

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036202.D
 Acq On : 01 Feb 2025 12:17
 Operator : RC/JU
 Sample : PB166391BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS391

Quant Time: Feb 03 12:05:16 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 21 23:52:22 2025
 Response via : Initial Calibration

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

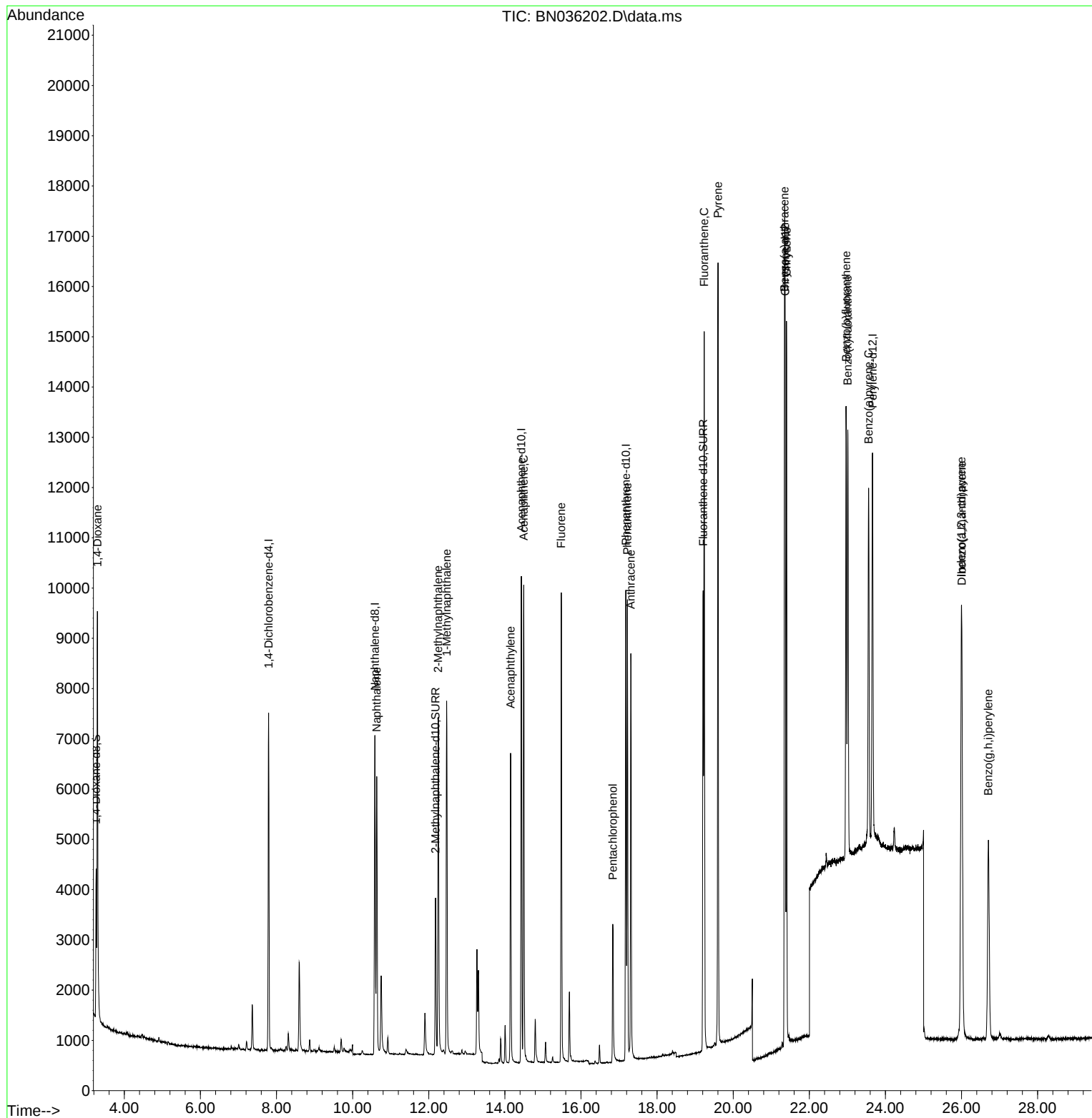
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	3323	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.583	136	8646	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.431	164	5262	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.179	188	11206	0.400	ng/ul	-0.01
17) Chrysene-d12	21.366	240	11089	0.400	ng/ul	0.00
23) Perylene-d12	23.660	264	10387	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	1898	0.522	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.178	152	4286	0.393	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	10351	0.340	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	5261	1.355	ng/ul	90
5) Naphthalene	10.633	128	7570	0.318	ng/ul	99
7) 2-Methylnaphthalene	12.249	142	4918	0.332	ng/ul	99
8) 1-Methylnaphthalene	12.469	142	5053	0.336	ng/ul	99
10) Acenaphthylene	14.149	152	7207	0.291	ng/ul	99
11) Acenaphthene	14.496	153	5543	0.304	ng/ul	97
12) Fluorene	15.482	166	6087	0.302	ng/ul	100
14) Pentachlorophenol	16.837	266	2026	0.516	ng/ul	100
15) Phenanthrene	17.221	178	10004	0.305	ng/ul	99
16) Anthracene	17.309	178	9021	0.296	ng/ul	99
19) Fluoranthene	19.238	202	12320	0.292	ng/ul	99
20) Pyrene	19.601	202	13127	0.298	ng/ul	97
21) Benzo(a)anthracene	21.348	228	12282	0.310	ng/ul	99
22) Chrysene	21.401	228	12214	0.302	ng/ul	99
24) Benzo(b)fluoranthene	22.967	252	11415	0.329	ng/ul	88
25) Benzo(k)fluoranthene	23.011	252	11111	0.305	ng/ul#	90
26) Benzo(a)pyrene	23.558	252	9987	0.319	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.995	276	10892	0.263	ng/ul	99
28) Dibenzo(a,h)anthracene	26.008	278	8615	0.270	ng/ul	93
29) Benzo(g,h,i)perylene	26.706	276	8321	0.259	ng/ul	97

