

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
 Data File : BN035956.D
 Acq On : 17 Jan 2025 17:26
 Operator : RC/JU
 Sample : PB166086BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS086

Quant Time: Jan 17 17:48:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 10:40:45 2025
 Response via : Initial Calibration

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

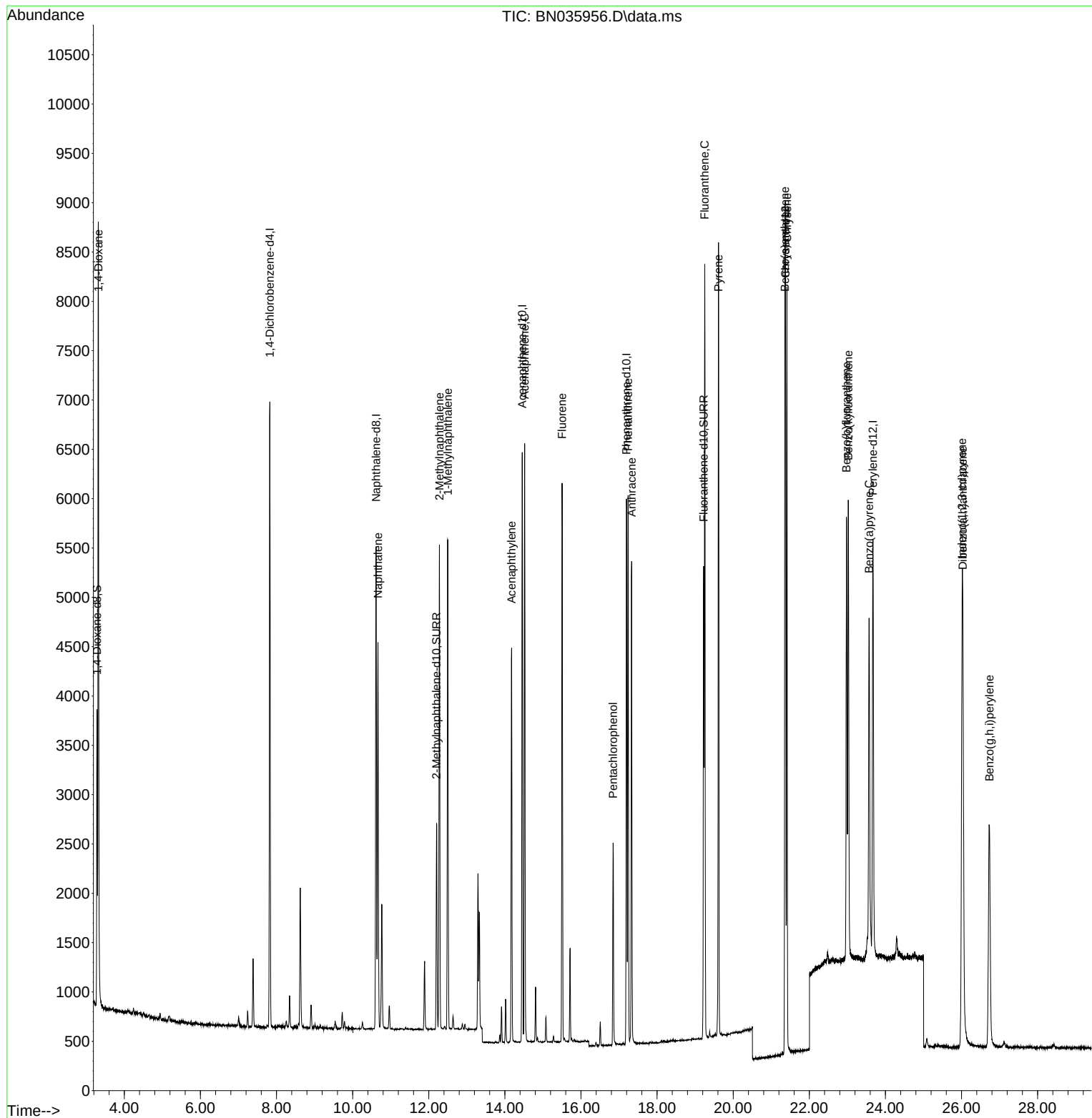
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	3061	0.400	ng/ul	0.00
4) Naphthalene-d8	10.615	136	6225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.459	164	3191	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	6417	0.400	ng/ul	0.00
17) Chrysene-d12	21.375	240	5679	0.400	ng/ul	0.00
23) Perylene-d12	23.672	264	5849	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	1751	0.567	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.204	152	2595	0.321	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	5066	0.337	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.318	88	4794	1.426	ng/ul#	81
5) Naphthalene	10.664	128	5133	0.310	ng/ul	99
7) 2-Methylnaphthalene	12.281	142	3195	0.304	ng/ul	99
8) 1-Methylnaphthalene	12.501	142	3180	0.300	ng/ul	100
10) Acenaphthylene	14.176	152	4457	0.298	ng/ul	98
11) Acenaphthene	14.519	153	3312	0.318	ng/ul	98
12) Fluorene	15.504	166	3512	0.314	ng/ul	99
14) Pentachlorophenol	16.845	266	1292	0.840	ng/ul	97
15) Phenanthrene	17.237	178	5677	0.321	ng/ul	99
16) Anthracene	17.330	178	5189	0.304	ng/ul	99
19) Fluoranthene	19.252	202	6399	0.324	ng/ul	99
20) Pyrene	19.615	202	6568	0.319	ng/ul	99
21) Benzo(a)anthracene	21.360	228	6024	0.310	ng/ul	99
22) Chrysene	21.412	228	6135	0.318	ng/ul	99
24) Benzo(b)fluoranthene	22.976	252	5852	0.332	ng/ul	97
25) Benzo(k)fluoranthene	23.026	252	6200	0.343	ng/ul	97
26) Benzo(a)pyrene	23.570	252	5324	0.322	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.015	276	6652	0.310	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.035	278	5137	0.304	ng/ul	96
29) Benzo(g,h,i)perylene	26.732	276	5062	0.298	ng/ul	99

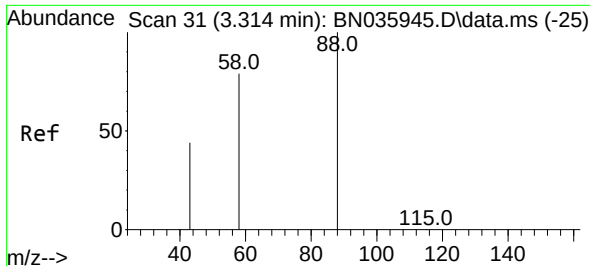
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035956.D
Acq On : 17 Jan 2025 17:26
Operator : RC/JU
Sample : PB166086BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS086

