

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
 Data File : BN036008.D
 Acq On : 21 Jan 2025 16:41
 Operator : RC/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Quant Time: Jan 21 23:53:09 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

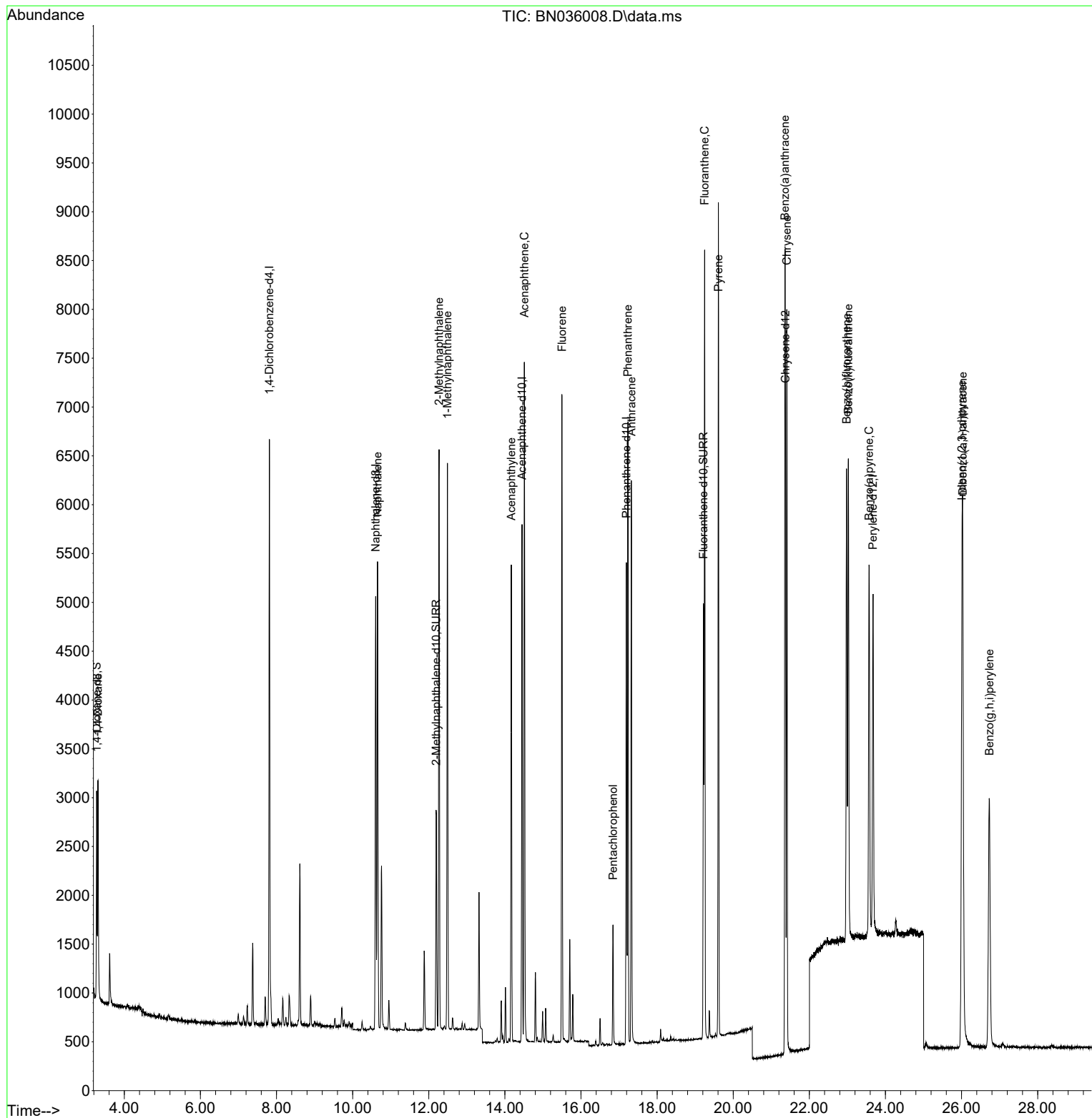
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2858	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5645	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.451	164	2812	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	5615	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	4425	0.400	ng/ul	0.00
23) Perylene-d12	23.674	264	4716	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1277	0.408	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2833	0.397	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	4906	0.403	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.310	88	1338	0.401	ng/ul	95
5) Naphthalene	10.655	128	6259	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3880	0.402	ng/ul	100
8) 1-Methylnaphthalene	12.491	142	3612	0.368	ng/ul	99
10) Acenaphthylene	14.169	152	5278	0.398	ng/ul	98
11) Acenaphthene	14.511	153	3887	0.398	ng/ul	99
12) Fluorene	15.501	166	4146	0.385	ng/ul	98
14) Pentachlorophenol	16.842	266	786	0.400	ng/ul	99
15) Phenanthrene	17.234	178	6535	0.397	ng/ul	99
16) Anthracene	17.323	178	6034	0.395	ng/ul	99
19) Fluoranthene	19.249	202	6734	0.400	ng/ul	100
20) Pyrene	19.611	202	6975	0.397	ng/ul	99
21) Benzo(a)anthracene	21.359	228	6207	0.393	ng/ul	99
22) Chrysene	21.409	228	6425	0.398	ng/ul	99
24) Benzo(b)fluoranthene	22.978	252	6352	0.404	ng/ul	99
25) Benzo(k)fluoranthene	23.025	252	6588	0.398	ng/ul	99
26) Benzo(a)pyrene	23.569	252	5919	0.416	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.010	276	7521	0.400	ng/ul	100
28) Dibenzo(a,h)anthracene	26.031	278	5936	0.410	ng/ul	99
29) Benzo(g,h,i)perylene	26.732	276	5725	0.392	ng/ul	98