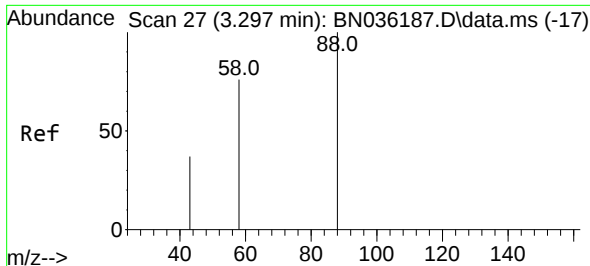
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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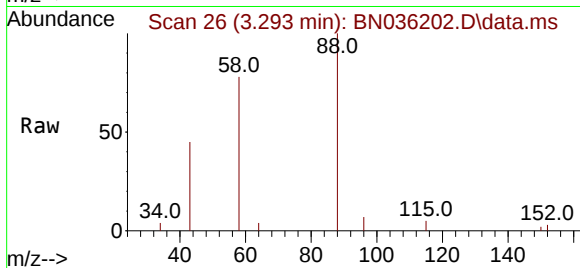
Quant Time: Feb 03 12:05:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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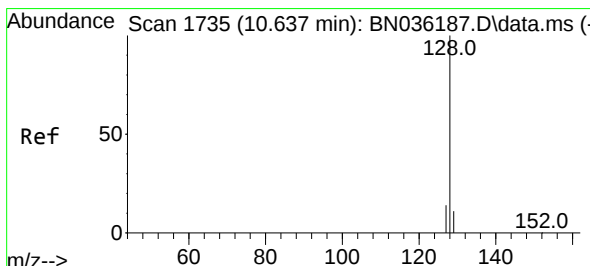
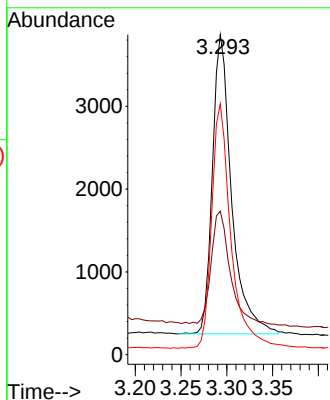
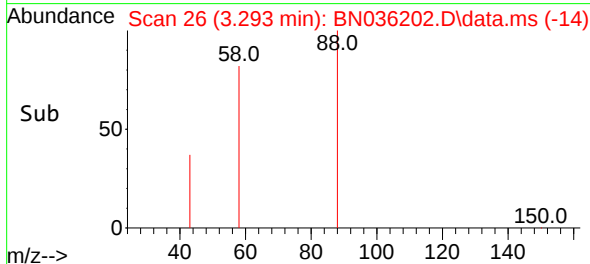


#2
 1,4-Dioxane
 Concen: 1.355 ng/ul
 RT: 3.293 min Scan# 20
 Delta R.T. -0.021 min
 Lab File: BN036202.D
 Acq: 01 Feb 2025 12:17

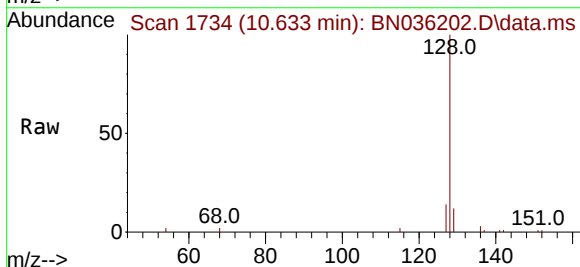
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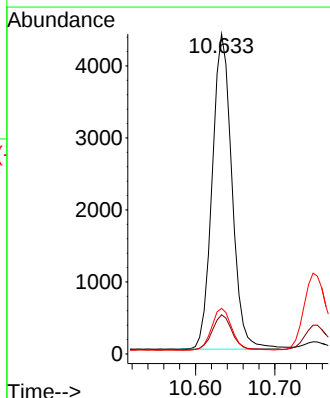
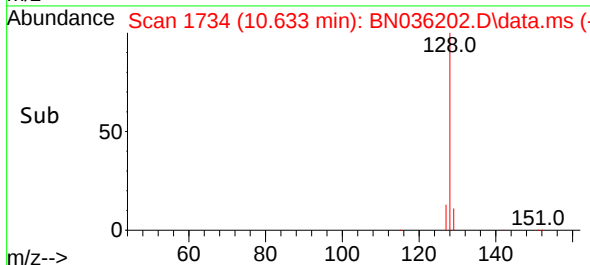
Tgt Ion: 88 Resp: 5261
 Ion Ratio Lower Upper
 88 100
 43 44.8 40.7 61.1
 58 78.4 55.2 82.8

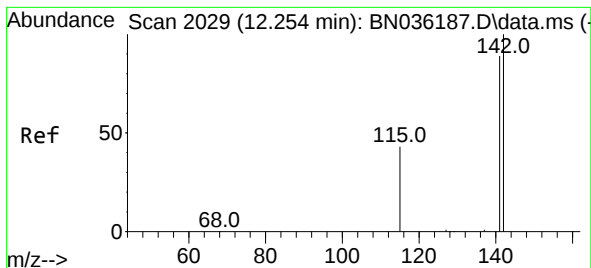


#5
 Naphthalene
 Concen: 0.318 ng/ul
 RT: 10.633 min Scan# 1734
 Delta R.T. -0.022 min
 Lab File: BN036202.D
 Acq: 01 Feb 2025 12:17



Tgt Ion: 128 Resp: 7570
 Ion Ratio Lower Upper
 128 100
 129 12.3 9.6 14.4
 127 14.3 12.0 18.0

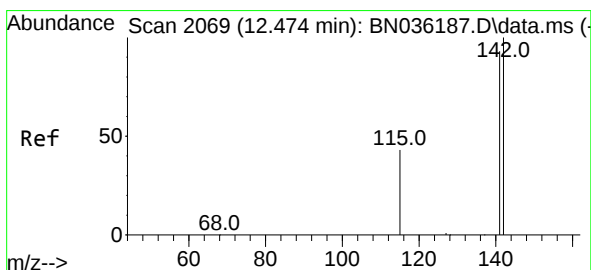
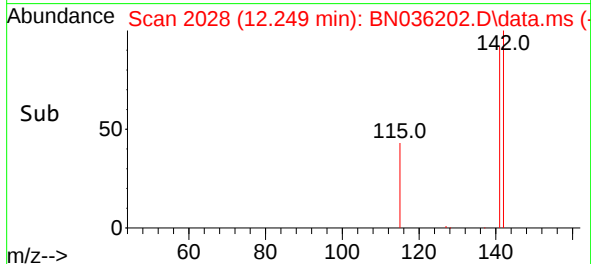
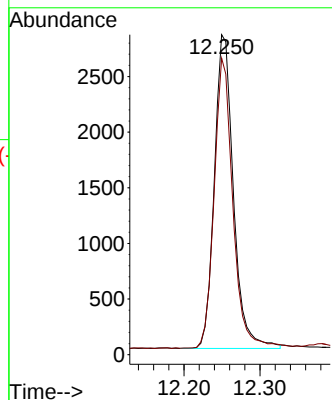
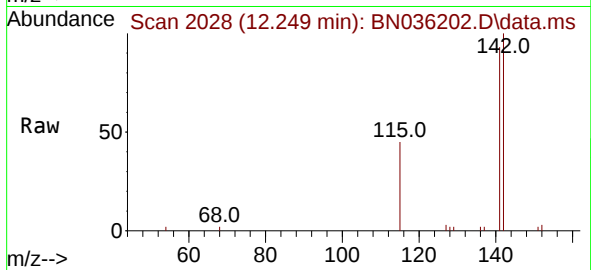