Quant Time: Jan 17 17:48:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration

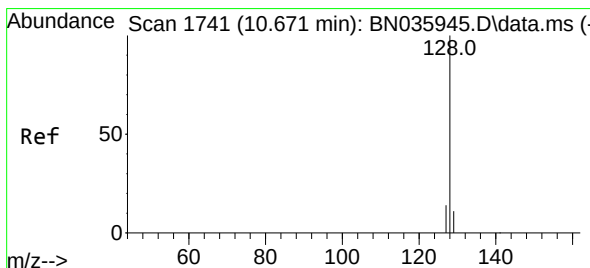
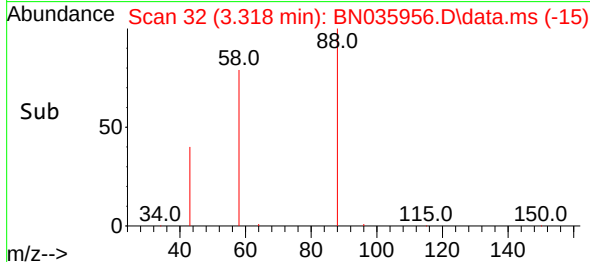
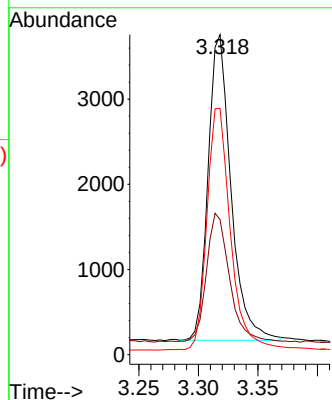
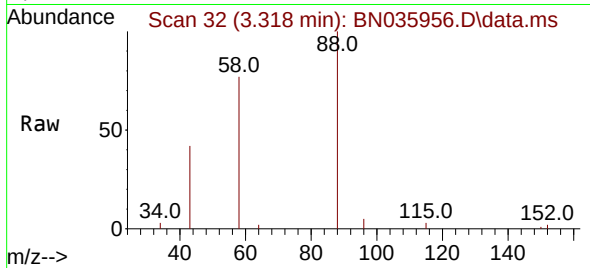




#2
1,4-Dioxane
Concen: 1.426 ng/ul
RT: 3.318 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

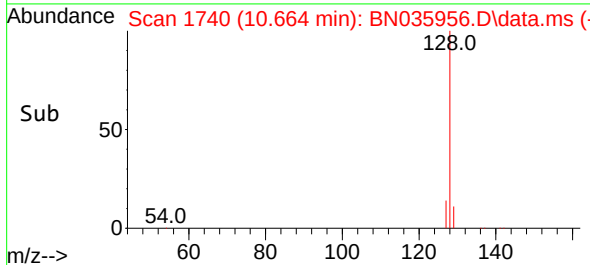
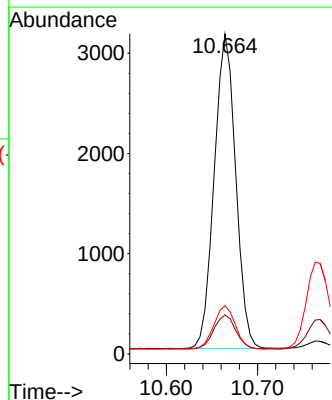
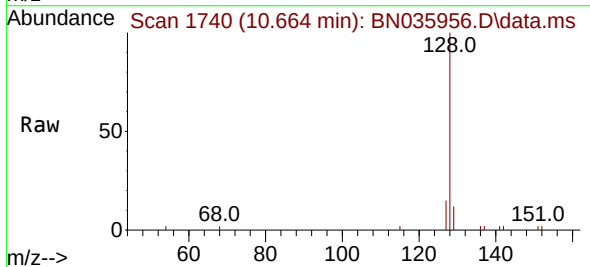
Instrument :
BNA_N
ClientSampleId :
SLCS086

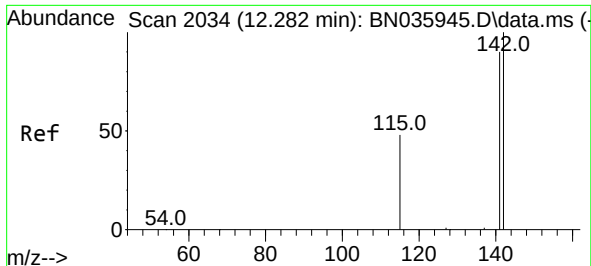
Tgt Ion: 88 Resp: 4794
Ion Ratio Lower Upper
88 100
43 42.3 57.8 86.8#
58 76.9 60.0 90.0



#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.664 min Scan# 1740
Delta R.T. -0.007 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:128 Resp: 5133
Ion Ratio Lower Upper
128 100
129 12.2 10.6 16.0
127 15.1 12.0 18.0

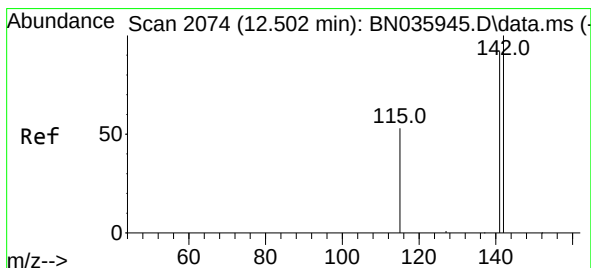
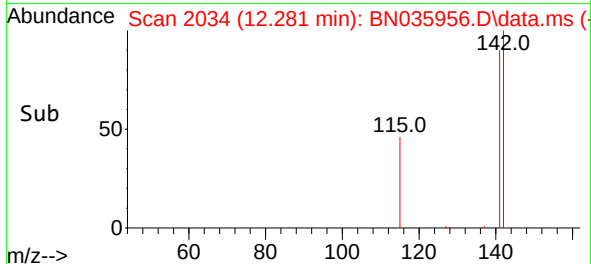
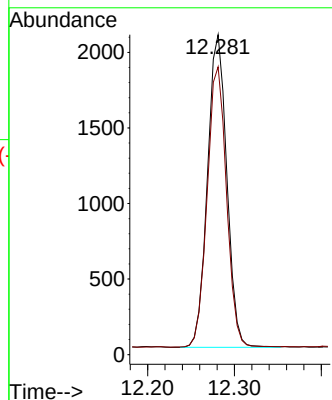
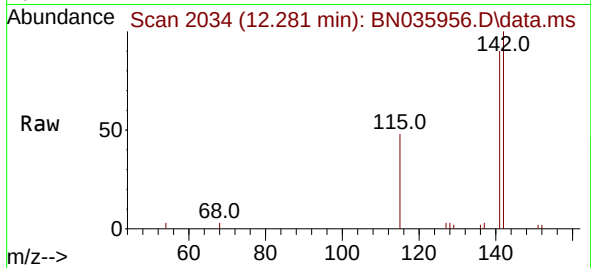




