

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
 Data File : BN036400.D
 Acq On : 08 Feb 2025 07:50
 Operator : RC/JU
 Sample : PB166555BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS555

Quant Time: Feb 11 17:06:31 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)

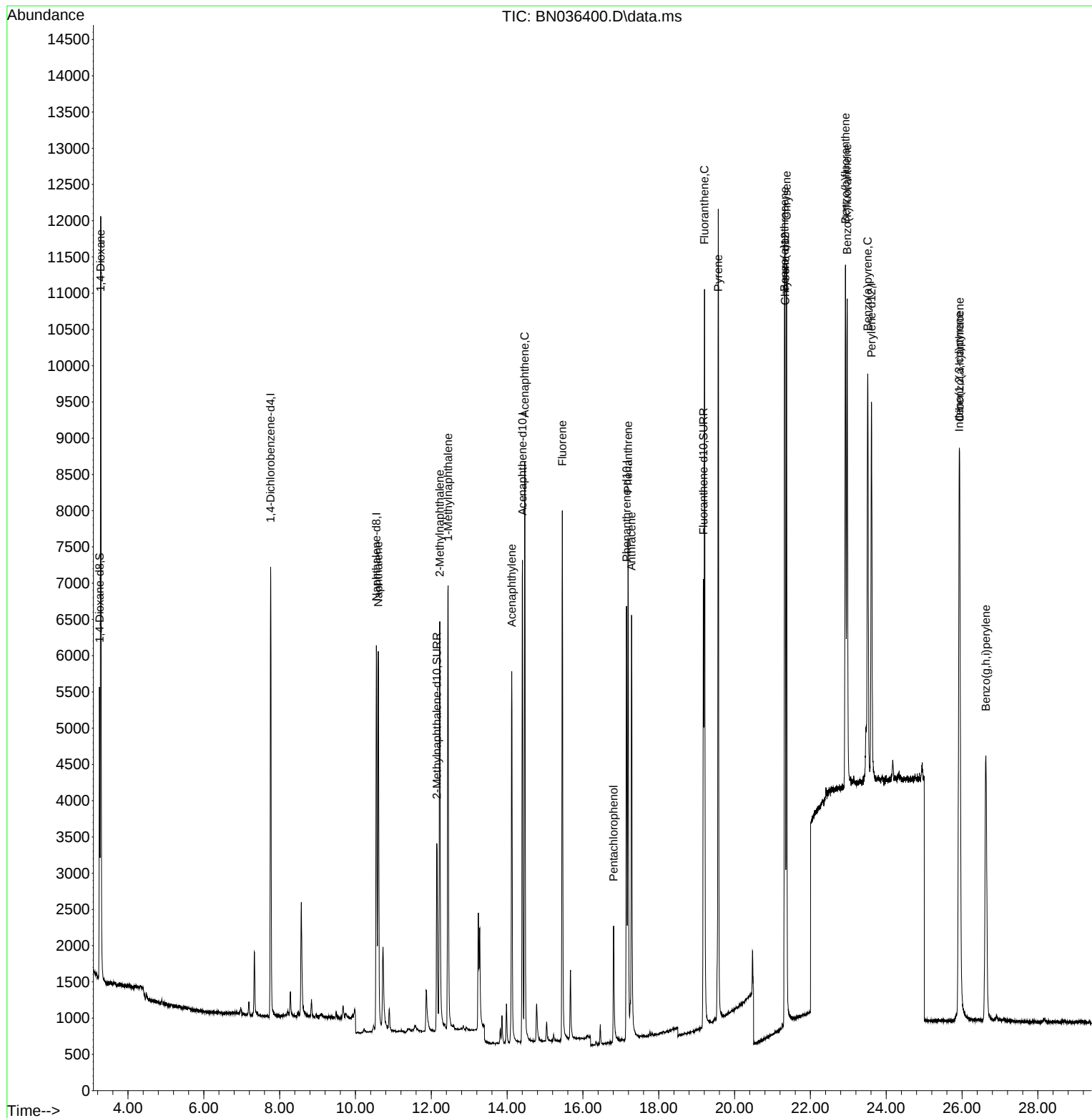
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.762	152	3167	0.400	ng/ul	0.00
4) Naphthalene-d8	10.551	136	7218	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.405	164	3946	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.150	188	7473	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.333	240	6660	0.400	ng/ul	# 0.00
23) Perylene-d12	23.610	264	7221	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2347	0.677	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.146	152	3906	0.429	ng/ul	-0.01
18) Fluoranthene-d10	19.179	212	7485	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.281	88	6242	1.686	ng/ul	86
5) Naphthalene	10.601	128	7411	0.373	ng/ul	99
7) 2-Methylnaphthalene	12.223	142	4546	0.368	ng/ul	100
8) 1-Methylnaphthalene	12.443	142	4678	0.373	ng/ul	100
10) Acenaphthylene	14.123	152	6180	0.332	ng/ul	99
11) Acenaphthene	14.465	153	4795	0.350	ng/ul	96
12) Fluorene	15.455	166	5001	0.331	ng/ul	99
14) Pentachlorophenol	16.808	266	1392	0.532	ng/ul	99
15) Phenanthrene	17.192	178	7742	0.354	ng/ul	99
16) Anthracene	17.281	178	6895	0.339	ng/ul	99
19) Fluoranthene	19.207	202	8986	0.355	ng/ul#	94
20) Pyrene	19.570	202	9587	0.363	ng/ul#	91
21) Benzo(a)anthracene	21.319	228	8825	0.371	ng/ul	99
22) Chrysene	21.371	228	9142	0.376	ng/ul	98
24) Benzo(b)fluoranthene	22.923	252	8987	0.373	ng/ul	86
25) Benzo(k)fluoranthene	22.970	252	9196	0.363	ng/ul#	87
26) Benzo(a)pyrene	23.514	252	8517	0.391	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	25.924	276	10336	0.359	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.937	278	7988	0.360	ng/ul#	90
29) Benzo(g,h,i)perylene	26.628	276	8118	0.363	ng/ul	94

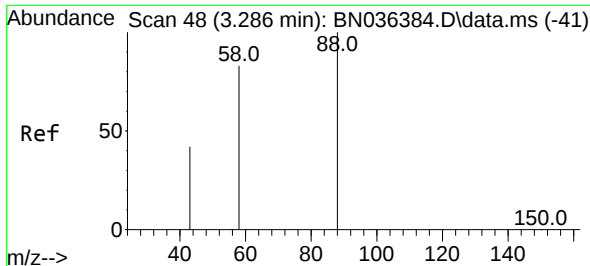
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