#7
2-Methylnaphthalene
Concen: 0.332 ng/ul
RT: 12.249 min Scan# 2029
Delta R.T. -0.022 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

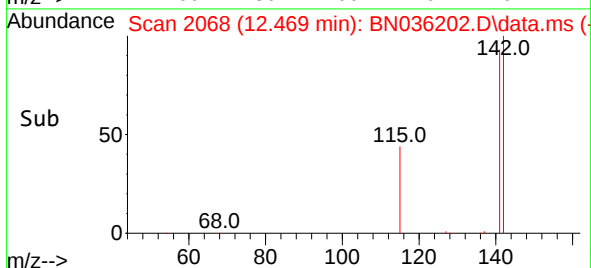
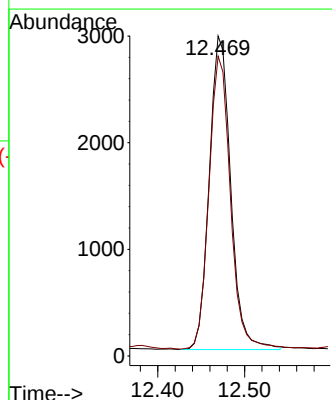
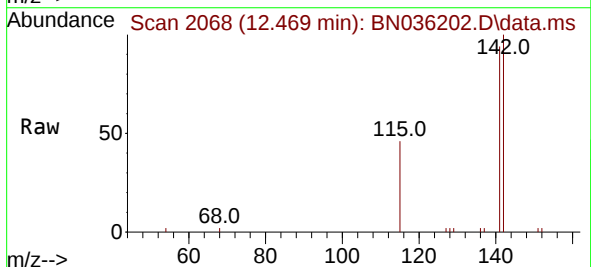
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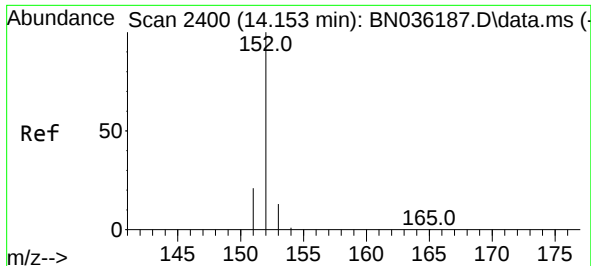
Tgt Ion:142 Resp: 4918
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.022 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:142 Resp: 5053
Ion Ratio Lower Upper
142 100
141 93.2 75.2 112.8

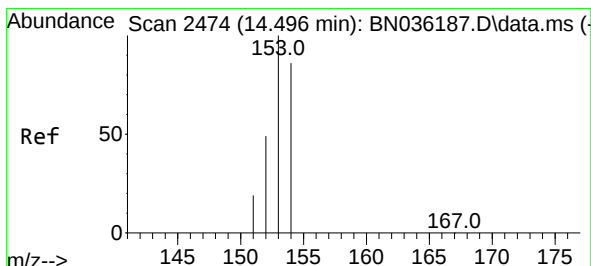
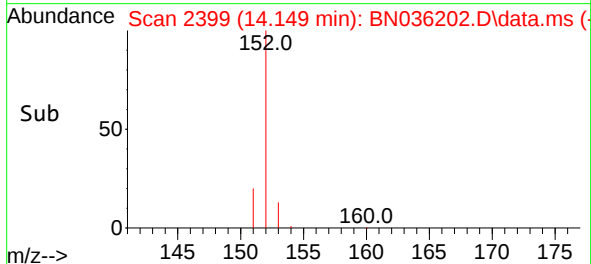
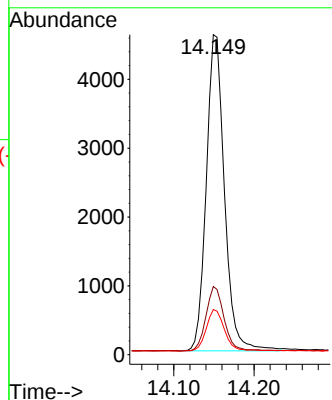
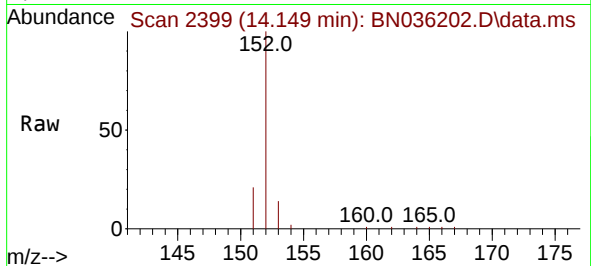




#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.149 min Scan# 21
Delta R.T. -0.018 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

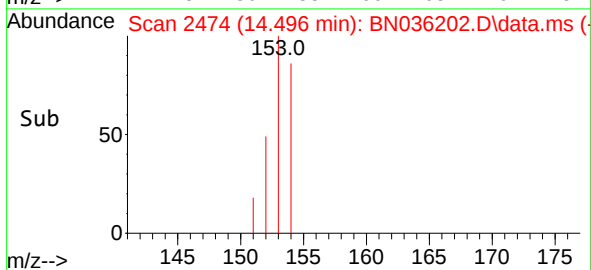
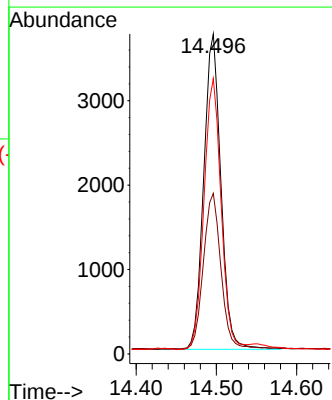
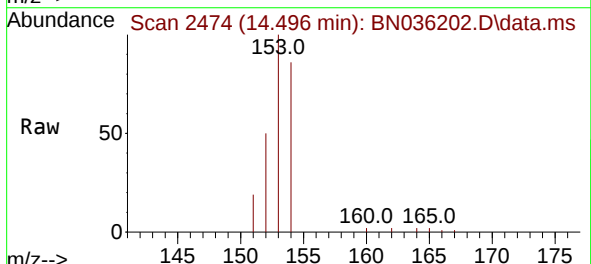
Instrument :
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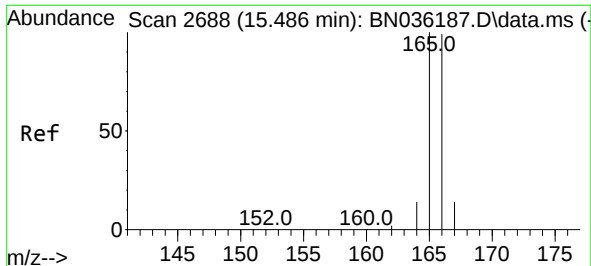
Tgt Ion:152 Resp: 7207
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2
153 14.1 11.9 17.9



