

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
 Data File : BN036006.D
 Acq On : 21 Jan 2025 14:59
 Operator : RC/JU
 Sample : SSTD1.659
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD1.6248

Quant Time: Jan 21 23:46:23 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 23:44:46 2025
 Response via : Initial Calibration

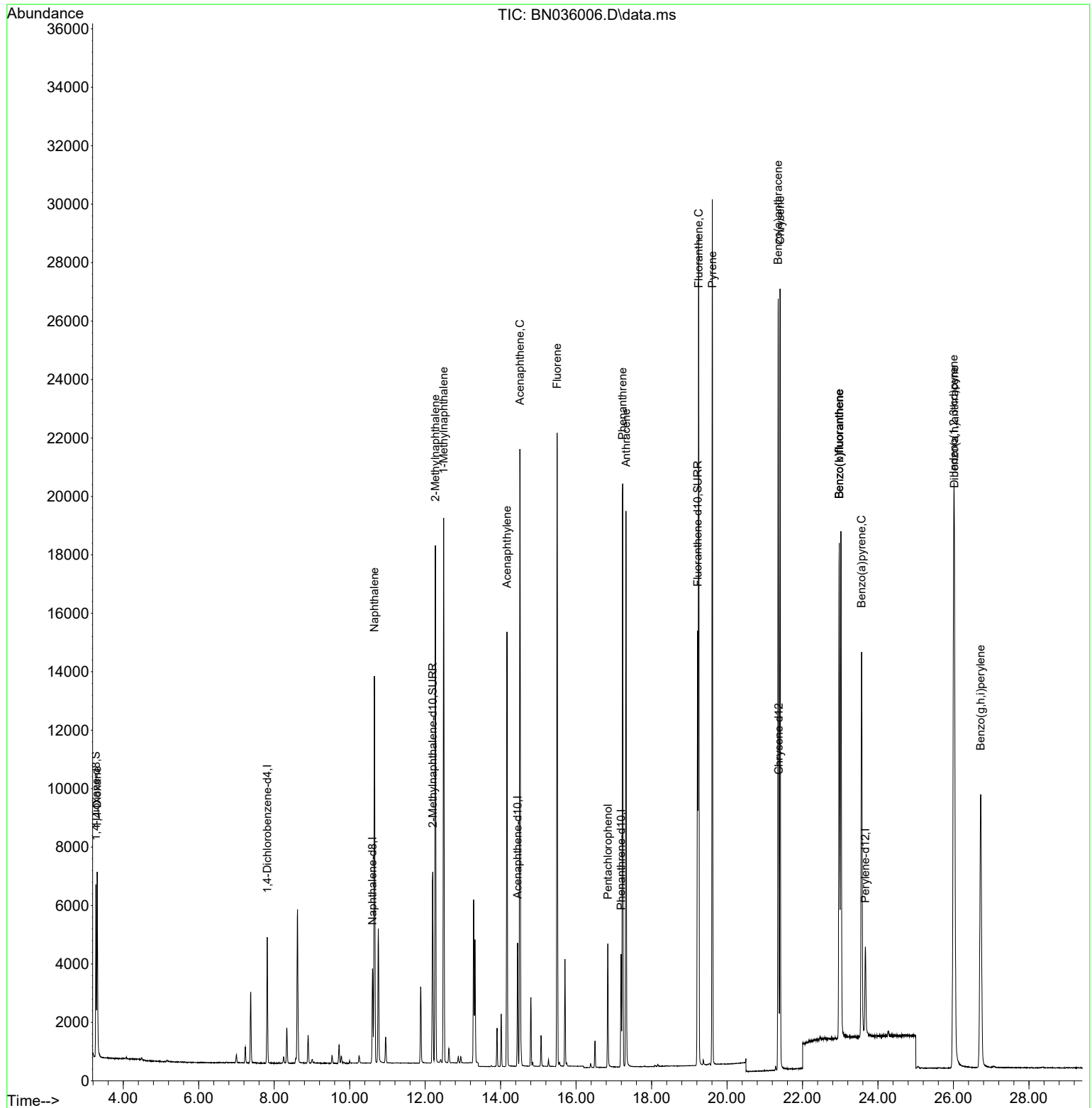
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2065	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4112	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	2189	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	4437	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	3891	0.400	ng/ul	0.00
23) Perylene-d12	23.665	264	4086	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	3388	1.498	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	8034	1.547	ng/ul	0.00
18) Fluoranthene-d10	19.221	212	16362	1.530	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	3681	1.525	ng/ul	91
5) Naphthalene	10.655	128	17593	1.553	ng/ul	98
7) 2-Methylnaphthalene	12.271	142	11152	1.585	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	11373	1.592	ng/ul	100
10) Acenaphthylene	14.168	152	16028	1.553	ng/ul	97
11) Acenaphthene	14.511	153	11860	1.562	ng/ul	98
12) Fluorene	15.496	166	13194	1.573	ng/ul	99
14) Pentachlorophenol	16.842	266	2641	1.699	ng/ul	99
15) Phenanthrene	17.234	178	20310	1.563	ng/ul	97
16) Anthracene	17.323	178	19363	1.603	ng/ul	99
19) Fluoranthene	19.249	202	23284	1.575	ng/ul	96
20) Pyrene	19.611	202	23977	1.553	ng/ul	97
21) Benzo(a)anthracene	21.353	228	21879	1.575	ng/ul	99
22) Chrysene	21.406	228	21868	1.541	ng/ul	99
24) Benzo(b)fluoranthene	22.972	252	21476	1.575	ng/ul	94
25) Benzo(k)fluoranthene	22.972	252	21476	1.497	ng/ul	95
26) Benzo(a)pyrene	23.566	252	19854	1.612	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.007	276	26117	1.603	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.024	278	20385	1.624	ng/ul	95
29) Benzo(g,h,i)perylene	26.721	276	20248	1.600	ng/ul	96

