

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012425\
 Data File : BN036025.D
 Acq On : 24 Jan 2025 14:56
 Operator : RC/JU
 Sample : PB166119BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS119

Quant Time: Jan 24 23:18:55 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

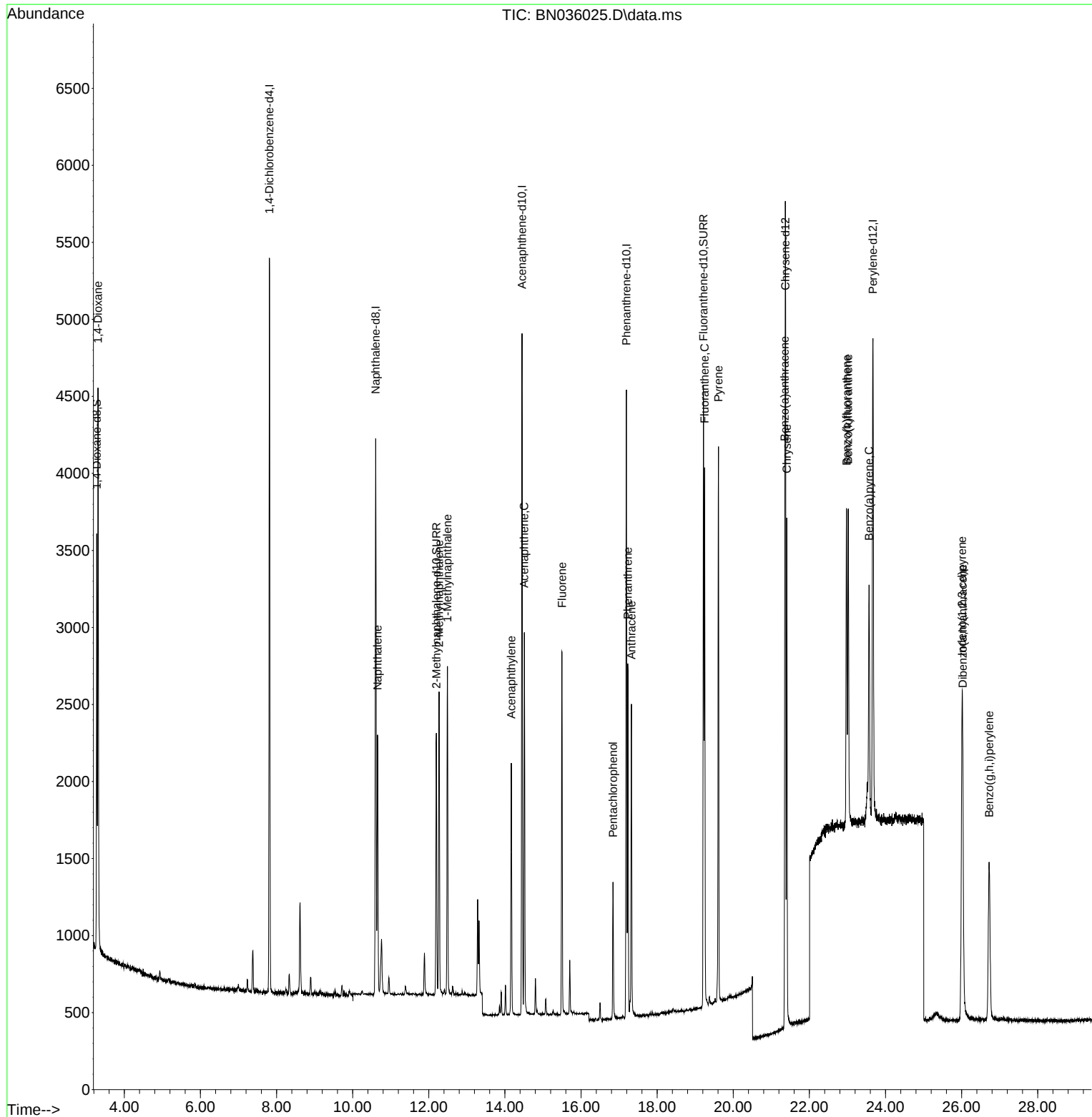
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.604	136	4727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2364	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4901	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4336	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	4427	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1562	0.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.199	152	2150	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	4526	0.380	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	2137	0.792	ng/ul	93
5) Naphthalene	10.653	128	2217	0.170	ng/ul	96
7) 2-Methylnaphthalene	12.270	142	1322	0.163	ng/ul	98
8) 1-Methylnaphthalene	12.490	142	1361	0.166	ng/ul	99
10) Acenaphthylene	14.167	152	1822	0.164	ng/ul	97
11) Acenaphthene	14.510	153	1396	0.170	ng/ul	98
12) Fluorene	15.500	166	1485	0.164	ng/ul	99
14) Pentachlorophenol	16.841	266	569	0.331	ng/ul	98
15) Phenanthrene	17.229	178	2424	0.169	ng/ul	97
16) Anthracene	17.322	178	2150	0.161	ng/ul	98
19) Fluoranthene	19.248	202	2853	0.173	ng/ul	96
20) Pyrene	19.610	202	2975	0.173	ng/ul	96
21) Benzo(a)anthracene	21.354	228	2628	0.170	ng/ul	98
22) Chrysene	21.407	228	2734	0.173	ng/ul	97
24) Benzo(b)fluoranthene	22.976	252	2583	0.175	ng/ul	86
25) Benzo(k)fluoranthene	23.020	252	2672	0.172	ng/ul#	84
26) Benzo(a)pyrene	23.567	252	2346	0.176	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.011	276	2903	0.165	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.028	278	2230	0.164	ng/ul#	87
29) Benzo(g,h,i)perylene	26.722	276	2310	0.169	ng/ul	92