#11
Acenaphthene
Concen: 0.304 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.018 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:153 Resp: 5543
Ion Ratio Lower Upper
153 100
152 50.2 43.2 64.8
154 86.0 70.5 105.7

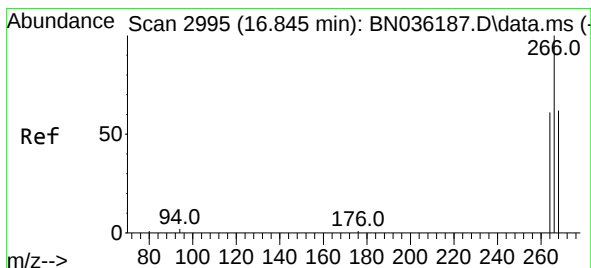
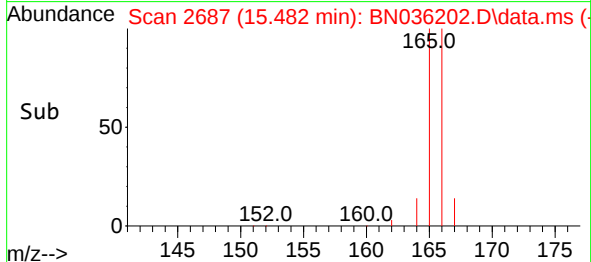
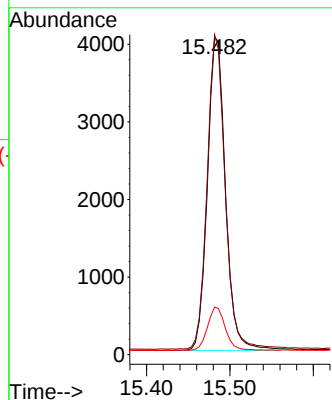
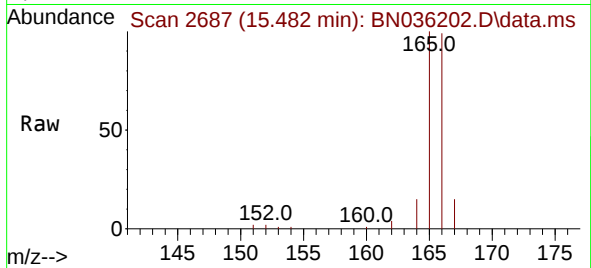




#12
 Fluorene
 Concen: 0.302 ng/ul
 RT: 15.482 min Scan# 2087
 Delta R.T. -0.018 min
 Lab File: BN036202.D
 Acq: 01 Feb 2025 12:17

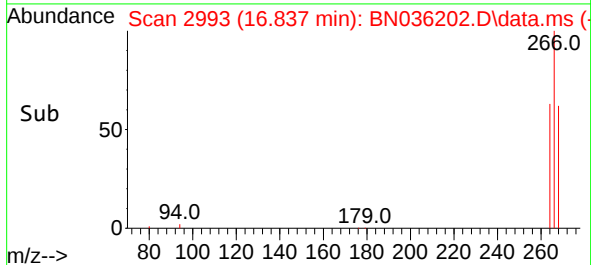
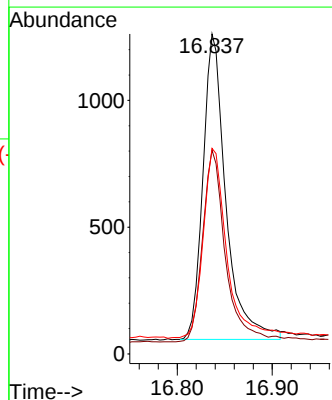
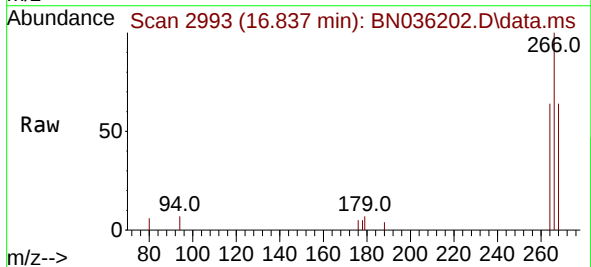
Instrument :
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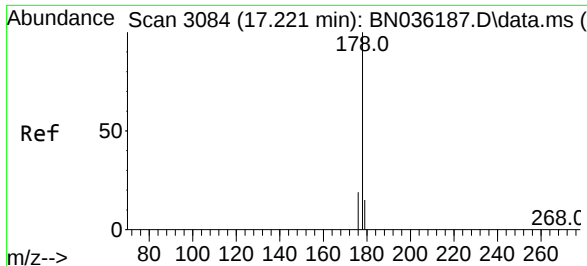
Tgt Ion:166 Resp: 6087
 Ion Ratio Lower Upper
 166 100
 165 100.8 80.3 120.5
 167 15.0 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.516 ng/ul
 RT: 16.837 min Scan# 2993
 Delta R.T. -0.004 min
 Lab File: BN036202.D
 Acq: 01 Feb 2025 12:17

Tgt Ion:266 Resp: 2026
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.6 75.8
 268 63.5 50.6 75.8