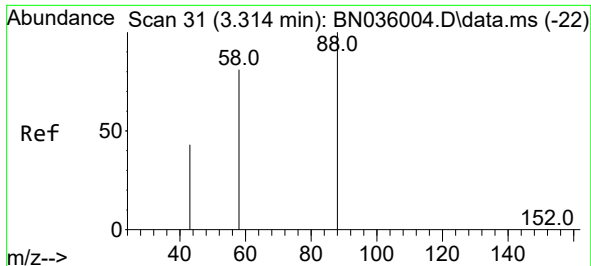
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036008.D
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Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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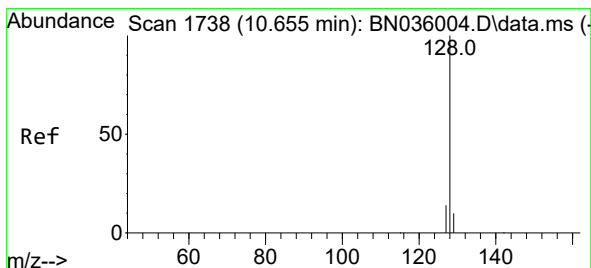
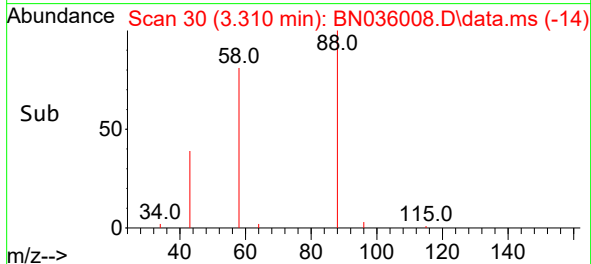
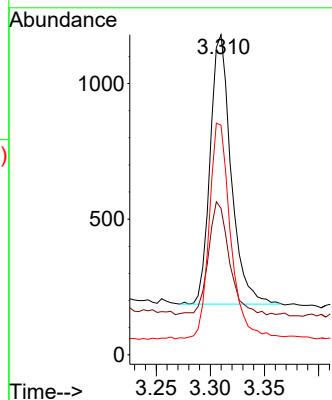
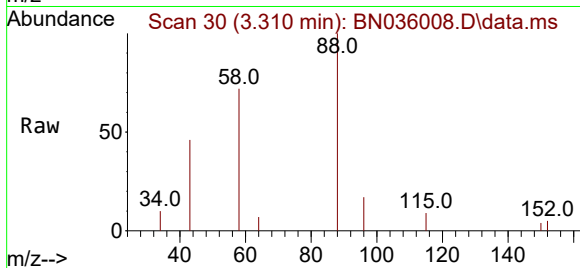




#2
1,4-Dioxane
Concen: 0.401 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

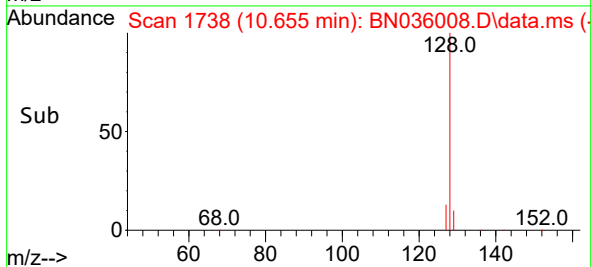
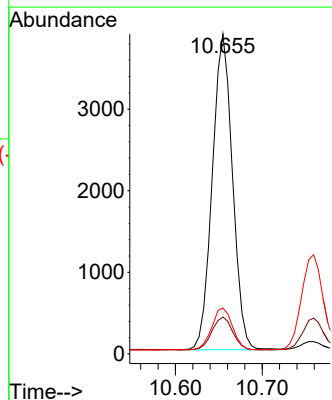
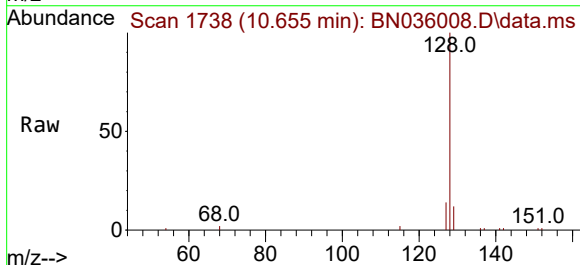
Instrument :
BNA_N
ClientSampleId :
SICV201

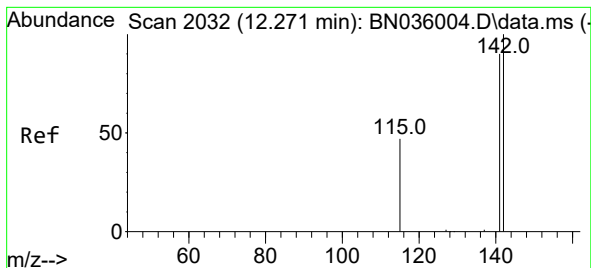
Tgt Ion: 88 Resp: 1338
Ion Ratio Lower Upper
88 100
43 45.8 40.7 61.1
58 71.7 55.2 82.8



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:128 Resp: 6259
Ion Ratio Lower Upper
128 100
129 11.6 9.6 14.4
127 14.3 12.0 18.0

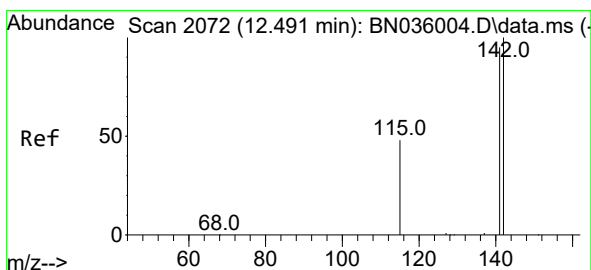
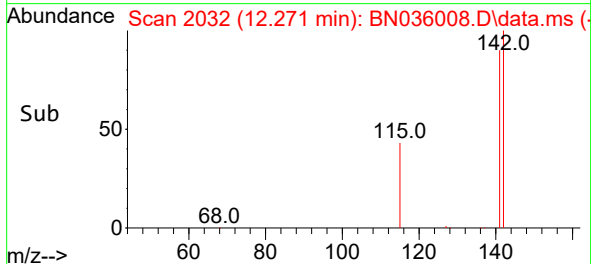
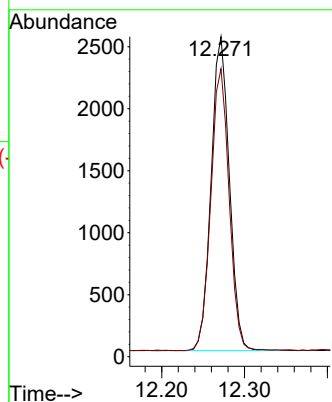
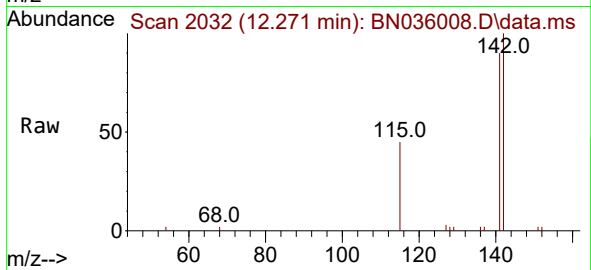




