

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036055.D
 Acq On : 28 Jan 2025 02:13
 Operator : RC/JU
 Sample : PB166246BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS246

Quant Time: Jan 28 02:45:58 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)

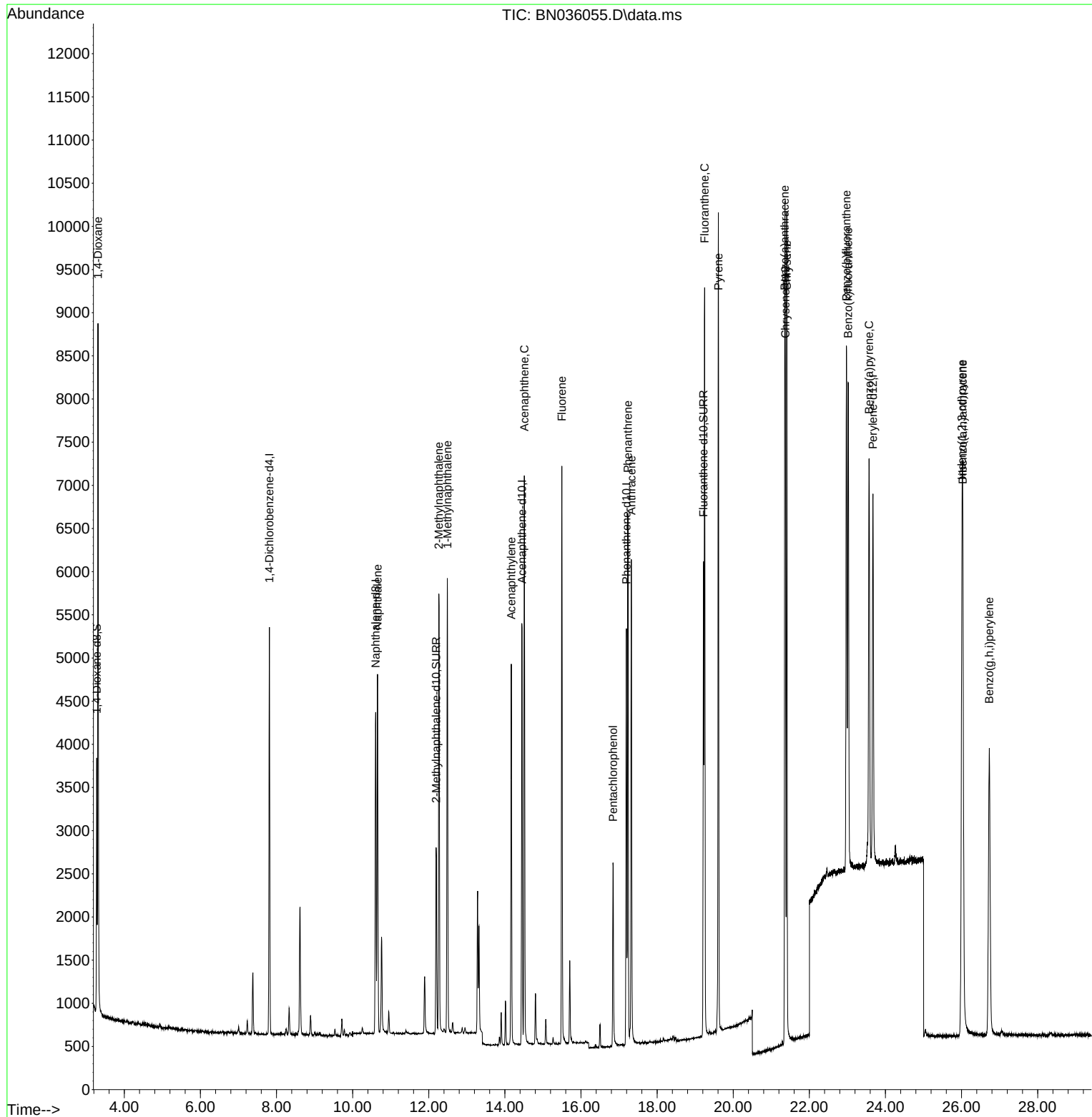
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2261	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4935	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	2743	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	5782	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	5364	0.400	ng/ul	0.00
23) Perylene-d12	23.671	264	5741	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1641	0.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	2796	0.449	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	6023	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	4651	1.760	ng/ul	89
5) Naphthalene	10.655	128	5445	0.401	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	3481	0.412	ng/ul	100
8) 1-Methylnaphthalene	12.492	142	3515	0.410	ng/ul	99
10) Acenaphthylene	14.169	152	4911	0.380	ng/ul	100
11) Acenaphthene	14.511	153	3738	0.393	ng/ul	98
12) Fluorene	15.496	166	4100	0.390	ng/ul	99
14) Pentachlorophenol	16.846	266	1494	0.738	ng/ul	100
15) Phenanthrene	17.234	178	6619	0.391	ng/ul	98
16) Anthracene	17.323	178	5978	0.380	ng/ul	99
19) Fluoranthene	19.249	202	7637	0.375	ng/ul	98
20) Pyrene	19.611	202	7937	0.373	ng/ul	99
21) Benzo(a)anthracene	21.356	228	7462	0.390	ng/ul	99
22) Chrysene	21.409	228	7763	0.397	ng/ul	99
24) Benzo(b)fluoranthene	22.975	252	7819	0.408	ng/ul	96
25) Benzo(k)fluoranthene	23.019	252	7837	0.389	ng/ul	96
26) Benzo(a)pyrene	23.569	252	7083	0.409	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.011	276	9102	0.398	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.034	278	7138	0.405	ng/ul	99
29) Benzo(g,h,i)perylene	26.728	276	7212	0.406	ng/ul	99

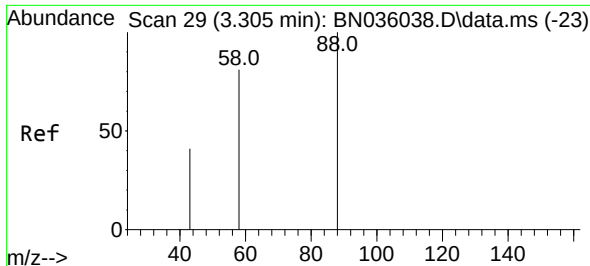
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
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QLast Update : Tue Jan 21 23:52:22 2025
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#2