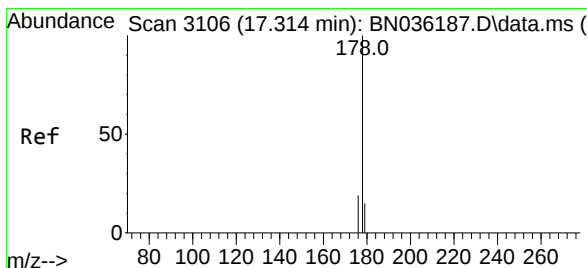
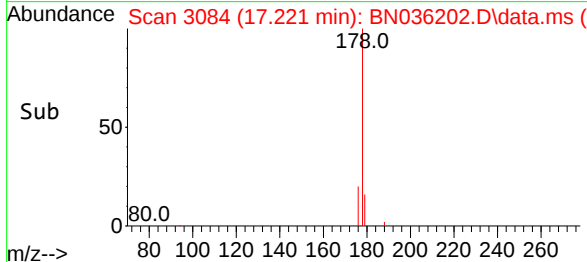
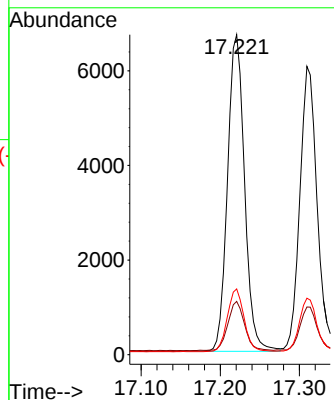
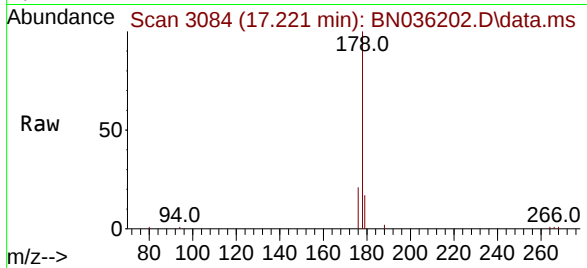




#15
Phenanthrene
Concen: 0.305 ng/ul
RT: 17.221 min Scan# 3084
Delta R.T. -0.013 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

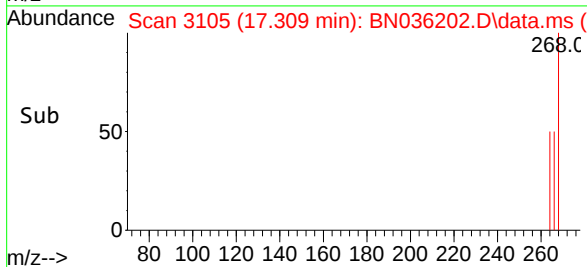
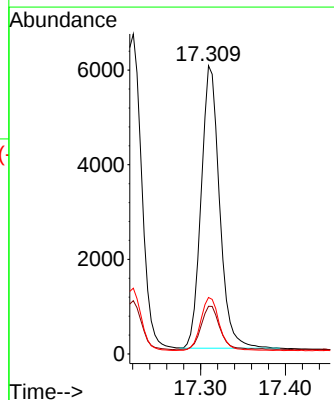
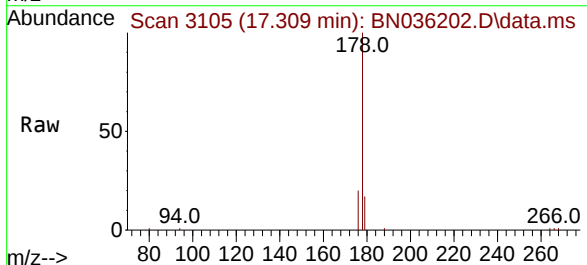
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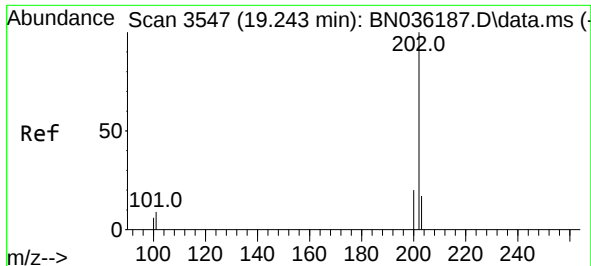
Tgt Ion:178 Resp: 10004
Ion Ratio Lower Upper
178 100
179 16.7 13.2 19.8
176 20.5 16.8 25.2



#16
Anthracene
Concen: 0.296 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:178 Resp: 9021
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.6 15.9 23.9

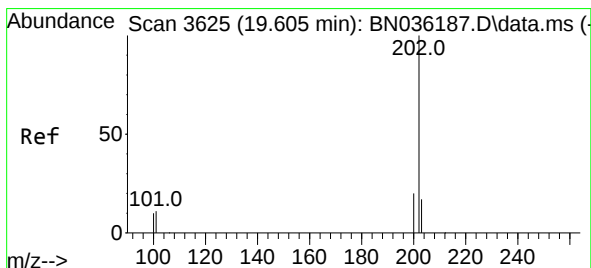
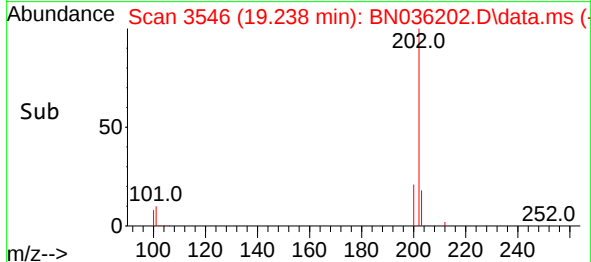
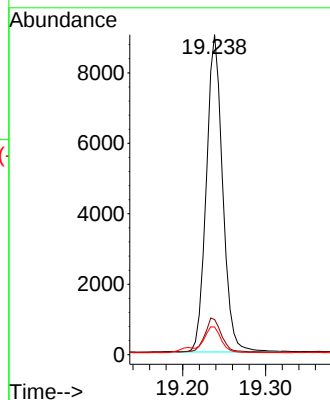
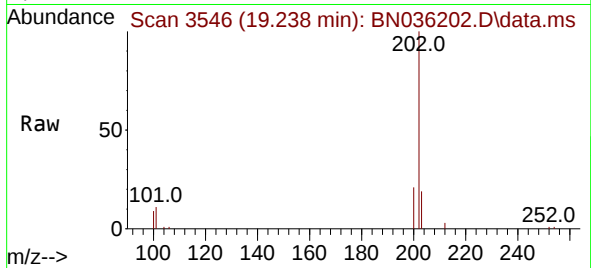




#19
Fluoranthene
Concen: 0.292 ng/ul
RT: 19.238 min Scan# 3546
Delta R.T. -0.009 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

