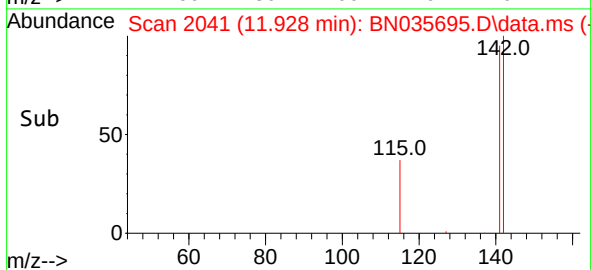
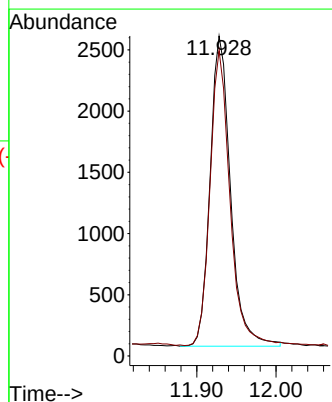
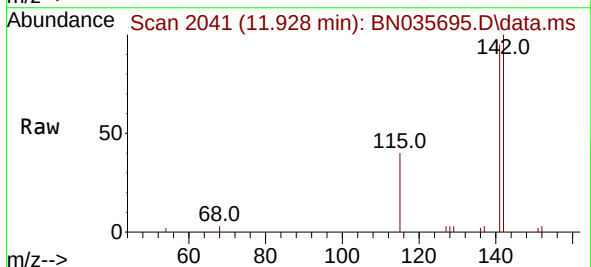
Instrument :
BNA_N
ClientSampleId :
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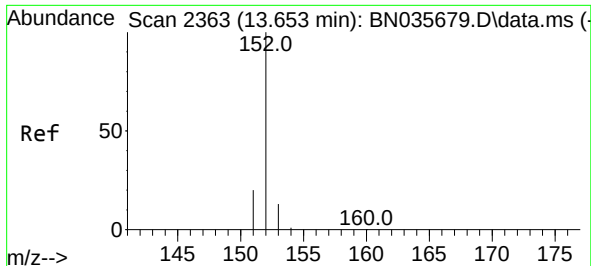
Tgt Ion:142 Resp: 4306
Ion Ratio Lower Upper
142 100
141 90.2 72.8 109.2



#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 11.928 min Scan# 2041
Delta R.T. -0.011 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:142 Resp: 4545
Ion Ratio Lower Upper
142 100
141 92.7 74.7 112.1

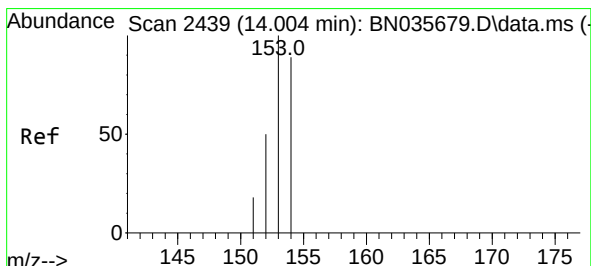
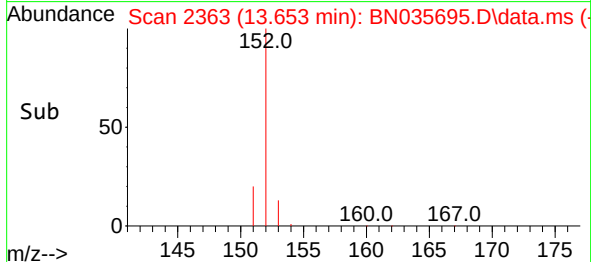
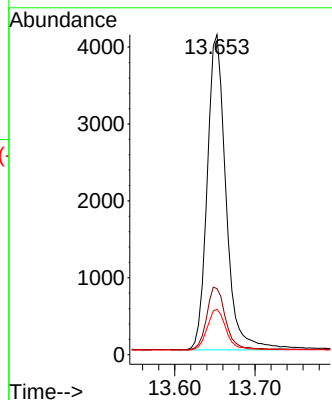
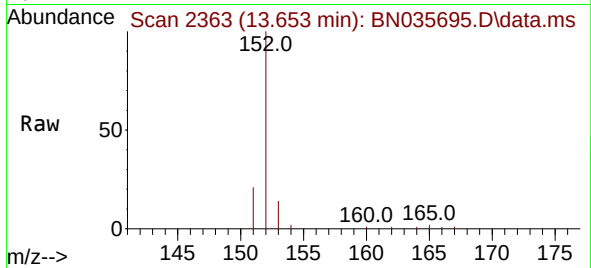




#10
Acenaphthylene
Concen: 0.329 ng/ul
RT: 13.653 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