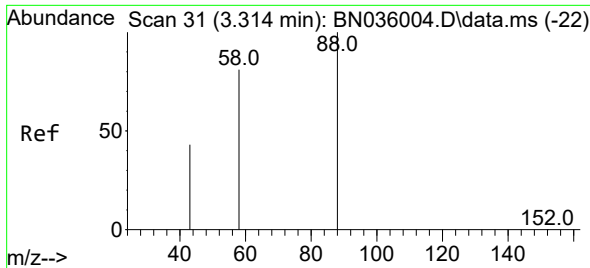
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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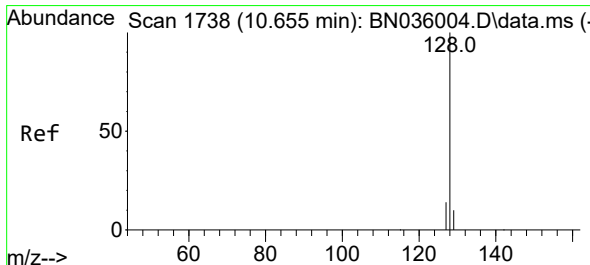
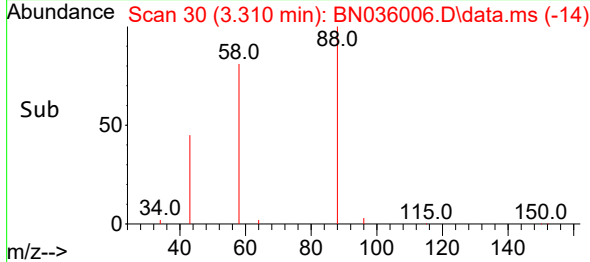
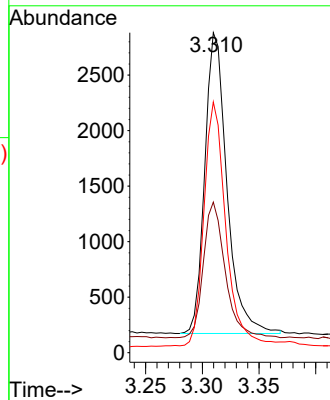
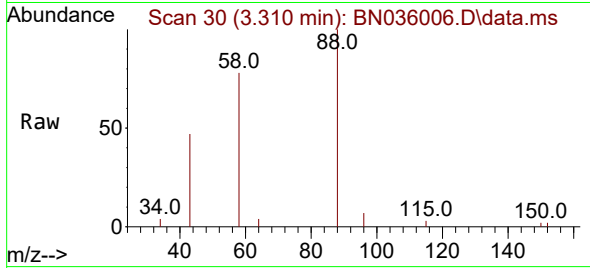




#2
1,4-Dioxane
Concen: 1.525 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

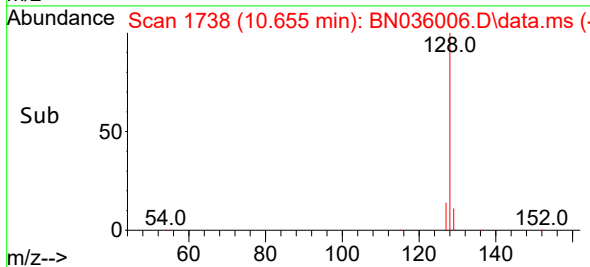
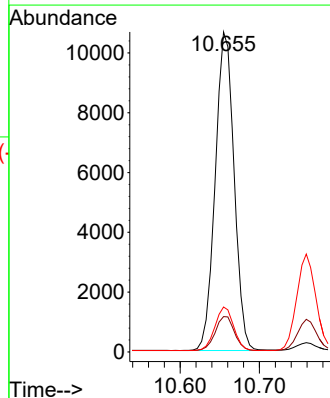
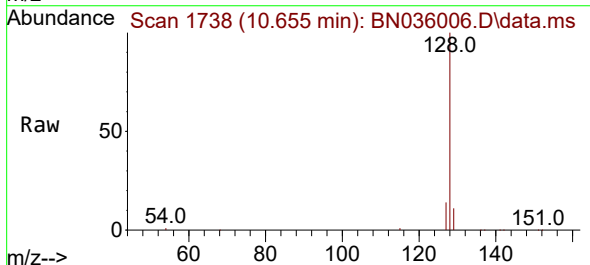
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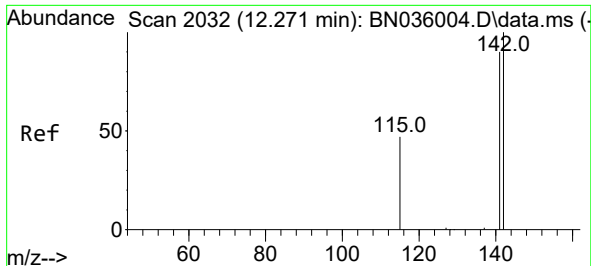
Tgt Ion: 88 Resp: 3681
Ion Ratio Lower Upper
88 100
43 47.1 40.7 61.1
58 78.3 55.2 82.8



#5
Naphthalene
Concen: 1.553 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion: 128 Resp: 17593
Ion Ratio Lower Upper
128 100
129 11.1 9.6 14.4
127 14.0 12.0 18.0

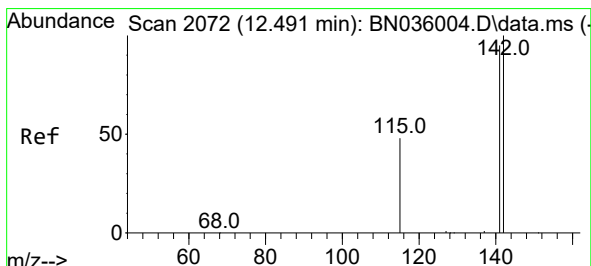
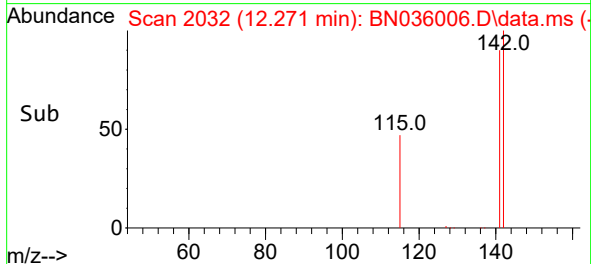
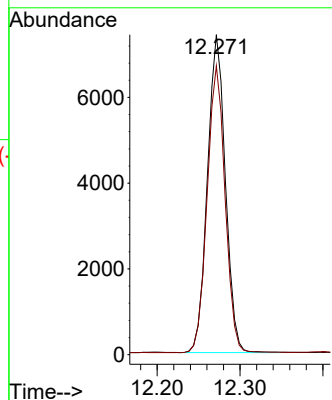
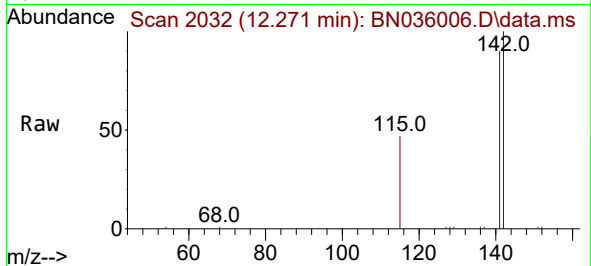