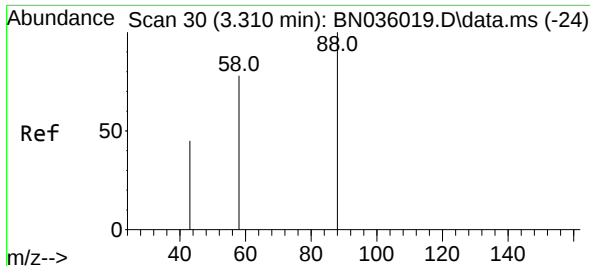
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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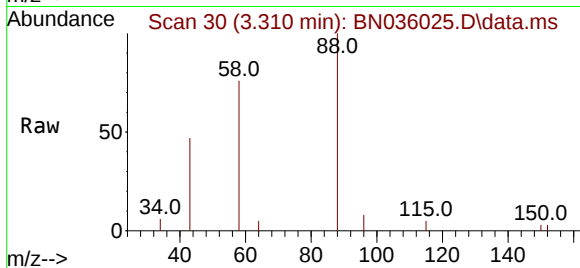
Quant Time: Jan 24 23:18:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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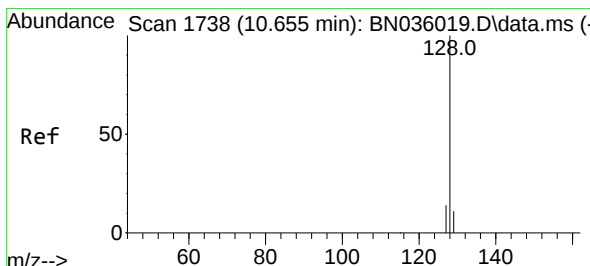
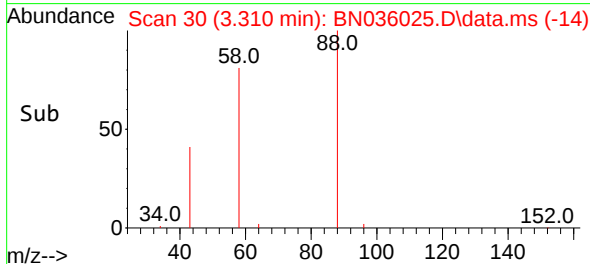
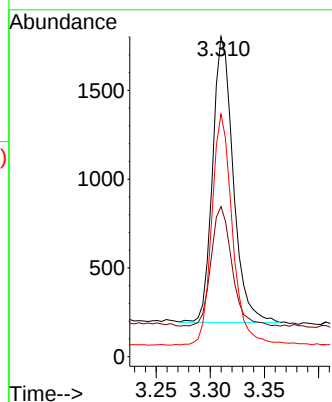
#2
 1,4-Dioxane
 Concen: 0.792 ng/ul
 RT: 3.310 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BN036025.D
 Acq: 24 Jan 2025 14:56

Instrument :
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Tgt Ion: 88 Resp: 2137

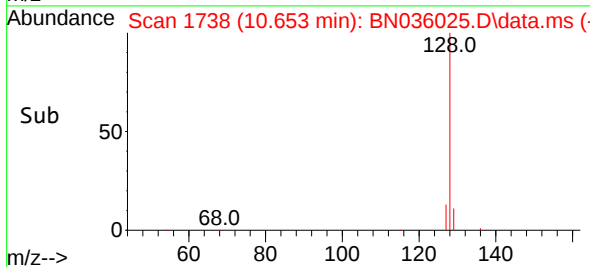
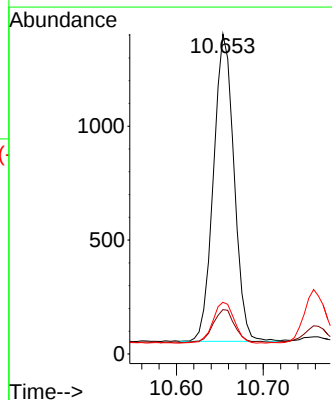
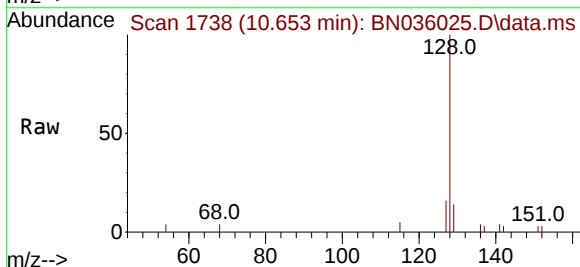
Ion	Ratio	Lower	Upper
88	100		
43	46.9	40.7	61.1
58	75.8	55.2	82.8

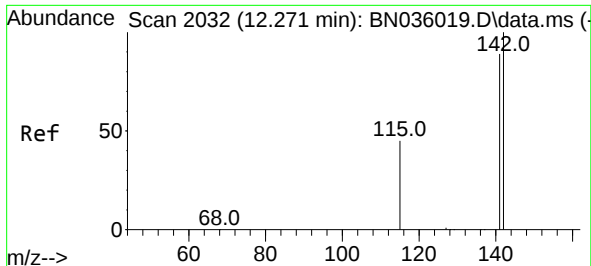


#5
 Naphthalene
 Concen: 0.170 ng/ul
 RT: 10.653 min Scan# 1738
 Delta R.T. -0.001 min
 Lab File: BN036025.D
 Acq: 24 Jan 2025 14:56

Tgt Ion: 128 Resp: 2217

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.6	14.4
127	16.2	12.0	18.0

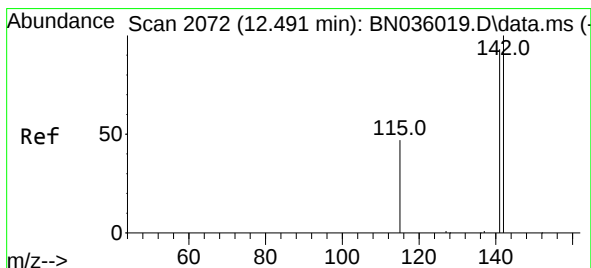
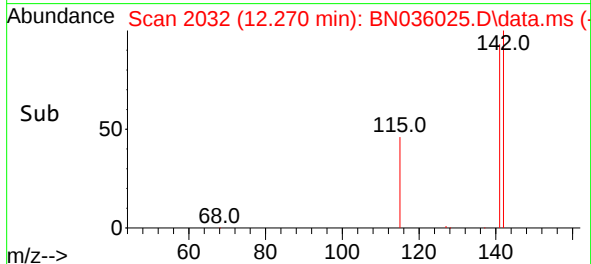
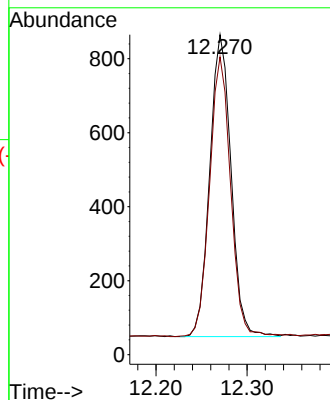
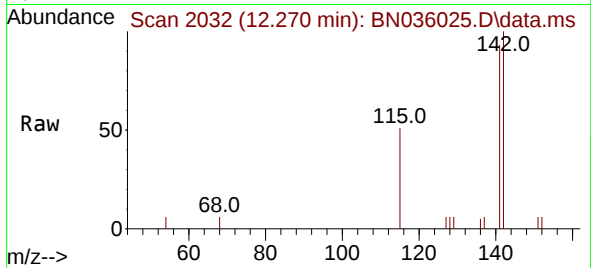