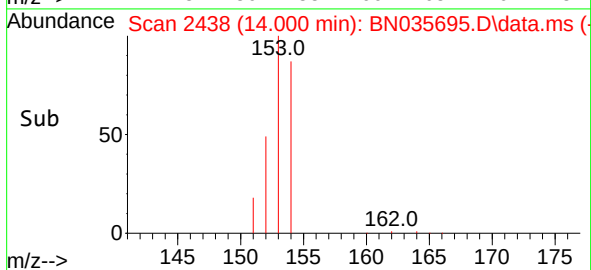
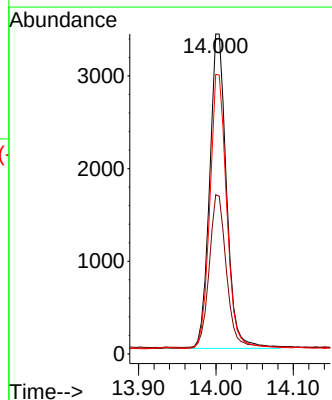
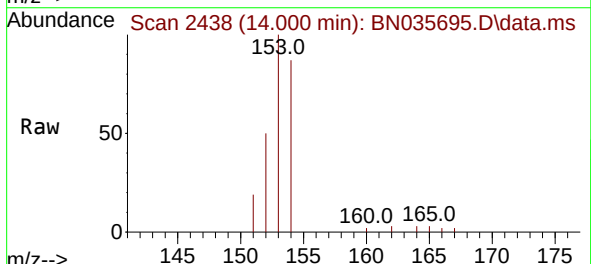
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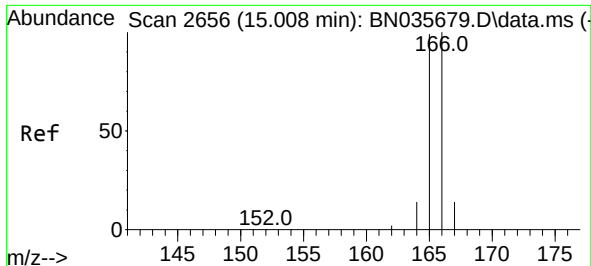
Tgt Ion:152 Resp: 6649
Ion Ratio Lower Upper
152 100
151 20.7 17.6 26.4
153 14.2 11.4 17.2



#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.000 min Scan# 2438
Delta R.T. -0.009 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:153 Resp: 5143
Ion Ratio Lower Upper
153 100
152 49.8 39.8 59.6
154 87.3 69.8 104.8

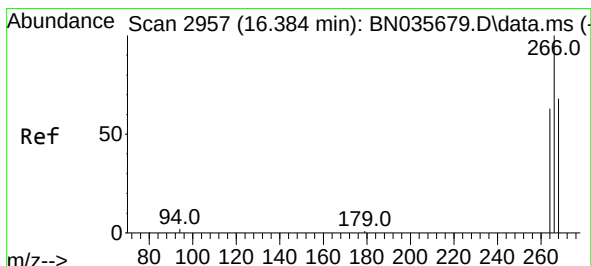
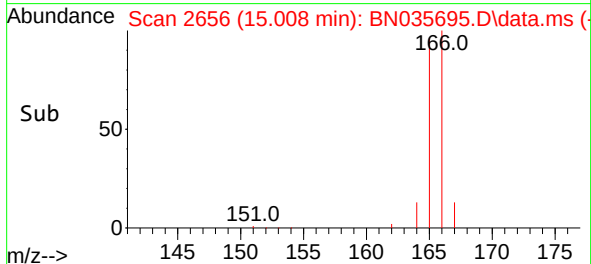
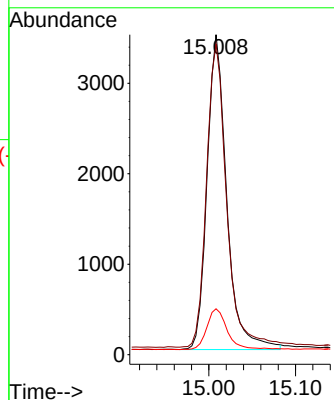
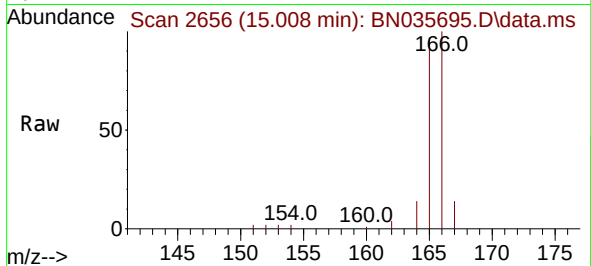




#12
Fluorene
Concen: 0.310 ng/ul
RT: 15.008 min Scan# 2656
Delta R.T. -0.005 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