#7
2-Methylnaphthalene
Concen: 0.402 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

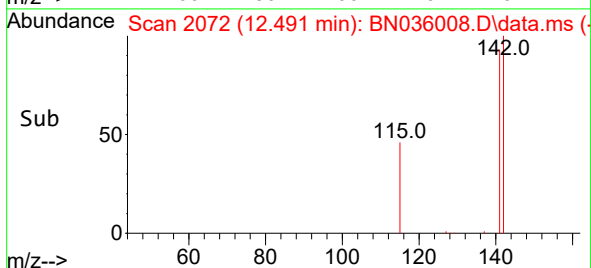
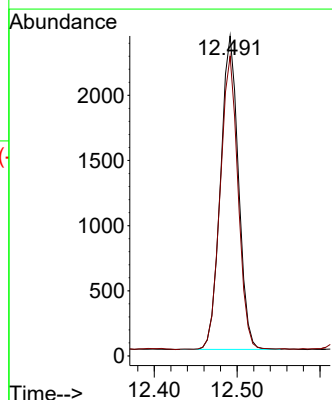
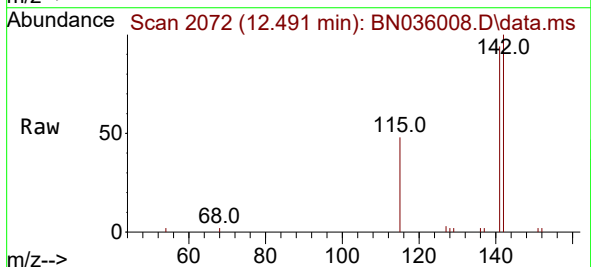
Instrument :
BNA_N
ClientSampleId :
SICV201

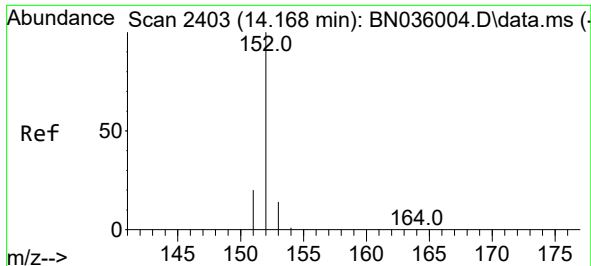
Tgt Ion:142 Resp: 3880
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.368 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. -0.000 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:142 Resp: 3612
Ion Ratio Lower Upper
142 100
141 93.1 75.2 112.8

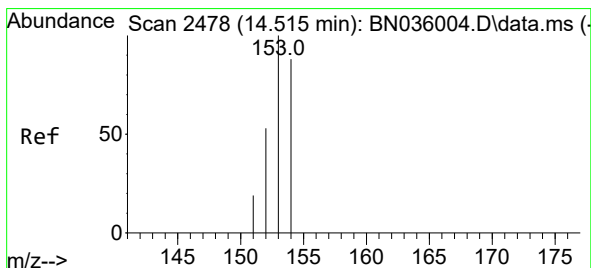
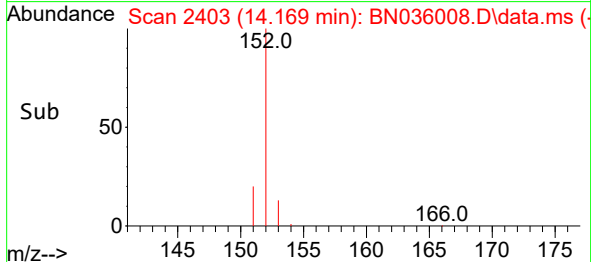
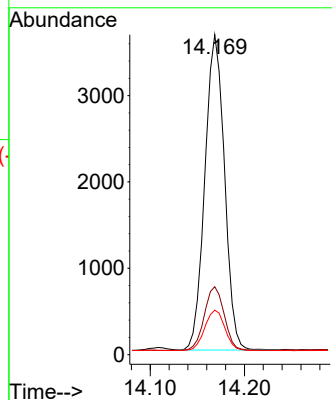
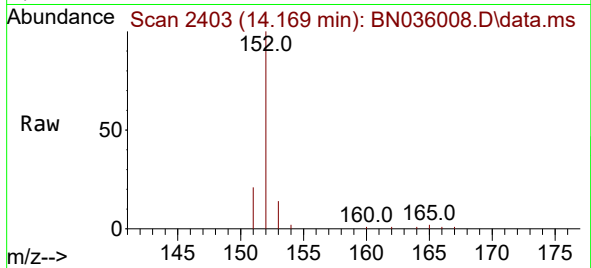




#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.169 min Scan# 2403
Delta R.T. 0.001 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

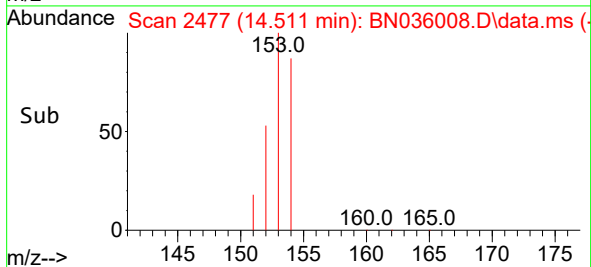
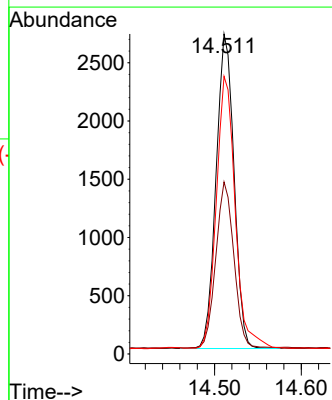
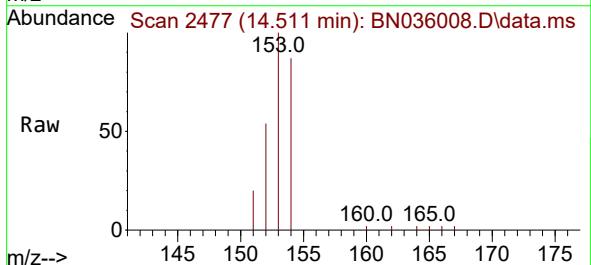
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BNA_N
ClientSampleId :
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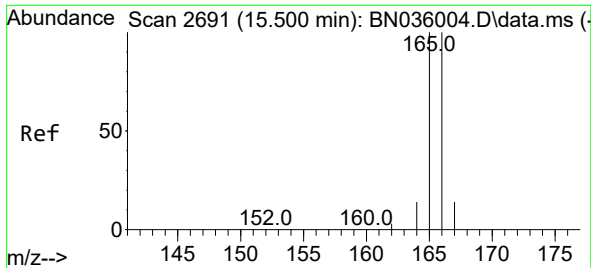
Tgt Ion:152 Resp: 5278
Ion Ratio Lower Upper
152 100
151 21.3 17.4 26.2
153 13.9 11.9 17.9