#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.270 min Scan# 2032
Delta R.T. -0.001 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

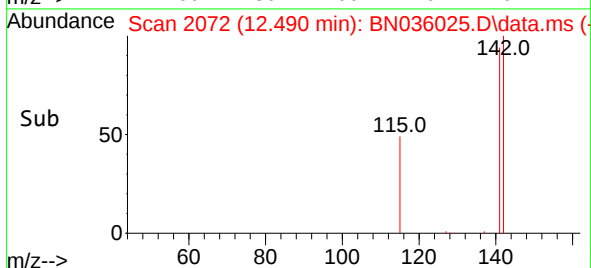
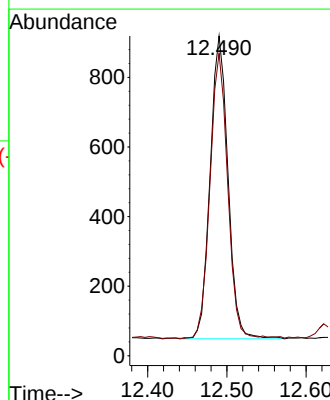
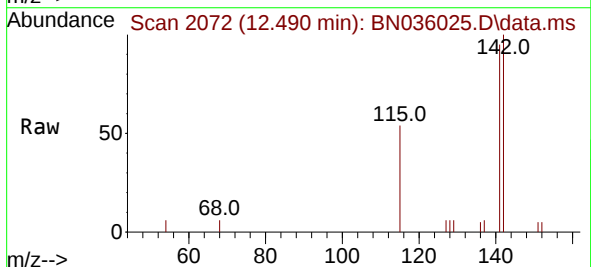
Instrument :
BNA_N
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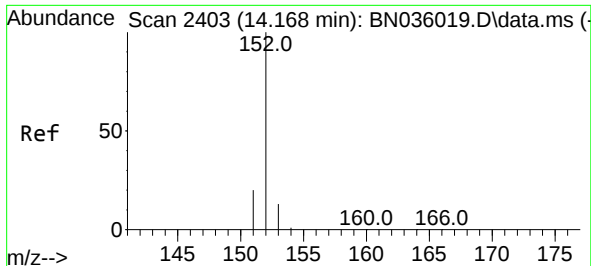
Tgt Ion:142 Resp: 1322
Ion Ratio Lower Upper
142 100
141 91.6 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:142 Resp: 1361
Ion Ratio Lower Upper
142 100
141 93.2 75.2 112.8

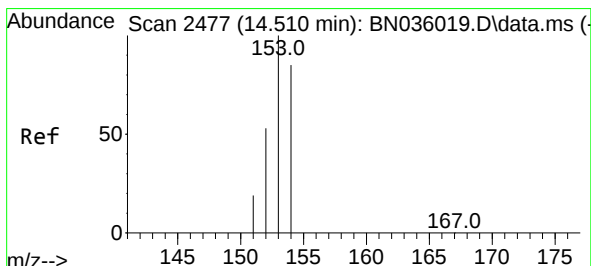
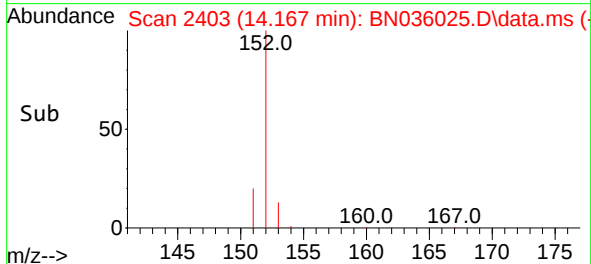
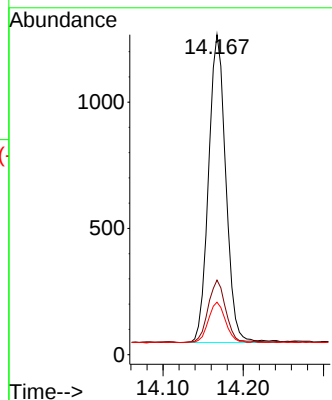
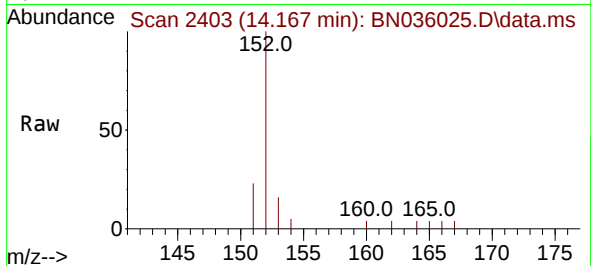




#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 14.167 min Scan# 2403
Delta R.T. -0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

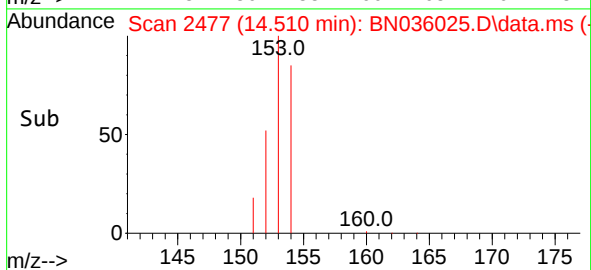
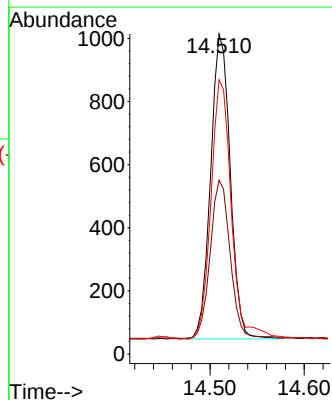
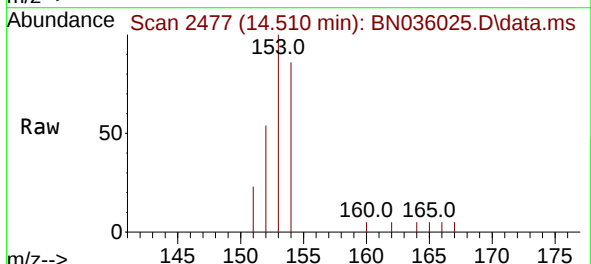
Instrument :
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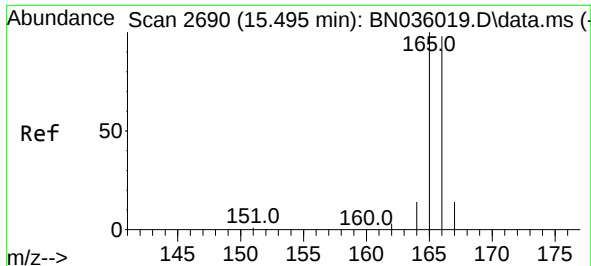
Tgt Ion:152 Resp: 1822
Ion Ratio Lower Upper
152 100
151 23.3 17.4 26.2
153 16.4 11.9 17.9



