

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036397.D
 Acq On : 08 Feb 2025 06:02
 Operator : RC/JU
 Sample : PB166498BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS498

Quant Time: Feb 11 16:50:06 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 : Fri Feb 07 11:25:57 2025
 Response via : Initial Calibration

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

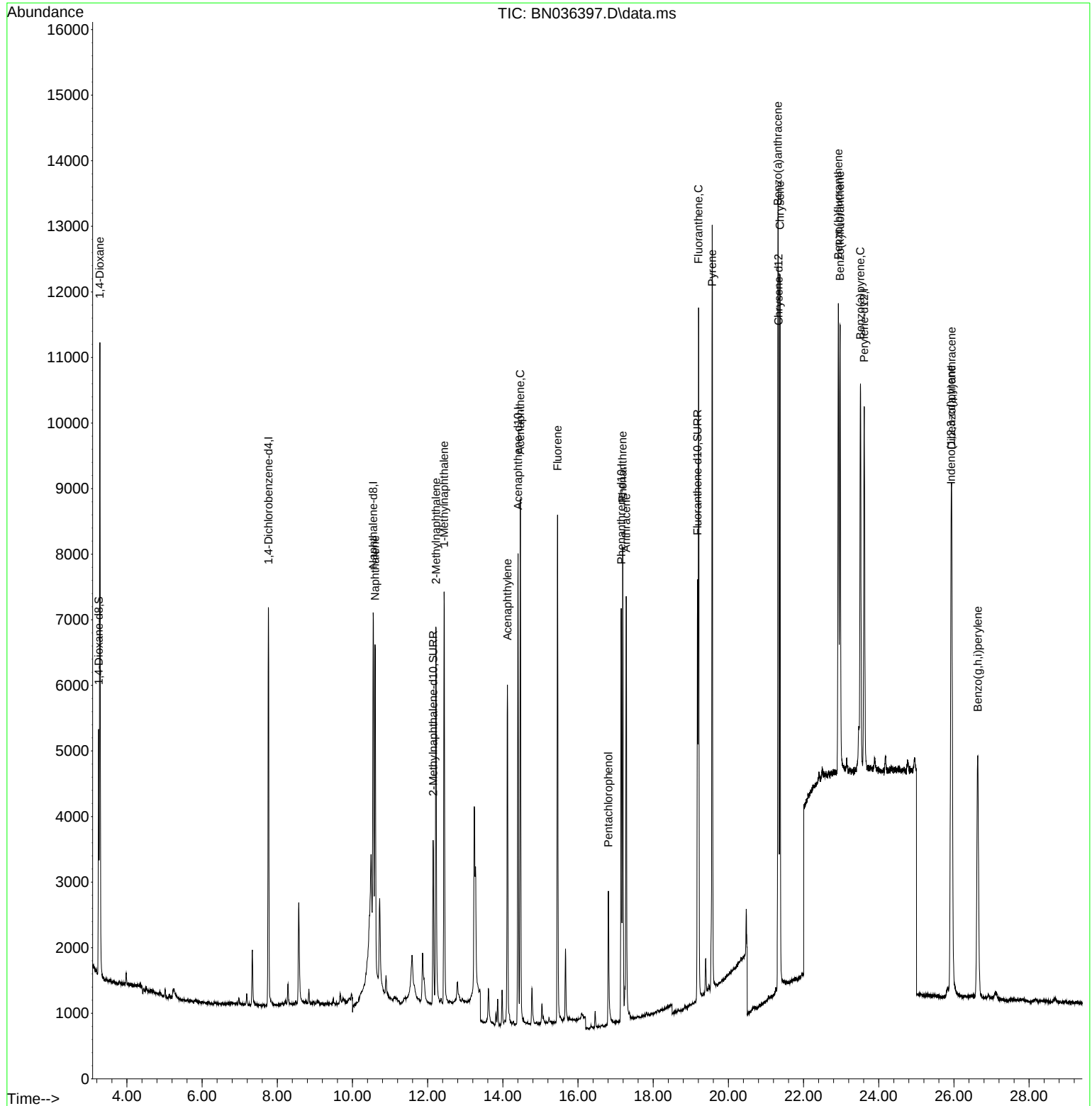
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	3131	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	8465	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.405	164	4140	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.150	188	7790	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.336	240	7121	0.400	ng/ul	# 0.00
23) Perylene-d12	23.613	264	7604	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2199	0.641	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	3604	0.337	ng/ul	-0.01
18) Fluoranthene-d10	19.179	212	7267	0.371	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	6068	1.658	ng/ul	88
5) Naphthalene	10.601	128	7186	0.308	ng/ul	99
7) 2-Methylnaphthalene	12.223	142	4465	0.308	ng/ul	99
8) 1-Methylnaphthalene	12.437	142	4497	0.306	ng/ul	100
10) Acenaphthylene	14.122	152	6189	0.317	ng/ul	99
11) Acenaphthene	14.465	153	4918	0.342	ng/ul	96
12) Fluorene	15.455	166	5052	0.318	ng/ul	100
14) Pentachlorophenol	16.808	266	1677	0.614	ng/ul	99
15) Phenanthrene	17.188	178	7824	0.343	ng/ul	99
16) Anthracene	17.281	178	7210	0.340	ng/ul	98
19) Fluoranthene	19.207	202	9109	0.337	ng/ul#	94
20) Pyrene	19.569	202	9750	0.345	ng/ul#	92
21) Benzo(a)anthracene	21.318	228	9125	0.359	ng/ul	97
22) Chrysene	21.371	228	9178	0.353	ng/ul	96
24) Benzo(b)fluoranthene	22.926	252	9135	0.360	ng/ul	83
25) Benzo(k)fluoranthene	22.970	252	9363	0.351	ng/ul#	84
26) Benzo(a)pyrene	23.513	252	8409	0.367	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.923	276	10268	0.339	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.940	278	8056	0.345	ng/ul#	88
29) Benzo(g,h,i)perylene	26.634	276	7965	0.338	ng/ul	94