#7
2-Methylnaphthalene
Concen: 0.304 ng/ul
RT: 12.281 min Scan# 2034
Delta R.T. -0.007 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

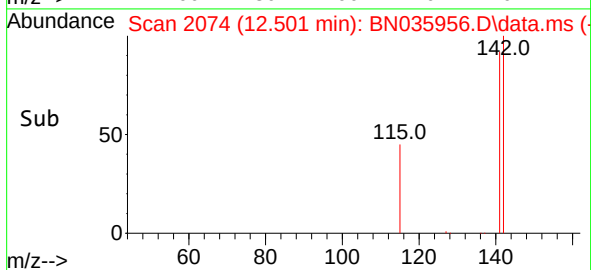
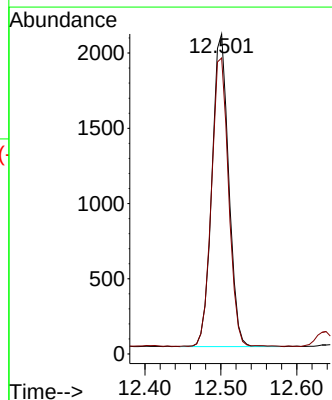
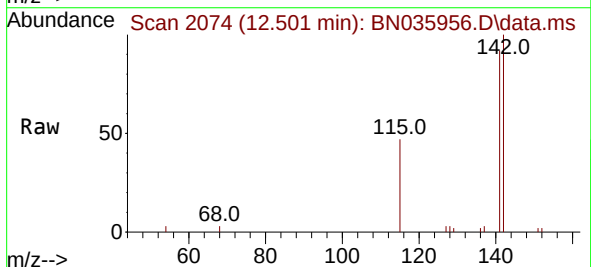
Instrument :
BNA_N
ClientSampleId :
SLCS086

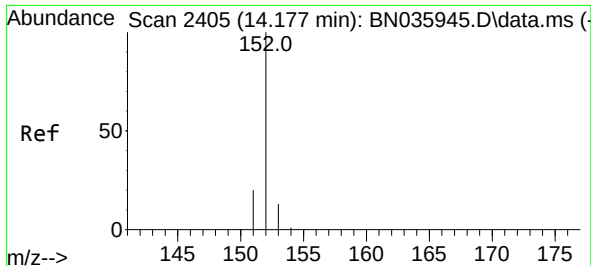
Tgt Ion:142 Resp: 3195
Ion Ratio Lower Upper
142 100
141 89.8 72.6 109.0



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.501 min Scan# 2074
Delta R.T. -0.007 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:142 Resp: 3180
Ion Ratio Lower Upper
142 100
141 94.0 75.1 112.7

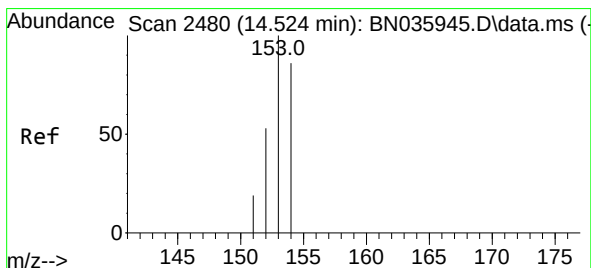
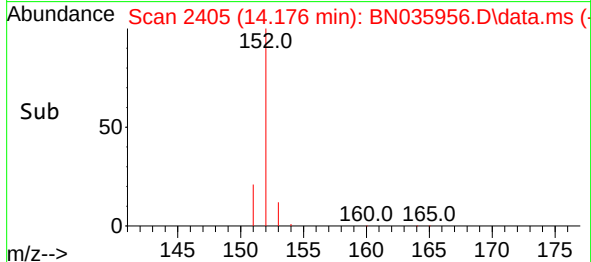
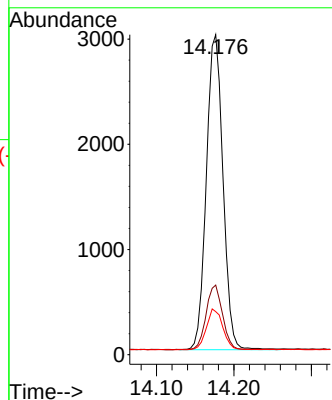
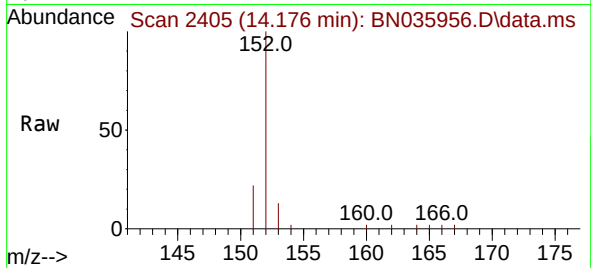




#10
Acenaphthylene
Concen: 0.298 ng/ul
RT: 14.176 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

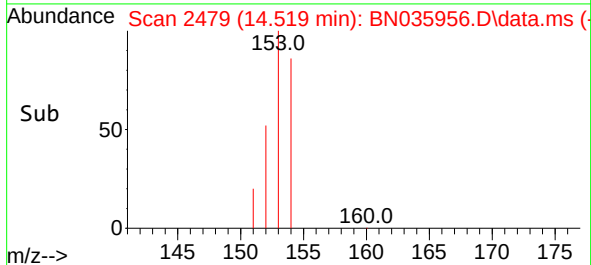
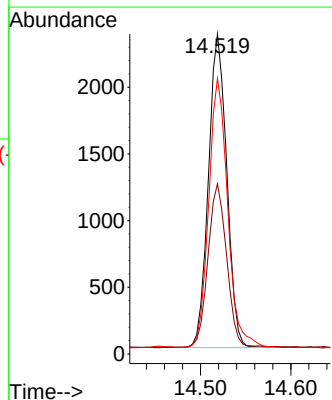
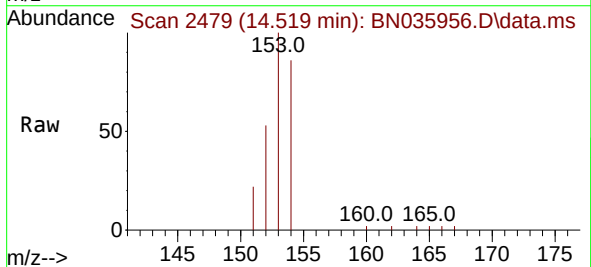
Instrument :
BNA_N
ClientSampleId :
SLCS086