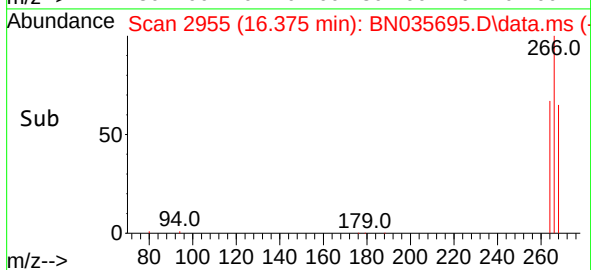
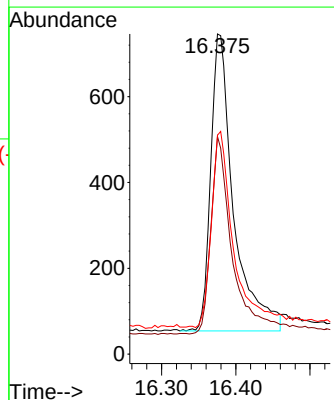
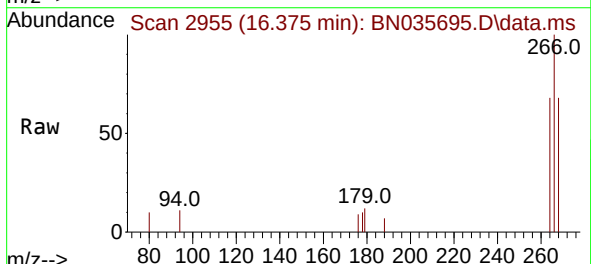
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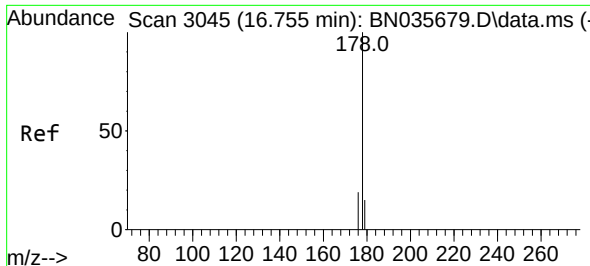
Tgt Ion:166 Resp: 5503
Ion Ratio Lower Upper
166 100
165 97.0 79.5 119.3
167 14.4 11.8 17.8



#14
Pentachlorophenol
Concen: 0.590 ng/ul
RT: 16.375 min Scan# 2955
Delta R.T. -0.004 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:266 Resp: 1481
Ion Ratio Lower Upper
266 100
264 61.7 49.9 74.9
268 63.5 52.8 79.2

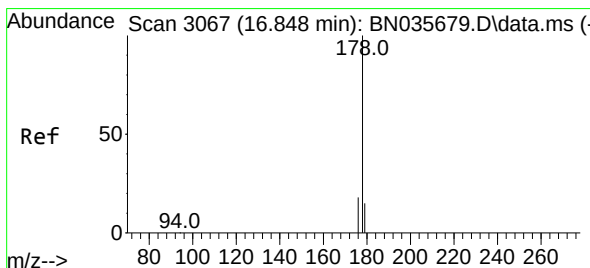
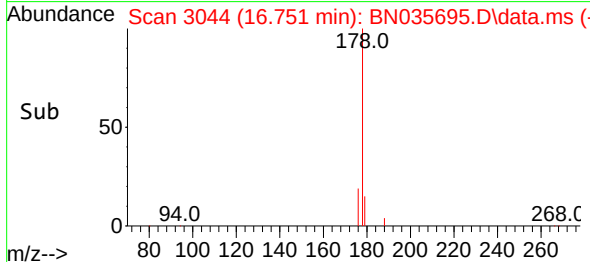
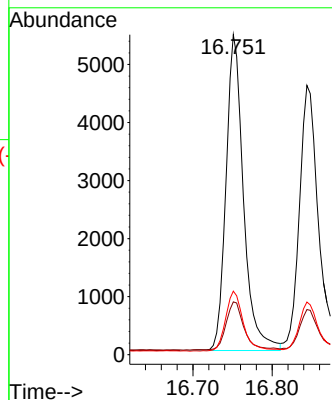
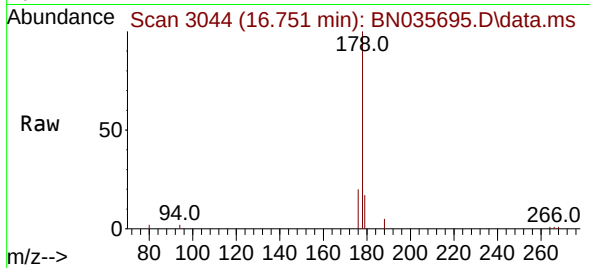




#15
Phenanthrene
Concen: 0.341 ng/ul
RT: 16.751 min Scan# 3044
Delta R.T. -0.008 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