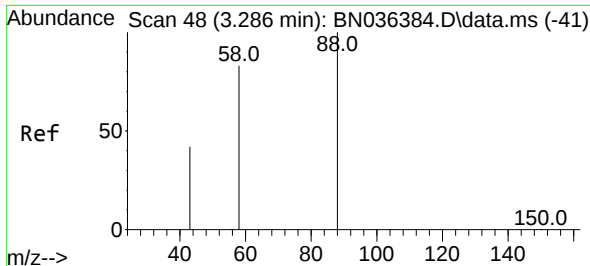
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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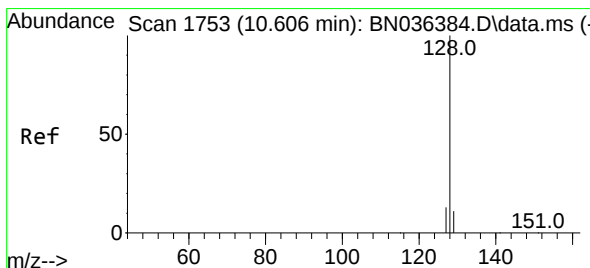
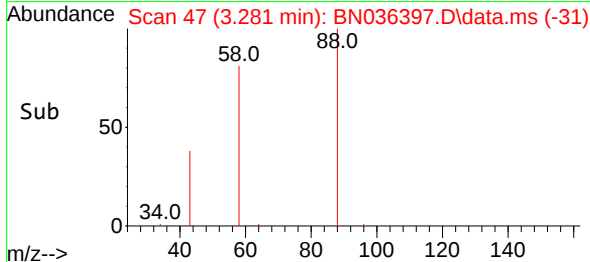
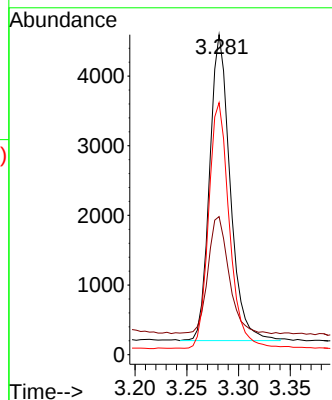
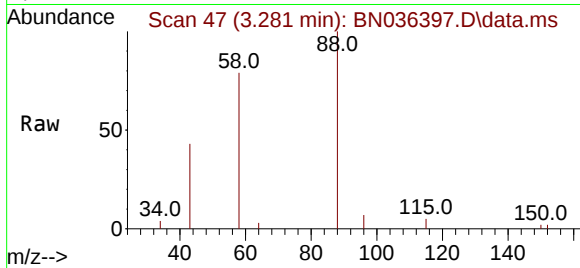


#2
 1,4-Dioxane
 Concen: 1.658 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN036397.D
 Acq: 08 Feb 2025 06:02

Instrument :
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 ClientSampleId :
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Tgt Ion: 88 Resp: 6068

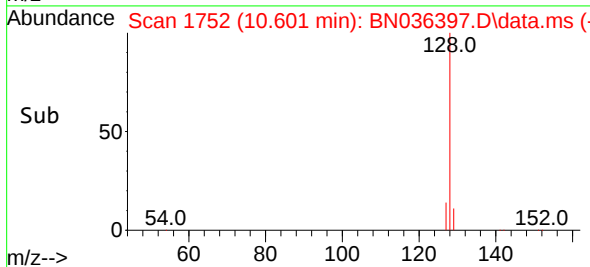
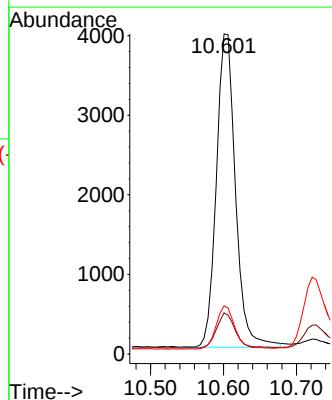
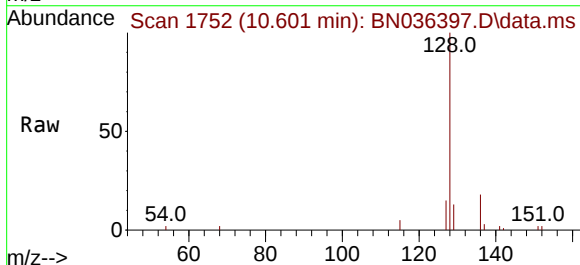
Ion	Ratio	Lower	Upper
88	100		
43	43.2	40.7	61.1
58	78.8	55.2	82.8

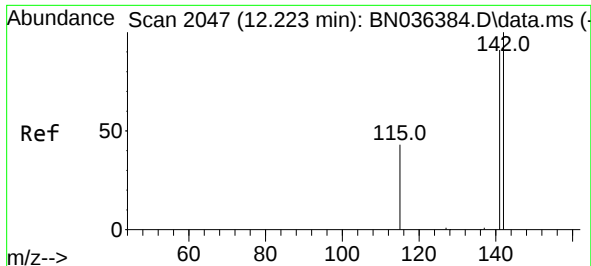


#5
 Naphthalene
 Concen: 0.308 ng/ul
 RT: 10.601 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN036397.D
 Acq: 08 Feb 2025 06:02

Tgt Ion: 128 Resp: 7186

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.6	14.4
127	15.0	12.0	18.0

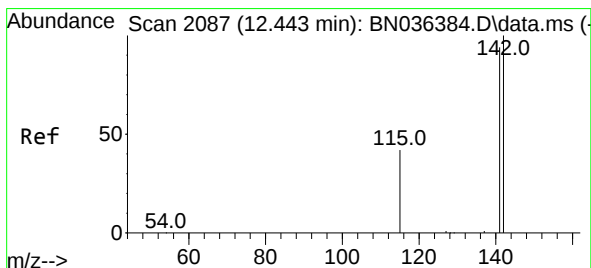
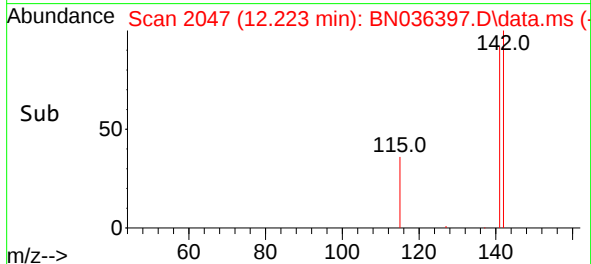
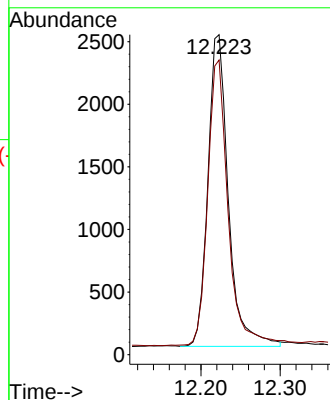
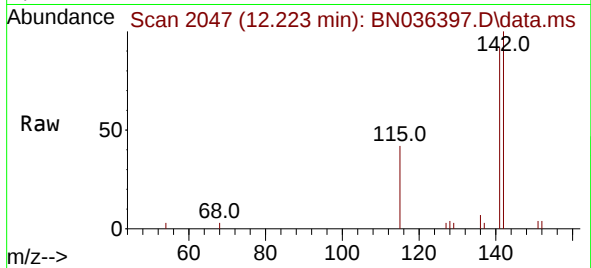