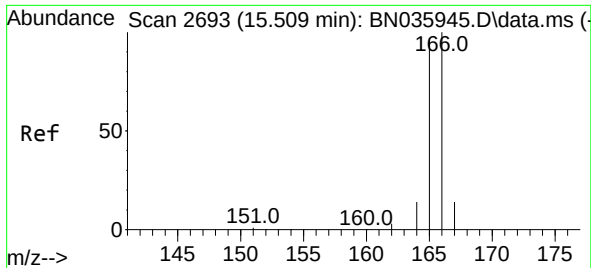
Tgt Ion:152 Resp: 4457
Ion Ratio Lower Upper
152 100
151 21.8 17.8 26.6
153 13.4 11.9 17.9



#11
Acenaphthene
Concen: 0.318 ng/ul
RT: 14.519 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:153 Resp: 3312
Ion Ratio Lower Upper
153 100
152 53.2 40.6 60.8
154 86.0 69.4 104.0

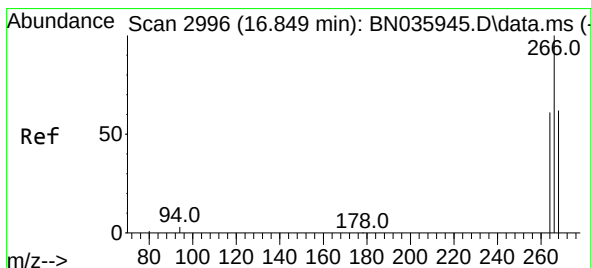
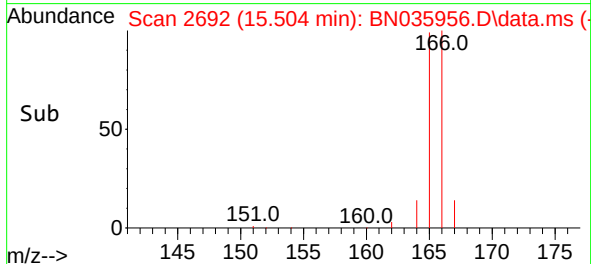
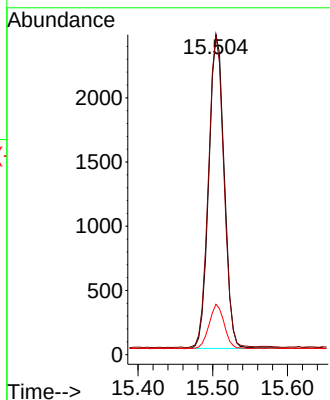
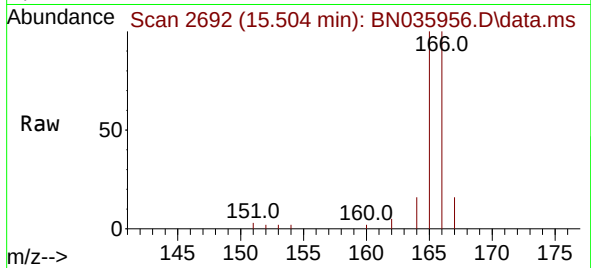




#12
 Fluorene
 Concen: 0.314 ng/ul
 RT: 15.504 min Scan# 2692
 Delta R.T. -0.005 min
 Lab File: BN035956.D
 Acq: 17 Jan 2025 17:26

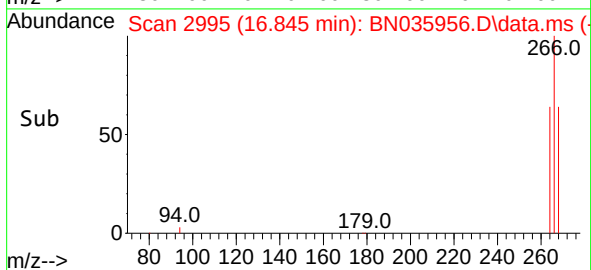
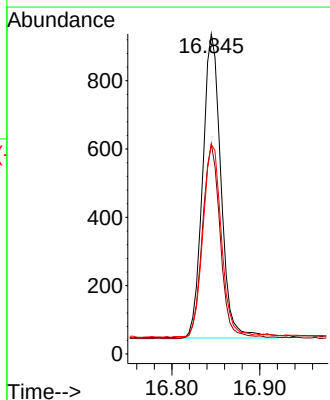
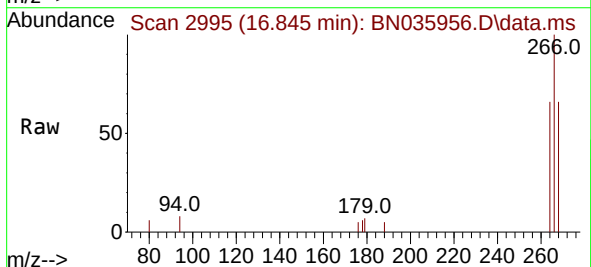
Instrument :
 BNA_N
 ClientSampleId :
 SLCS086

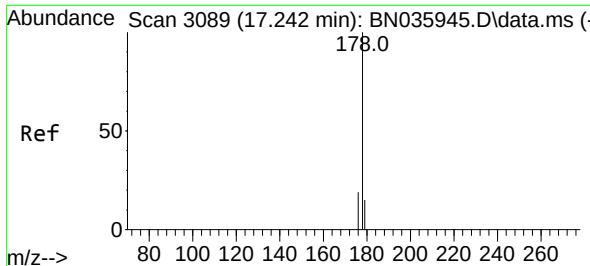
Tgt Ion:166	Resp:	3512
Ion	Ratio	Lower Upper
166	100	
165	99.7	79.0 118.6
167	15.7	12.2 18.4



#14
 Pentachlorophenol
 Concen: 0.840 ng/ul
 RT: 16.845 min Scan# 2995
 Delta R.T. -0.004 min
 Lab File: BN035956.D
 Acq: 17 Jan 2025 17:26

Tgt Ion:266	Resp:	1292
Ion	Ratio	Lower Upper
266	100	
264	62.8	50.1 75.1
268	65.1	55.5 83.3