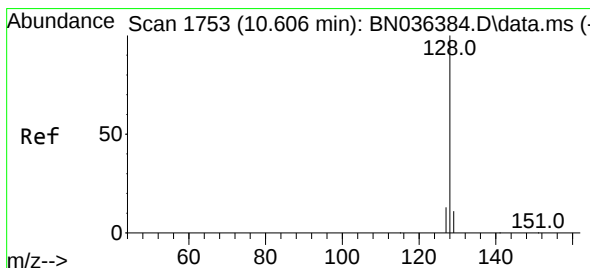
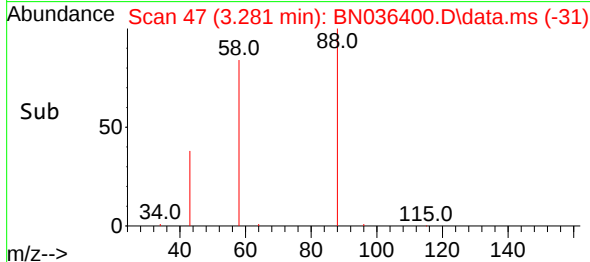
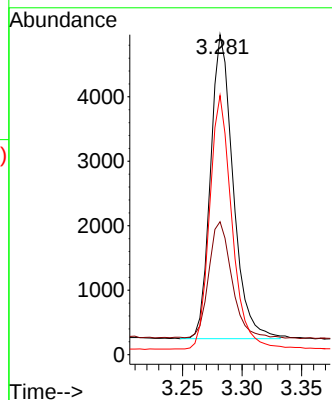
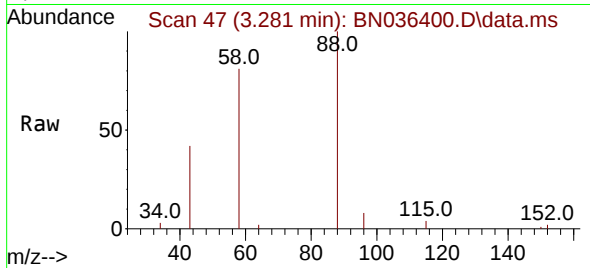




#2
 1,4-Dioxane
 Concen: 1.686 ng/ul
 RT: 3.281 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BN036400.D
 Acq: 08 Feb 2025 07:50

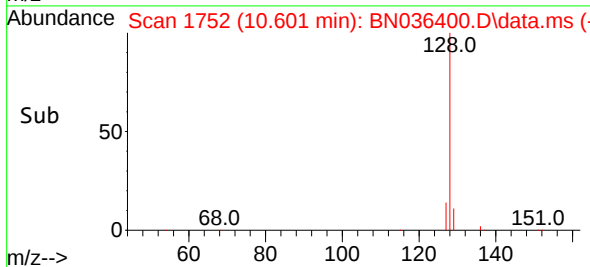
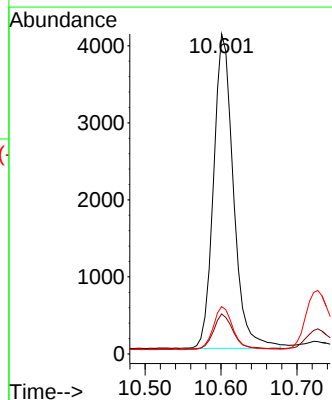
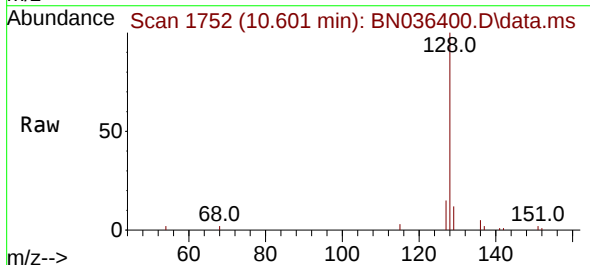
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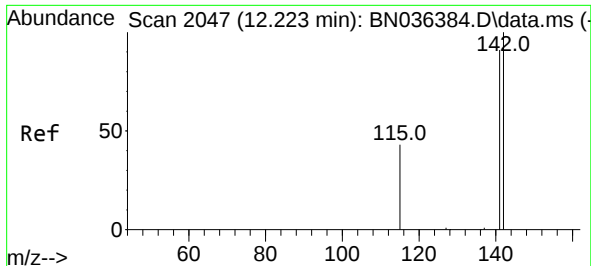
Tgt Ion: 88 Resp: 6242
 Ion Ratio Lower Upper
 88 100
 43 41.6 40.7 61.1
 58 81.0 55.2 82.8



#5
 Naphthalene
 Concen: 0.373 ng/ul
 RT: 10.601 min Scan# 1752
 Delta R.T. -0.005 min
 Lab File: BN036400.D
 Acq: 08 Feb 2025 07:50

Tgt Ion: 128 Resp: 7411
 Ion Ratio Lower Upper
 128 100
 129 12.5 9.6 14.4
 127 14.8 12.0 18.0

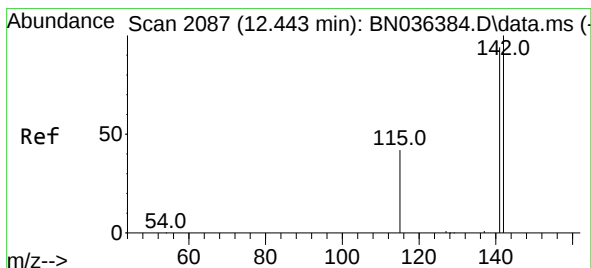
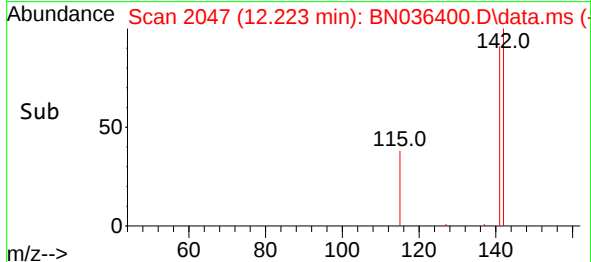
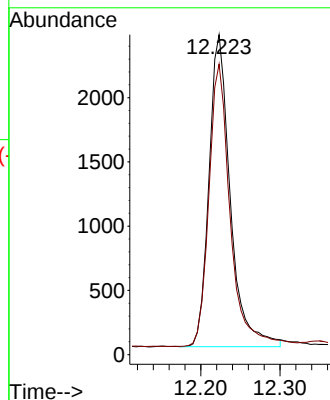
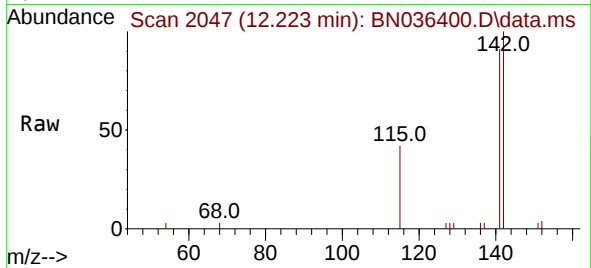