#11
Acenaphthene
Concen: 0.170 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:153 Resp: 1396
Ion Ratio Lower Upper
153 100
152 54.3 43.2 64.8
154 85.7 70.5 105.7

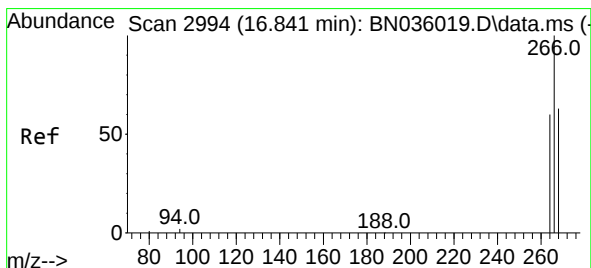
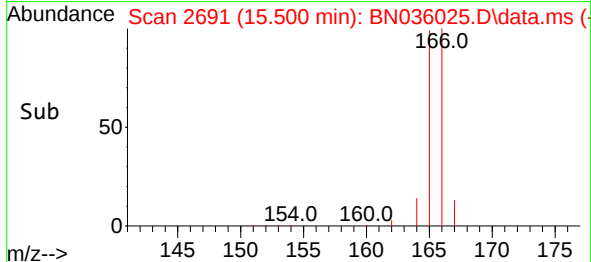
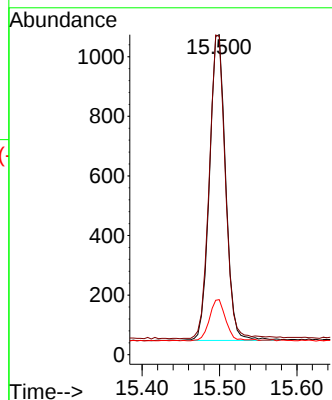
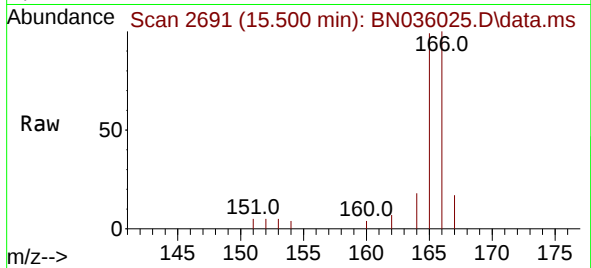




#12
 Fluorene
 Concen: 0.164 ng/ul
 RT: 15.500 min Scan# 2690
 Delta R.T. -0.000 min
 Lab File: BN036025.D
 Acq: 24 Jan 2025 14:56

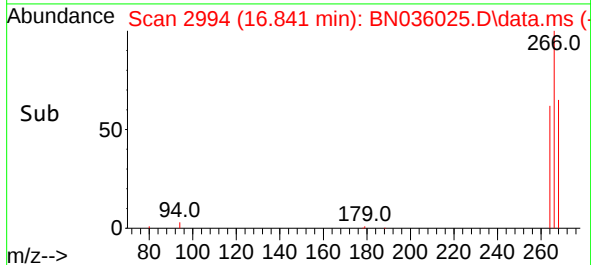
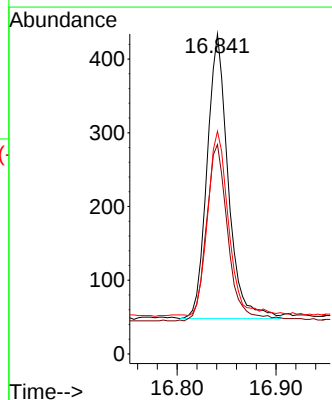
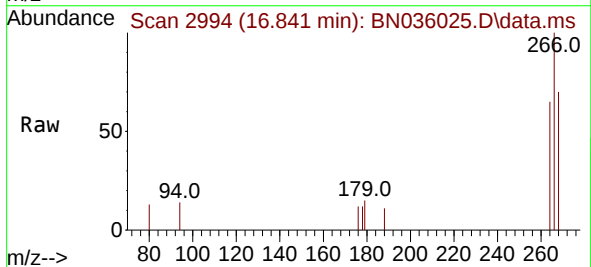
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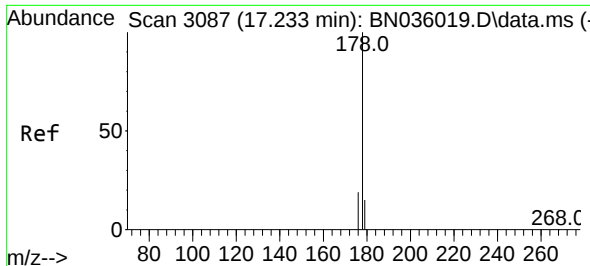
Tgt Ion:	166	Resp:	1485
Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	17.2	12.3	18.5



#14
 Pentachlorophenol
 Concen: 0.331 ng/ul
 RT: 16.841 min Scan# 2994
 Delta R.T. 0.000 min
 Lab File: BN036025.D
 Acq: 24 Jan 2025 14:56

Tgt Ion:	266	Resp:	569
Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.6	75.8
268	64.9	50.6	75.8