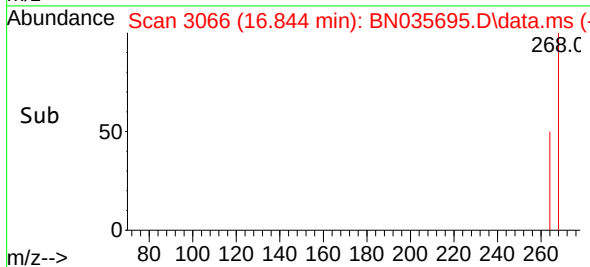
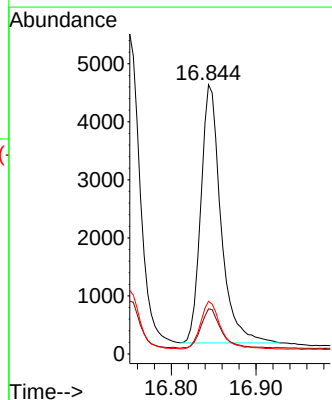
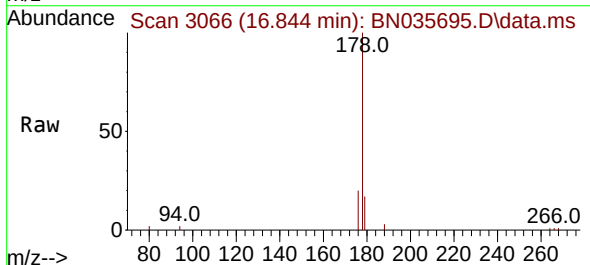
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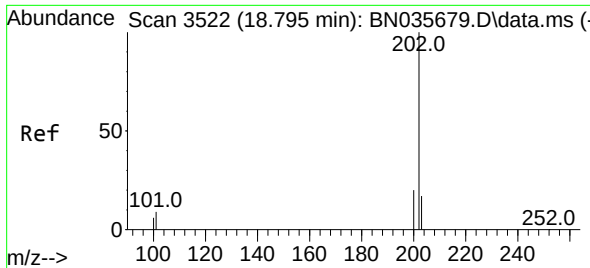
Tgt Ion:178 Resp: 8369
Ion Ratio Lower Upper
178 100
179 16.5 13.3 19.9
176 19.9 15.8 23.8



#16
Anthracene
Concen: 0.319 ng/ul
RT: 16.844 min Scan# 3066
Delta R.T. -0.004 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:178 Resp: 7311
Ion Ratio Lower Upper
178 100
179 16.7 13.4 20.0
176 19.6 15.4 23.0

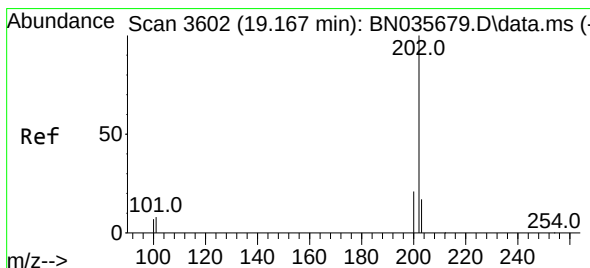
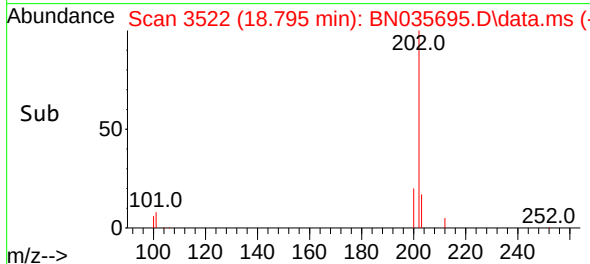
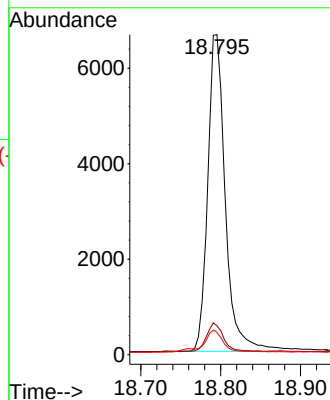
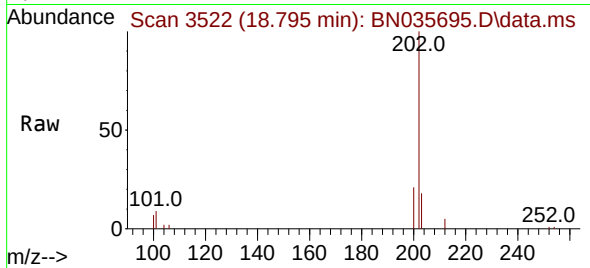




#19
Fluoranthene
Concen: 0.315 ng/ul
RT: 18.795 min Scan# 3522
Delta R.T. -0.005 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