1,4-Dioxane

Concen: 1.760 ng/ul

RT: 3.310 min Scan# 30

Delta R.T. -0.004 min

Lab File: BN036055.D

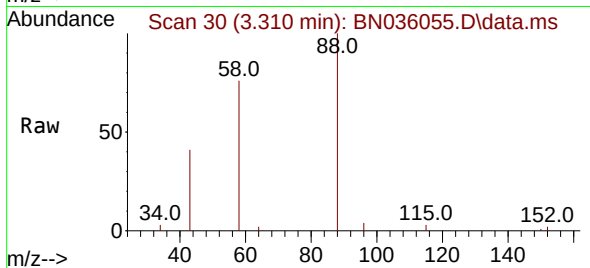
Acq: 28 Jan 2025 02:13

Instrument :

BNA_N

ClientSampleId :

SLCS246



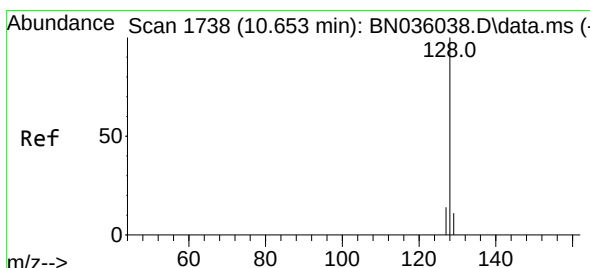
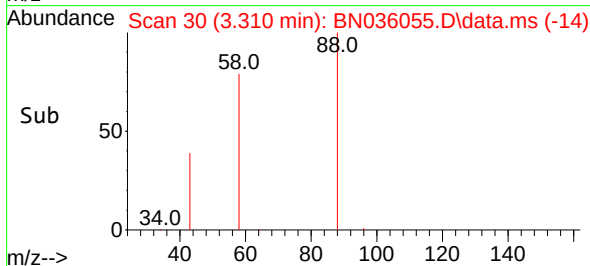
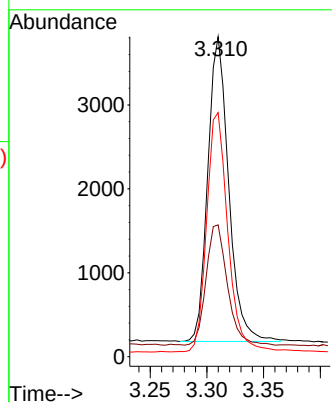
Tgt Ion: 88 Resp: 4651

Ion Ratio Lower Upper

88 100

43 41.2 40.7 61.1

58 76.3 55.2 82.8



#5

Naphthalene

Concen: 0.401 ng/ul

RT: 10.655 min Scan# 1738

Delta R.T. 0.000 min

Lab File: BN036055.D

Acq: 28 Jan 2025 02:13

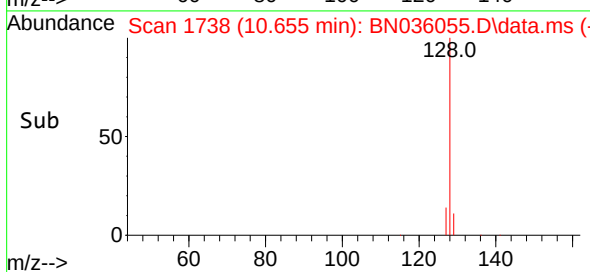
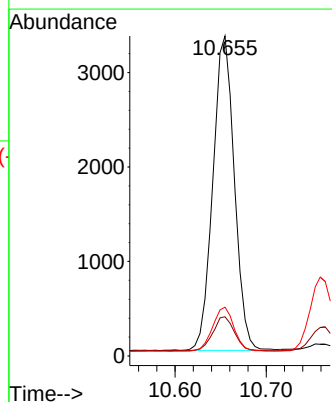
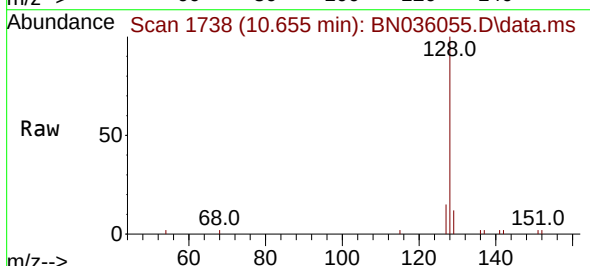
Tgt Ion:128 Resp: 5445

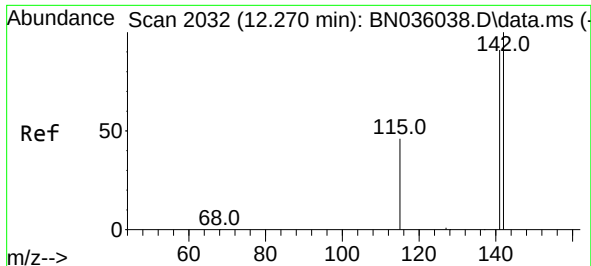
Ion Ratio Lower Upper

128 100

129 12.2 9.6 14.4

127 15.3 12.0 18.0

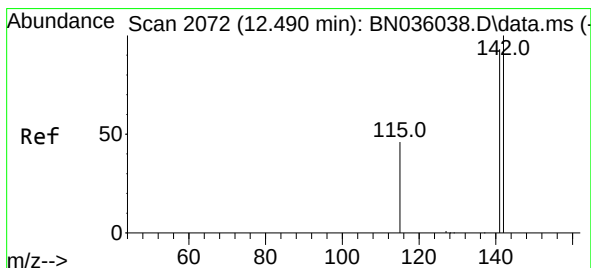
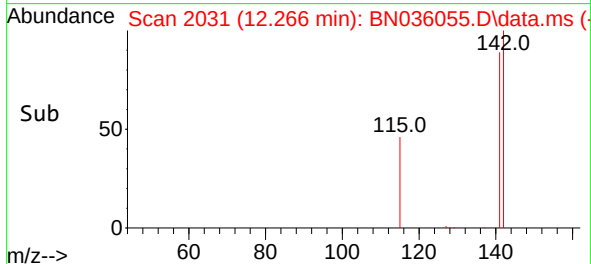
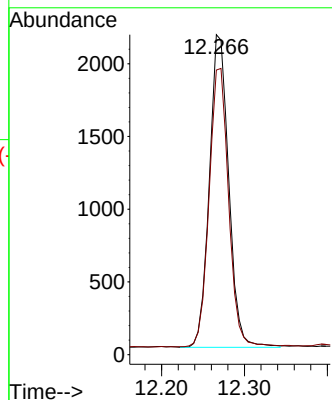
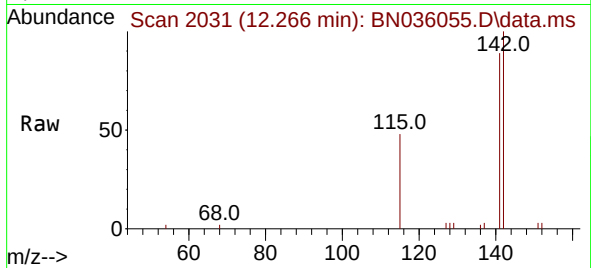