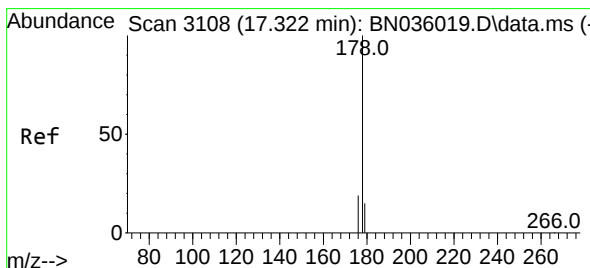
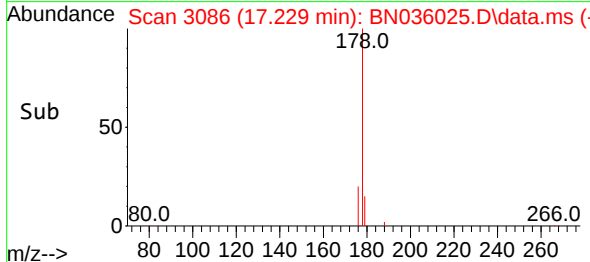
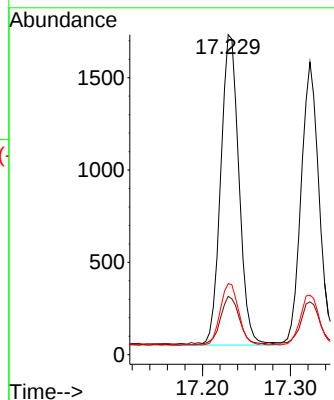
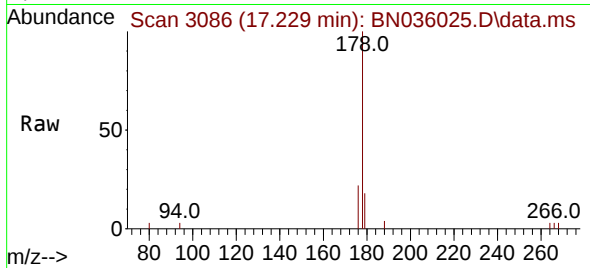




#15
Phenanthrene
Concen: 0.169 ng/ul
RT: 17.229 min Scan# 3086
Delta R.T. -0.004 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

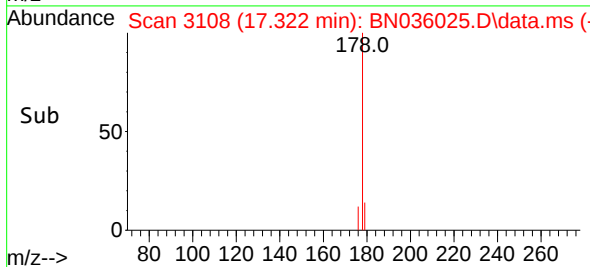
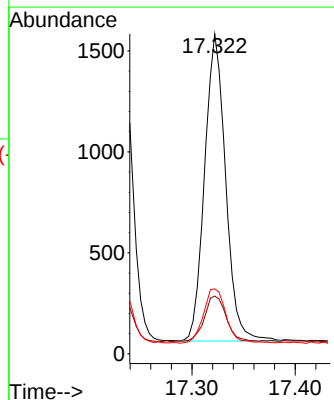
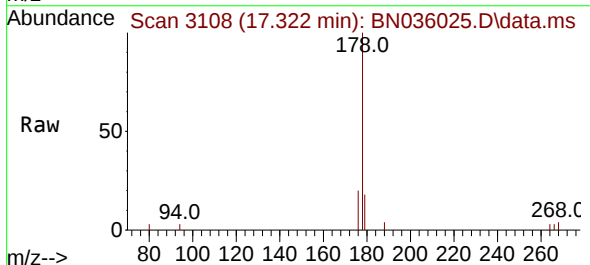
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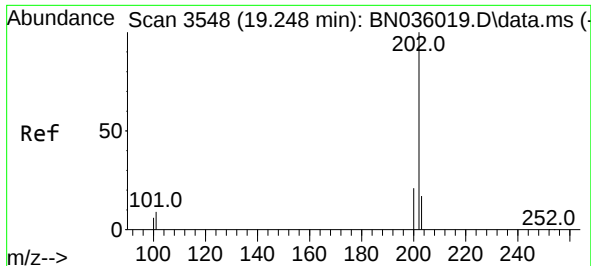
Tgt Ion:178 Resp: 2424
Ion Ratio Lower Upper
178 100
179 18.2 13.2 19.8
176 22.2 16.8 25.2



#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:178 Resp: 2150
Ion Ratio Lower Upper
178 100
179 18.1 13.0 19.4
176 20.3 15.9 23.9

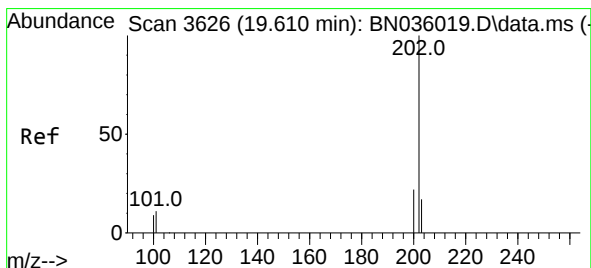
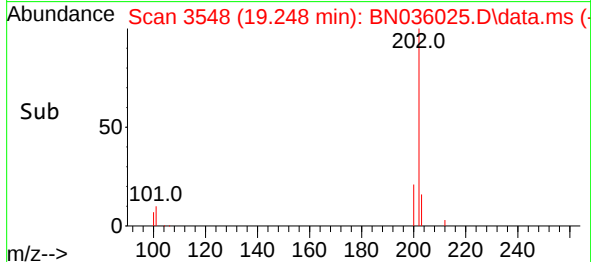
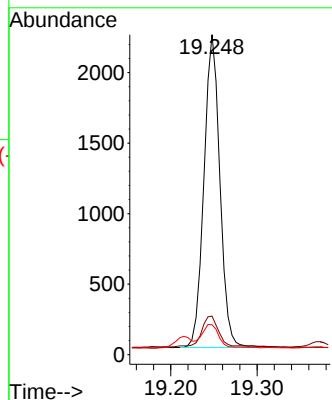
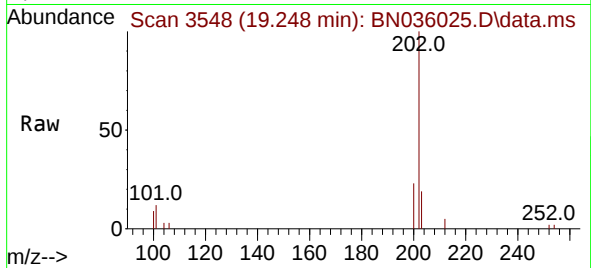