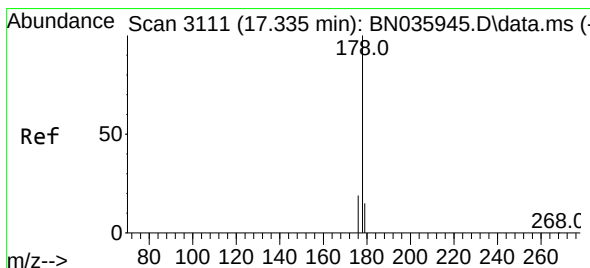
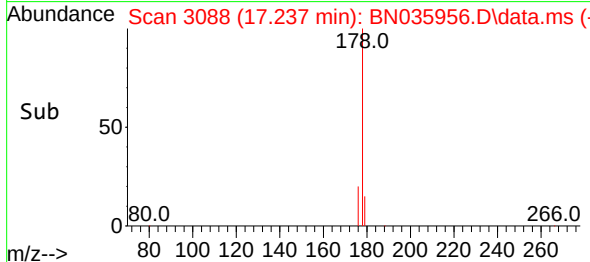
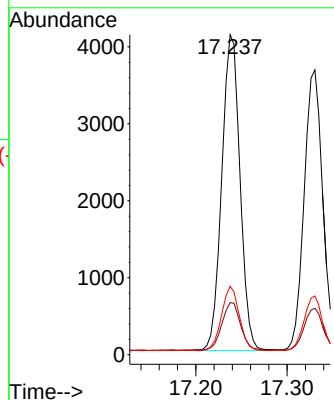
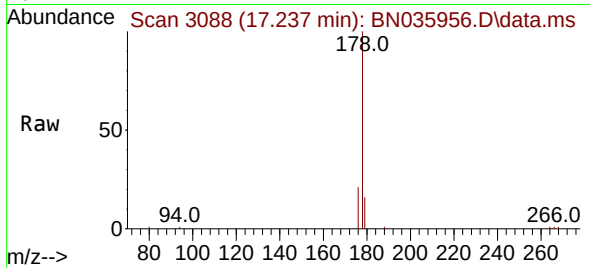




#15
Phenanthrene
Concen: 0.321 ng/ul
RT: 17.237 min Scan# 3088
Delta R.T. -0.004 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

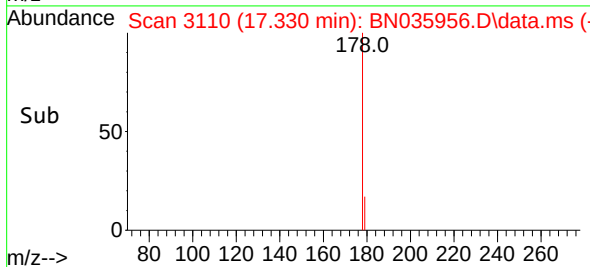
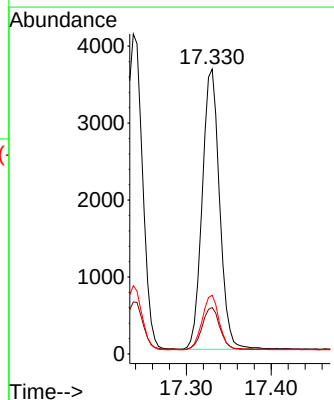
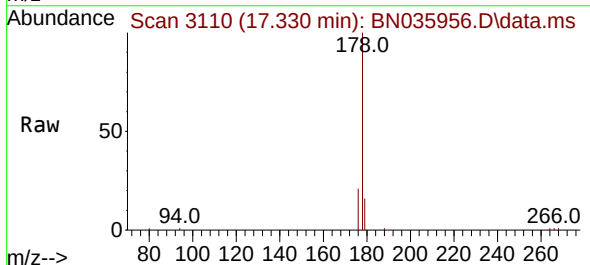
Instrument :
BNA_N
ClientSampleId :
SLCS086

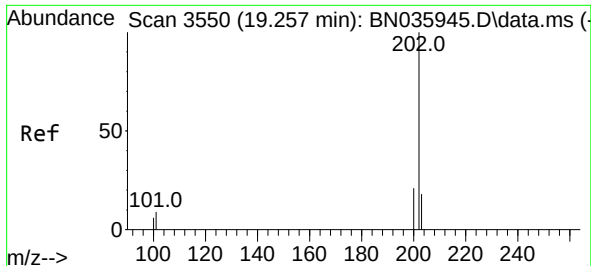
Tgt Ion:178 Resp: 5677
Ion Ratio Lower Upper
178 100
179 16.2 13.4 20.0
176 21.3 16.8 25.2



#16
Anthracene
Concen: 0.304 ng/ul
RT: 17.330 min Scan# 3110
Delta R.T. -0.004 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:178 Resp: 5189
Ion Ratio Lower Upper
178 100
179 16.3 13.8 20.8
176 20.6 16.3 24.5

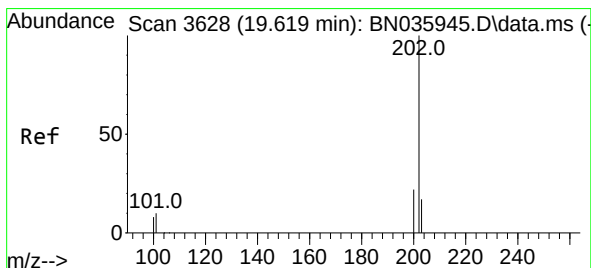
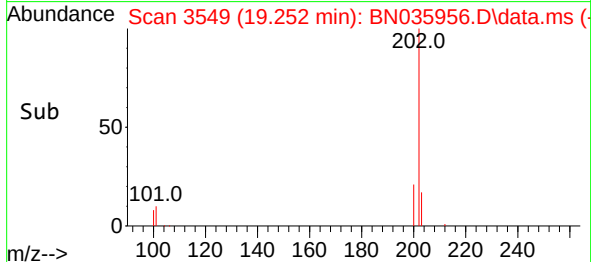
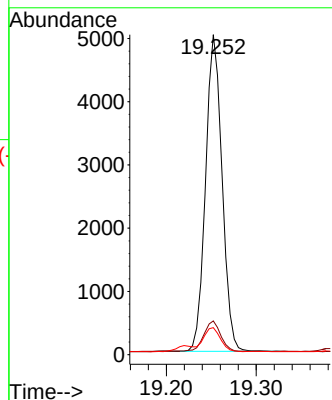
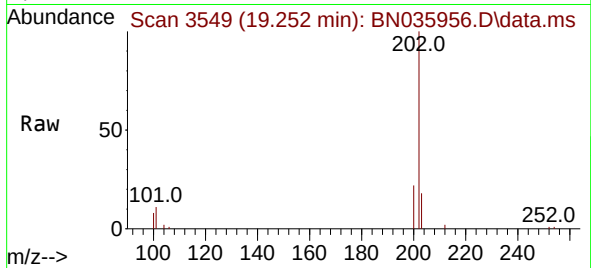




#19
Fluoranthene
Concen: 0.324 ng/ul
RT: 19.252 min Scan# 31
Delta R.T. -0.004 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