#7
2-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.223 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

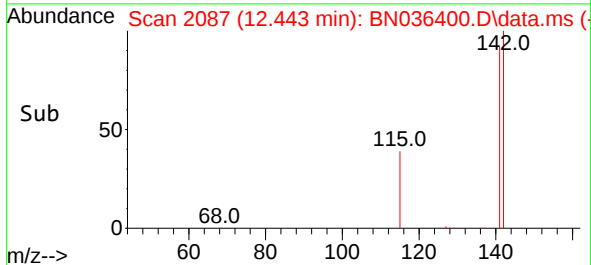
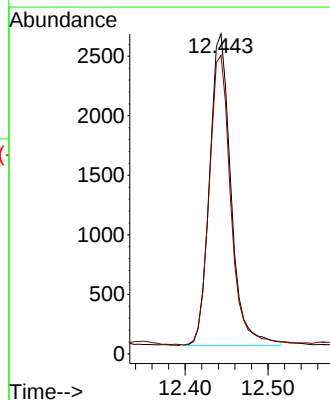
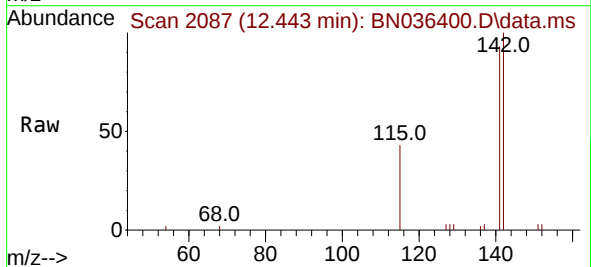
Instrument :
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ClientSampleId :
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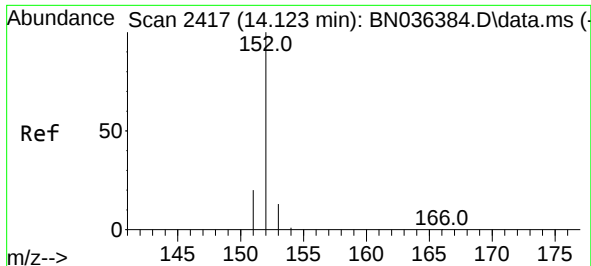
Tgt Ion:142 Resp: 4546
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:142 Resp: 4678
Ion Ratio Lower Upper
142 100
141 94.0 75.2 112.8

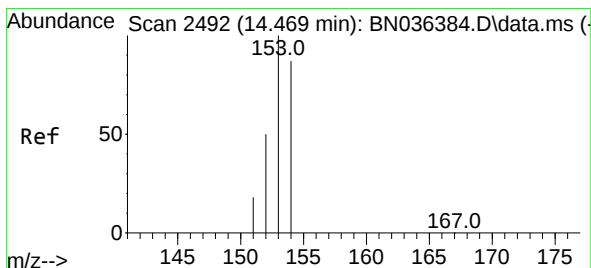
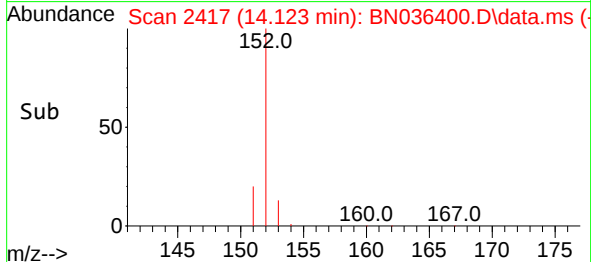
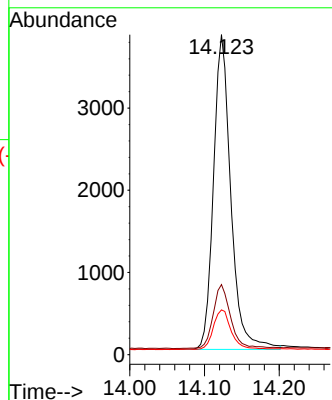
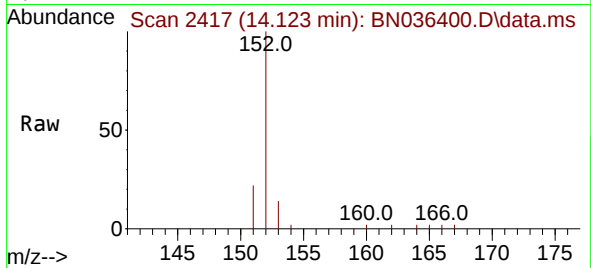




#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.123 min Scan# 2417
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

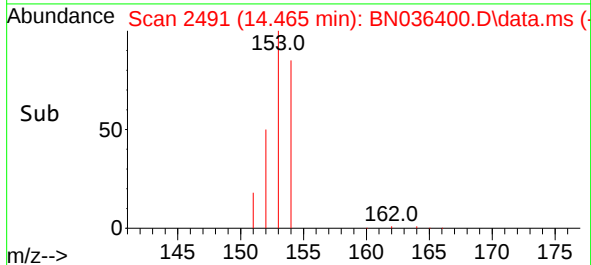
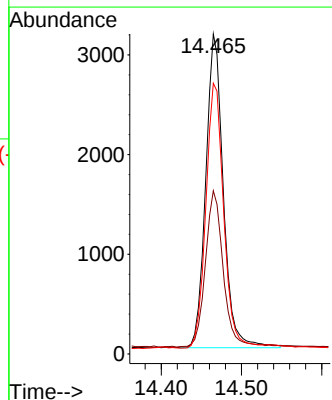
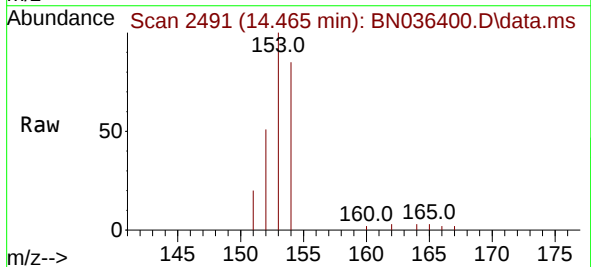
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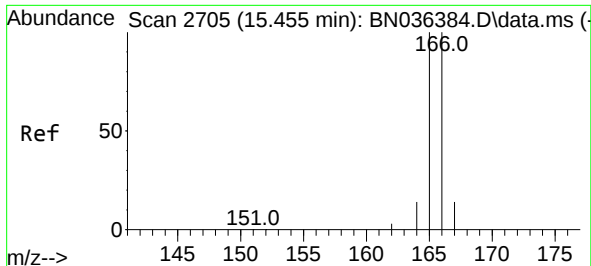
Tgt Ion:152 Resp: 6180
Ion Ratio Lower Upper
152 100
151 21.9 17.4 26.2
153 14.0 11.9 17.9