#7
2-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.223 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

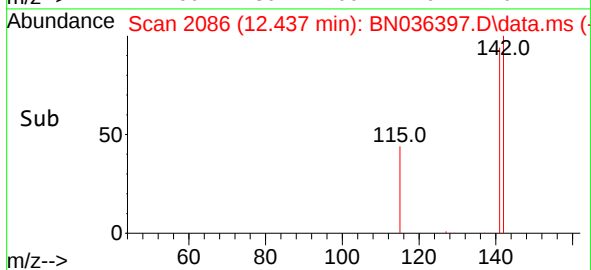
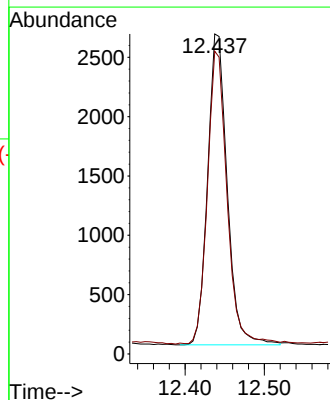
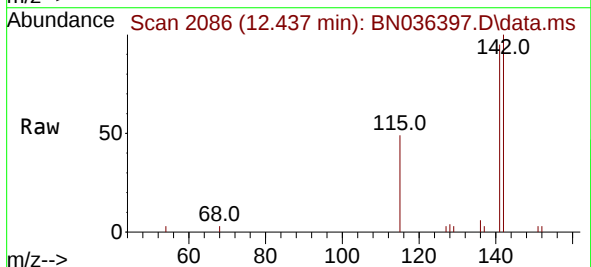
Instrument :
BNA_N
ClientSampleId :
SLCS498

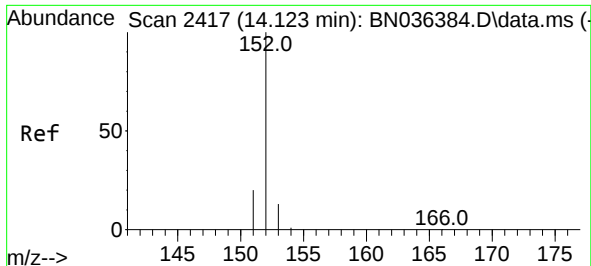
Tgt Ion:142 Resp: 4465
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.306 ng/ul
RT: 12.437 min Scan# 2086
Delta R.T. -0.011 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:142 Resp: 4497
Ion Ratio Lower Upper
142 100
141 94.2 75.2 112.8

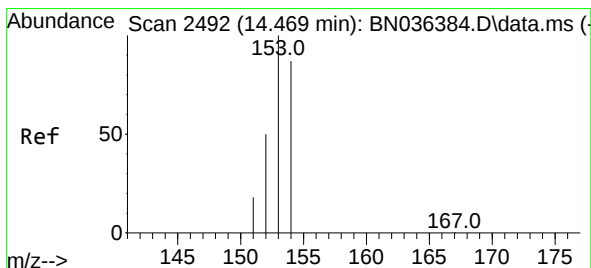
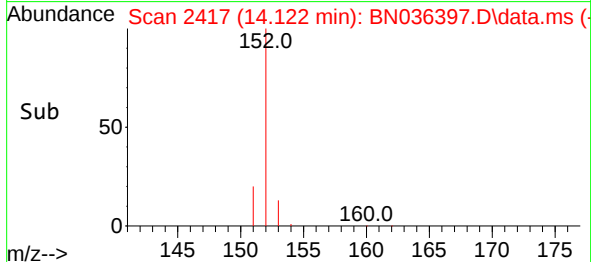
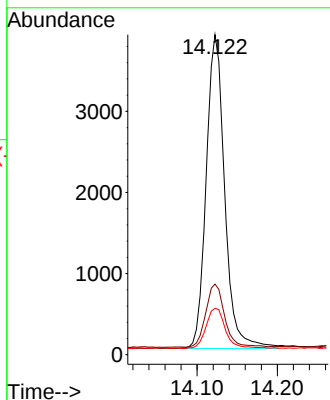
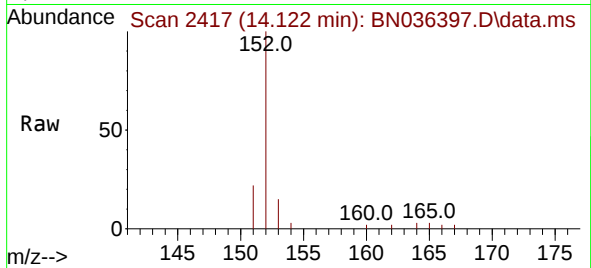




#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.122 min Scan# 2417
Delta R.T. -0.005 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

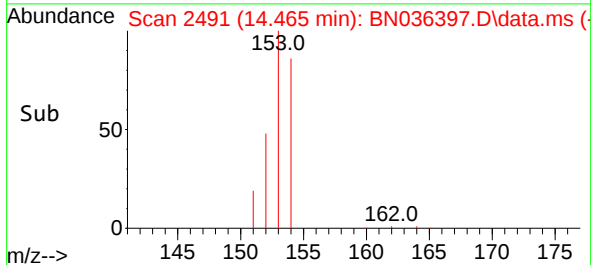
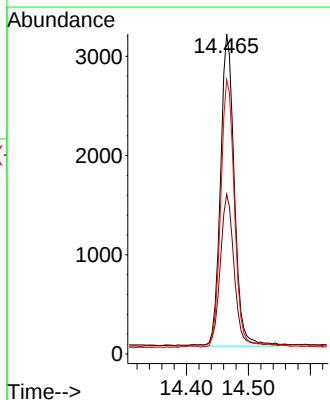
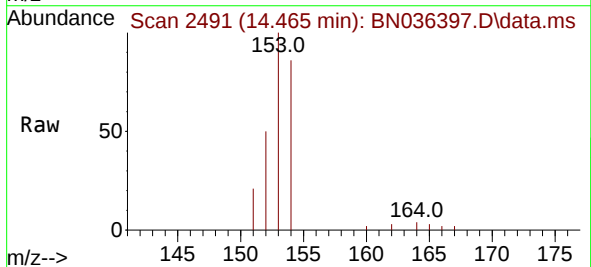
Instrument :
BNA_N
ClientSampleId :
SLCS498