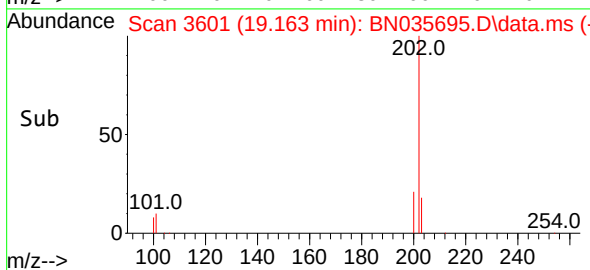
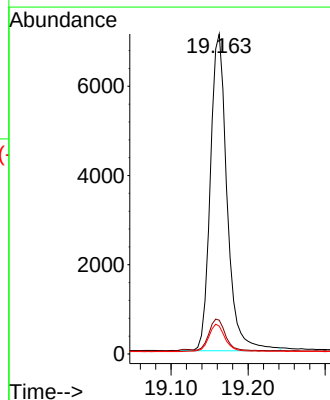
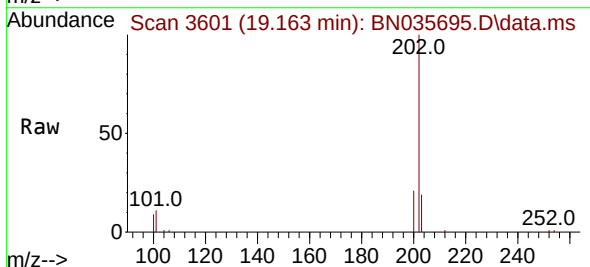
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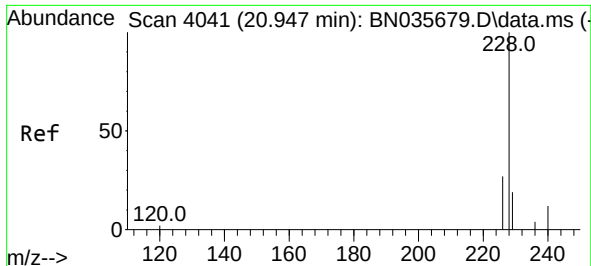
Tgt Ion:202 Resp: 10124
Ion Ratio Lower Upper
202 100
101 9.0 7.3 10.9
100 7.0 5.4 8.0



#20
Pyrene
Concen: 0.303 ng/ul
RT: 19.163 min Scan# 3601
Delta R.T. -0.005 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:202 Resp: 10725
Ion Ratio Lower Upper
202 100
101 10.5 8.5 12.7
100 8.7 6.5 9.7

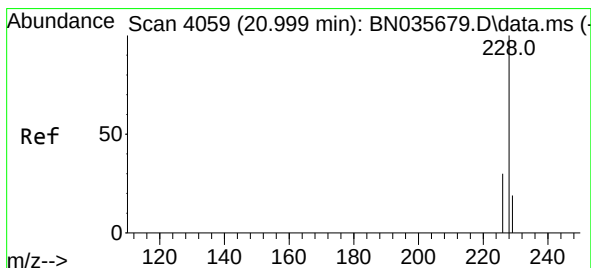
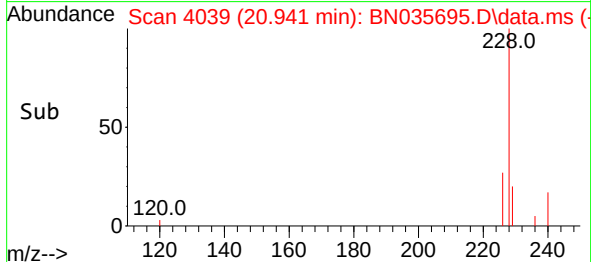
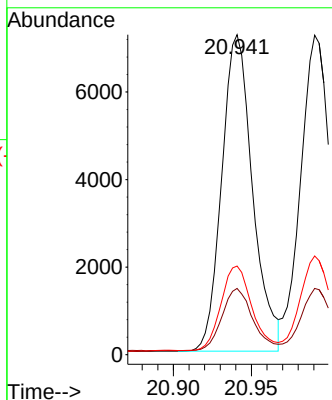
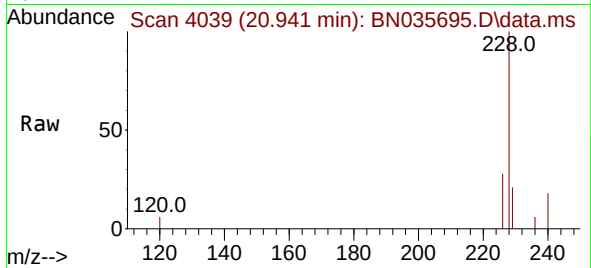




#21
Benzo(a)anthracene
Concen: 0.334 ng/ul
RT: 20.941 min Scan# 4041
Delta R.T. -0.009 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