#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.465 min Scan# 2491
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:153 Resp: 4795
Ion Ratio Lower Upper
153 100
152 51.0 43.2 64.8
154 84.6 70.5 105.7

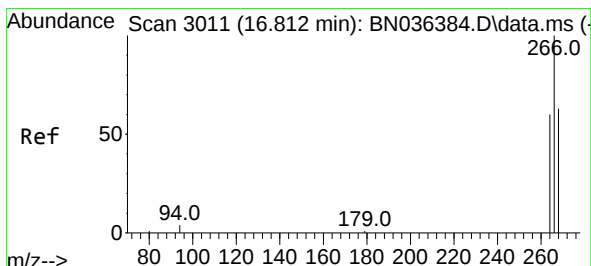
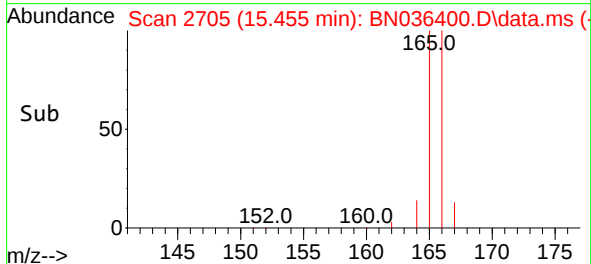
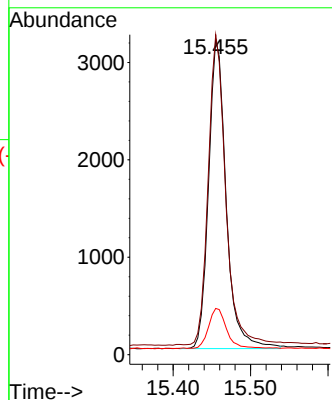
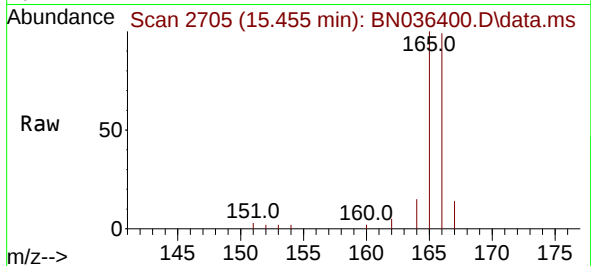




#12
Fluorene
Concen: 0.331 ng/ul
RT: 15.455 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

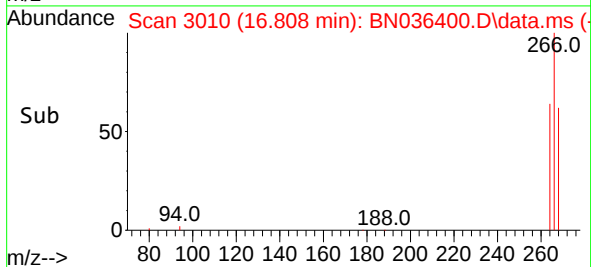
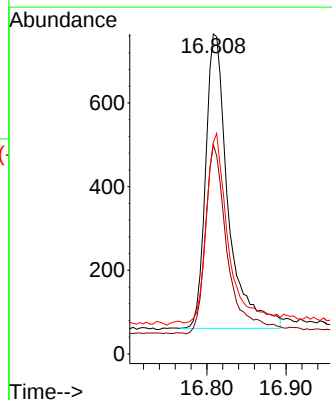
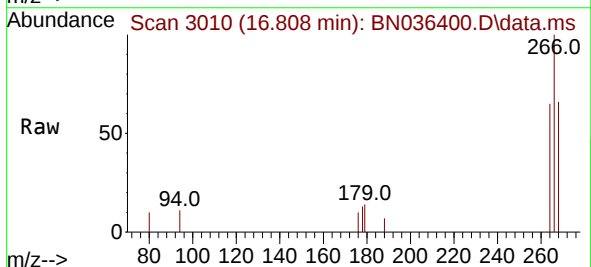
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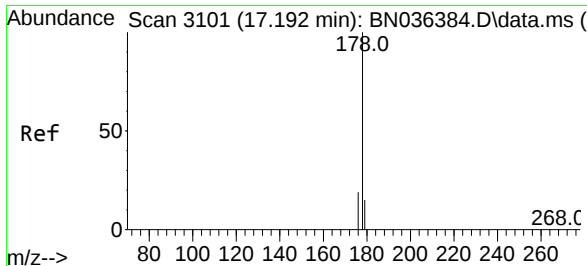
Tgt Ion:166 Resp: 5001
Ion Ratio Lower Upper
166 100
165 101.4 80.3 120.5
167 14.6 12.3 18.5



#14
Pentachlorophenol
Concen: 0.532 ng/ul
RT: 16.808 min Scan# 3010
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:266 Resp: 1392
Ion Ratio Lower Upper
266 100
264 63.1 50.6 75.8
268 62.1 50.6 75.8