#19
Fluoranthene
Concen: 0.173 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

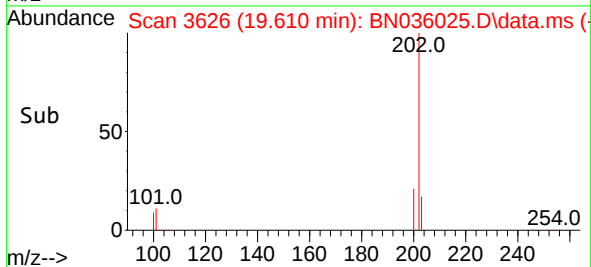
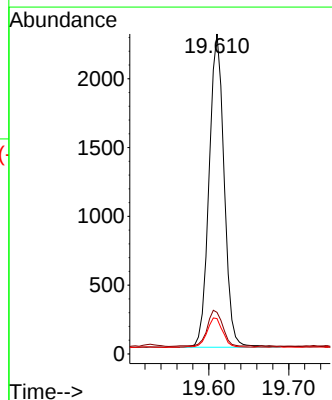
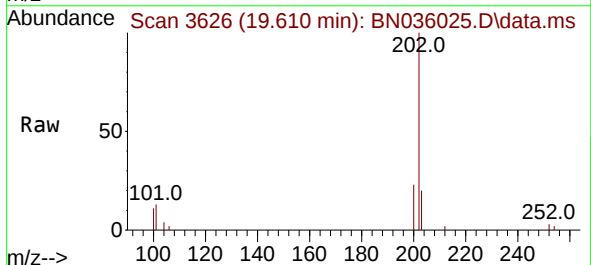
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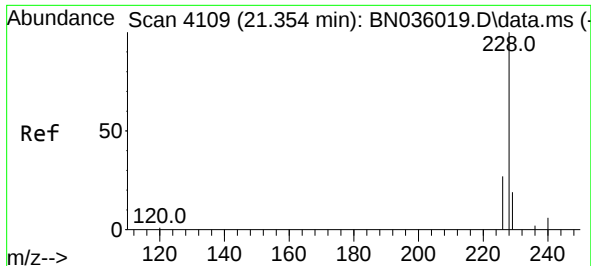
Tgt Ion:202 Resp: 2853
Ion Ratio Lower Upper
202 100
101 12.0 8.4 12.6
100 9.3 6.5 9.7



#20
Pyrene
Concen: 0.173 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:202 Resp: 2975
Ion Ratio Lower Upper
202 100
101 13.0 9.3 13.9
100 11.1 7.5 11.3

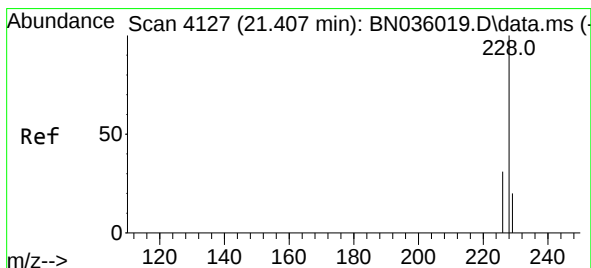
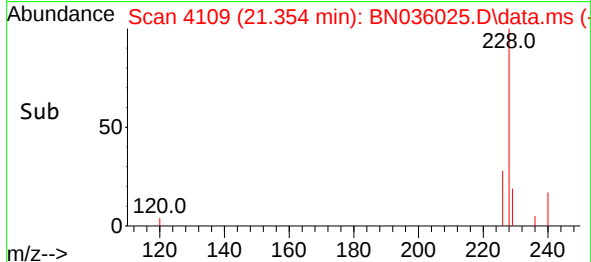
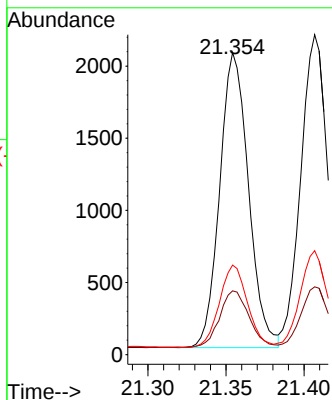
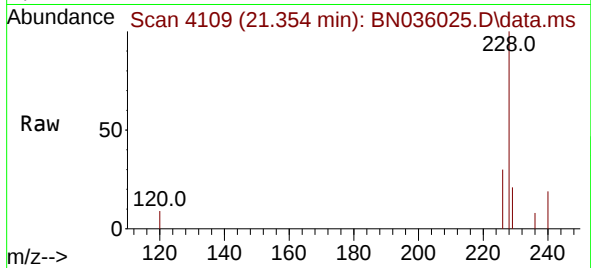




#21
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.354 min Scan# 4109
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

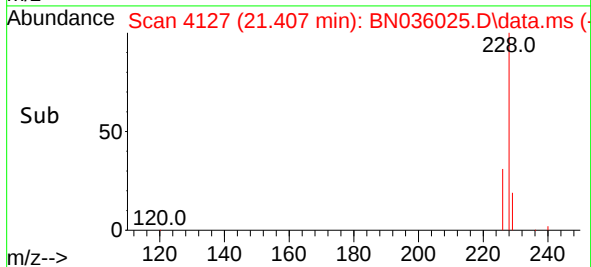
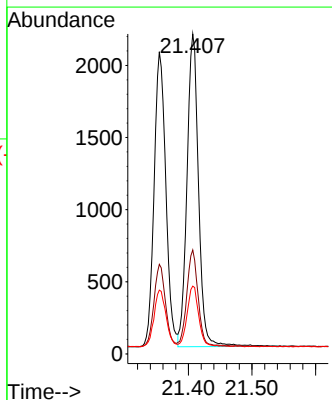
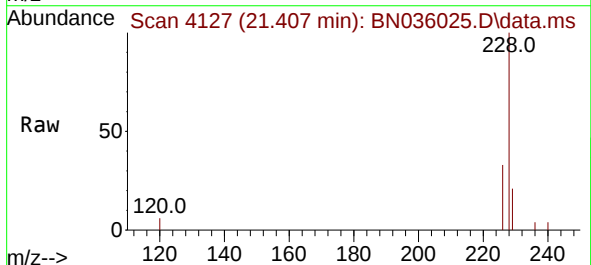
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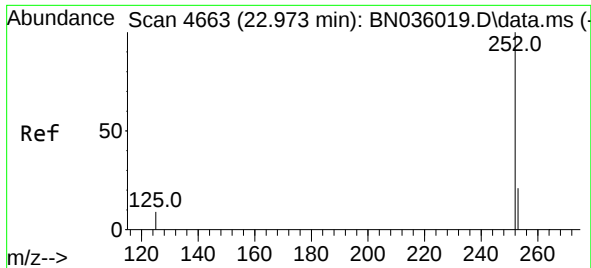
Tgt Ion:228 Resp: 2628
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 29.6 22.8 34.2