#11
Acenaphthene
Concen: 0.398 ng/ul
RT: 14.511 min Scan# 2477
Delta R.T. -0.004 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:153 Resp: 3887
Ion Ratio Lower Upper
153 100
152 53.8 43.2 64.8
154 86.7 70.5 105.7

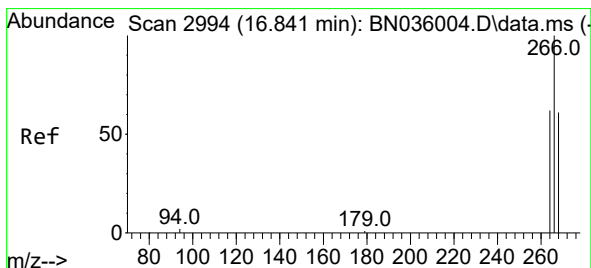
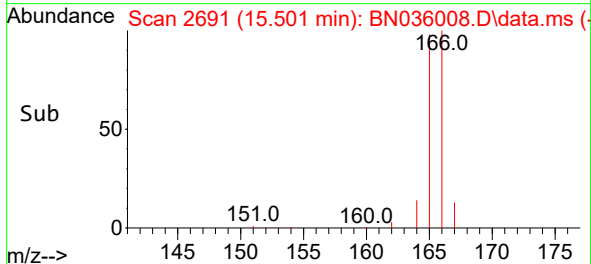
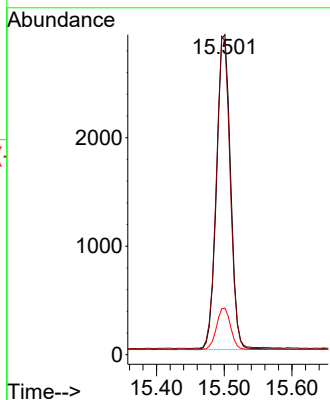
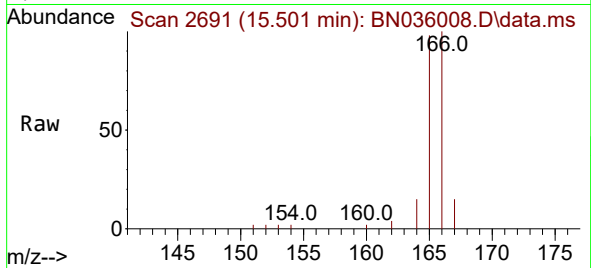




#12
 Fluorene
 Concen: 0.385 ng/ul
 RT: 15.501 min Scan# 2691
 Delta R.T. 0.001 min
 Lab File: BN036008.D
 Acq: 21 Jan 2025 16:41

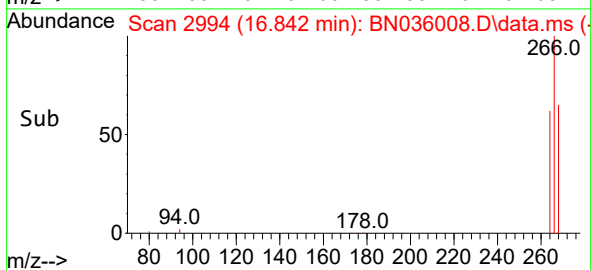
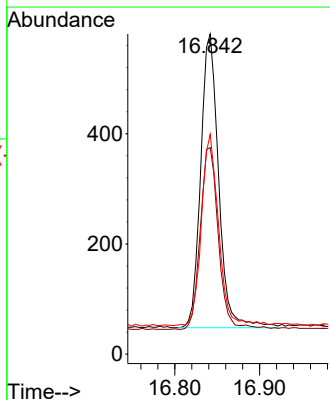
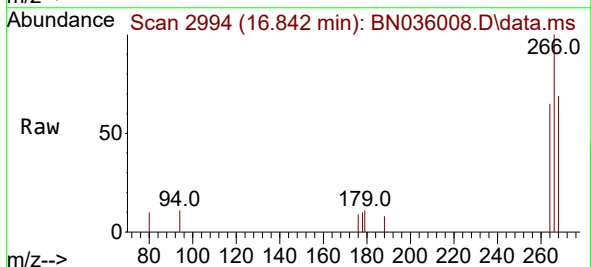
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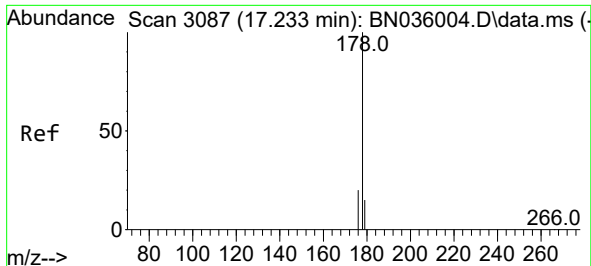
Tgt Ion:166 Resp: 4146
 Ion Ratio Lower Upper
 166 100
 165 98.0 80.3 120.5
 167 14.6 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.400 ng/ul
 RT: 16.842 min Scan# 2994
 Delta R.T. 0.001 min
 Lab File: BN036008.D
 Acq: 21 Jan 2025 16:41

Tgt Ion:266 Resp: 786
 Ion Ratio Lower Upper
 266 100
 264 62.5 50.6 75.8
 268 62.3 50.6 75.8