#7
2-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.266 min Scan# 2031
Delta R.T. -0.005 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

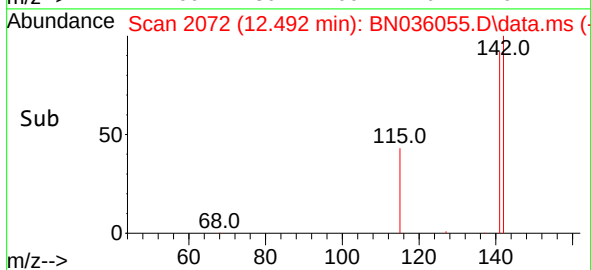
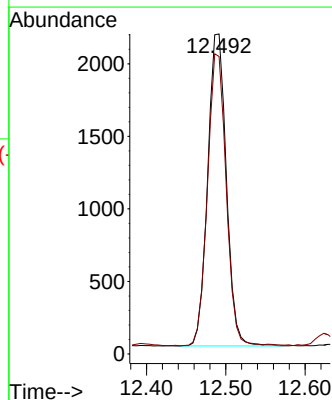
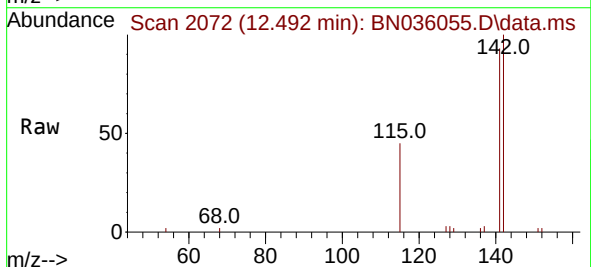
Instrument :
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SLCS246

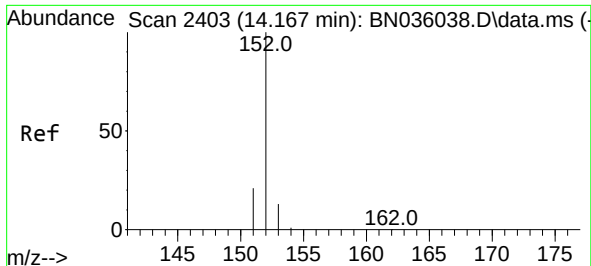
Tgt Ion:142 Resp: 3481
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.492 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:142 Resp: 3515
Ion Ratio Lower Upper
142 100
141 93.5 75.2 112.8

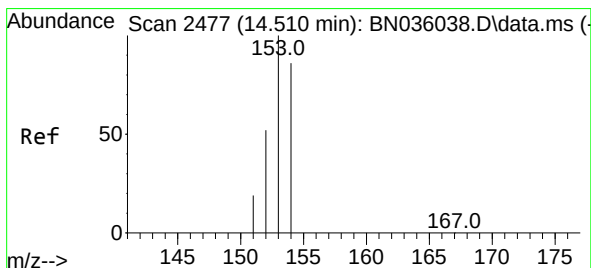
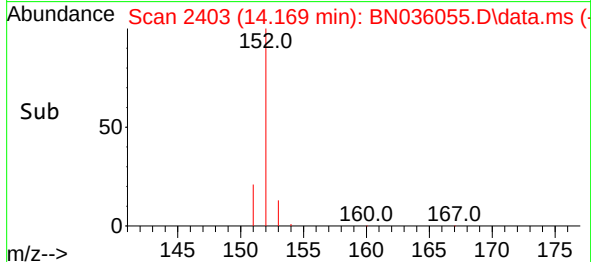
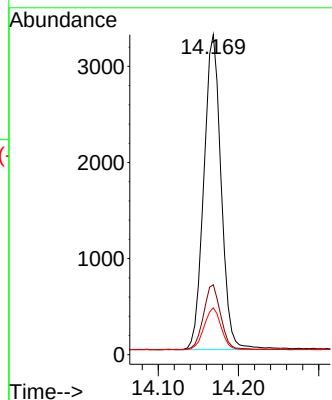
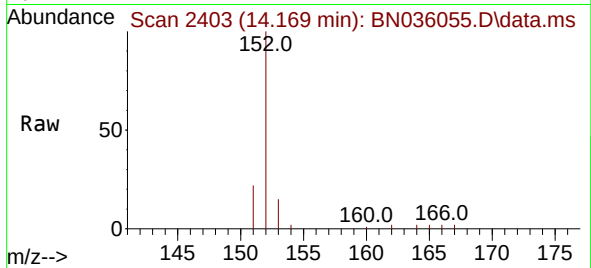




#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.169 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

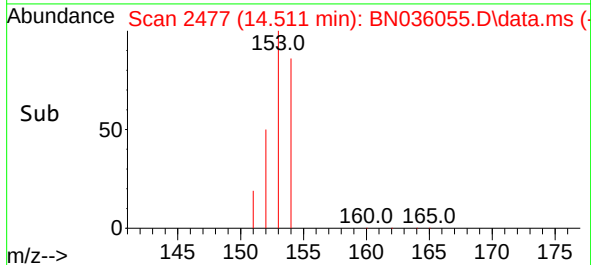
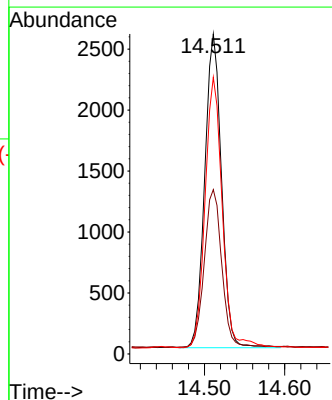
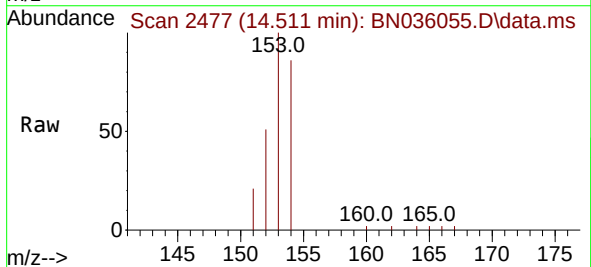
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BNA_N
ClientSampleId :
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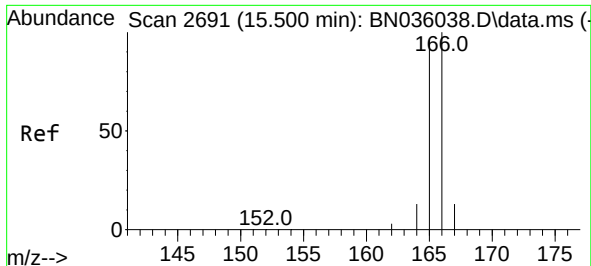
Tgt Ion:152 Resp: 4911
Ion Ratio Lower Upper
152 100
151 21.8 17.4 26.2
153 14.7 11.9 17.9