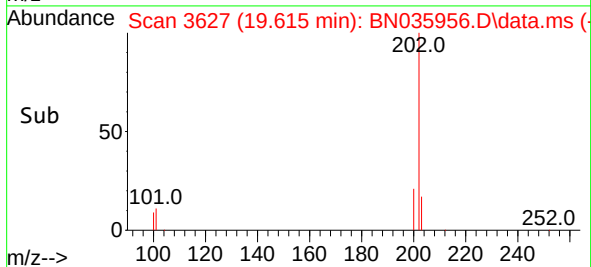
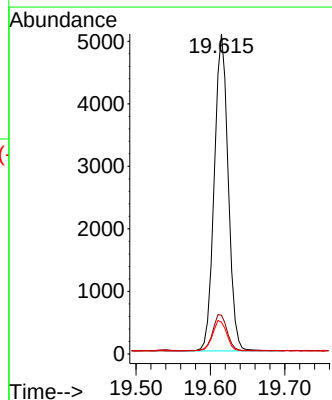
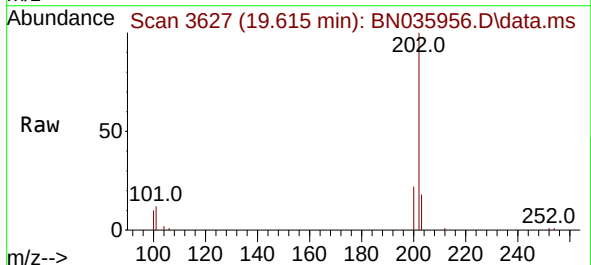
Instrument :
BNA_N
ClientSampleId :
SLCS086

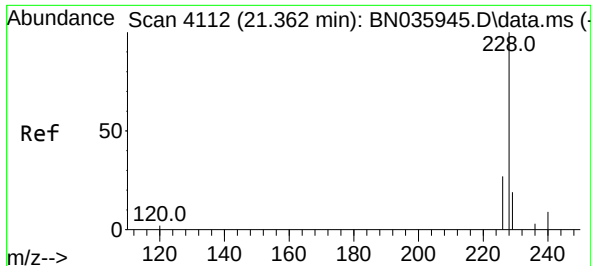
Tgt Ion:202 Resp: 6399
Ion Ratio Lower Upper
202 100
101 10.5 8.7 13.1
100 8.5 7.1 10.7



#20
Pyrene
Concen: 0.319 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. -0.004 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:202 Resp: 6568
Ion Ratio Lower Upper
202 100
101 12.1 9.8 14.6
100 9.9 8.2 12.2

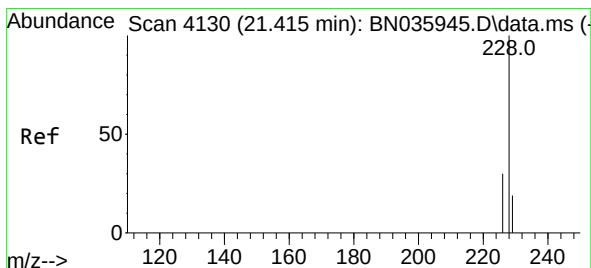
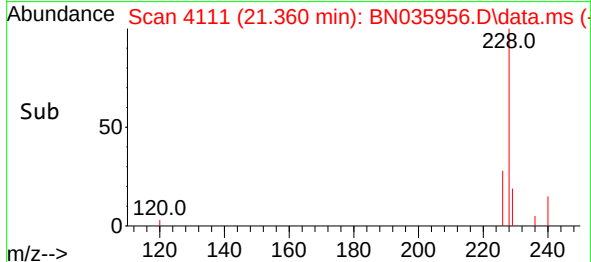
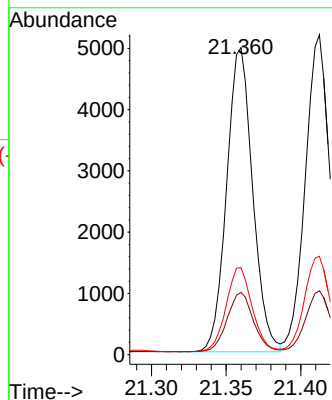
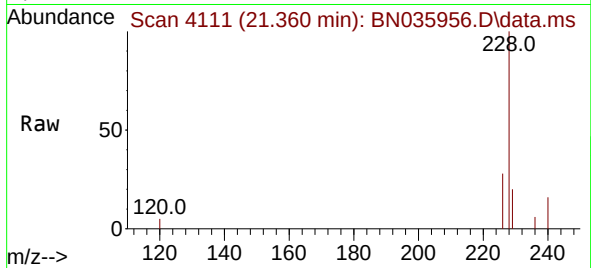




#21
Benzo(a)anthracene
Concen: 0.310 ng/ul
RT: 21.360 min Scan# 4112
Delta R.T. -0.003 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

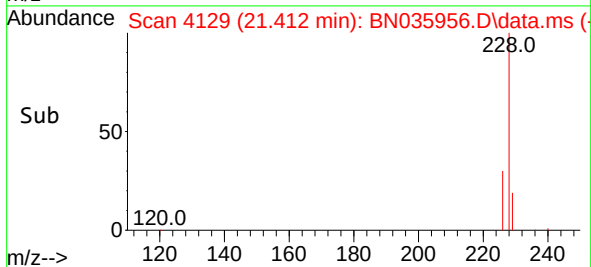
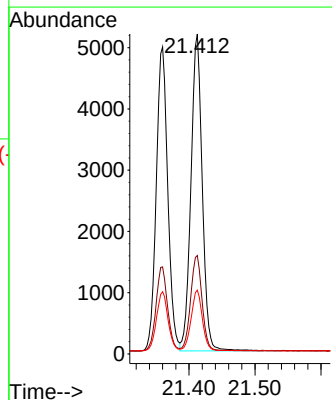
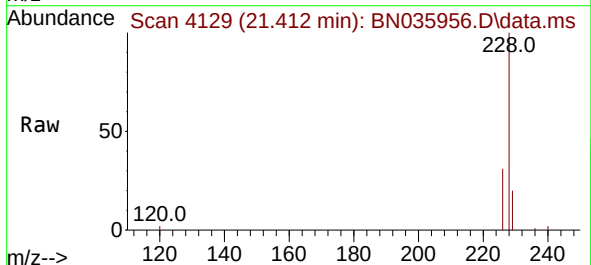
Instrument :
BNA_N
ClientSampleId :
SLCS086

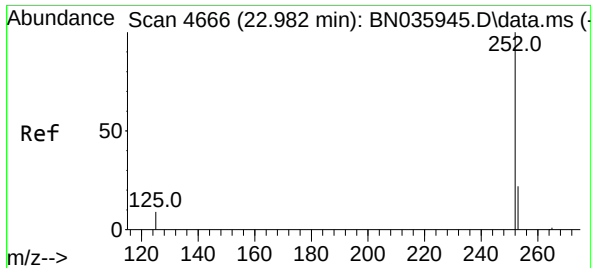
Tgt Ion:228 Resp: 6024
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.8
226 28.4 22.4 33.6