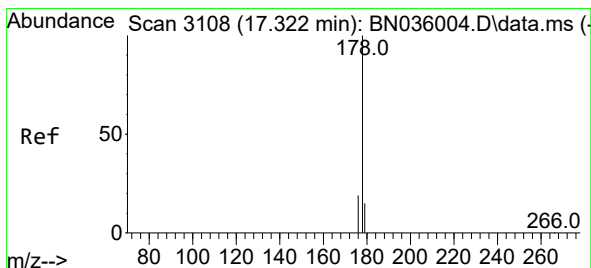
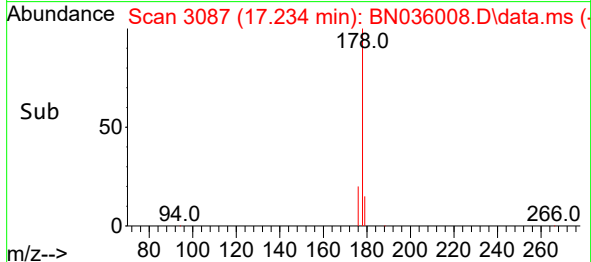
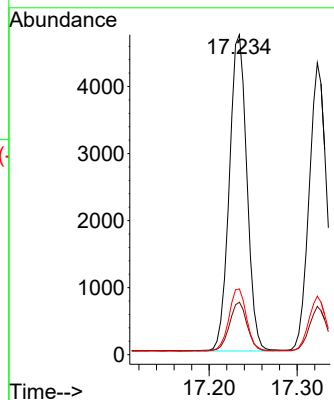
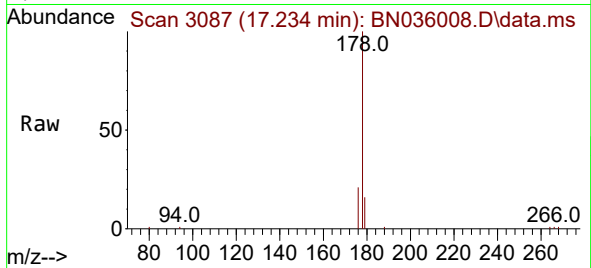




#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.234 min Scan# 3087
Delta R.T. 0.001 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

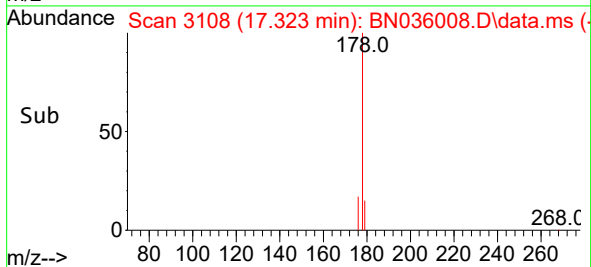
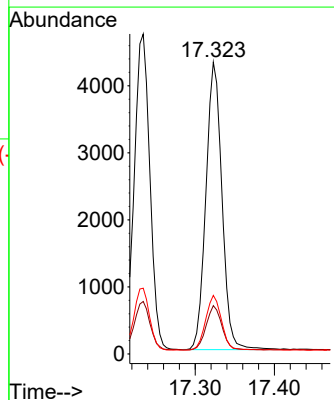
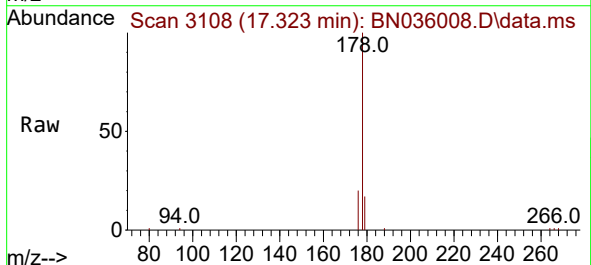
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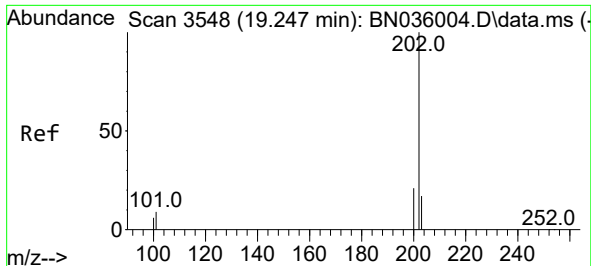
Tgt Ion:178 Resp: 6535
Ion Ratio Lower Upper
178 100
179 16.4 13.2 19.8
176 20.6 16.8 25.2



#16
Anthracene
Concen: 0.395 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:178 Resp: 6034
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 20.1 15.9 23.9

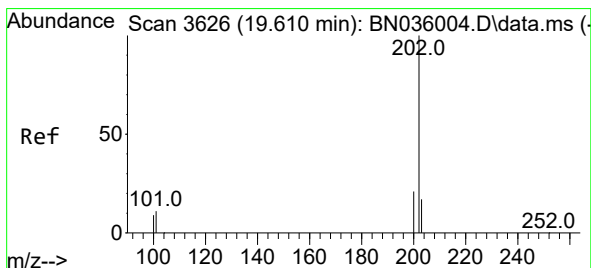
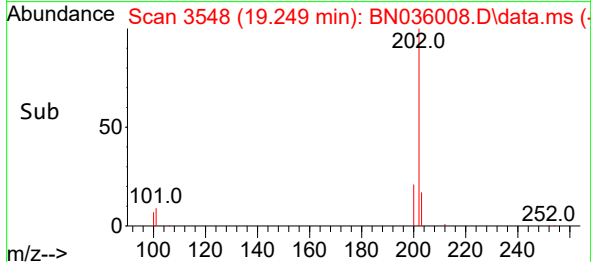
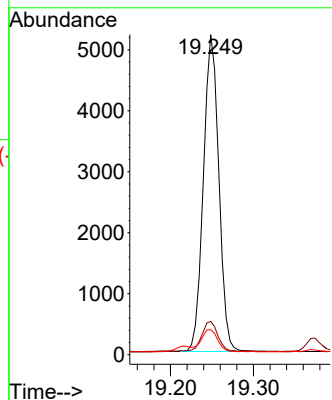
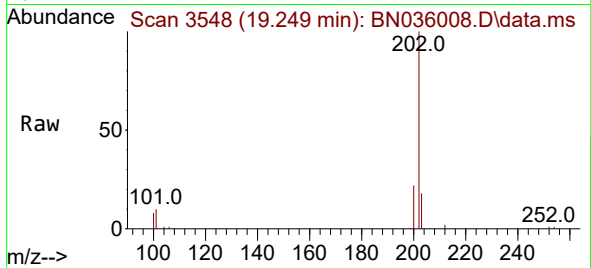




#19
Fluoranthene
Concen: 0.400 ng/ul
RT: 19.249 min Scan# 3548
Delta R.T. 0.001 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