#7
2-Methylnaphthalene
Concen: 1.585 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

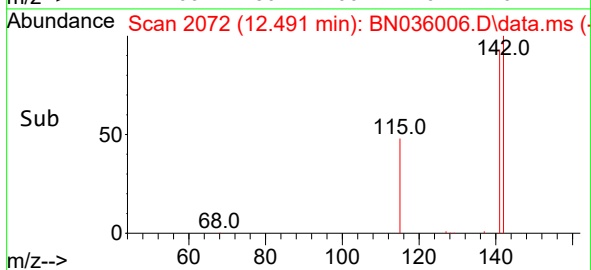
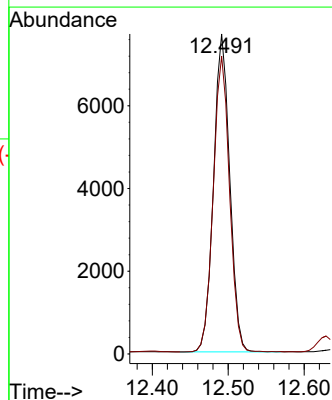
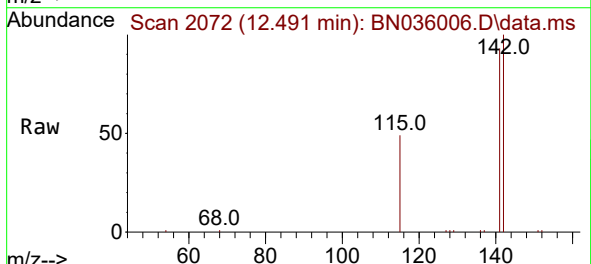
Instrument :
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ClientSampleId :
SSTD1.6248

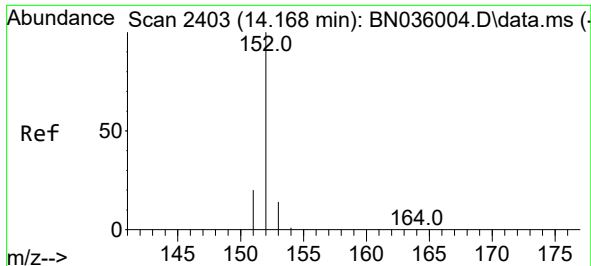
Tgt Ion:142 Resp: 11152
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 1.592 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:142 Resp: 11373
Ion Ratio Lower Upper
142 100
141 93.7 75.2 112.8

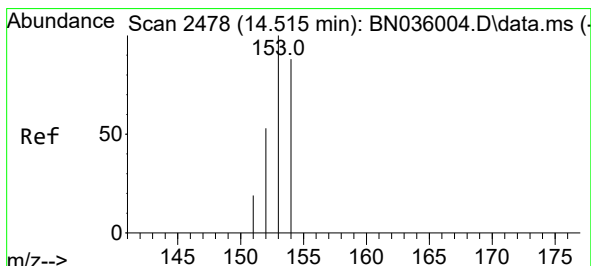
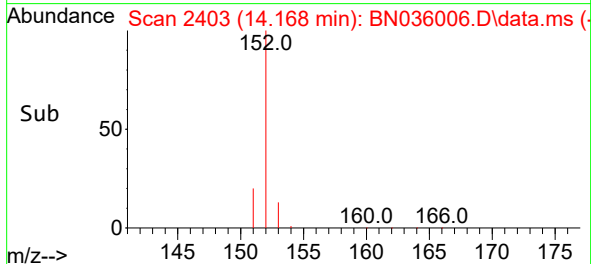
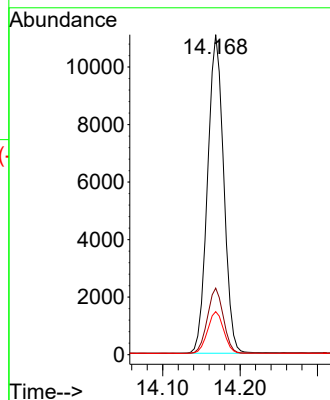
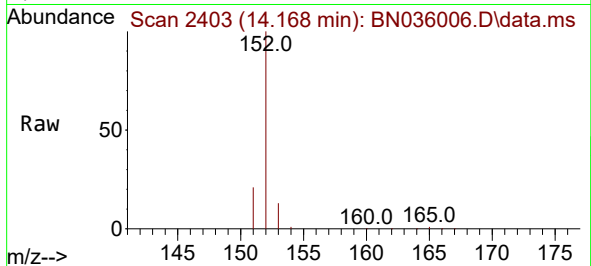




#10
Acenaphthylene
Concen: 1.553 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

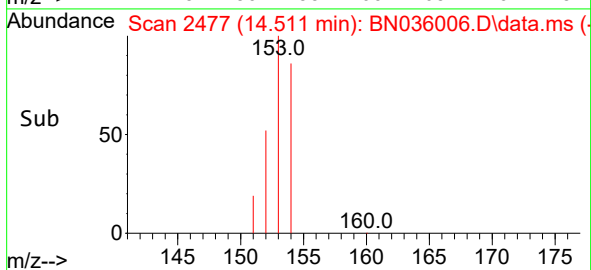
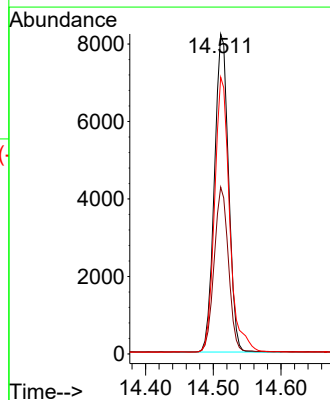
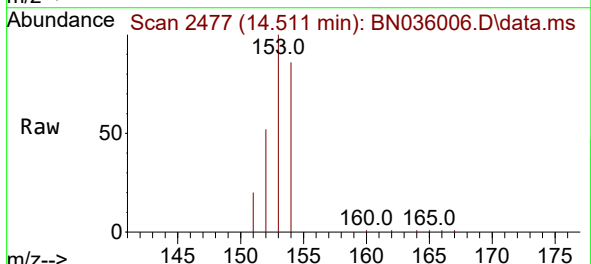
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