#22
Chrysene
Concen: 0.318 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. -0.003 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:228 Resp: 6135
Ion Ratio Lower Upper
228 100
226 30.7 25.3 37.9
229 20.0 15.9 23.9

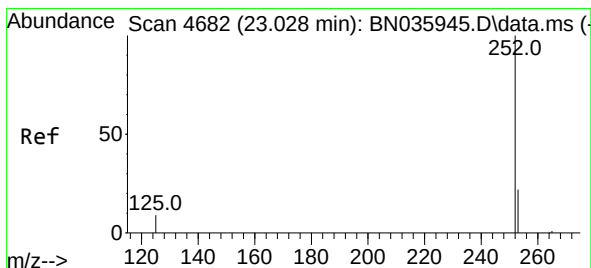
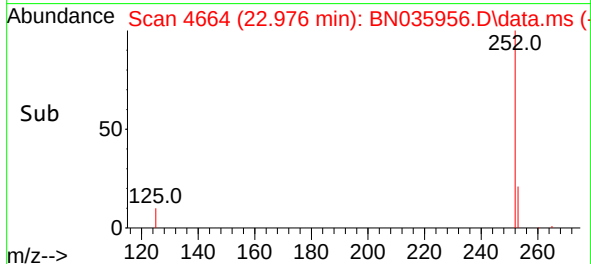
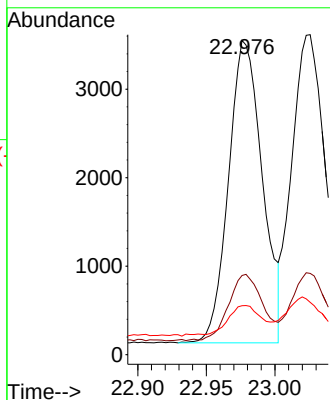
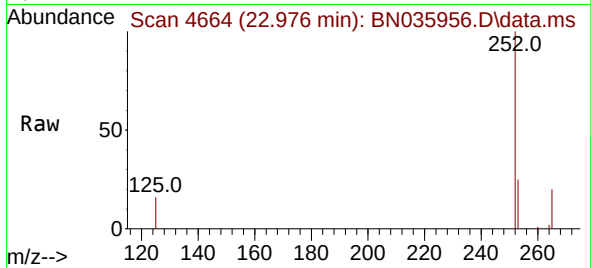




#24
Benzo(b)fluoranthene
Concen: 0.332 ng/ul
RT: 22.976 min Scan# 4664
Delta R.T. -0.011 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

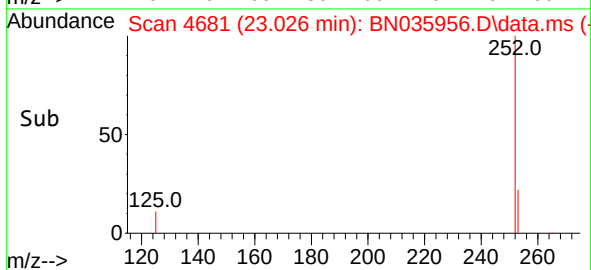
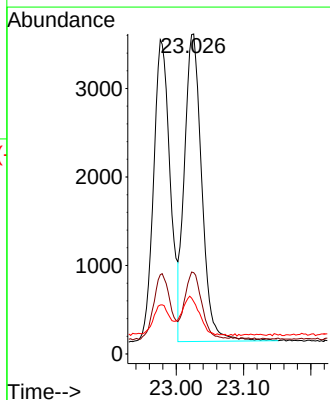
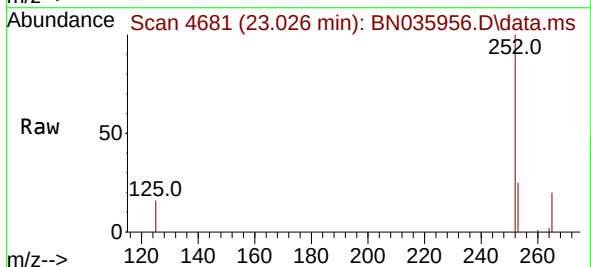
Instrument :
BNA_N
ClientSampleId :
SLCS086

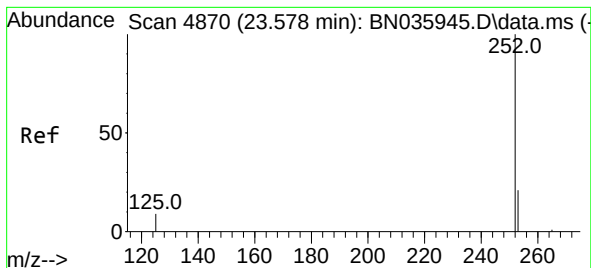
Tgt Ion:252 Resp: 5852
Ion Ratio Lower Upper
252 100
253 25.2 0.0 49.4
125 15.6 0.0 26.4



#25
Benzo(k)fluoranthene
Concen: 0.343 ng/ul
RT: 23.026 min Scan# 4681
Delta R.T. -0.005 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:252 Resp: 6200
Ion Ratio Lower Upper
252 100
253 25.4 19.8 29.8
125 16.4 11.4 17.0