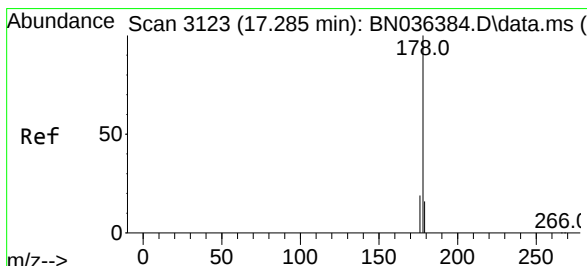
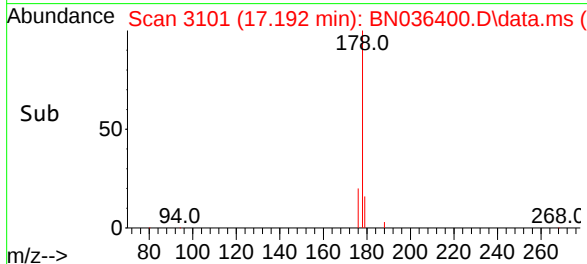
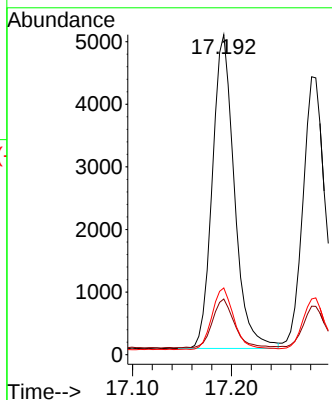
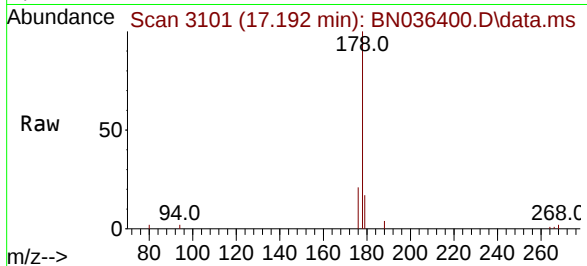




#15
Phenanthrene
Concen: 0.354 ng/u1
RT: 17.192 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

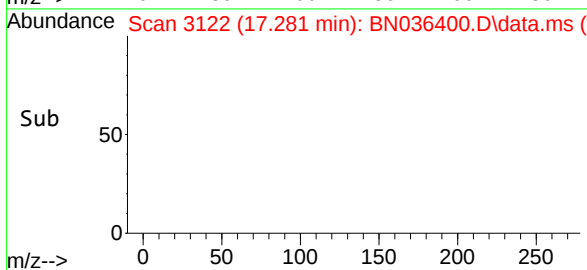
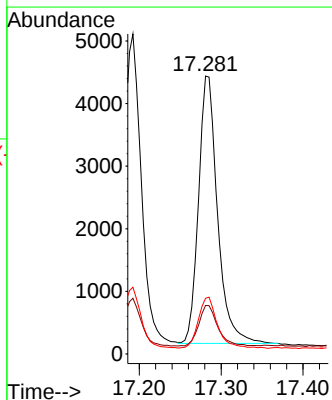
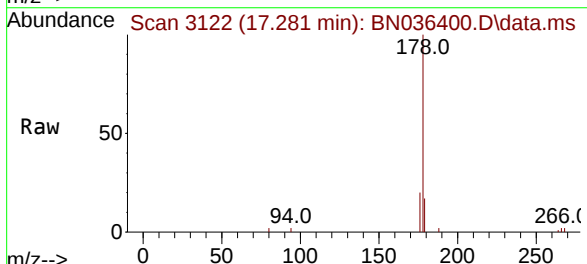
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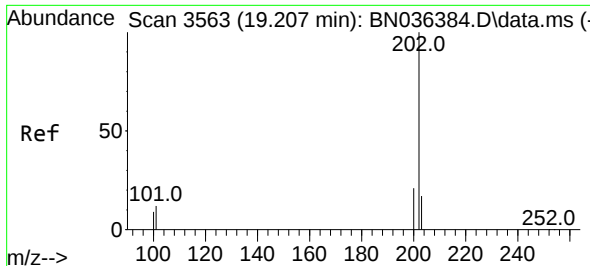
Tgt Ion:178 Resp: 7742
Ion Ratio Lower Upper
178 100
179 17.4 13.2 19.8
176 20.9 16.8 25.2



#16
Anthracene
Concen: 0.339 ng/u1
RT: 17.281 min Scan# 3122
Delta R.T. -0.008 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:178 Resp: 6895
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 20.0 15.9 23.9

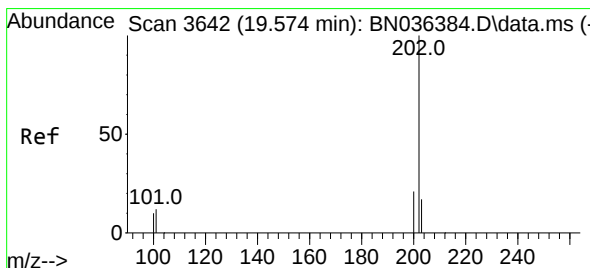
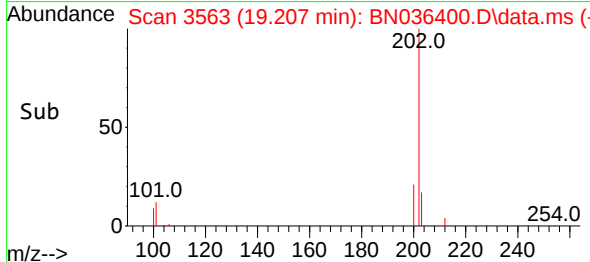
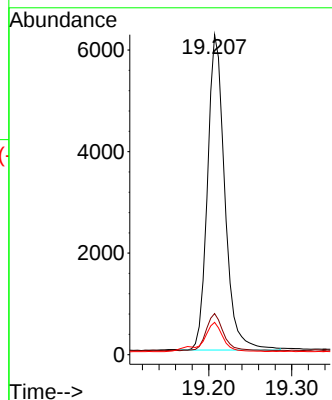
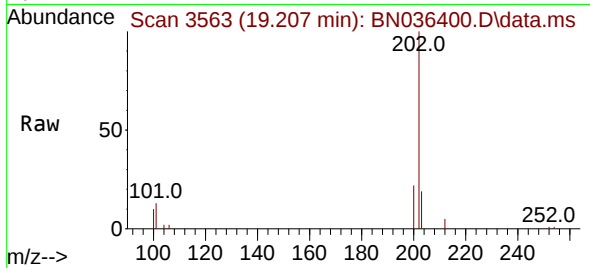




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.207 min Scan# 3563
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