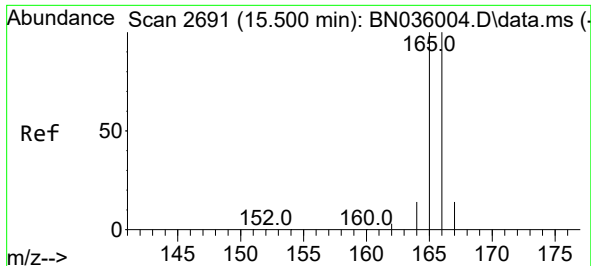
Tgt Ion:152 Resp: 16028
Ion Ratio Lower Upper
152 100
151 20.8 17.4 26.2
153 13.4 11.9 17.9



#11
Acenaphthene
Concen: 1.562 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:153 Resp: 11860
Ion Ratio Lower Upper
153 100
152 52.1 43.2 64.8
154 86.5 70.5 105.7

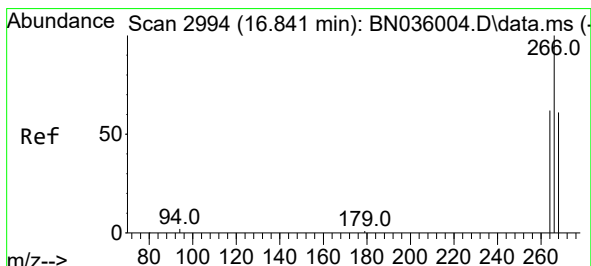
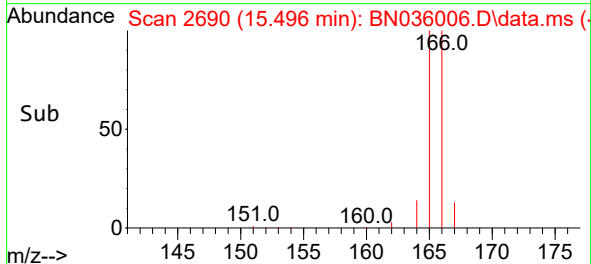
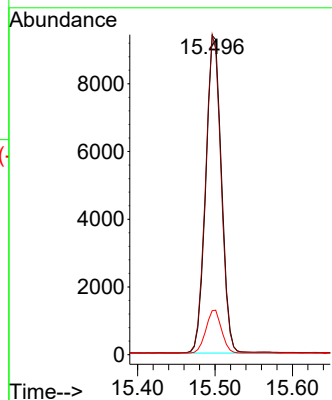
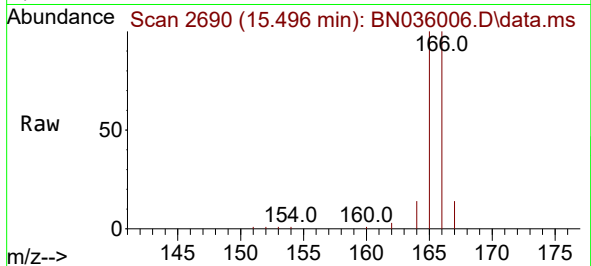




#12
 Fluorene
 Concen: 1.573 ng/ul
 RT: 15.496 min Scan# 2691
 Delta R.T. -0.004 min
 Lab File: BN036006.D
 Acq: 21 Jan 2025 14:59

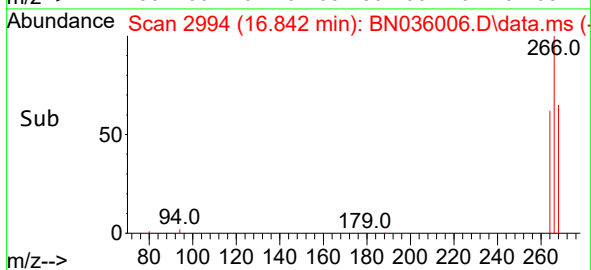
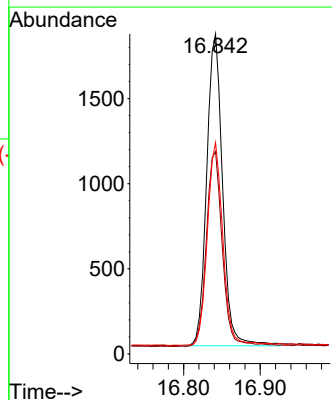
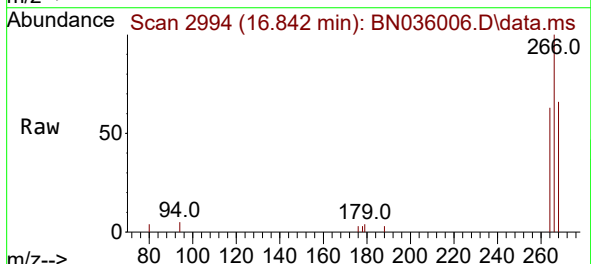
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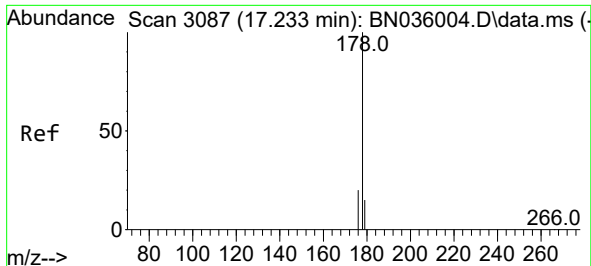
Tgt Ion:166 Resp: 13194
 Ion Ratio Lower Upper
 166 100
 165 100.3 80.3 120.5
 167 13.8 12.3 18.5



#14
 Pentachlorophenol
 Concen: 1.699 ng/ul
 RT: 16.842 min Scan# 2994
 Delta R.T. 0.001 min
 Lab File: BN036006.D
 Acq: 21 Jan 2025 14:59

Tgt Ion:266 Resp: 2641
 Ion Ratio Lower Upper
 266 100
 264 62.9 50.6 75.8
 268 63.8 50.6 75.8