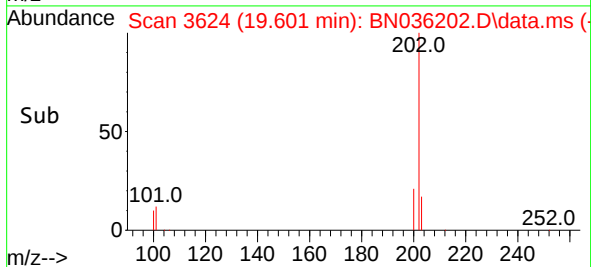
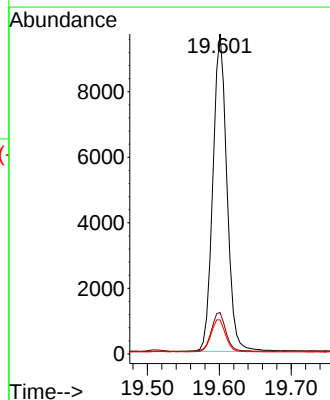
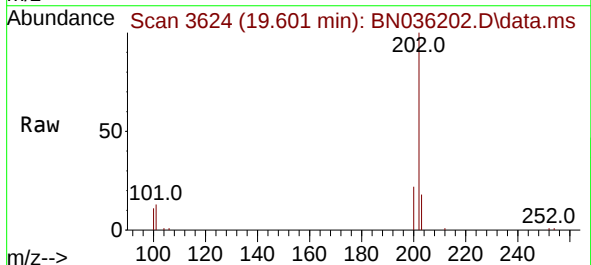
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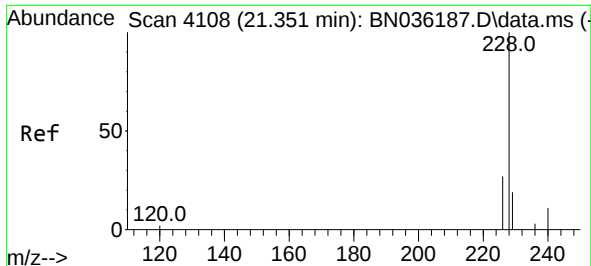
Tgt Ion:202 Resp: 12320
Ion Ratio Lower Upper
202 100
101 11.0 8.4 12.6
100 8.7 6.5 9.7



#20
Pyrene
Concen: 0.298 ng/ul
RT: 19.601 min Scan# 3624
Delta R.T. -0.009 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:202 Resp: 13127
Ion Ratio Lower Upper
202 100
101 12.9 9.3 13.9
100 10.7 7.5 11.3

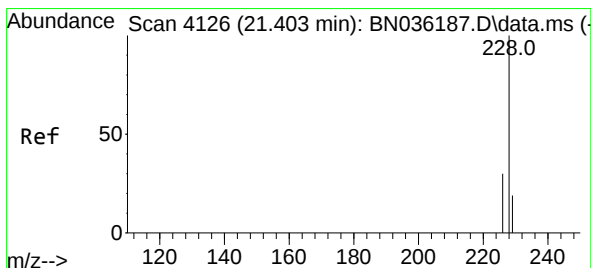
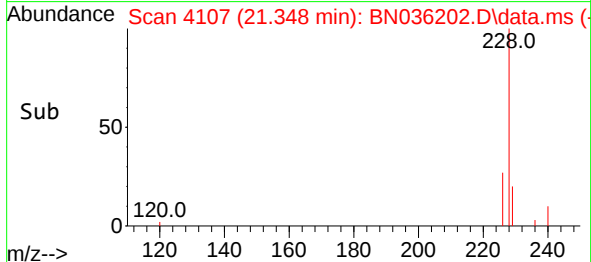
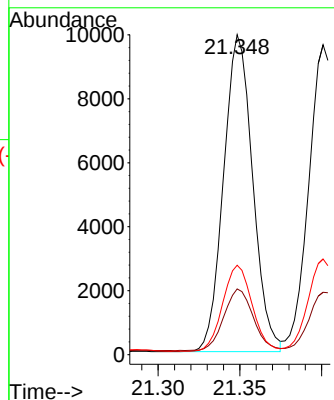
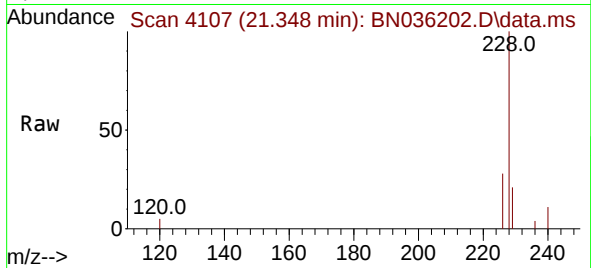




#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.348 min Scan# 4107
Delta R.T. -0.005 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

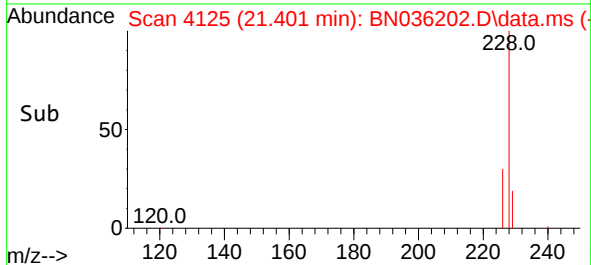
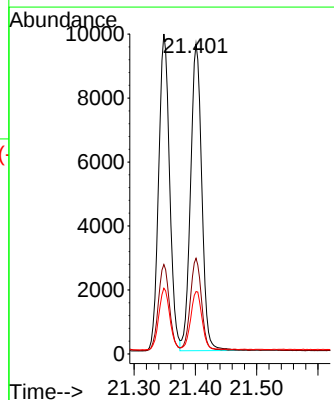
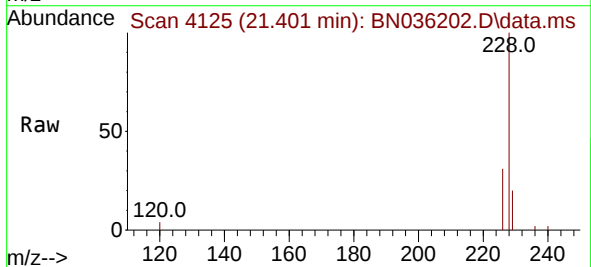
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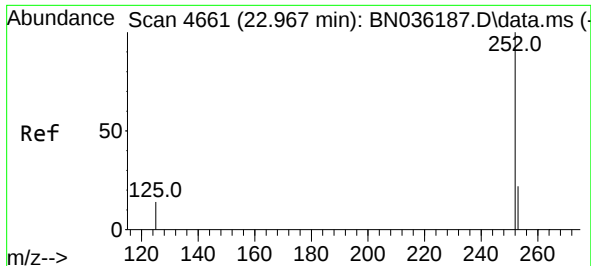
Tgt Ion:228 Resp: 12282
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 27.9 22.8 34.2