#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:228 Resp: 2734
Ion Ratio Lower Upper
228 100
226 32.5 24.4 36.6
229 21.2 15.9 23.9

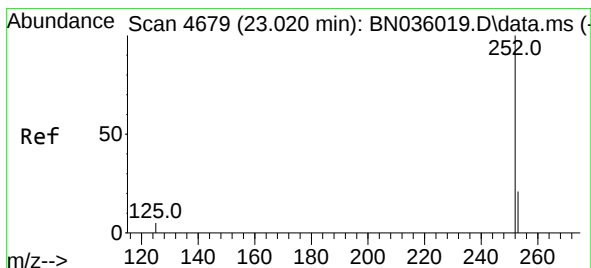
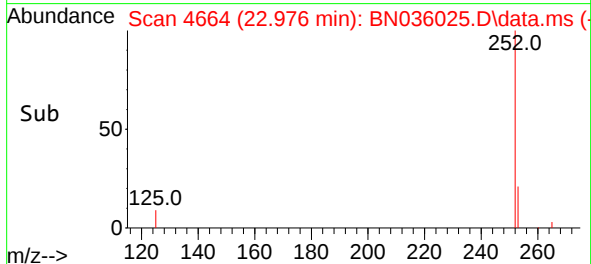
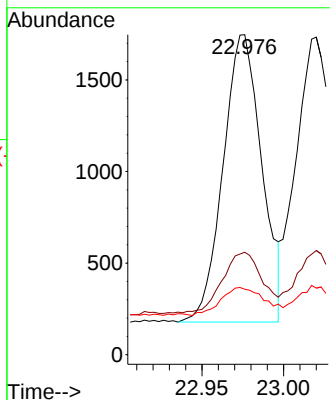
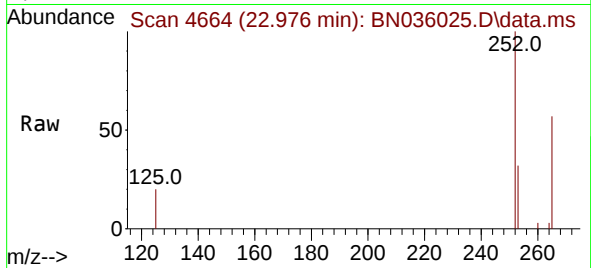




#24
Benzo(b)fluoranthene
Concen: 0.175 ng/ul
RT: 22.976 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

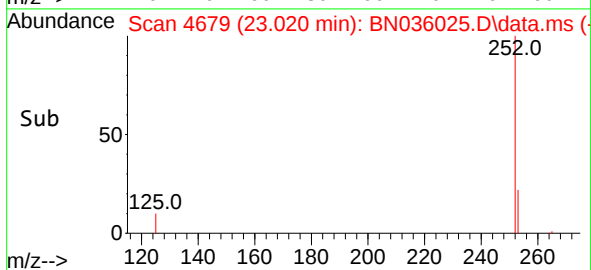
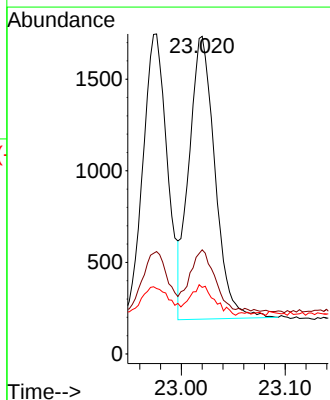
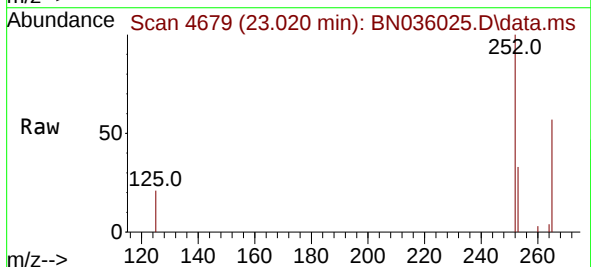
Instrument :
BNA_N
ClientSampleId :
SLCS119

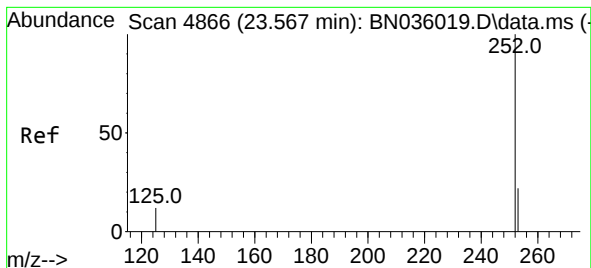
Tgt Ion:252 Resp: 2583
Ion Ratio Lower Upper
252 100
253 32.0 0.0 51.2
125 20.5 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:252 Resp: 2672
Ion Ratio Lower Upper
252 100
253 32.8 20.2 30.4#
125 21.0 10.6 16.0#





#26

Benzo(a)pyrene

Concen: 0.176 ng/ul

RT: 23.567 min Scan# 4866

Delta R.T. 0.003 min

Lab File: BN036025.D

Acq: 24 Jan 2025 14:56

Instrument :

BNA_N

ClientSampleId :