#26

Benzo(a)pyrene

Concen: 0.322 ng/ul

RT: 23.570 min Scan# 4867

Delta R.T. -0.008 min

Lab File: BN035956.D

Acq: 17 Jan 2025 17:26

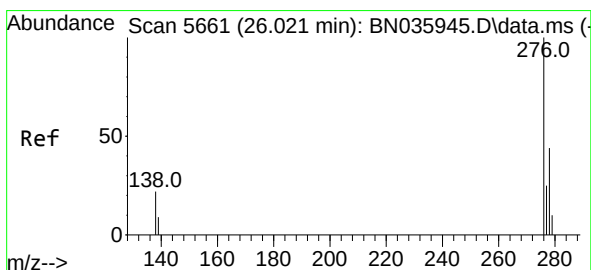
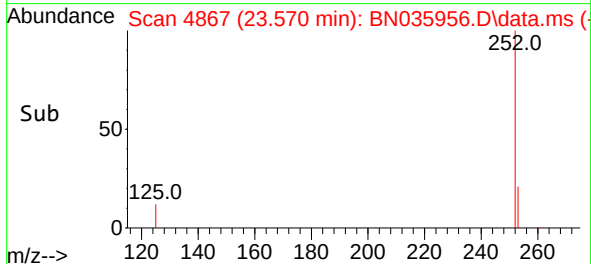
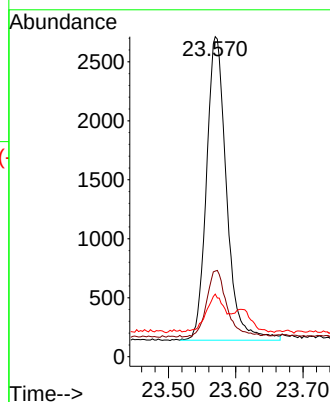
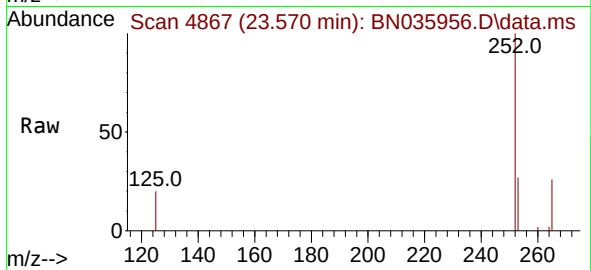
Instrument :

BNA_N

ClientSampleId :

SLCS086

Tgt Ion:252	Resp:	5324
Ion Ratio	Lower	Upper
252	100	
253	26.8	20.2 30.4
125	19.6	12.2 18.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.310 ng/ul

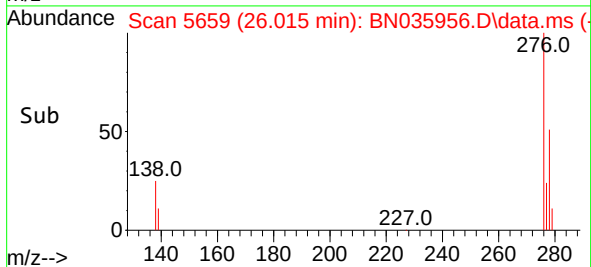
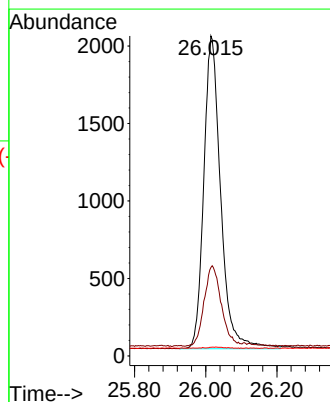
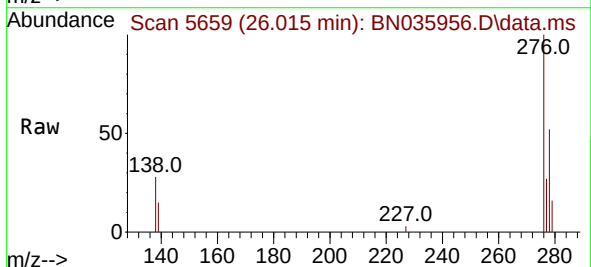
RT: 26.015 min Scan# 5659

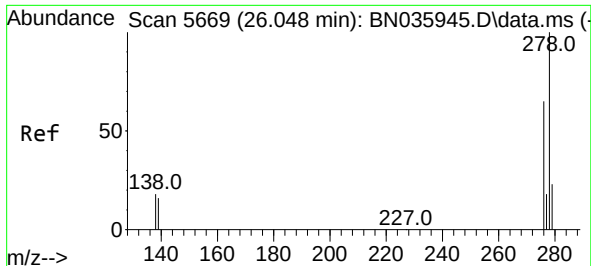
Delta R.T. -0.013 min

Lab File: BN035956.D

Acq: 17 Jan 2025 17:26

Tgt Ion:276	Resp:	6652
Ion Ratio	Lower	Upper
276	100	
138	26.1	0.1 0.1#
227	0.2	0.0 0.0#

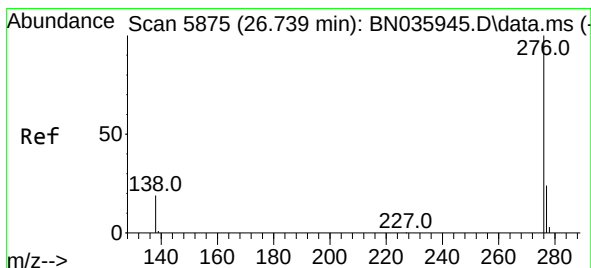
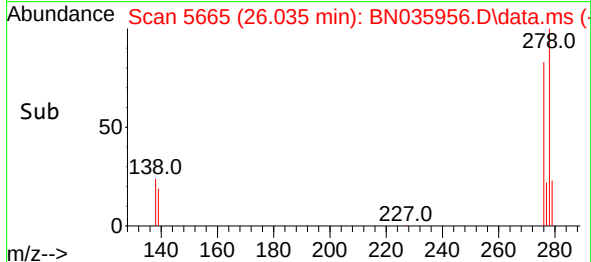
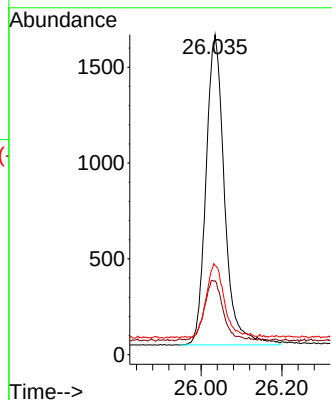
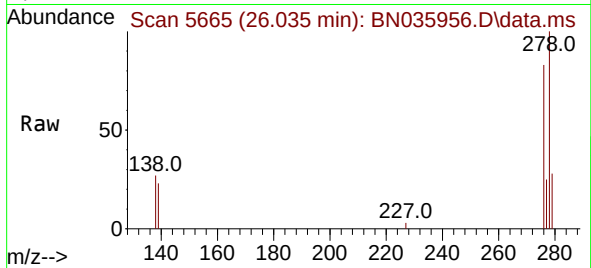




#28
Dibenzo(a,h)anthracene
Concen: 0.304 ng/ul
RT: 26.035 min Scan# 5665
Delta R.T. -0.013 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Instrument :
BNA_N
ClientSampleId :
SLCS086

Tgt Ion:278 Resp: 5137
Ion Ratio Lower Upper
278 100
139 23.1 15.5 23.3
279 27.8 22.8 34.2



#29
Benzo(g,h,i)perylene
Concen: 0.298 ng/ul
RT: 26.732 min Scan# 5873
Delta R.T. -0.006 min
Lab File: BN035956.D
Acq: 17 Jan 2025 17:26

Tgt Ion:276 Resp: 5062
Ion Ratio Lower Upper
276 100
138 25.7 19.9 29.9
277 26.4 21.0 31.6