#11
Acenaphthene
Concen: 0.393 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:153 Resp: 3738
Ion Ratio Lower Upper
153 100
152 51.3 43.2 64.8
154 86.5 70.5 105.7

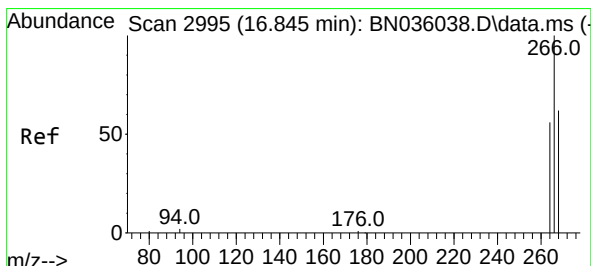
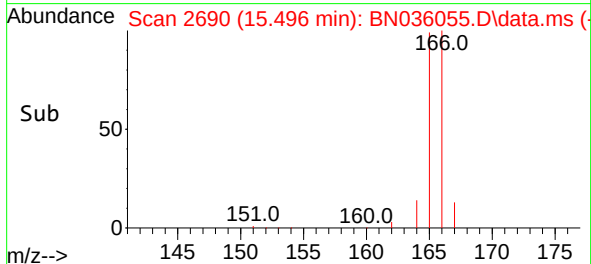
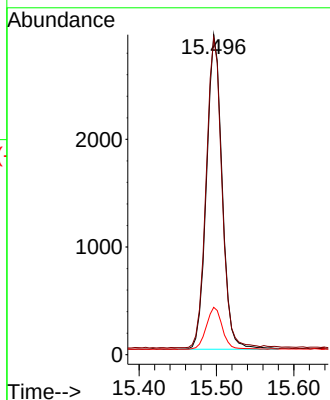
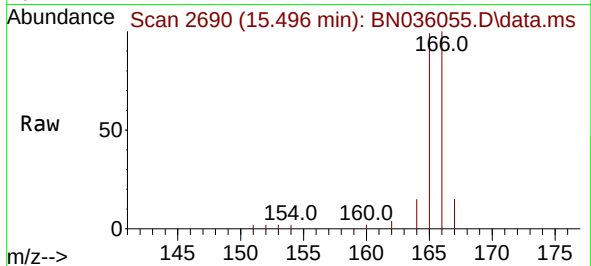




#12
 Fluorene
 Concen: 0.390 ng/ul
 RT: 15.496 min Scan# 2690
 Delta R.T. -0.004 min
 Lab File: BN036055.D
 Acq: 28 Jan 2025 02:13

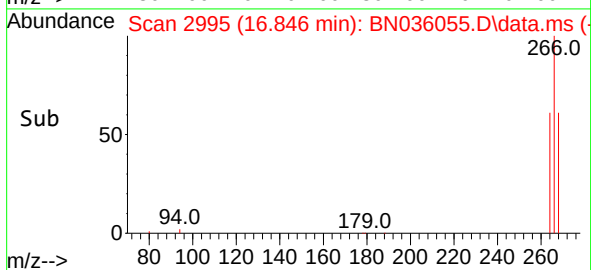
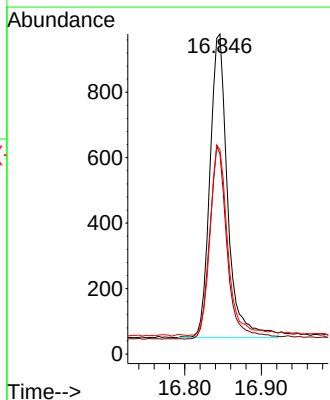
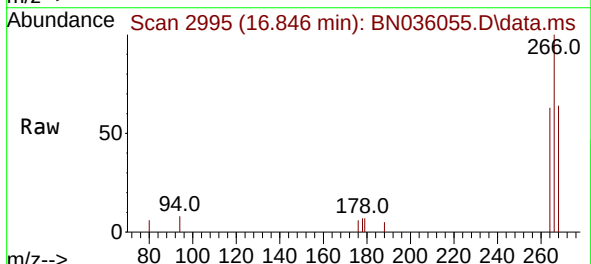
Instrument :
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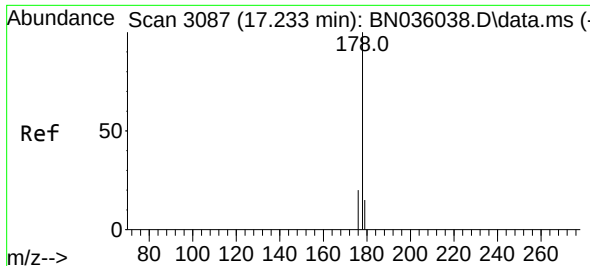
Tgt Ion:166 Resp: 4100
 Ion Ratio Lower Upper
 166 100
 165 99.1 80.3 120.5
 167 14.8 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.738 ng/ul
 RT: 16.846 min Scan# 2995
 Delta R.T. 0.005 min
 Lab File: BN036055.D
 Acq: 28 Jan 2025 02:13

Tgt Ion:266 Resp: 1494
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.6 75.8
 268 63.1 50.6 75.8