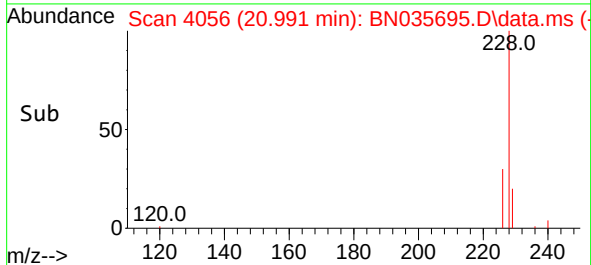
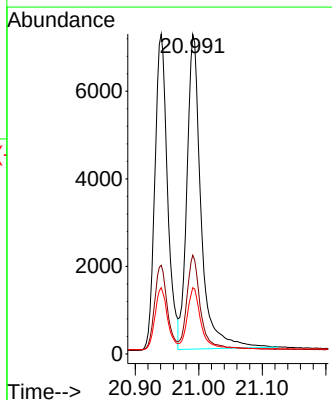
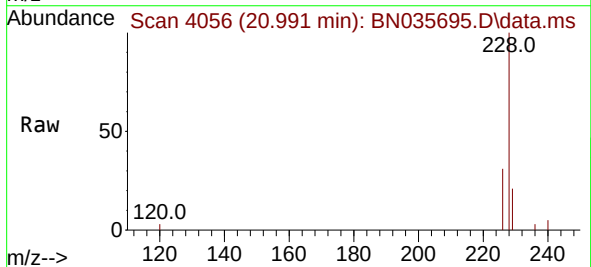
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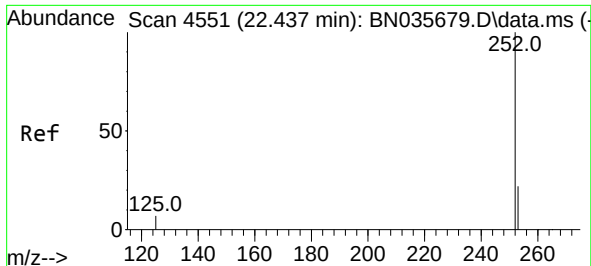
Tgt Ion:228 Resp: 9967
Ion Ratio Lower Upper
228 100
229 20.7 16.6 25.0
226 27.7 22.5 33.7



#22
Chrysene
Concen: 0.359 ng/ul
RT: 20.991 min Scan# 4056
Delta R.T. -0.009 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

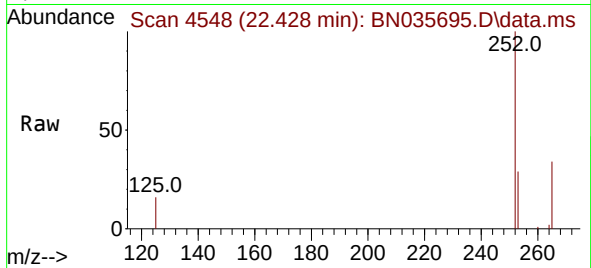
Tgt Ion:228 Resp: 11124
Ion Ratio Lower Upper
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226 30.9 25.1 37.7
229 20.7 16.6 24.8



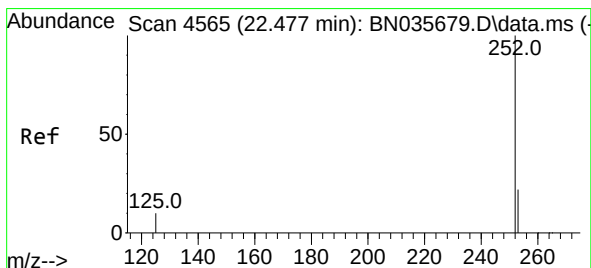
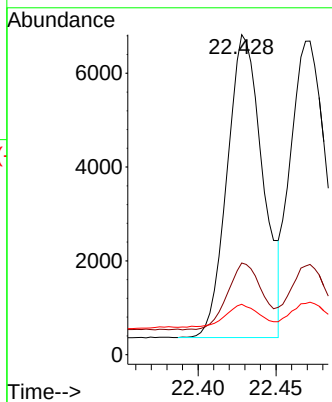


#24
Benzo(b)fluoranthene
Concen: 0.353 ng/ul
RT: 22.428 min Scan# 4548
Delta R.T. -0.015 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Instrument :
BNA_N
ClientSampleId :
SLCS622