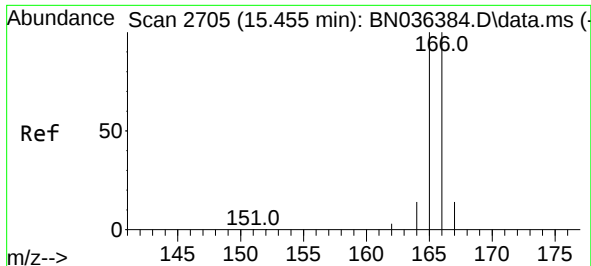
Tgt Ion:152	Resp:	6189
Ion Ratio	Lower	Upper
152	100	
151	22.1	17.4 26.2
153	14.5	11.9 17.9



#11
Acenaphthene
Concen: 0.342 ng/ul
RT: 14.465 min Scan# 2491
Delta R.T. -0.005 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:153	Resp:	4918
Ion Ratio	Lower	Upper
153	100	
152	50.0	43.2 64.8
154	85.7	70.5 105.7

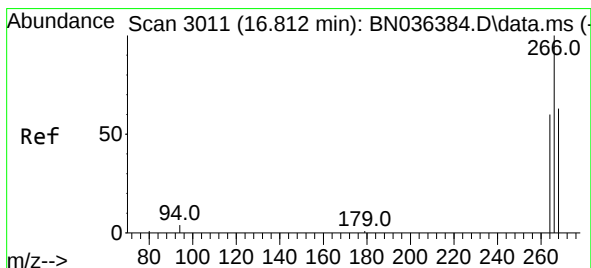
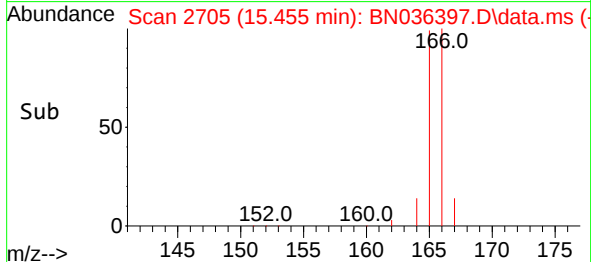
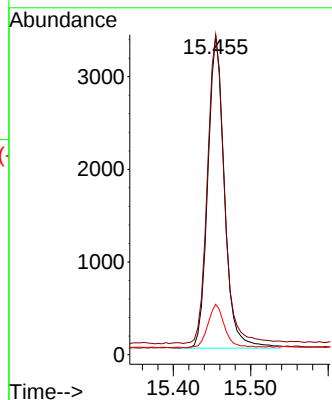
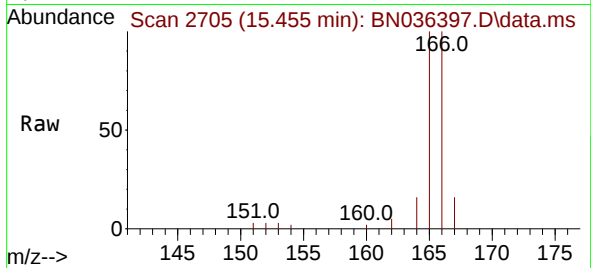




#12
 Fluorene
 Concen: 0.318 ng/ul
 RT: 15.455 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN036397.D
 Acq: 08 Feb 2025 06:02

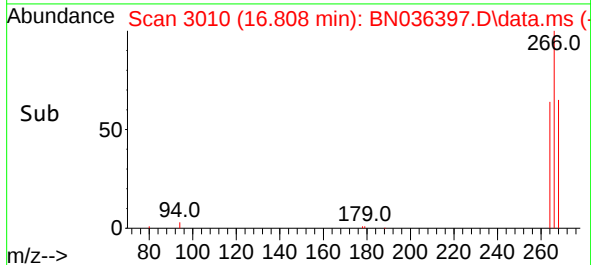
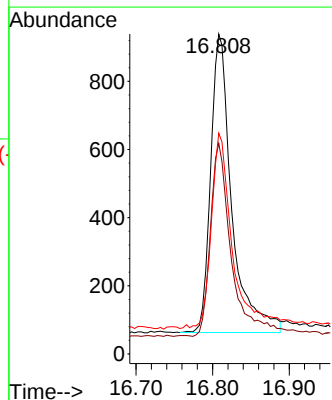
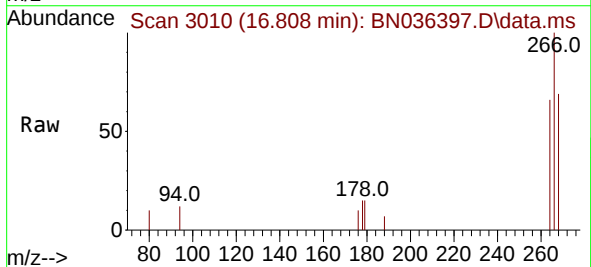
Instrument :
 BNA_N
 ClientSampleId :
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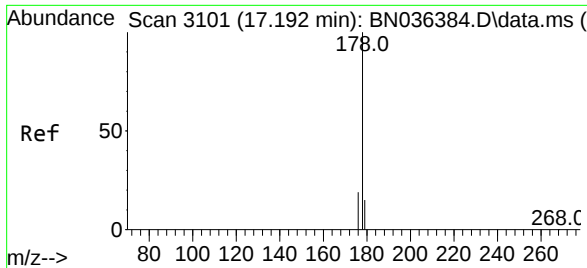
Tgt Ion:166 Resp: 5052
 Ion Ratio Lower Upper
 166 100
 165 100.4 80.3 120.5
 167 15.8 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.614 ng/ul
 RT: 16.808 min Scan# 3010
 Delta R.T. -0.004 min
 Lab File: BN036397.D
 Acq: 08 Feb 2025 06:02

Tgt Ion:266 Resp: 1677
 Ion Ratio Lower Upper
 266 100
 264 64.3 50.6 75.8
 268 64.1 50.6 75.8