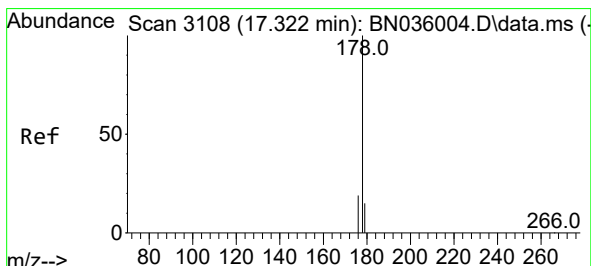
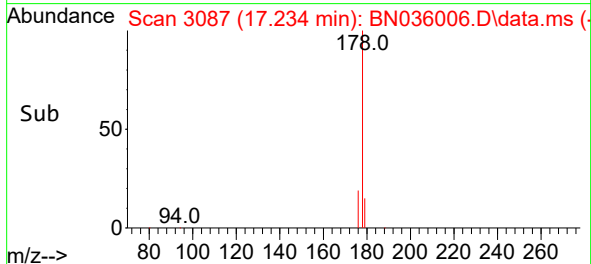
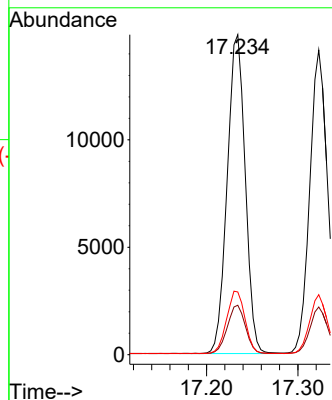
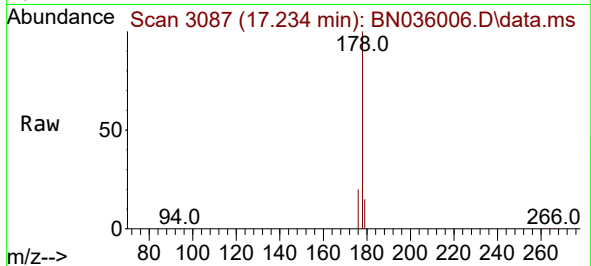




#15
Phenanthrene
Concen: 1.563 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

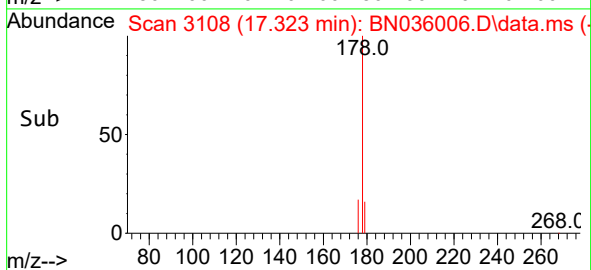
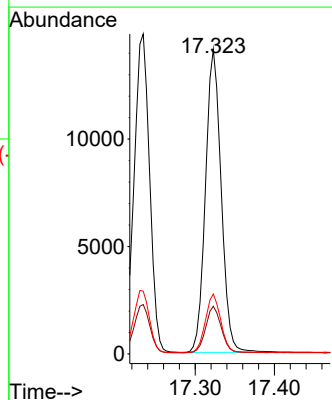
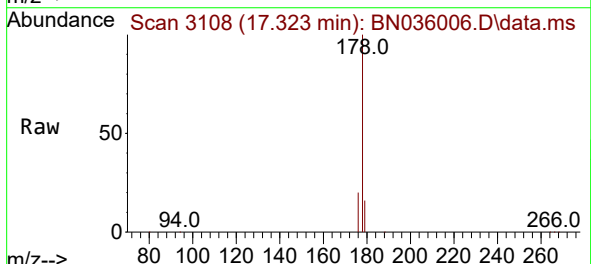
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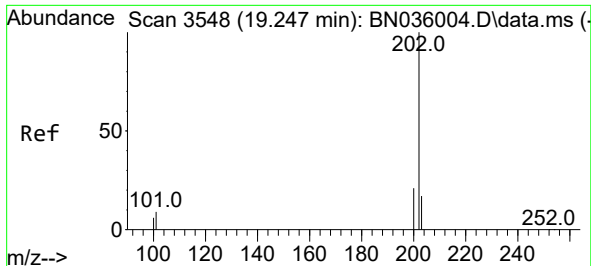
Tgt Ion:178 Resp: 20310
Ion Ratio Lower Upper
178 100
179 15.5 13.2 19.8
176 19.6 16.8 25.2



#16
Anthracene
Concen: 1.603 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:178 Resp: 19363
Ion Ratio Lower Upper
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179 15.7 13.0 19.4
176 19.7 15.9 23.9

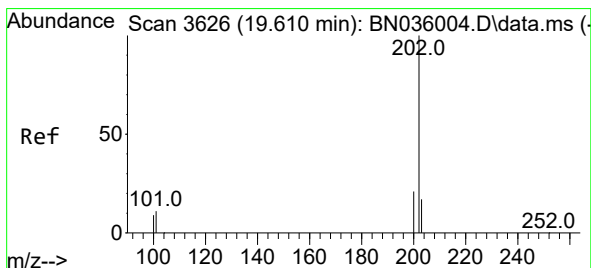
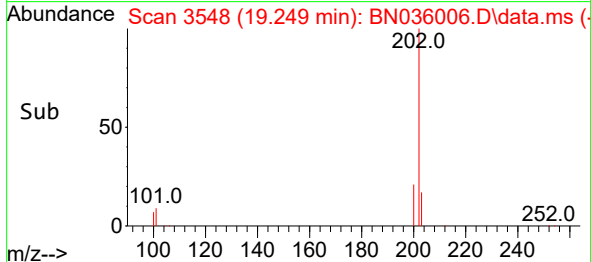
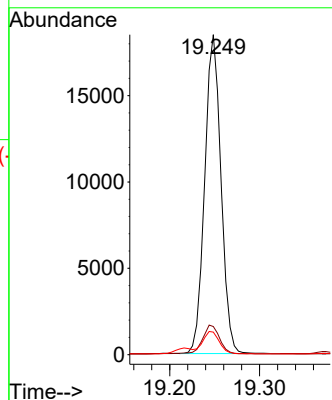
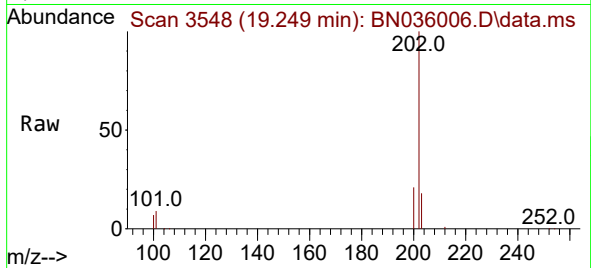




#19
Fluoranthene
Concen: 1.575 ng/ul
RT: 19.249 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