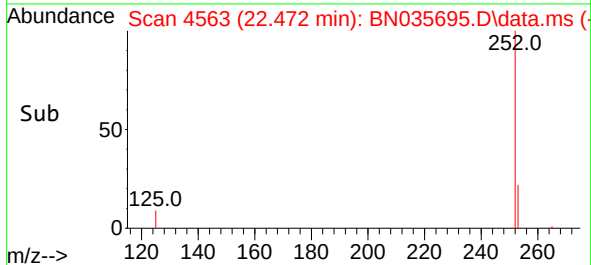
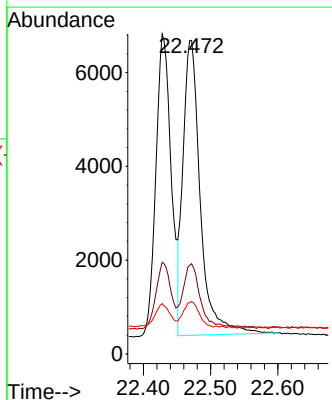
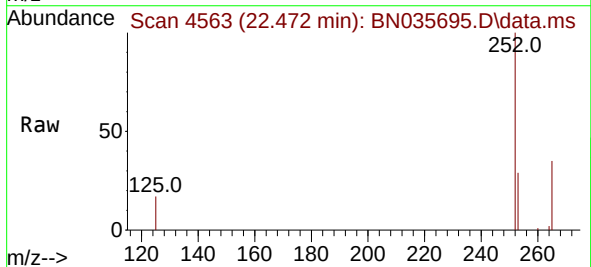


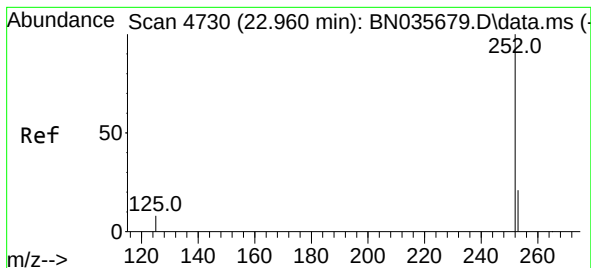
Tgt Ion:252 Resp: 10251
Ion Ratio Lower Upper
252 100
253 28.7 0.0 56.4
125 15.8 0.0 37.6



#25
Benzo(k)fluoranthene
Concen: 0.347 ng/ul
RT: 22.472 min Scan# 4563
Delta R.T. -0.009 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:252 Resp: 11173
Ion Ratio Lower Upper
252 100
253 28.8 22.1 33.1
125 16.7 15.3 22.9





#26

Benzo(a)pyrene

Concen: 0.350 ng/ul

RT: 22.951 min Scan# 41

Delta R.T. -0.012 min

Lab File: BN035695.D

Acq: 19 Dec 2024 06:42

Instrument :

BNA_N

ClientSampleId :

SLCS622

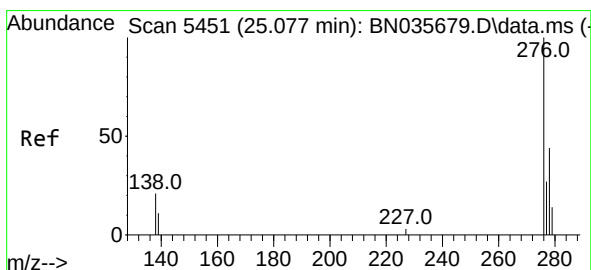
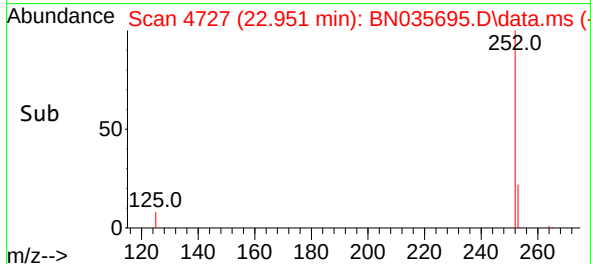
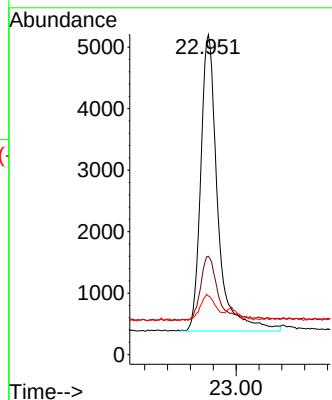
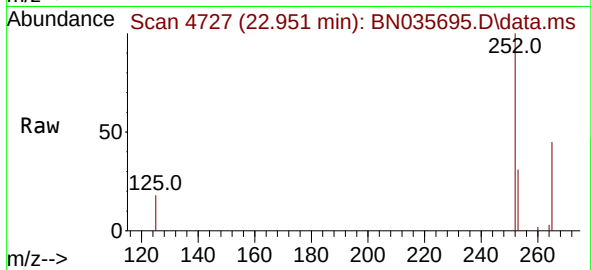
Tgt Ion:252 Resp: 9863