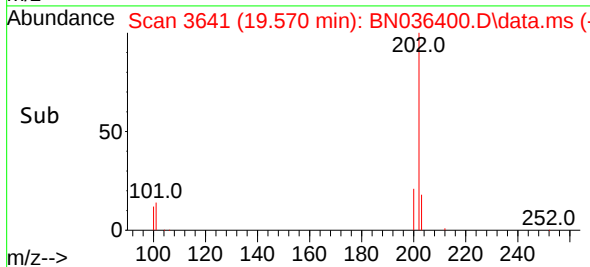
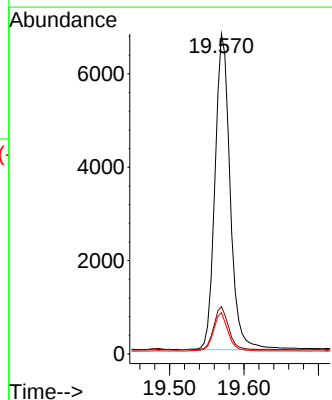
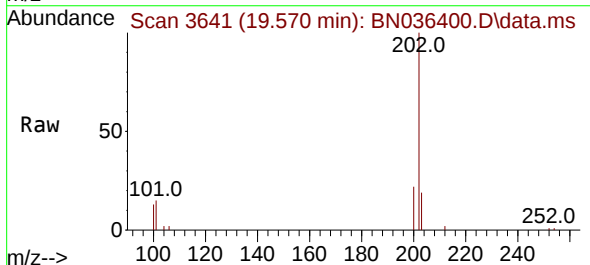
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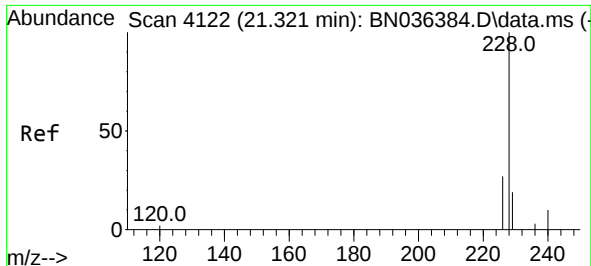
Tgt Ion:202 Resp: 8986
Ion Ratio Lower Upper
202 100
101 12.9 8.4 12.6#
100 10.1 6.5 9.7#



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.570 min Scan# 3641
Delta R.T. -0.004 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:202 Resp: 9587
Ion Ratio Lower Upper
202 100
101 14.8 9.3 13.9#
100 12.9 7.5 11.3#

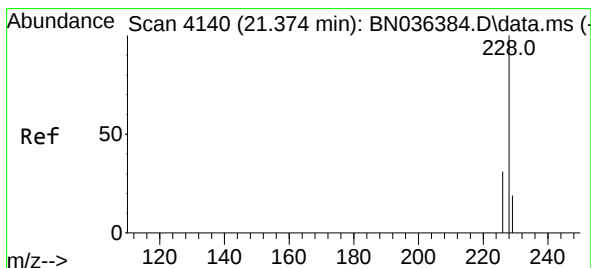
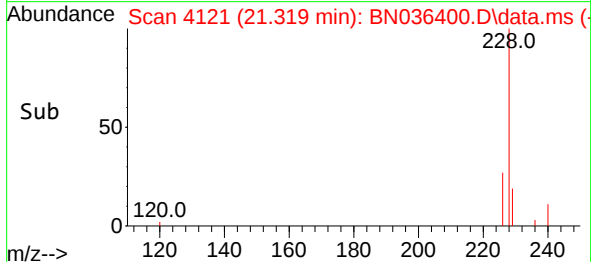
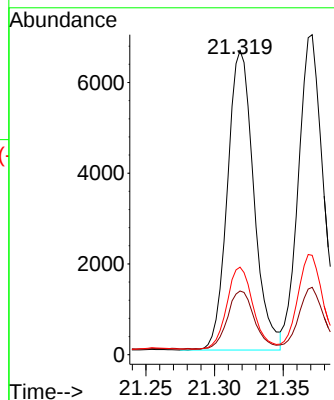
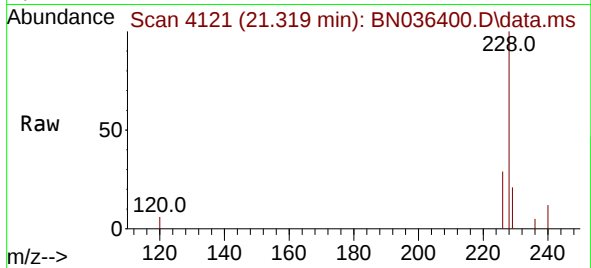




#21
Benzo(a)anthracene
Concen: 0.371 ng/ul
RT: 21.319 min Scan# 4122
Delta R.T. -0.006 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

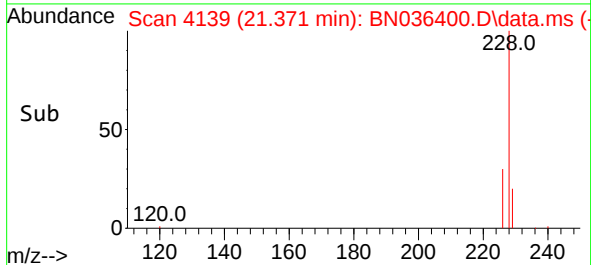
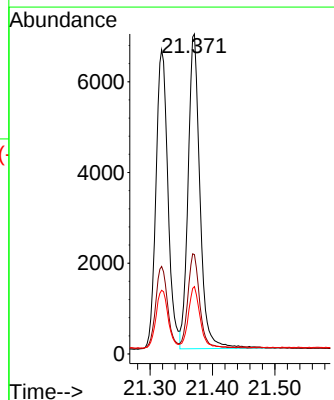
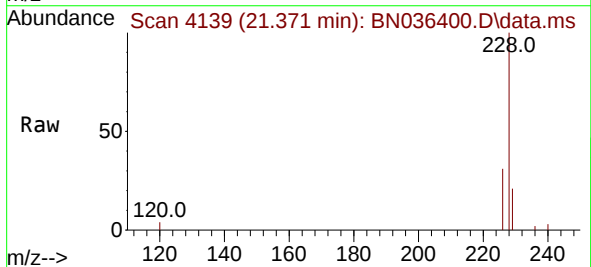
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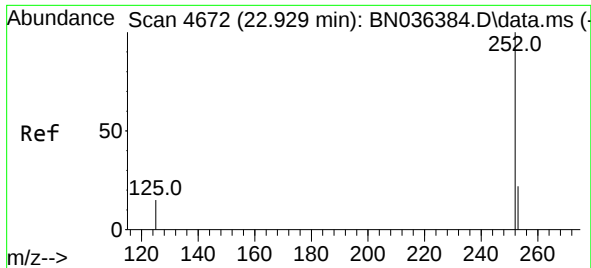
Tgt Ion:228 Resp: 8825
Ion Ratio Lower Upper
228 100
229 20.9 15.9 23.9
226 28.8 22.8 34.2