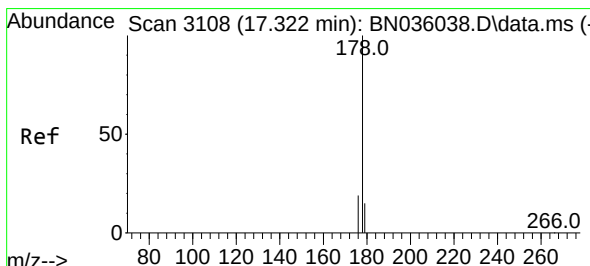
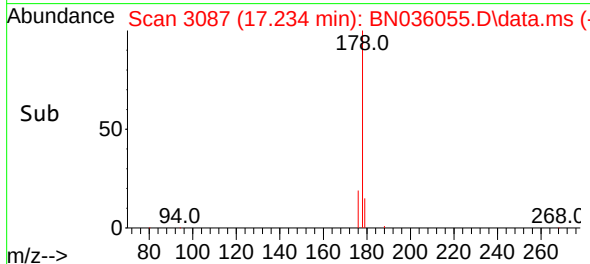
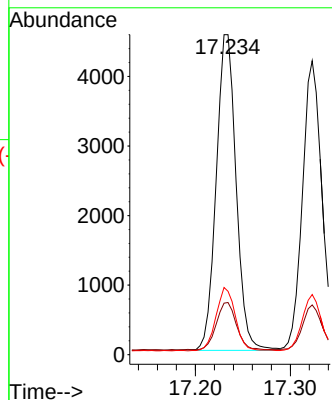
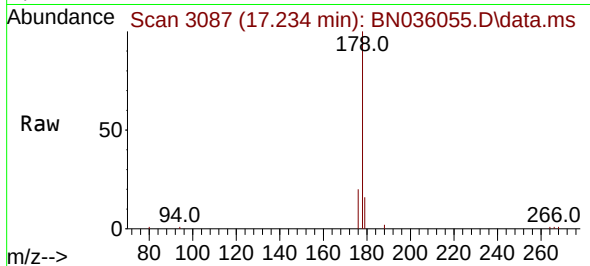




#15
Phenanthrene
Concen: 0.391 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.001 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

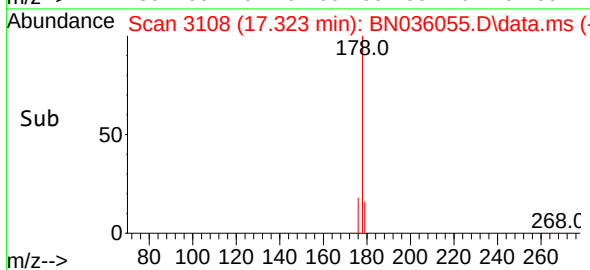
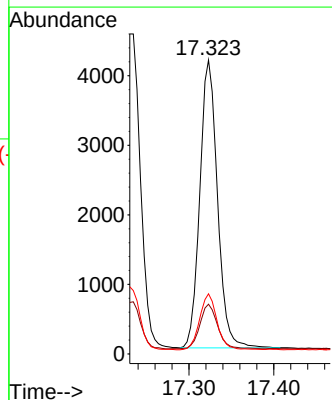
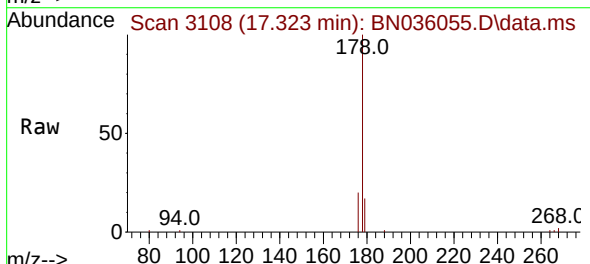
Instrument :
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ClientSampleId :
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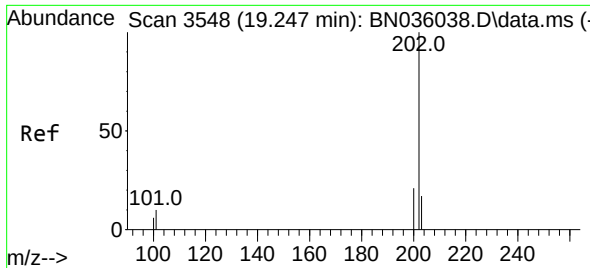
Tgt Ion:178 Resp: 6619
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 19.8 16.8 25.2



#16
Anthracene
Concen: 0.380 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:178 Resp: 5978
Ion Ratio Lower Upper
178 100
179 16.9 13.0 19.4
176 20.5 15.9 23.9

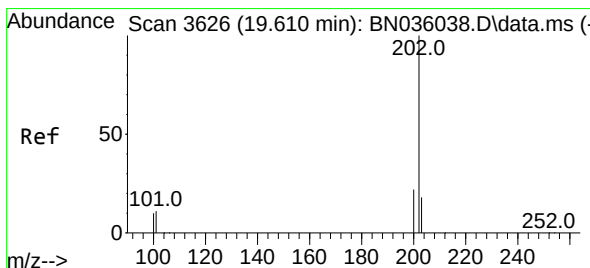
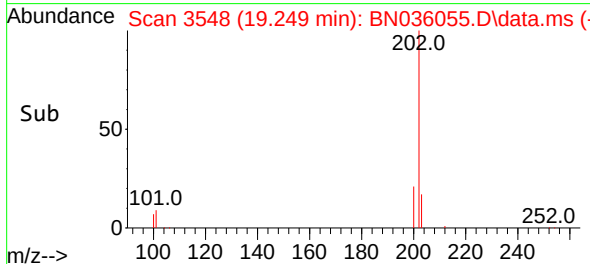
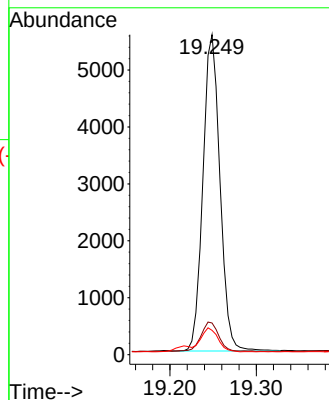
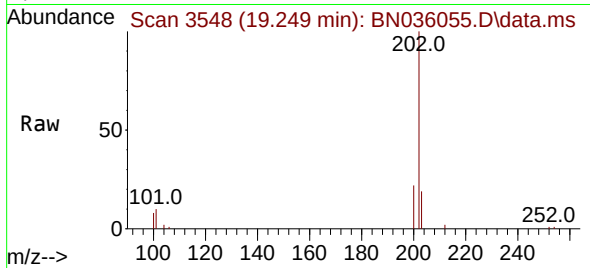