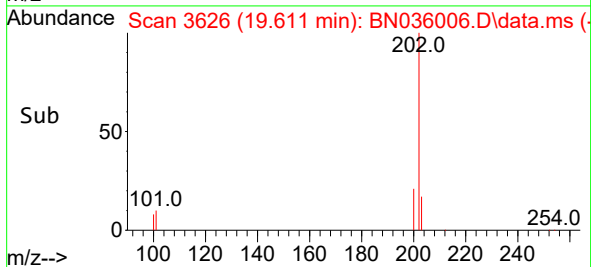
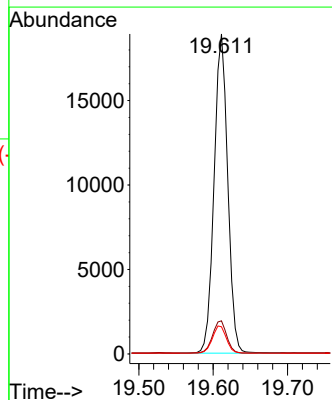
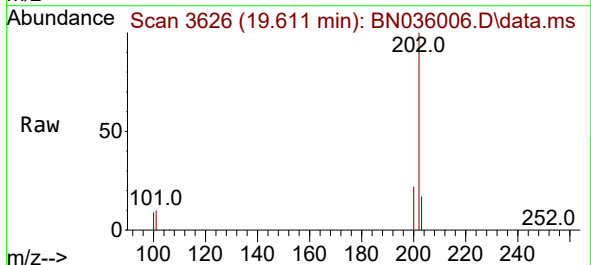
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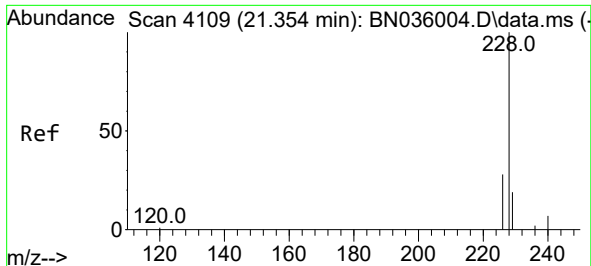
Tgt Ion:202 Resp: 23284
Ion Ratio Lower Upper
202 100
101 8.8 8.4 12.6
100 7.0 6.5 9.7



#20
Pyrene
Concen: 1.553 ng/ul
RT: 19.611 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

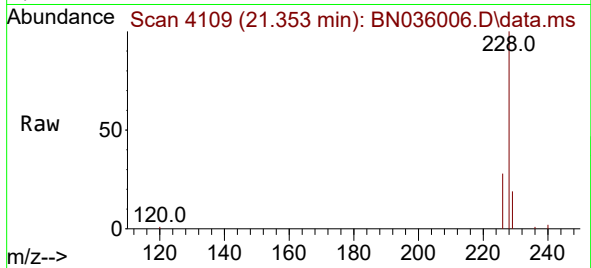
Tgt Ion:202 Resp: 23977
Ion Ratio Lower Upper
202 100
101 10.4 9.3 13.9
100 8.5 7.5 11.3



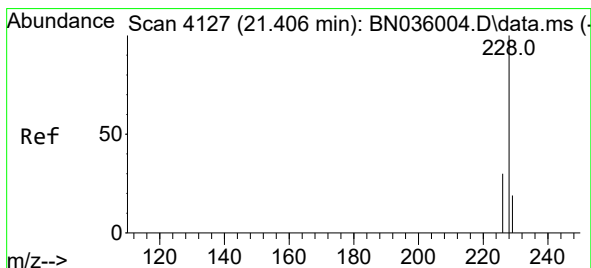
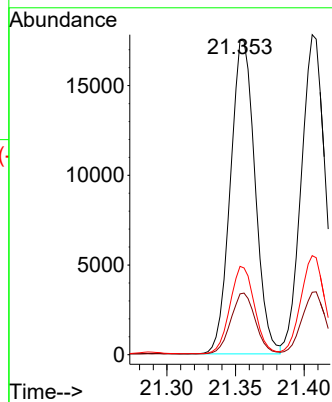
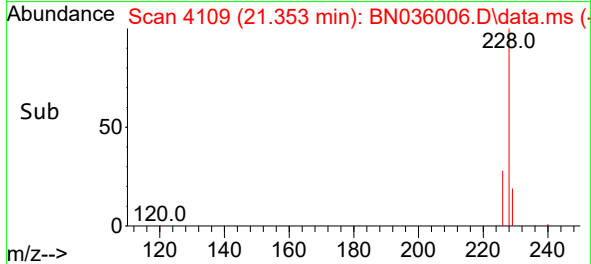


#21
Benzo(a)anthracene
Concen: 1.575 ng/ul
RT: 21.353 min Scan# 4109
Delta R.T. -0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Instrument :
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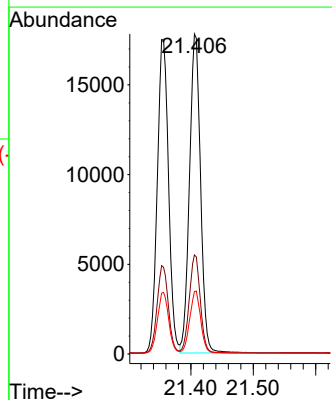
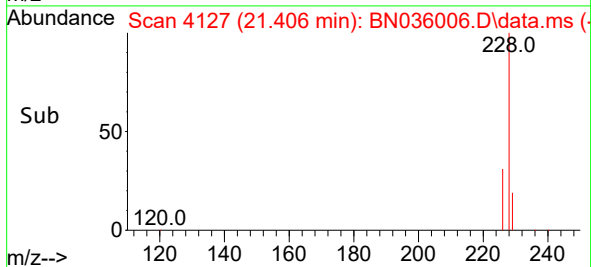
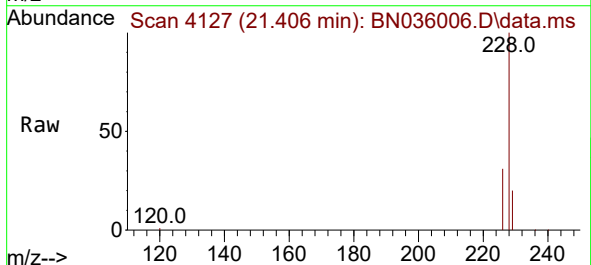