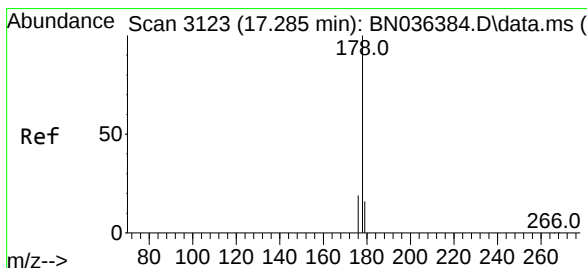
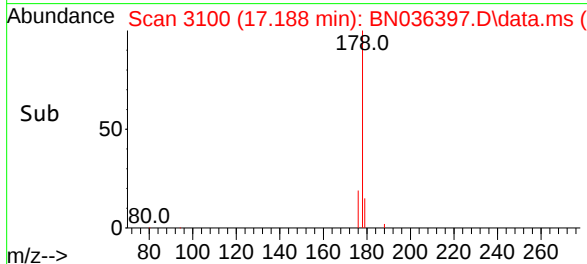
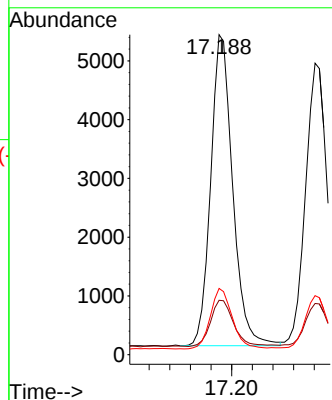
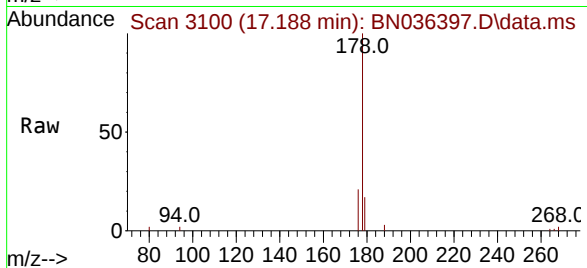




#15
Phenanthrene
Concen: 0.343 ng/ul
RT: 17.188 min Scan# 3100
Delta R.T. -0.008 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

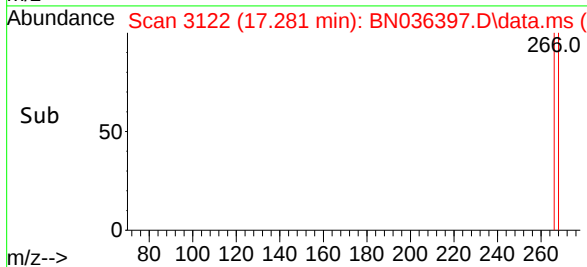
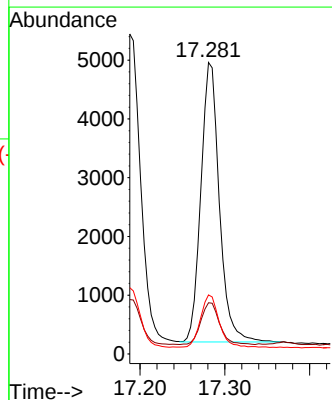
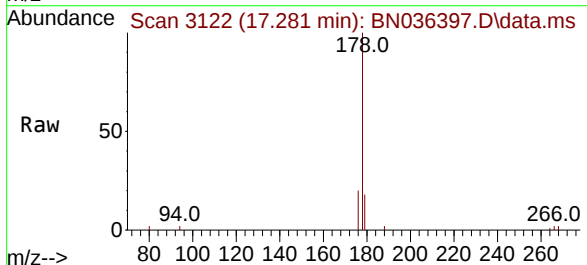
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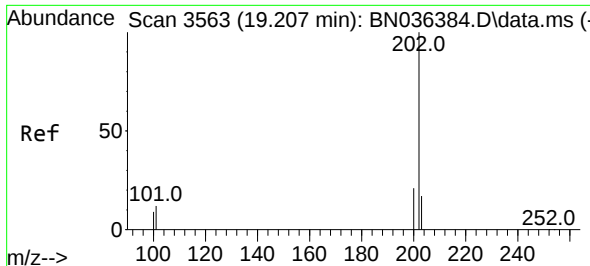
Tgt Ion:178 Resp: 7824
Ion Ratio Lower Upper
178 100
179 17.0 13.2 19.8
176 20.7 16.8 25.2



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.281 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:178 Resp: 7210
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.4
176 20.2 15.9 23.9

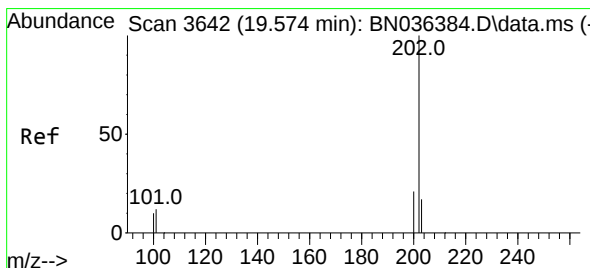
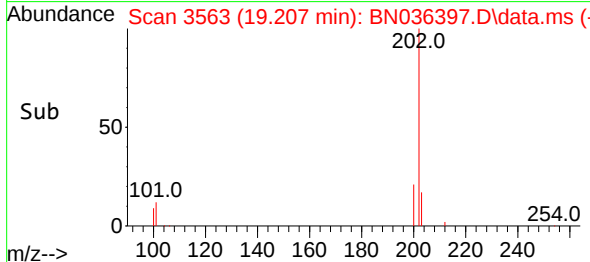
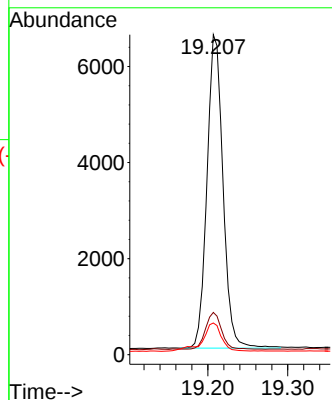
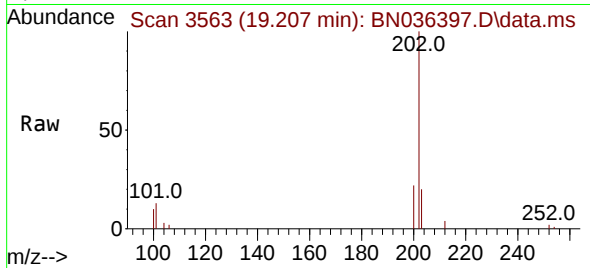




#19
Fluoranthene
Concen: 0.337 ng/ul
RT: 19.207 min Scan# 3563
Delta R.T. -0.005 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