#22
Chrysene
Concen: 0.302 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:228 Resp: 12214
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 20.2 15.9 23.9

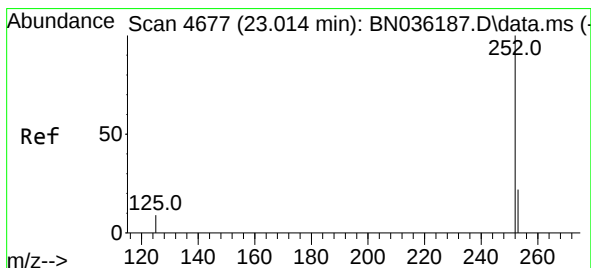
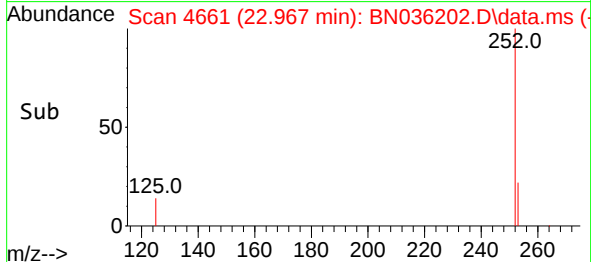
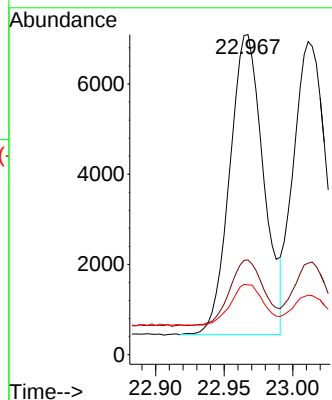
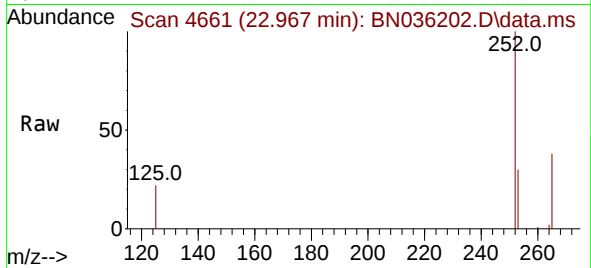




#24
Benzo(b)fluoranthene
Concen: 0.329 ng/ul
RT: 22.967 min Scan# 4661
Delta R.T. -0.005 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

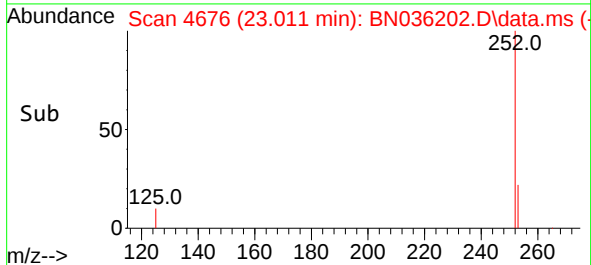
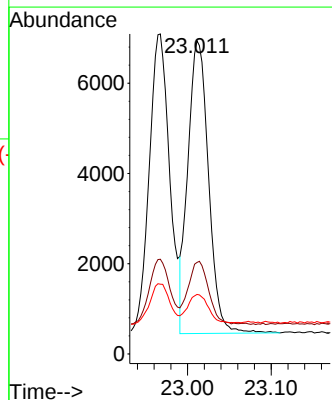
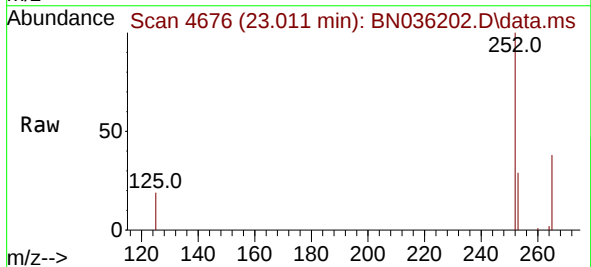
Instrument :
BNA_N
ClientSampleId :
SLCS391

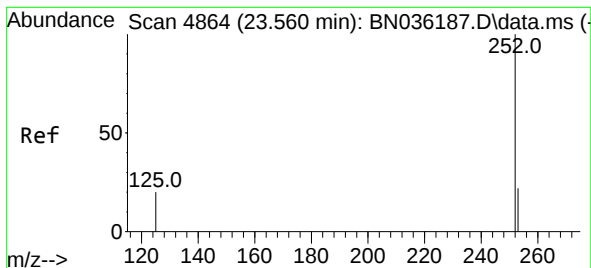
Tgt Ion:252 Resp: 11415
Ion Ratio Lower Upper
252 100
253 29.6 0.0 51.2
125 21.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.305 ng/ul
RT: 23.011 min Scan# 4676
Delta R.T. -0.008 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:252 Resp: 11111
Ion Ratio Lower Upper
252 100
253 29.2 20.2 30.4
125 19.0 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.319 ng/ul

RT: 23.558 min Scan# 4863

Delta R.T. -0.005 min

Lab File: BN036202.D

Acq: 01 Feb 2025 12:17

Instrument :

BNA_N

ClientSampleId :