SLCS119

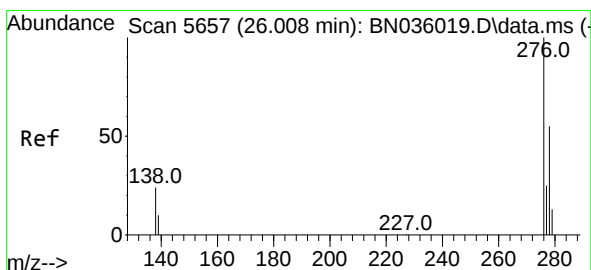
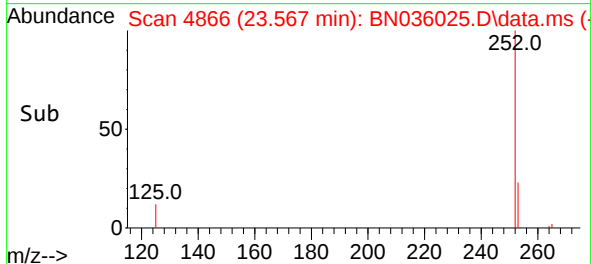
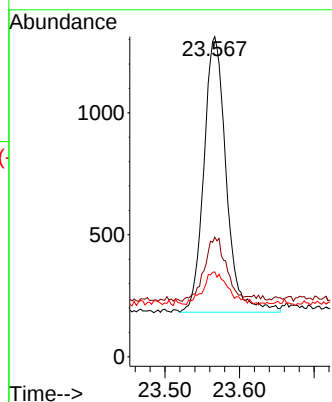
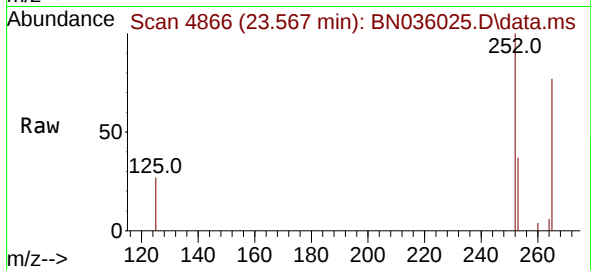
Tgt Ion:252 Resp: 2346

Ion Ratio Lower Upper

252 100

253 37.3 22.2 33.4#

125 26.5 13.1 19.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.165 ng/ul

RT: 26.011 min Scan# 5658

Delta R.T. 0.007 min

Lab File: BN036025.D

Acq: 24 Jan 2025 14:56

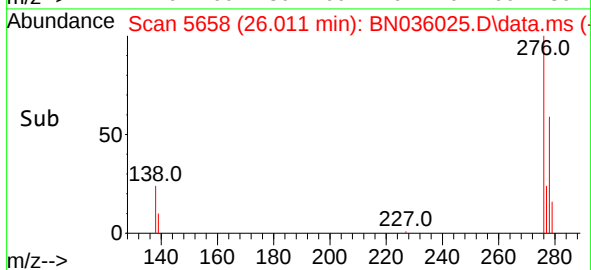
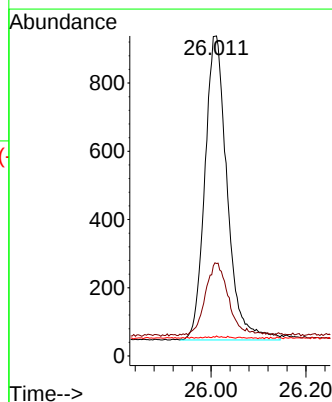
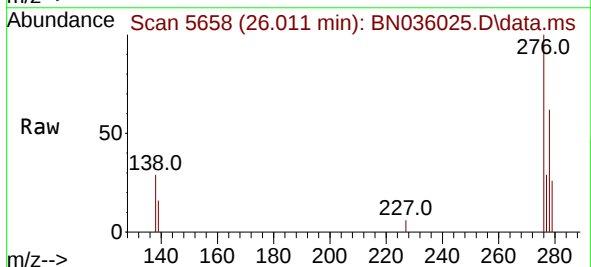
Tgt Ion:276 Resp: 2903

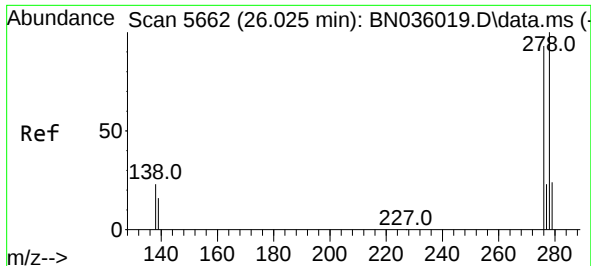
Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.4

227 0.3 0.1 0.1#

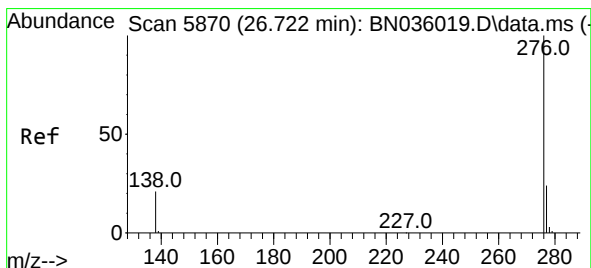
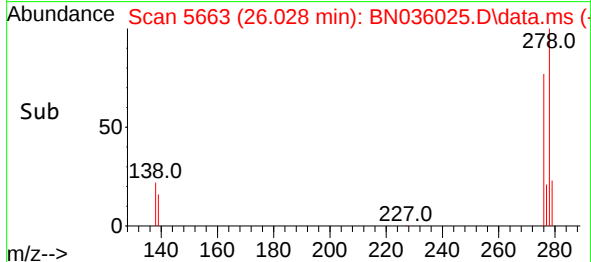
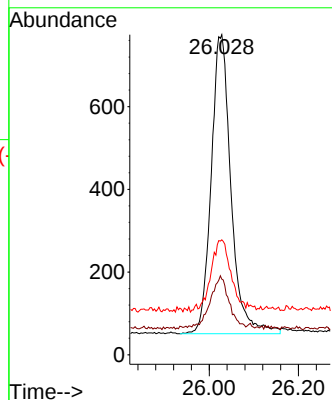
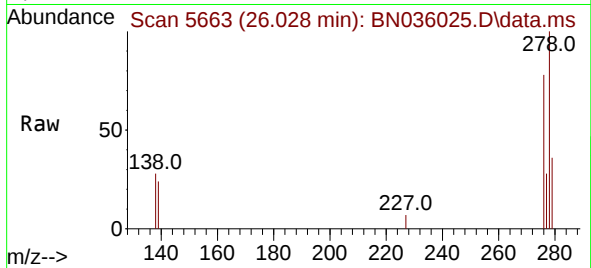




#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.028 min Scan# 5662
Delta R.T. 0.007 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:278 Resp: 2230
Ion Ratio Lower Upper
278 100
139 23.6 15.4 23.2#
279 35.9 22.2 33.4#



#29
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 26.722 min Scan# 5870
Delta R.T. 0.004 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:276 Resp: 2310
Ion Ratio Lower Upper
276 100
138 28.9 19.4 29.0
277 30.0 21.1 31.7