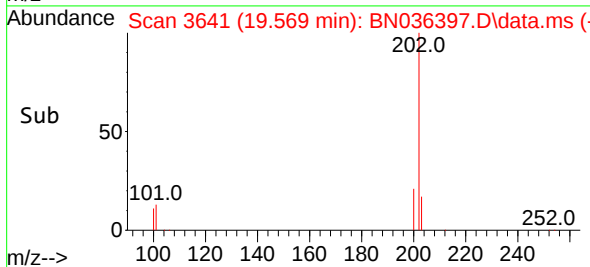
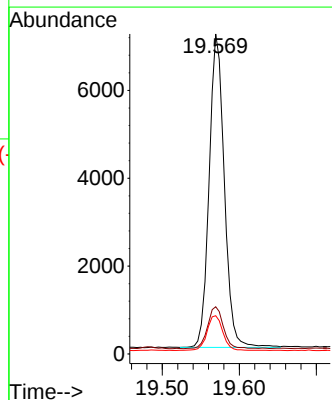
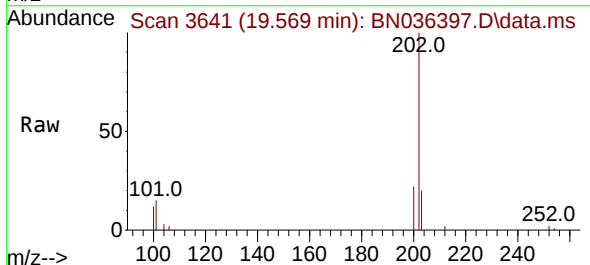
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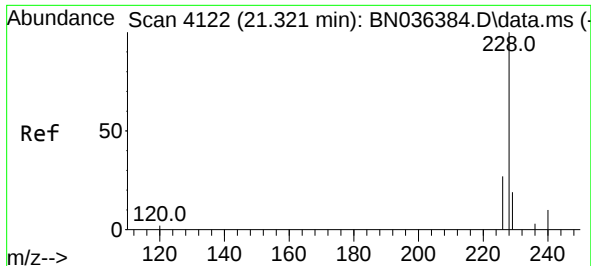
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Ion Ratio Lower Upper
202 100
101 13.2 8.4 12.6#
100 9.9 6.5 9.7#



#20
Pyrene
Concen: 0.345 ng/ul
RT: 19.569 min Scan# 3641
Delta R.T. -0.005 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:202 Resp: 9750
Ion Ratio Lower Upper
202 100
101 14.7 9.3 13.9#
100 11.9 7.5 11.3#

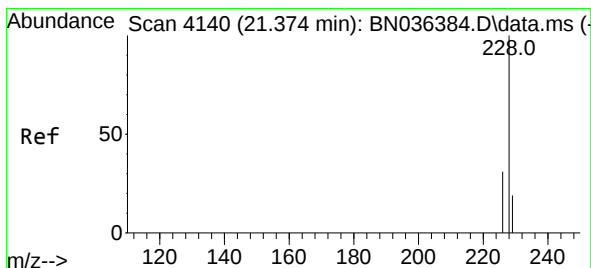
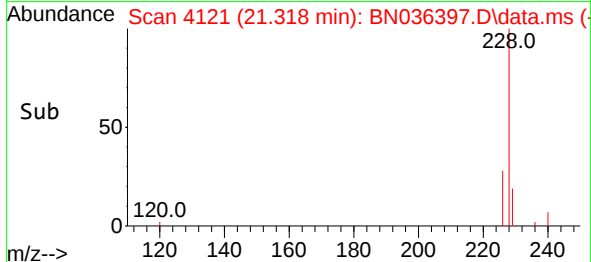
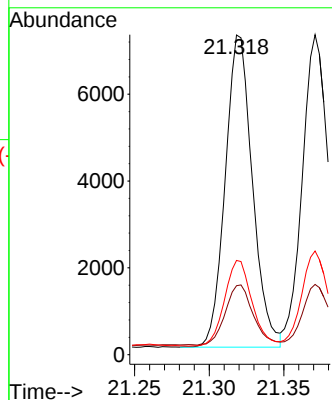
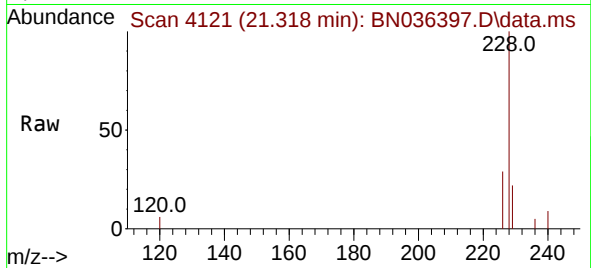




#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.318 min Scan# 4121
Delta R.T. -0.006 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

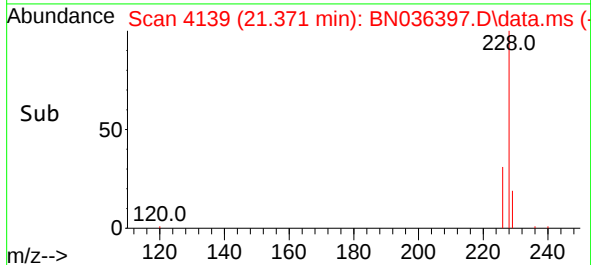
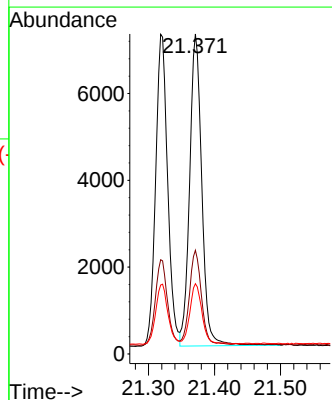
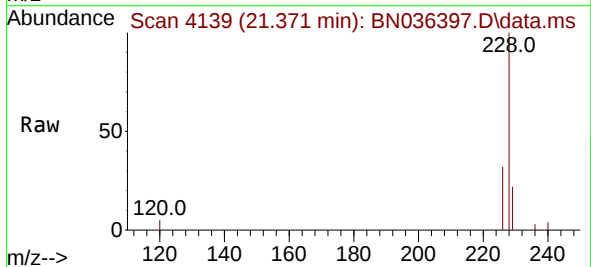
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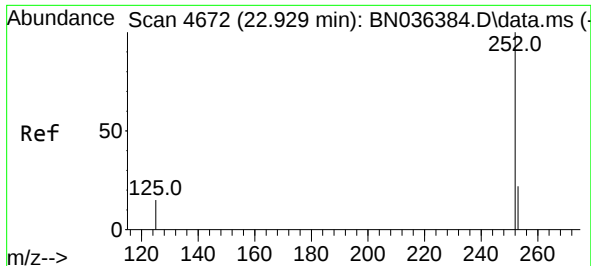
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Ion Ratio Lower Upper
228 100
229 21.6 15.9 23.9
226 29.5 22.8 34.2