Ion Ratio Lower Upper

252 100

253 30.7 24.1 36.1

125 18.3 19.1 28.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.411 ng/ul

RT: 25.067 min Scan# 5448

Delta R.T. -0.013 min

Lab File: BN035695.D

Acq: 19 Dec 2024 06:42

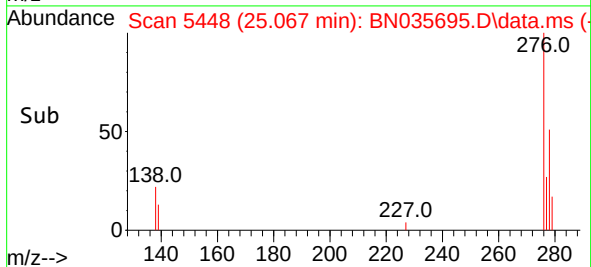
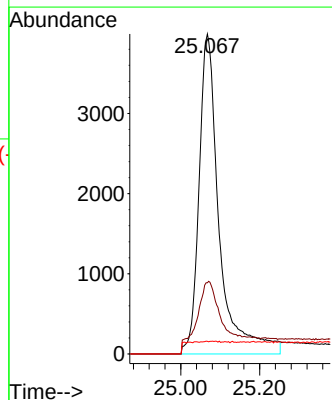
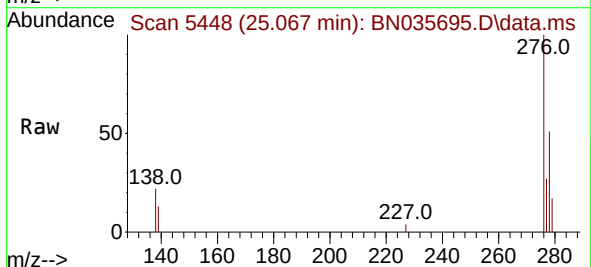
Tgt Ion:276 Resp: 14107

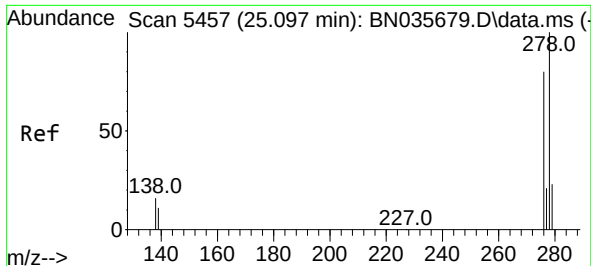
Ion Ratio Lower Upper

276 100

138 36.8 14.7 22.1#

227 0.0 21.6 32.4#

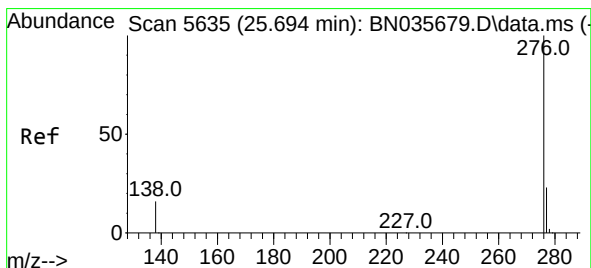
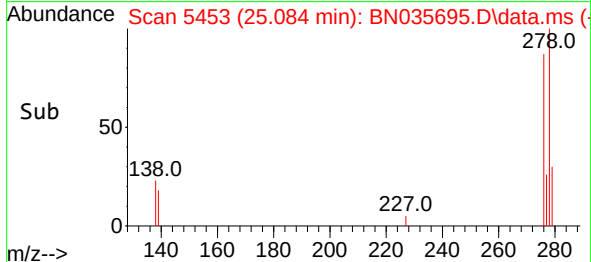
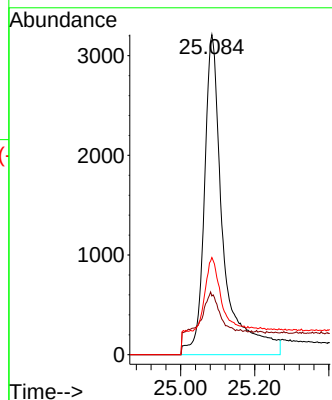
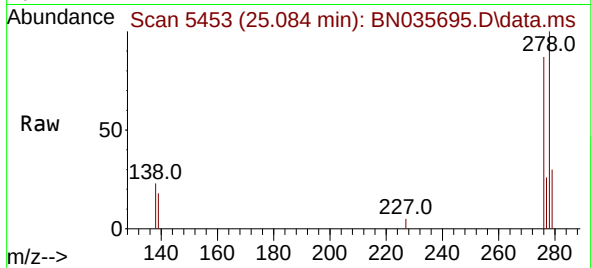




#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 25.084 min Scan# 5457
Delta R.T. -0.017 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Instrument :
BNA_N
ClientSampleId :
SLCS622

Tgt Ion:278 Resp: 11351
Ion Ratio Lower Upper
278 100
139 18.3 19.8 29.8#
279 30.4 24.0 36.0



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 25.681 min Scan# 5631
Delta R.T. -0.017 min
Lab File: BN035695.D
Acq: 19 Dec 2024 06:42

Tgt Ion:276 Resp: 10203
Ion Ratio Lower Upper
276 100
138 21.4 19.6 29.4
277 26.2 21.6 32.4