#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.371 min Scan# 4139
Delta R.T. -0.006 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:228 Resp: 9142
Ion Ratio Lower Upper
228 100
226 31.0 24.4 36.6
229 21.1 15.9 23.9

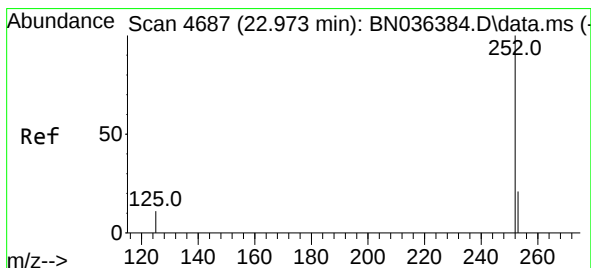
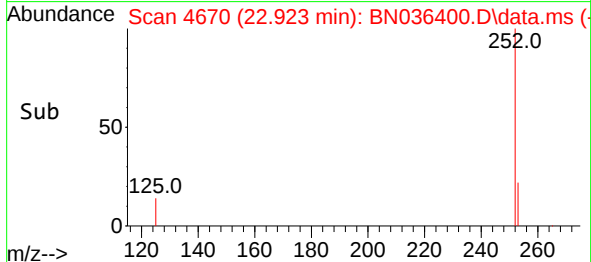
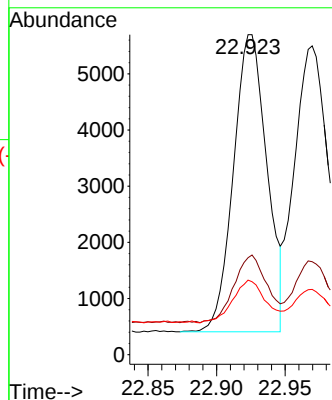
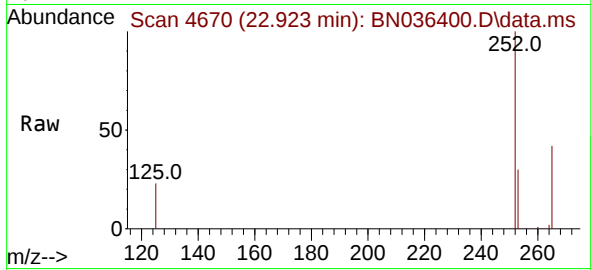




#24
Benzo(b)fluoranthene
Concen: 0.373 ng/ul
RT: 22.923 min Scan# 4670
Delta R.T. -0.009 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

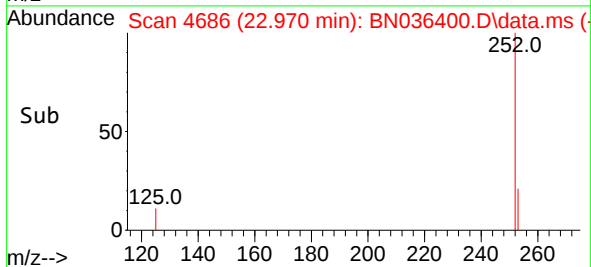
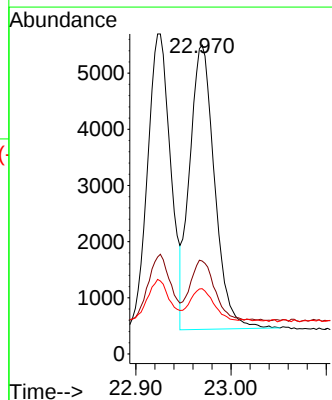
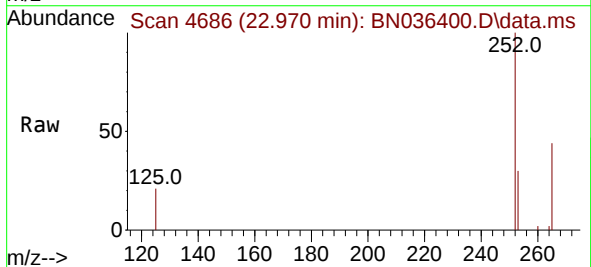
Instrument :
BNA_N
ClientSampleId :
SLCS555

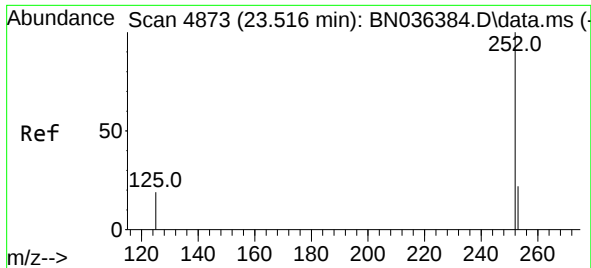
Tgt Ion:252 Resp: 8987
Ion Ratio Lower Upper
252 100
253 30.3 0.0 51.2
125 23.3 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 22.970 min Scan# 4686
Delta R.T. -0.006 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:252 Resp: 9196
Ion Ratio Lower Upper
252 100
253 30.1 20.2 30.4
125 21.1 10.6 16.0#

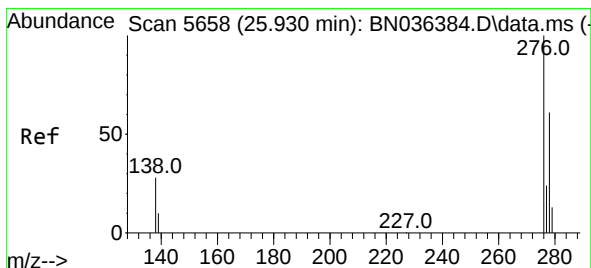
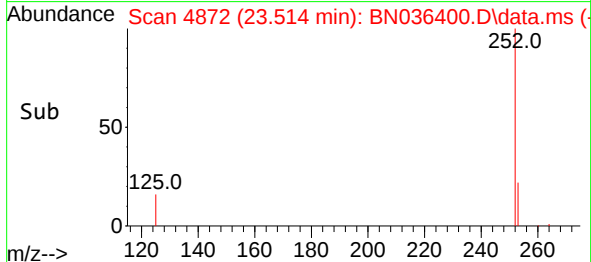
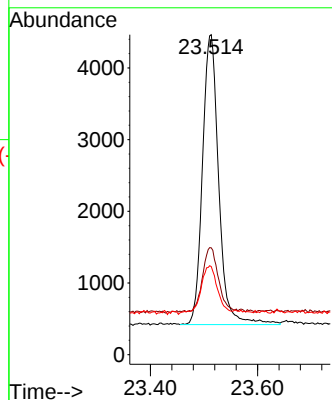
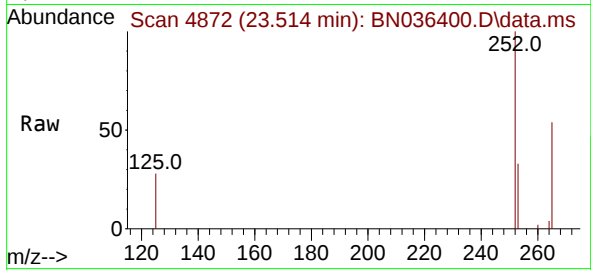