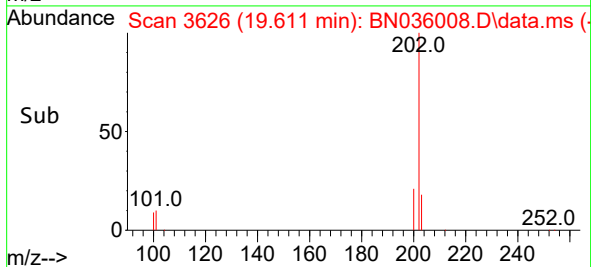
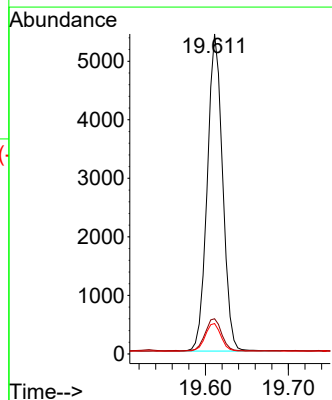
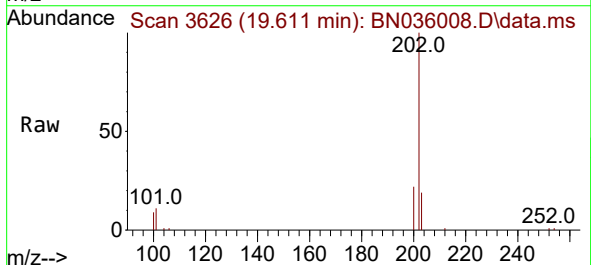
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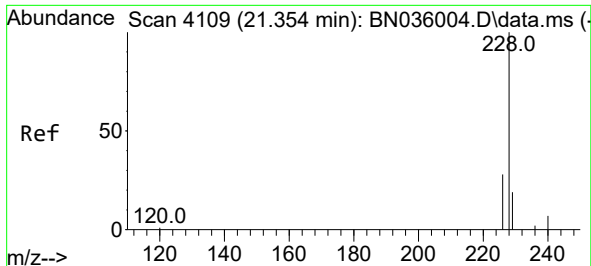
Tgt Ion:202 Resp: 6734
Ion Ratio Lower Upper
202 100
101 10.4 8.4 12.6
100 7.8 6.5 9.7



#20
Pyrene
Concen: 0.397 ng/ul
RT: 19.611 min Scan# 3626
Delta R.T. 0.001 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

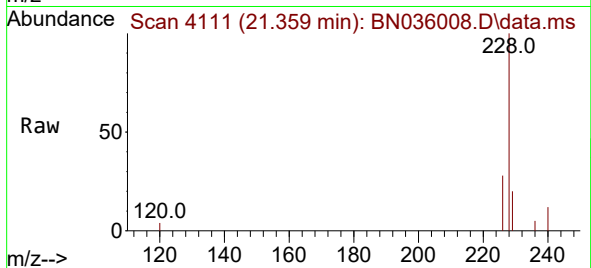
Tgt Ion:202 Resp: 6975
Ion Ratio Lower Upper
202 100
101 11.0 9.3 13.9
100 9.5 7.5 11.3



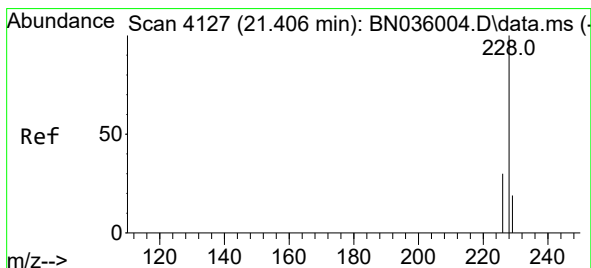
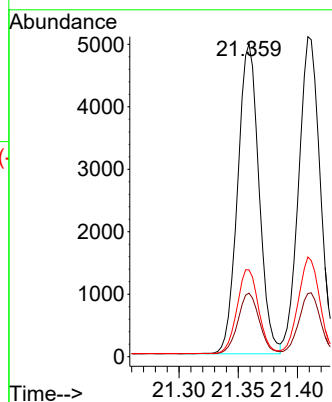
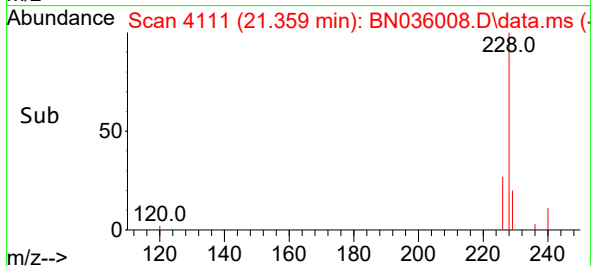


#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.359 min Scan# 4111
Delta R.T. 0.005 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

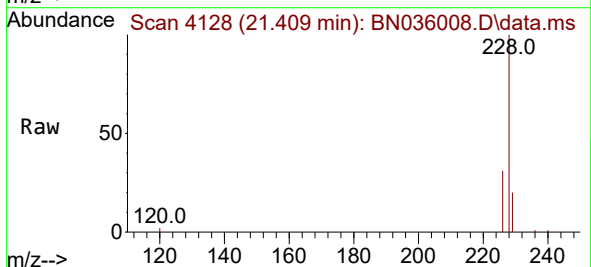
Instrument :
BNA_N
ClientSampleId :
SICV201



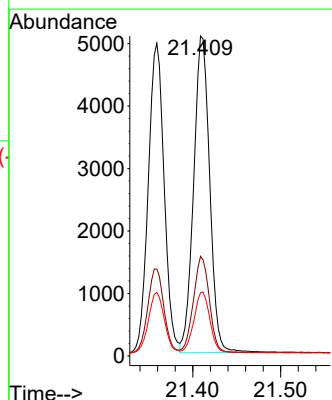
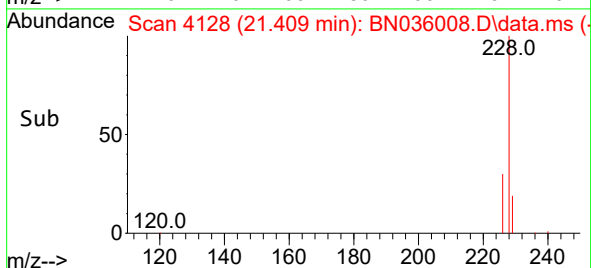
Tgt Ion:228 Resp: 6207
Ion Ratio Lower Upper
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229 20.3 15.9 23.9
226 27.8 22.8 34.2

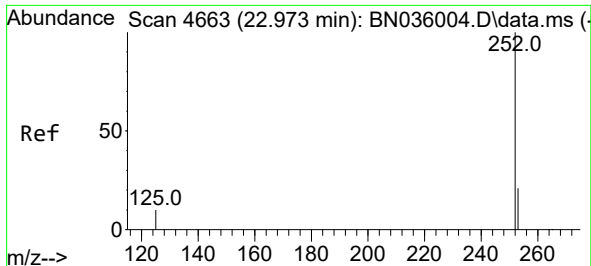


#22
Chrysene
Concen: 0.398 ng/ul
RT: 21.409 min Scan# 4128
Delta R.T. 0.002 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41