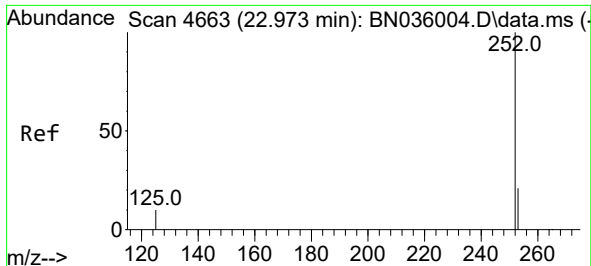
Tgt Ion:228 Resp: 21879
Ion Ratio Lower Upper
228 100
229 19.3 15.9 23.9
226 28.1 22.8 34.2



#22
Chrysene
Concen: 1.541 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. -0.001 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:228 Resp: 21868
Ion Ratio Lower Upper
228 100
226 30.9 24.4 36.6
229 19.5 15.9 23.9

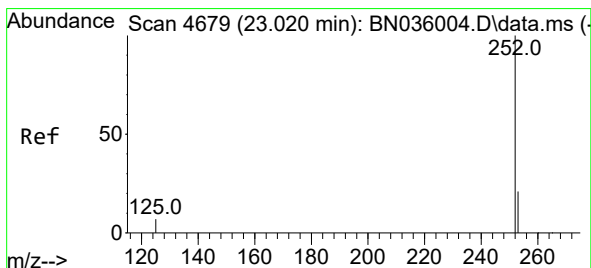
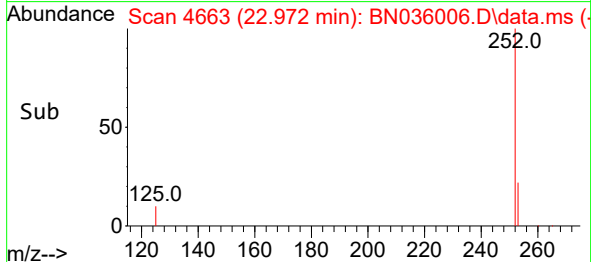
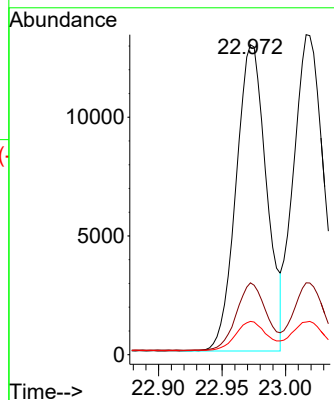
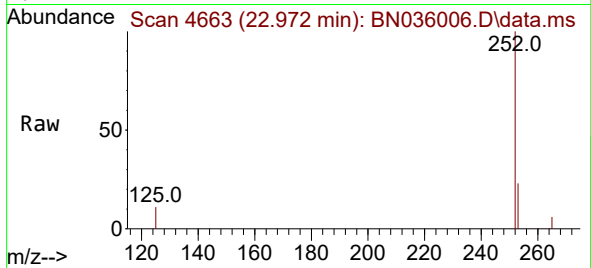




#24
Benzo(b)fluoranthene
Concen: 1.575 ng/ul
RT: 22.972 min Scan# 4663
Delta R.T. -0.000 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

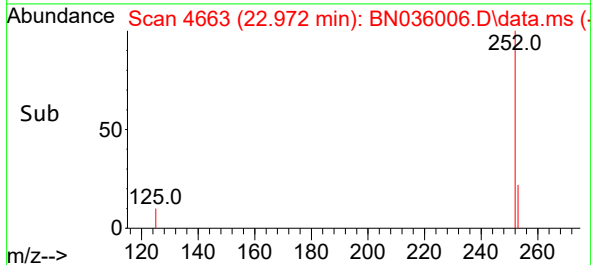
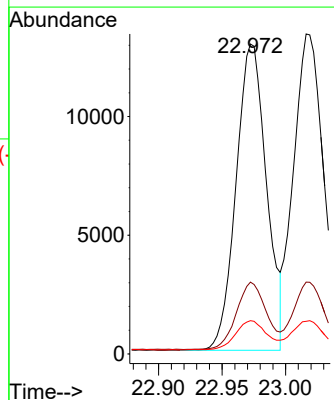
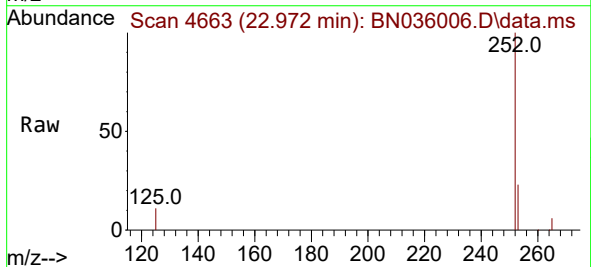
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

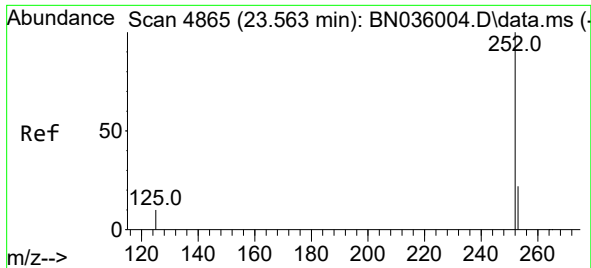
Tgt Ion:252 Resp: 21476
Ion Ratio Lower Upper
252 100
253 23.2 0.0 51.2
125 10.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 1.497 ng/ul
RT: 22.972 min Scan# 4663
Delta R.T. -0.047 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:252 Resp: 21476
Ion Ratio Lower Upper
252 100
253 23.2 20.2 30.4
125 10.8 10.6 16.0

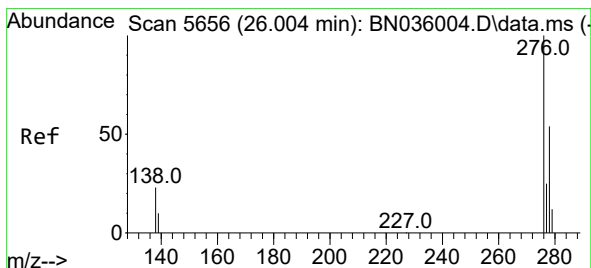
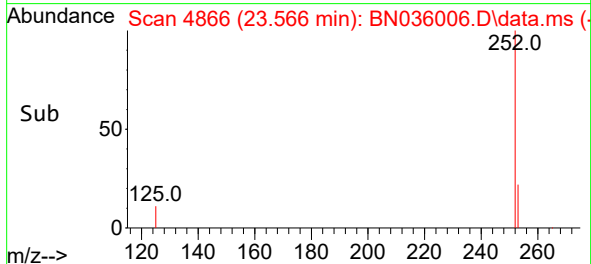
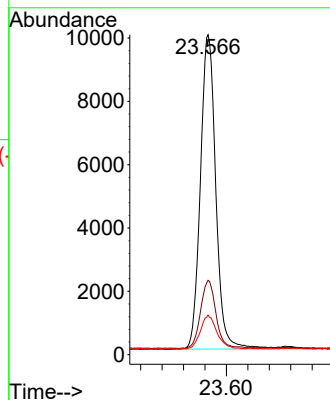
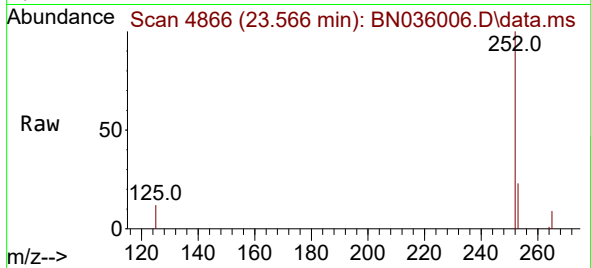