#22
Chrysene
Concen: 0.353 ng/ul
RT: 21.371 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:228 Resp: 9178
Ion Ratio Lower Upper
228 100
226 32.4 24.4 36.6
229 21.9 15.9 23.9

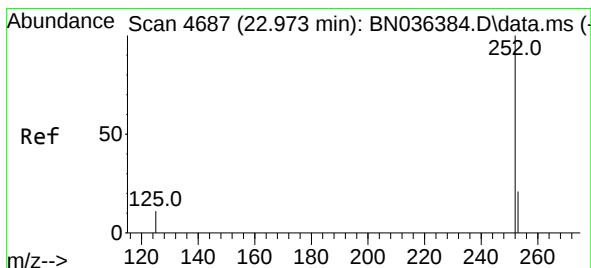
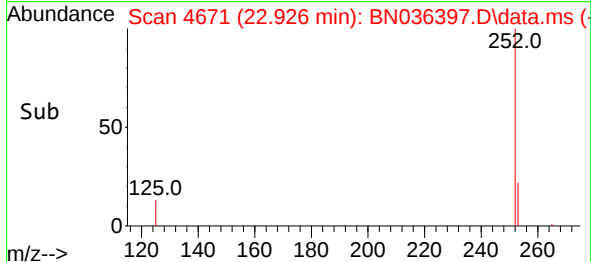
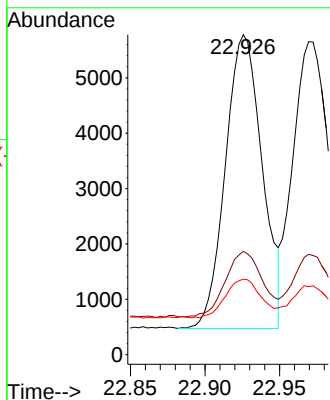
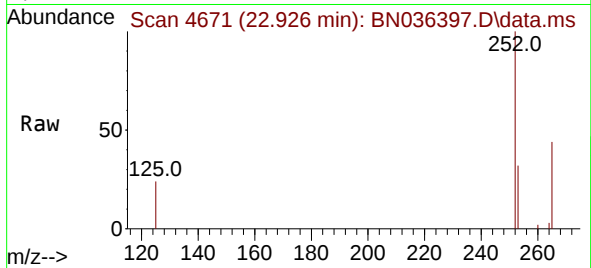




#24
Benzo(b)fluoranthene
Concen: 0.360 ng/ul
RT: 22.926 min Scan# 4671
Delta R.T. -0.006 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

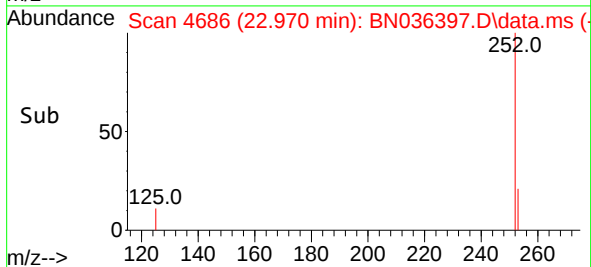
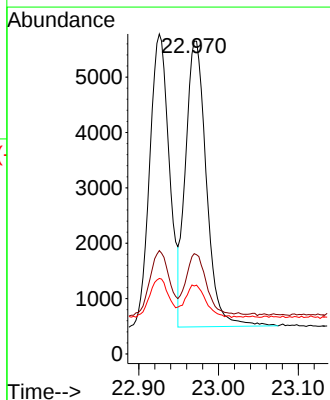
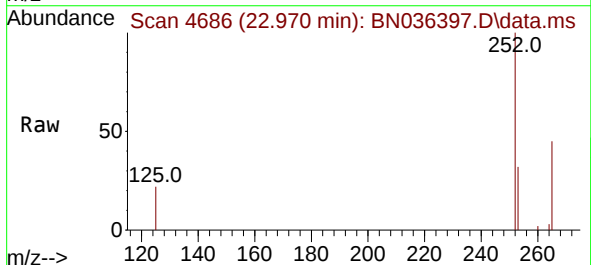
Instrument :
BNA_N
ClientSampleId :
SLCS498

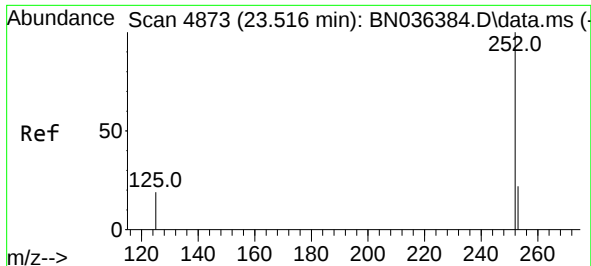
Tgt Ion:252 Resp: 9135
Ion Ratio Lower Upper
252 100
253 32.3 0.0 51.2
125 23.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 22.970 min Scan# 4686
Delta R.T. -0.006 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:252 Resp: 9363
Ion Ratio Lower Upper
252 100
253 32.1 20.2 30.4#
125 21.7 10.6 16.0#

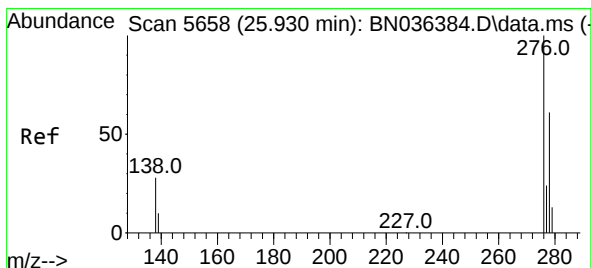
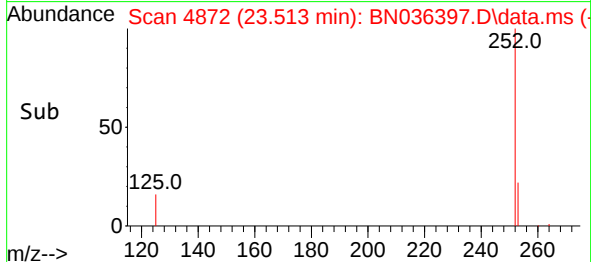
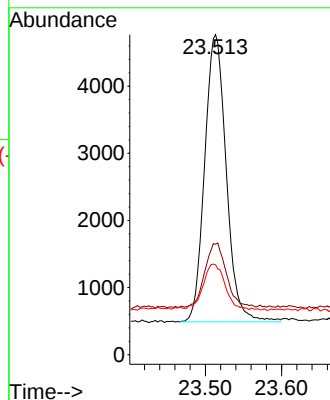
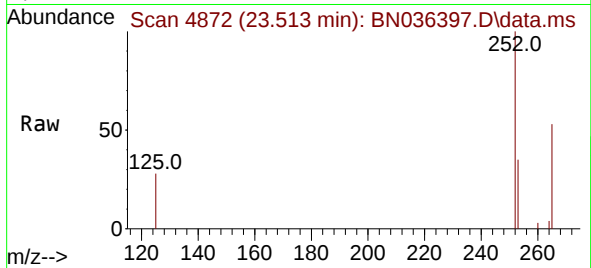