Tgt Ion:228 Resp: 6425
Ion Ratio Lower Upper
228 100
226 31.2 24.4 36.6
229 19.8 15.9 23.9

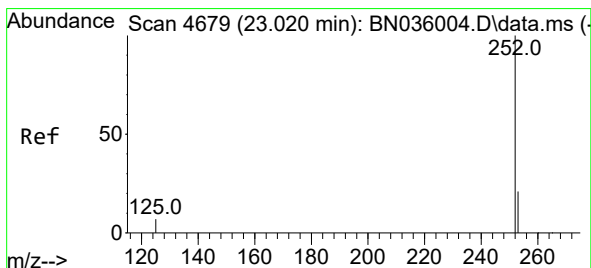
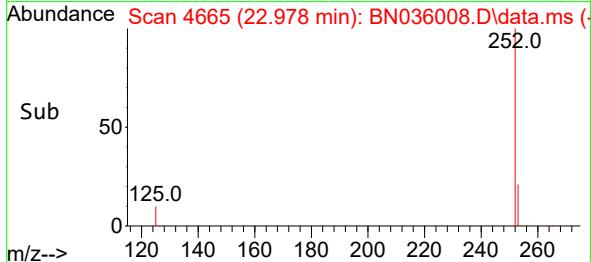
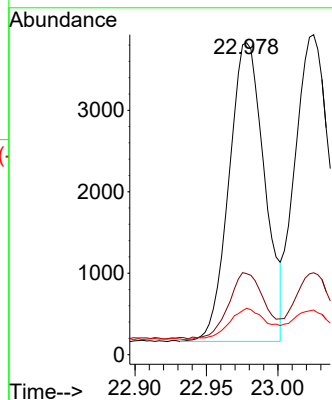
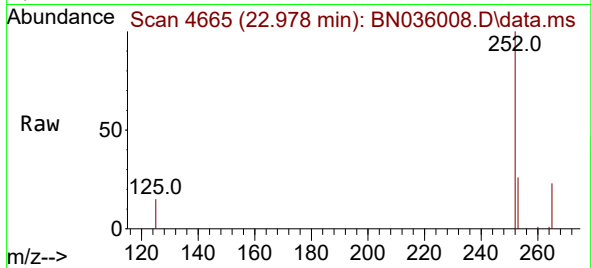




#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 22.978 min Scan# 4665
Delta R.T. 0.005 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

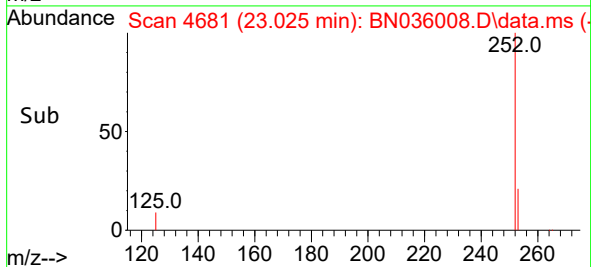
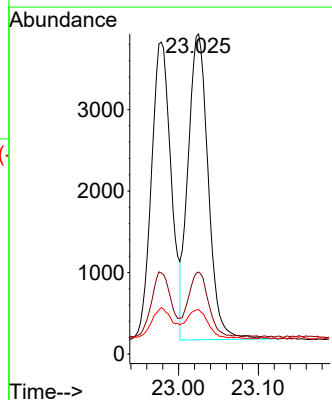
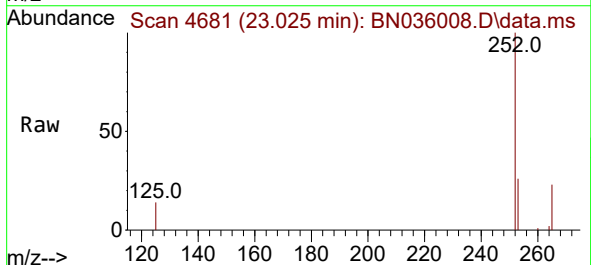
Instrument :
BNA_N
ClientSampleId :
SICV201

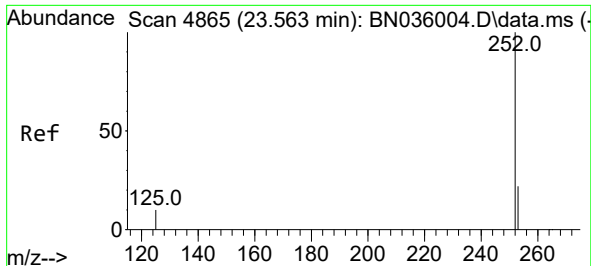
Tgt Ion:252 Resp: 6352
Ion Ratio Lower Upper
252 100
253 25.9 0.0 51.2
125 14.9 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.398 ng/ul
RT: 23.025 min Scan# 4681
Delta R.T. 0.005 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:252 Resp: 6588
Ion Ratio Lower Upper
252 100
253 25.6 20.2 30.4
125 14.0 10.6 16.0

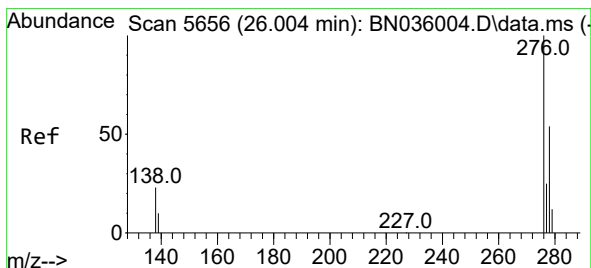
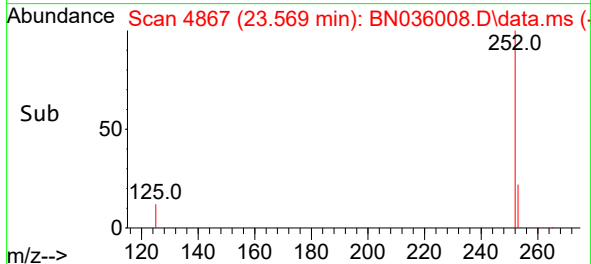
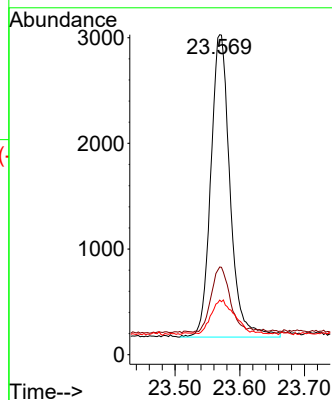
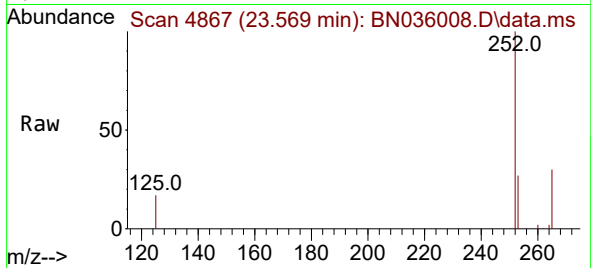