SLCS391

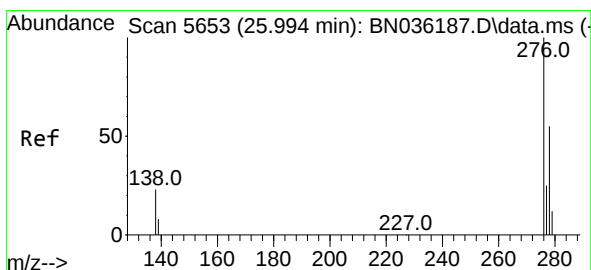
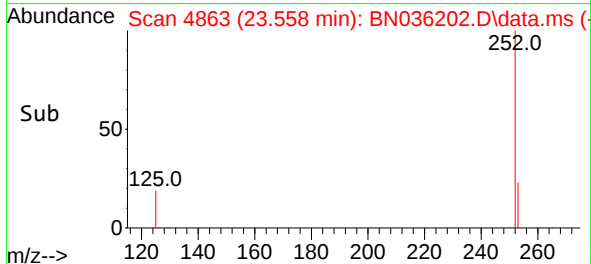
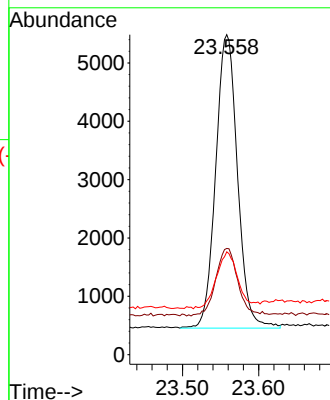
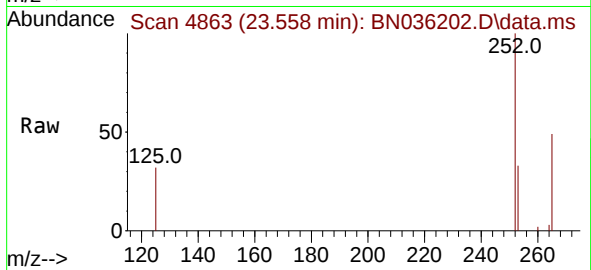
Tgt Ion:252 Resp: 9987

Ion Ratio Lower Upper

252 100

253 33.2 22.2 33.4

125 32.1 13.1 19.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.263 ng/ul

RT: 25.995 min Scan# 5653

Delta R.T. -0.010 min

Lab File: BN036202.D

Acq: 01 Feb 2025 12:17

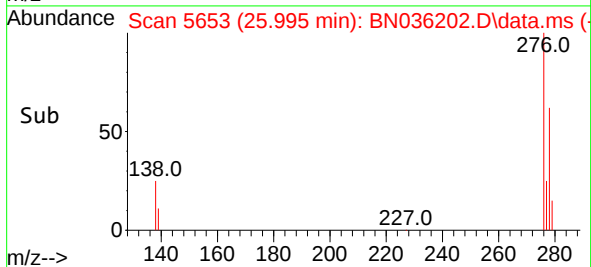
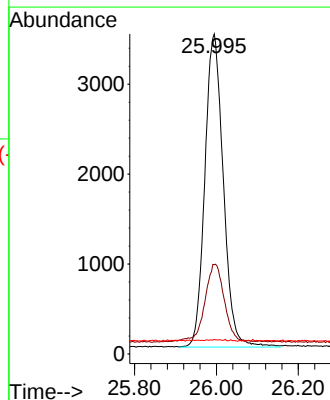
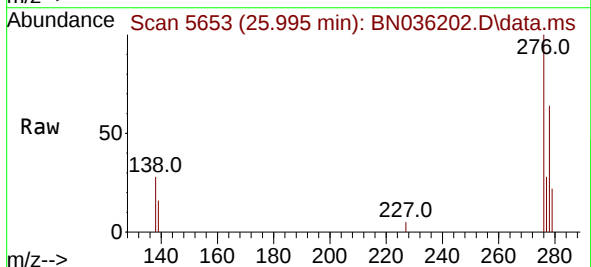
Tgt Ion:276 Resp: 10892

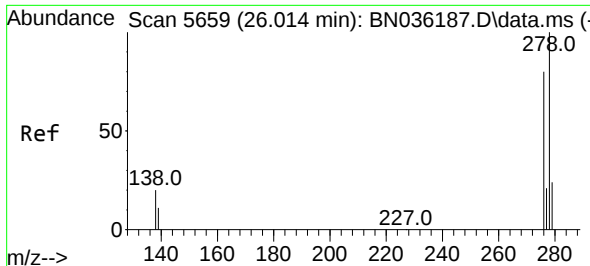
Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.4

227 0.1 0.1 0.1

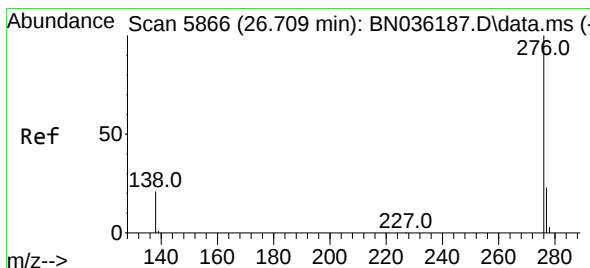
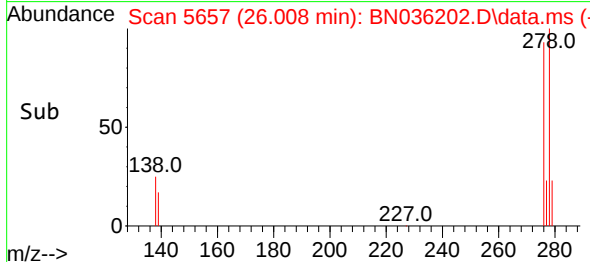
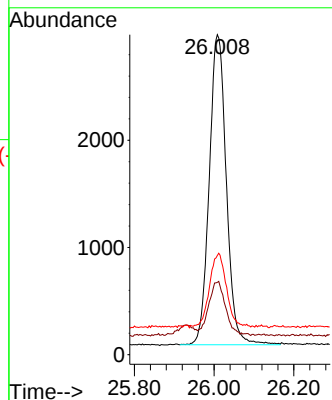
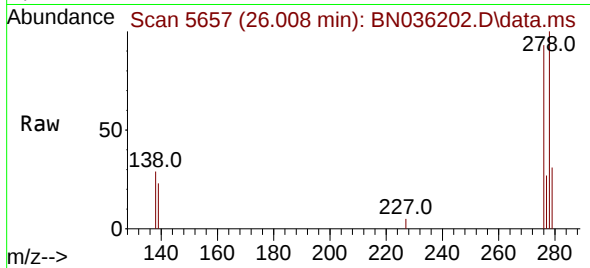




#28
Dibenzo(a,h)anthracene
Concen: 0.270 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. -0.013 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Instrument :
BNA_N
ClientSampleId :
SLCS391

Tgt Ion:278 Resp: 8615
Ion Ratio Lower Upper
278 100
139 22.6 15.4 23.2
279 31.0 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.259 ng/ul
RT: 26.706 min Scan# 5865
Delta R.T. -0.013 min
Lab File: BN036202.D
Acq: 01 Feb 2025 12:17

Tgt Ion:276 Resp: 8321
Ion Ratio Lower Upper
276 100
138 26.4 19.4 29.0
277 27.2 21.1 31.7