#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.249 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

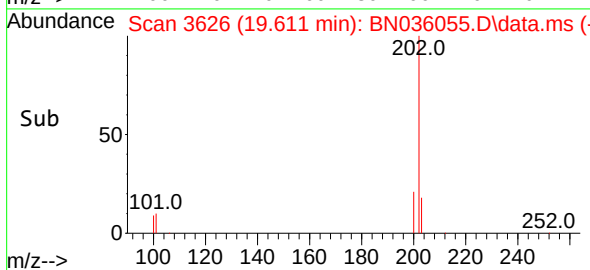
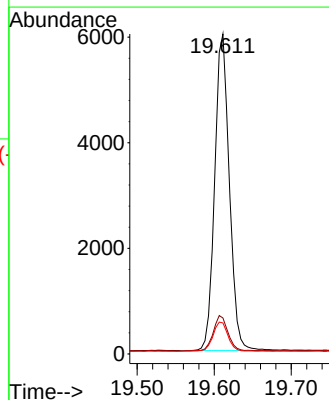
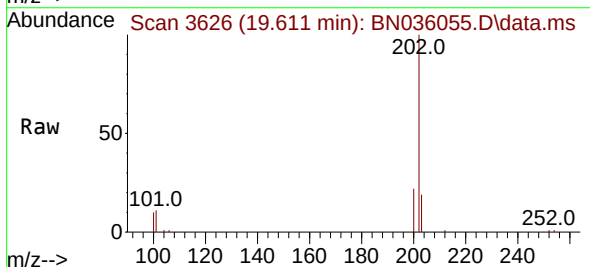
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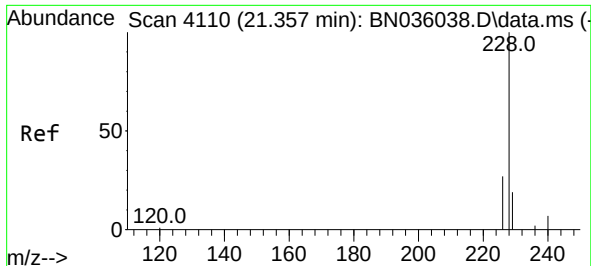
Tgt Ion:202 Resp: 7637
Ion Ratio Lower Upper
202 100
101 9.9 8.4 12.6
100 7.6 6.5 9.7



#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.611 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:202 Resp: 7937
Ion Ratio Lower Upper
202 100
101 11.2 9.3 13.9
100 9.7 7.5 11.3

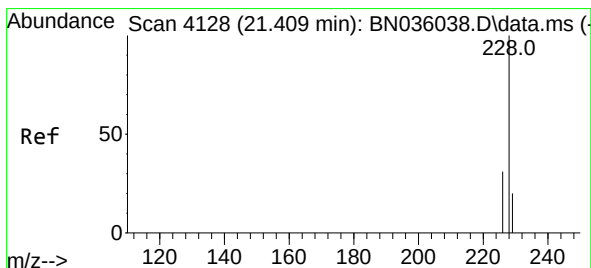
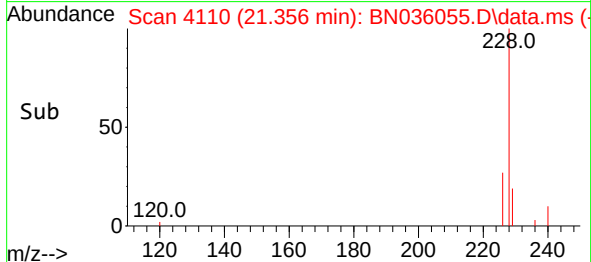
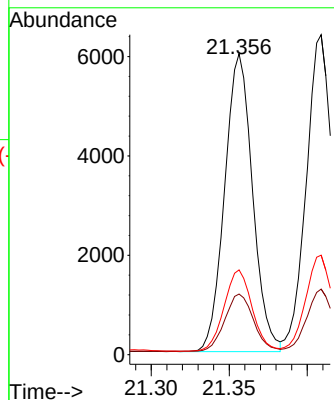
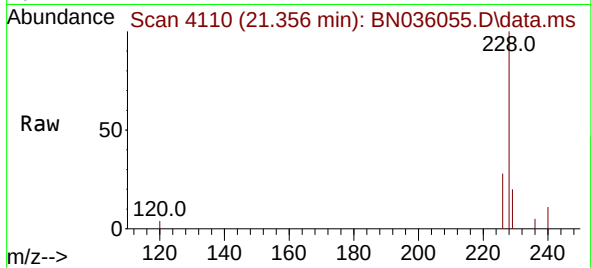




#21
Benzo(a)anthracene
Concen: 0.390 ng/ul
RT: 21.356 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

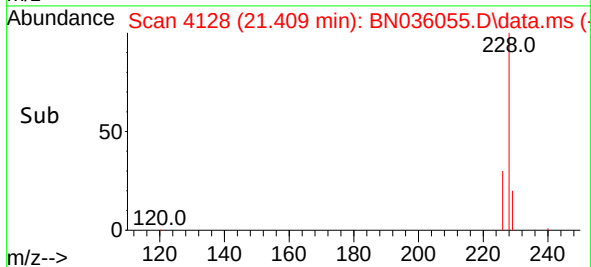
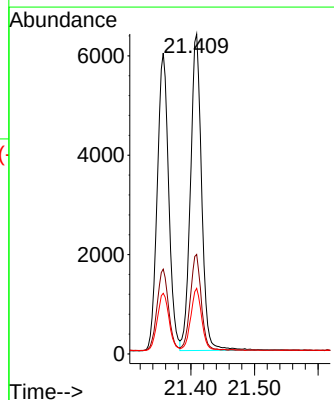
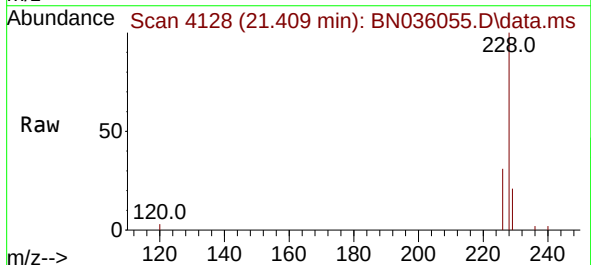
Instrument :
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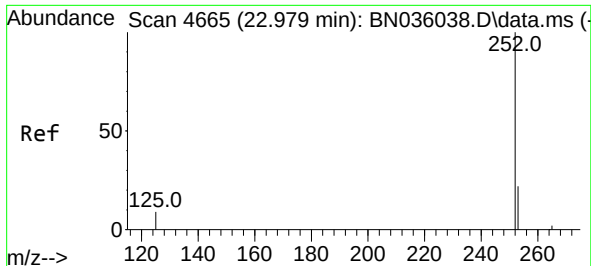
Tgt Ion:228 Resp: 7462
Ion Ratio Lower Upper
228 100
229 20.2 15.9 23.9
226 28.2 22.8 34.2