#26
Benzo(a)pyrene
Concen: 0.391 ng/ul
RT: 23.514 min Scan# 4873
Delta R.T. -0.006 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

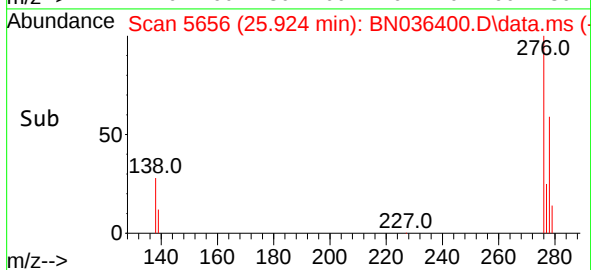
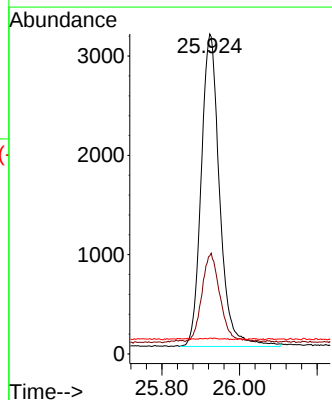
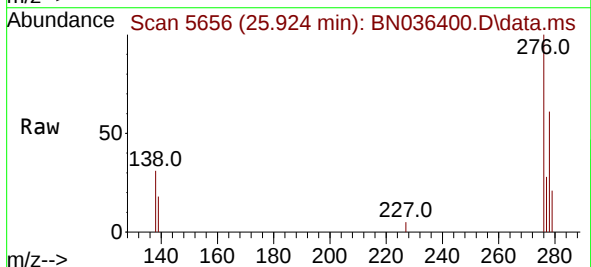
Instrument :
BNA_N
ClientSampleId :
SLCS555

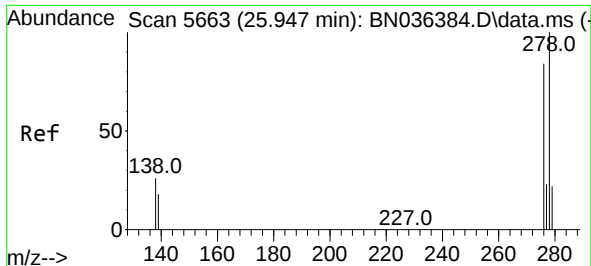
Tgt Ion:252 Resp: 8517
Ion Ratio Lower Upper
252 100
253 33.4 22.2 33.4#
125 27.6 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.359 ng/ul
RT: 25.924 min Scan# 5656
Delta R.T. -0.006 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:276 Resp: 10336
Ion Ratio Lower Upper
276 100
138 28.1 20.2 30.4
227 0.0 0.1 0.1#

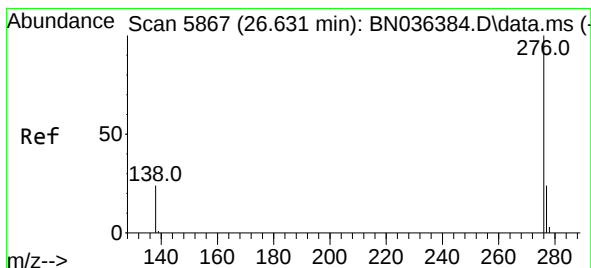
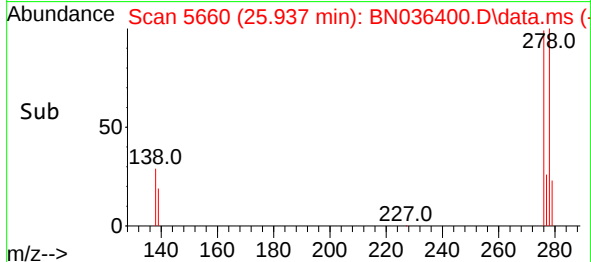
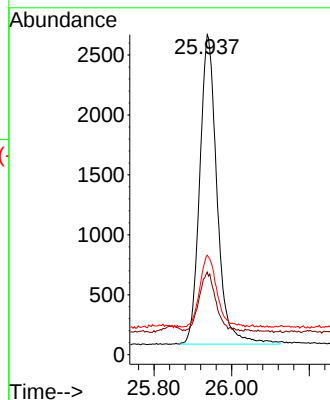
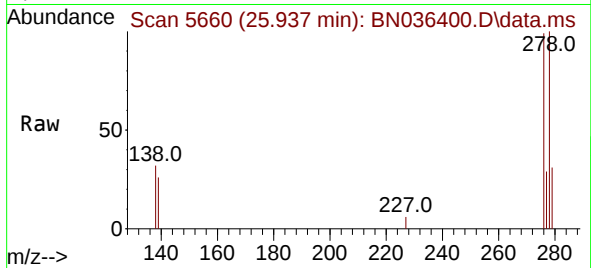




#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 25.937 min Scan# 5660
Delta R.T. -0.013 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Instrument :
BNA_N
ClientSampleId :
SLCS555

Tgt Ion:278 Resp: 7988
Ion Ratio Lower Upper
278 100
139 25.8 15.4 23.2#
279 31.1 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.363 ng/ul
RT: 26.628 min Scan# 5866
Delta R.T. -0.010 min
Lab File: BN036400.D
Acq: 08 Feb 2025 07:50

Tgt Ion:276 Resp: 8118
Ion Ratio Lower Upper
276 100
138 29.0 19.4 29.0
277 27.4 21.1 31.7