#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.569 min Scan# 4865
Delta R.T. 0.005 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

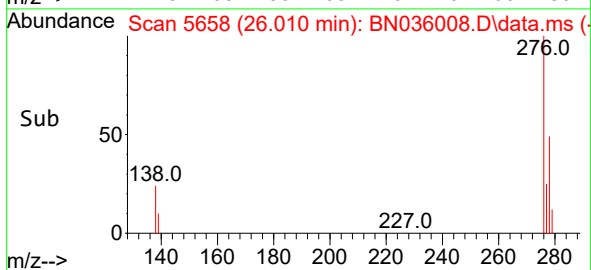
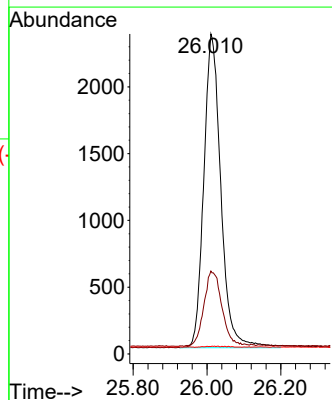
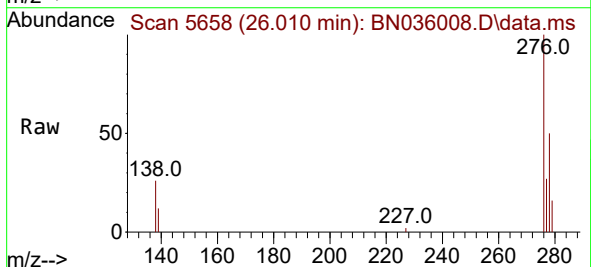
Instrument :
BNA_N
ClientSampleId :
SICV201

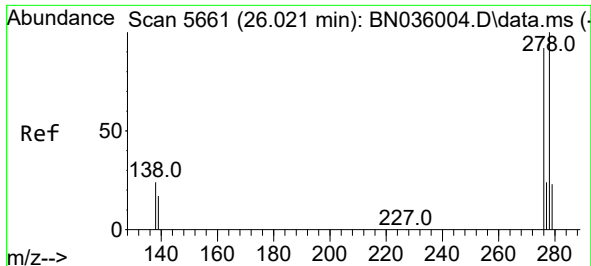
Tgt Ion:252 Resp: 5919
Ion Ratio Lower Upper
252 100
253 27.4 22.2 33.4
125 17.1 13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 26.010 min Scan# 5658
Delta R.T. 0.006 min
Lab File: BN036008.D
Acq: 21 Jan 2025 16:41

Tgt Ion:276 Resp: 7521
Ion Ratio Lower Upper
276 100
138 25.3 20.2 30.4
227 0.1 0.1 0.1

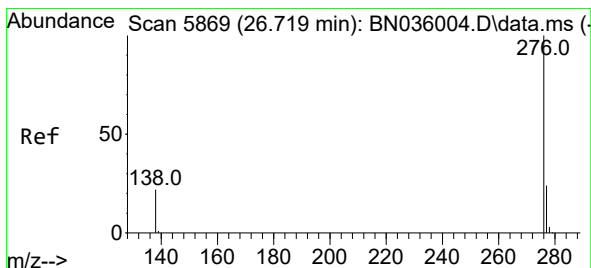
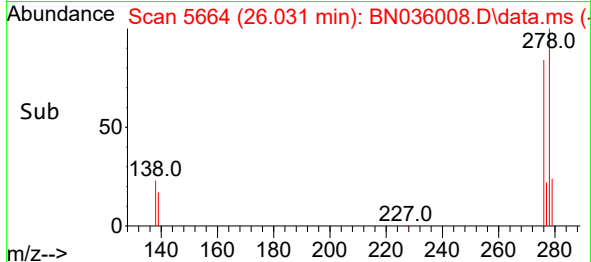
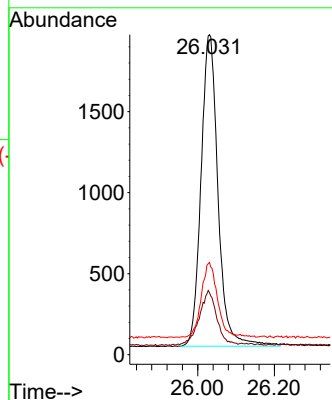
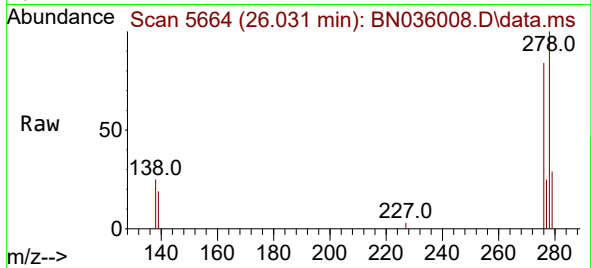




#28
 Dibenzo(a,h)anthracene
 Concen: 0.410 ng/ul
 RT: 26.031 min Scan# 5664
 Delta R.T. 0.010 min
 Lab File: BN036008.D
 Acq: 21 Jan 2025 16:41

Instrument :
 BNA_N
 ClientSampleId :
 SICV201

Tgt Ion:278 Resp: 5936
 Ion Ratio Lower Upper
 278 100
 139 19.4 15.4 23.2
 279 28.9 22.2 33.4



#29
 Benzo(g,h,i)perylene
 Concen: 0.392 ng/ul
 RT: 26.732 min Scan# 5873
 Delta R.T. 0.013 min
 Lab File: BN036008.D
 Acq: 21 Jan 2025 16:41

Tgt Ion:276 Resp: 5725
 Ion Ratio Lower Upper
 276 100
 138 22.7 19.4 29.0
 277 25.8 21.1 31.7