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.409 min Scan# 4128
Delta R.T. 0.003 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

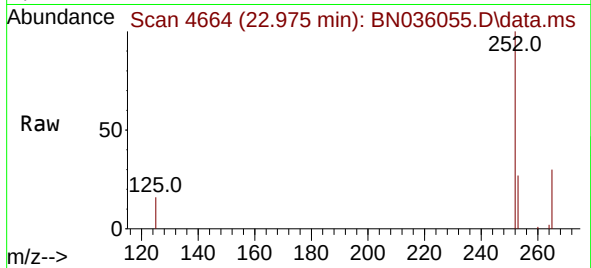
Tgt Ion:228 Resp: 7763
Ion Ratio Lower Upper
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226 31.1 24.4 36.6
229 20.5 15.9 23.9



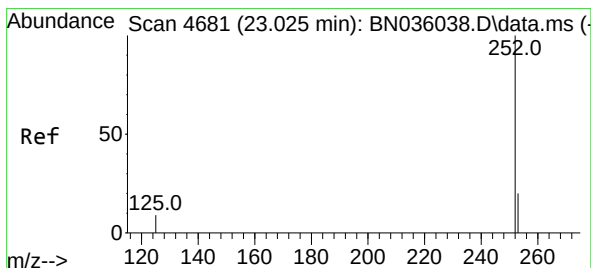
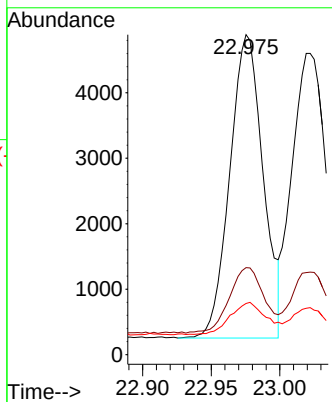


#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.975 min Scan# 4664
Delta R.T. 0.003 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Instrument :
BNA_N
ClientSampleId :
SLCS246

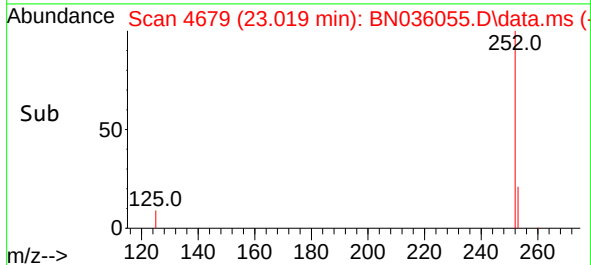
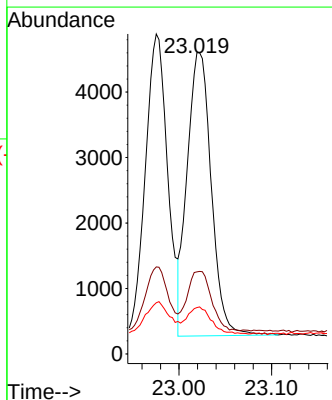
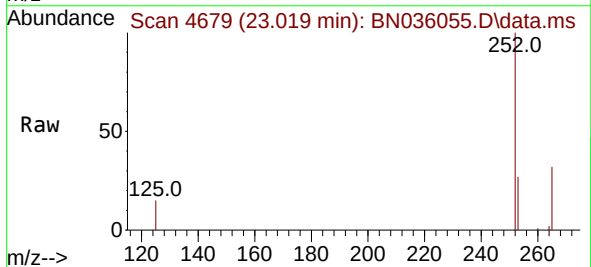


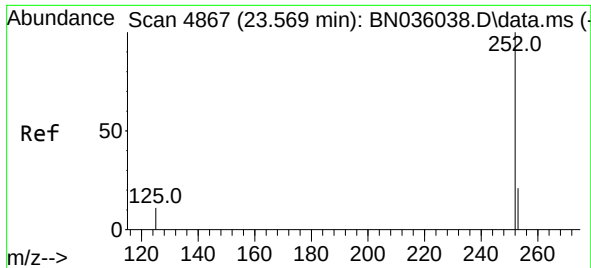
Tgt Ion:252 Resp: 7819
Ion Ratio Lower Upper
252 100
253 27.2 0.0 51.2
125 16.0 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.019 min Scan# 4679
Delta R.T. -0.000 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:252 Resp: 7837
Ion Ratio Lower Upper
252 100
253 27.3 20.2 30.4
125 15.4 10.6 16.0

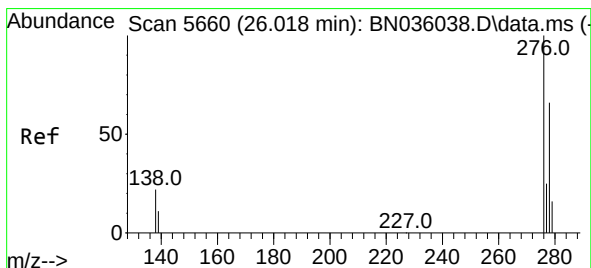
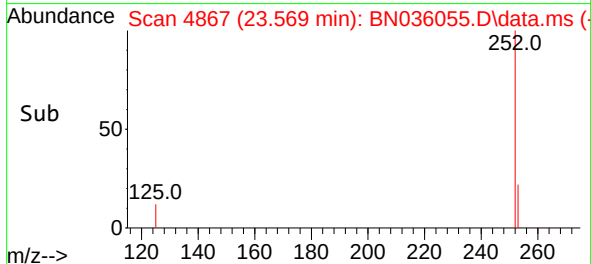
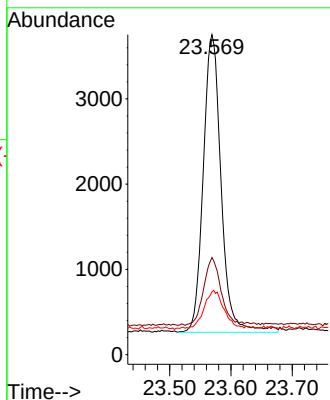
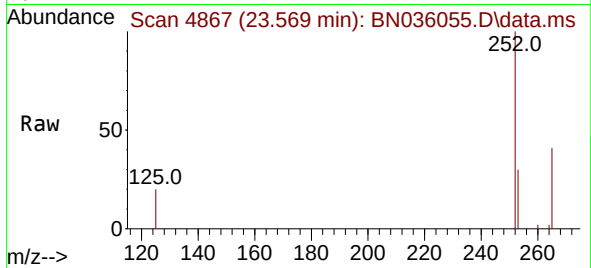