#26
Benzo(a)pyrene
Concen: 0.367 ng/ul
RT: 23.513 min Scan# 4872
Delta R.T. -0.006 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

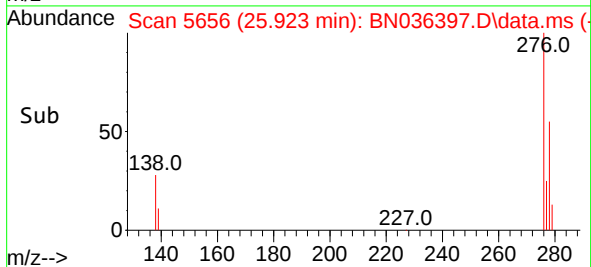
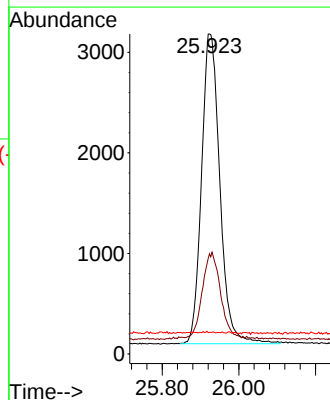
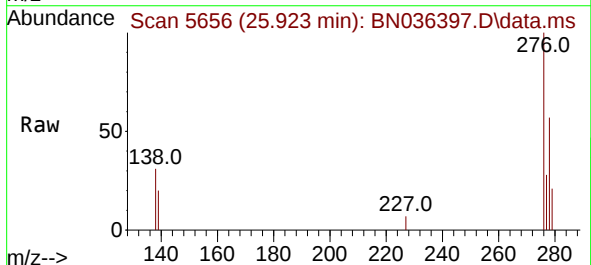
Instrument :
BNA_N
ClientSampleId :
SLCS498

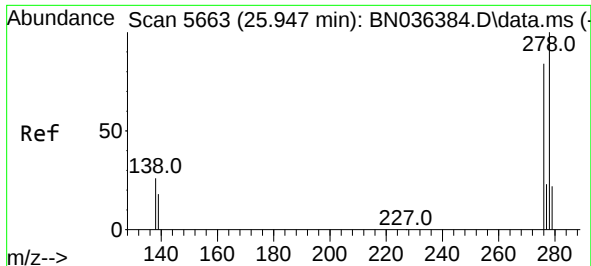
Tgt Ion:252 Resp: 8409
Ion Ratio Lower Upper
252 100
253 34.5 22.2 33.4#
125 28.1 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 25.923 min Scan# 5656
Delta R.T. -0.007 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:276 Resp: 10268
Ion Ratio Lower Upper
276 100
138 28.2 20.2 30.4
227 0.0 0.1 0.1#

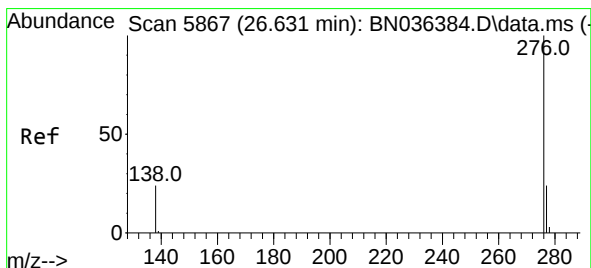
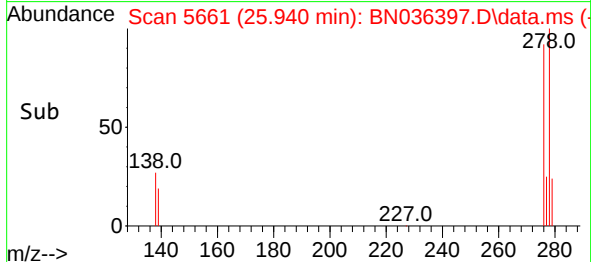
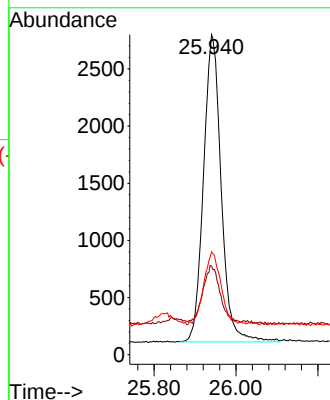
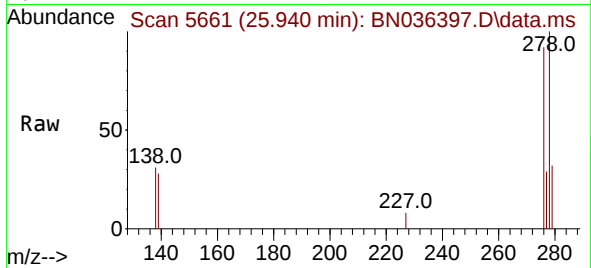




#28
Dibenzo(a,h)anthracene
Concen: 0.345 ng/ul
RT: 25.940 min Scan# 5663
Delta R.T. -0.010 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Instrument :
BNA_N
ClientSampleId :
SLCS498

Tgt Ion:278 Resp: 8056
Ion Ratio Lower Upper
278 100
139 27.7 15.4 23.2#
279 32.1 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.634 min Scan# 5868
Delta R.T. -0.003 min
Lab File: BN036397.D
Acq: 08 Feb 2025 06:02

Tgt Ion:276 Resp: 7965
Ion Ratio Lower Upper
276 100
138 28.5 19.4 29.0
277 28.2 21.1 31.7