#26
Benzo(a)pyrene
Concen: 1.612 ng/ul
RT: 23.566 min Scan# 4865
Delta R.T. 0.002 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

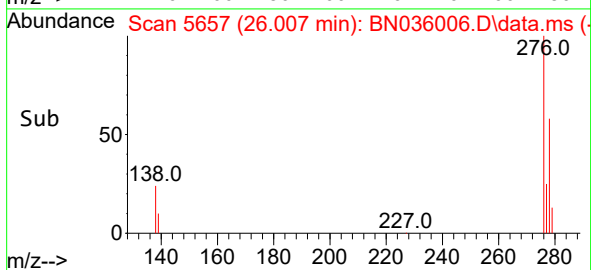
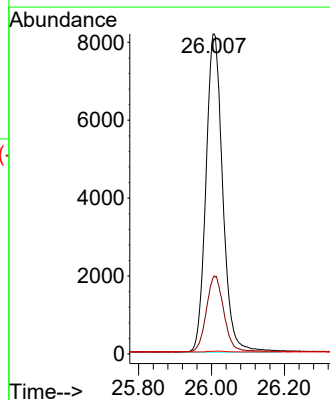
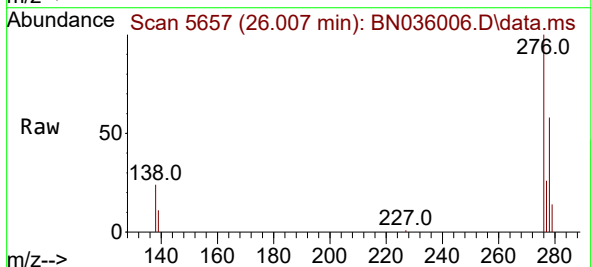
Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

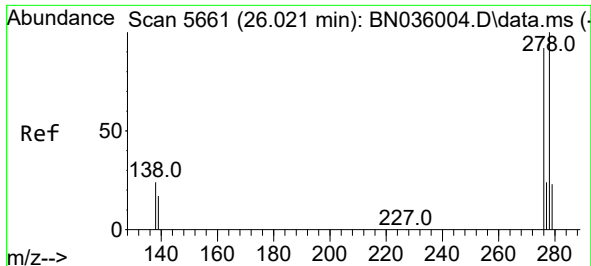
Tgt Ion:252 Resp: 19854
Ion Ratio Lower Upper
252 100
253 23.3 22.2 33.4
125 12.4 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 1.603 ng/ul
RT: 26.007 min Scan# 5657
Delta R.T. 0.003 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:276 Resp: 26117
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.4
227 0.0 0.1 0.1#

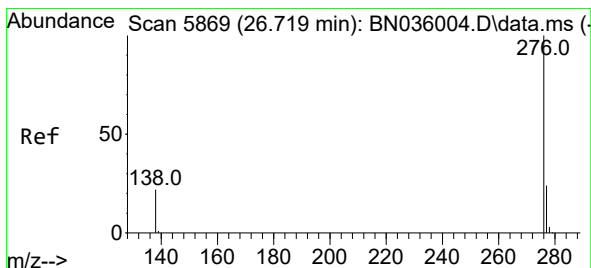
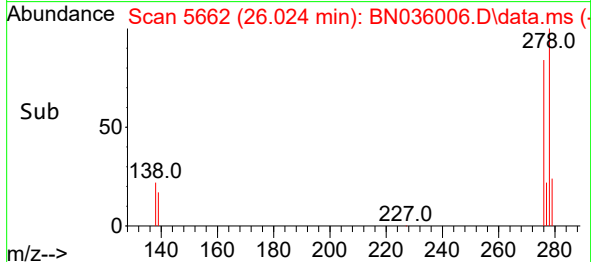
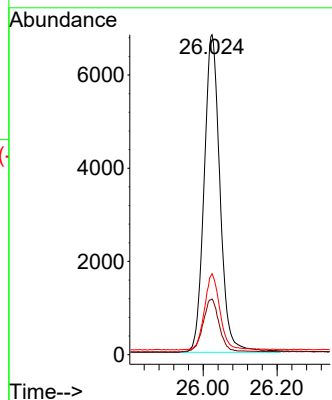
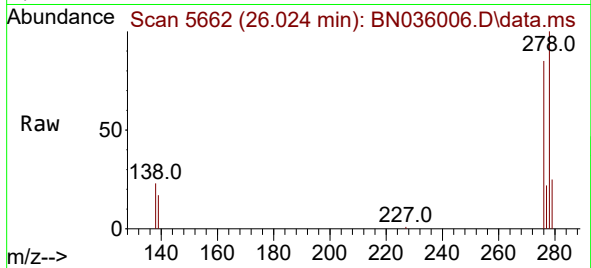




#28
Dibenzo(a,h)anthracene
Concen: 1.624 ng/ul
RT: 26.024 min Scan# 5661
Delta R.T. 0.003 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Instrument :
BNA_N
ClientSampleId :
SSTD1.6248

Tgt Ion:278 Resp: 20385
Ion Ratio Lower Upper
278 100
139 17.4 15.4 23.2
279 25.3 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 1.600 ng/ul
RT: 26.721 min Scan# 5870
Delta R.T. 0.003 min
Lab File: BN036006.D
Acq: 21 Jan 2025 14:59

Tgt Ion:276 Resp: 20248
Ion Ratio Lower Upper
276 100
138 22.2 19.4 29.0
277 24.4 21.1 31.7