#26
Benzo(a)pyrene
Concen: 0.409 ng/ul
RT: 23.569 min Scan# 4867
Delta R.T. 0.005 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

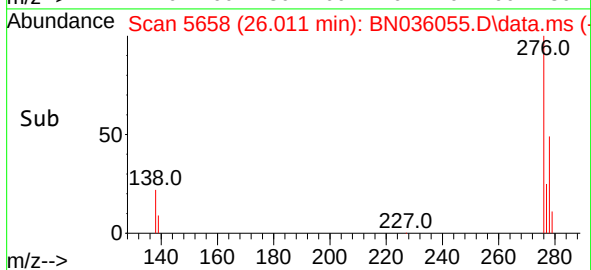
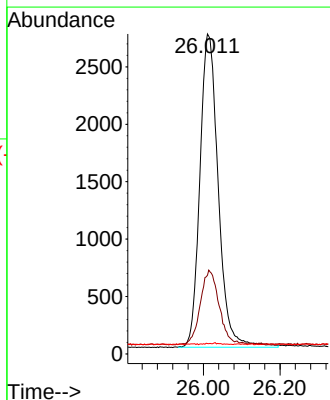
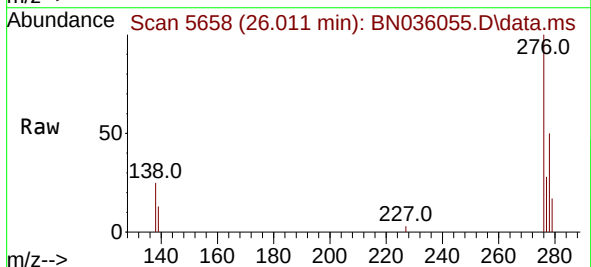
Instrument :
BNA_N
ClientSampleId :
SLCS246

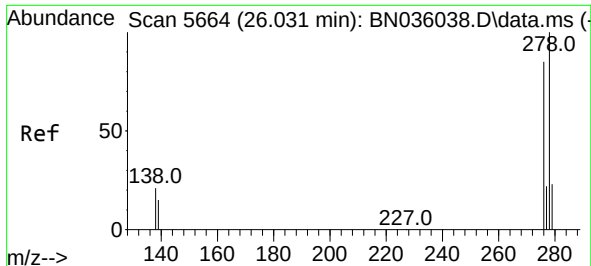
Tgt Ion:	252	Resp:	7083
Ion Ratio	Lower	Upper	
252	100		
253	30.3	22.2	33.4
125	19.6	13.1	19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng/ul
RT: 26.011 min Scan# 5658
Delta R.T. 0.006 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:	276	Resp:	9102
Ion Ratio	Lower	Upper	
276	100		
138	24.8	20.2	30.4
227	0.1	0.1	0.1

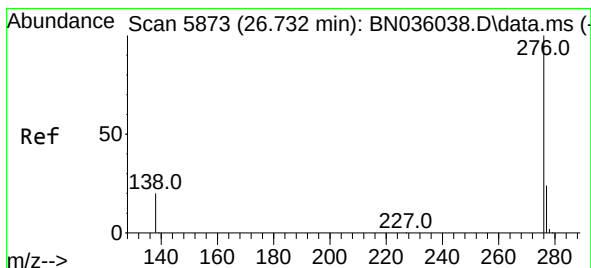
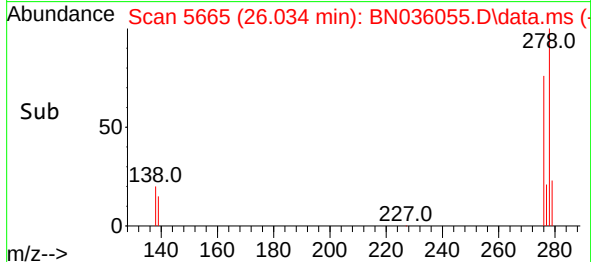
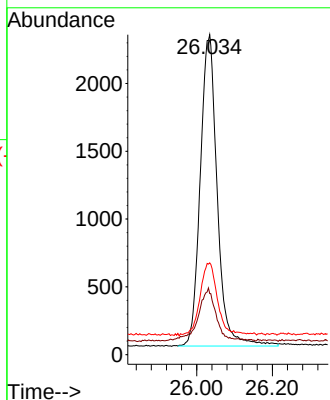
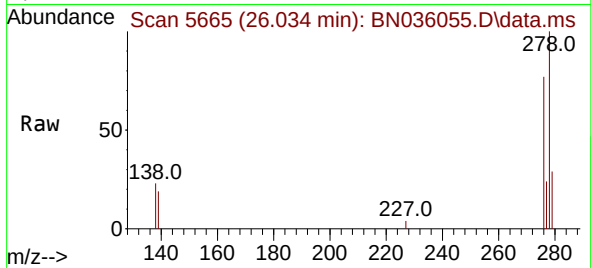




#28
Dibenzo(a,h)anthracene
Concen: 0.405 ng/ul
RT: 26.034 min Scan# 5665
Delta R.T. 0.013 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Instrument :
BNA_N
ClientSampleId :
SLCS246

Tgt Ion:278 Resp: 7138
Ion Ratio Lower Upper
278 100
139 19.1 15.4 23.2
279 28.7 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.406 ng/ul
RT: 26.728 min Scan# 5872
Delta R.T. 0.010 min
Lab File: BN036055.D
Acq: 28 Jan 2025 02:13

Tgt Ion:276 Resp: 7212
Ion Ratio Lower Upper
276 100
138 23.2 19.4 29.0
277 26.0 21.1 31.7

