

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
 Data File : BN036174.D
 Acq On : 31 Jan 2025 18:51
 Operator : RC/JU
 Sample : 01197-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E2964MS

Quant Time: Feb 03 08:51:44 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)

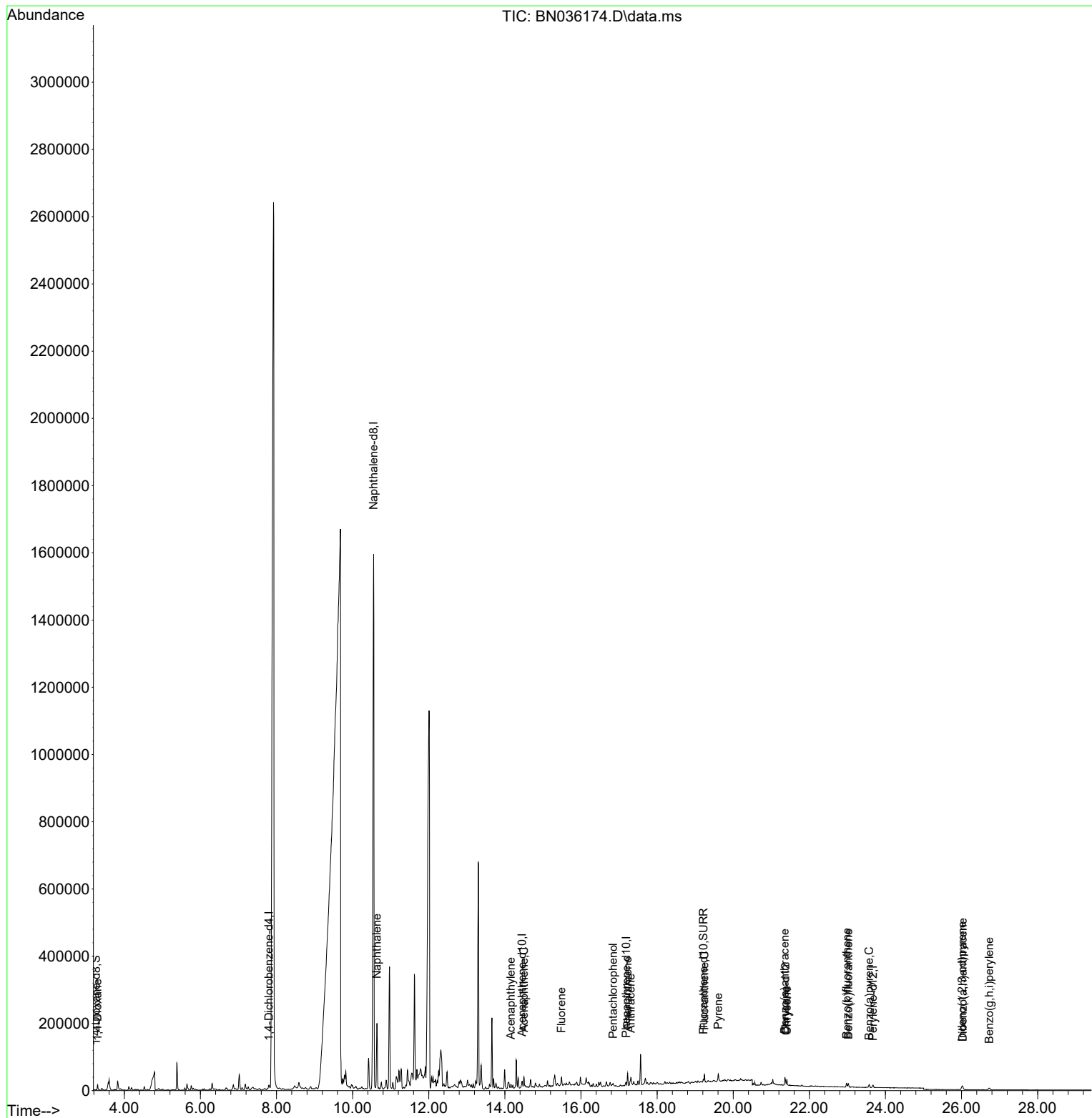
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.795	152	2367	0.400	ng/ul	#-0.02
4) Naphthalene-d8	10.550	136	2482246	0.400	ng/ul	#-0.05
9) Acenaphthene-d10	14.451	164	14784	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.184	188	8866	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.371	240	13956	0.400	ng/ul	# 0.00
23) Perylene-d12	23.674	264	9730	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	660	0.255	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.184	152	4529	0.001	ng/ul	-0.02
18) Fluoranthene-d10	19.216	212	11520	0.300	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	2093	0.757	ng/ul#	1
5) Naphthalene	10.638	128	249972	0.037	ng/ul	98
10) Acenaphthylene	14.159	152	11358	0.163	ng/ul#	59
11) Acenaphthene	14.502	153	19584	0.382	ng/ul	95
12) Fluorene	15.487	166	14424	0.255	ng/ul#	88
14) Pentachlorophenol	16.842	266	4661	1.501	ng/ul	99
15) Phenanthrene	17.226	178	34742	1.338	ng/ul#	74
16) Anthracene	17.310	178	29919	1.240	ng/ul#	50
19) Fluoranthene	19.244	202	20937	0.395	ng/ul#	79
20) Pyrene	19.606	202	21692	0.392	ng/ul#	79
21) Benzo(a)anthracene	21.356	228	14655	0.294	ng/ul#	65
22) Chrysene	21.409	228	15798	0.310	ng/ul#	63
24) Benzo(b)fluoranthene	22.978	252	14227	0.438	ng/ul	75
25) Benzo(k)fluoranthene	23.025	252	13291	0.389	ng/ul#	73
26) Benzo(a)pyrene	23.569	252	12242	0.417	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.014	276	13836	0.357	ng/ul	99
28) Dibenzo(a,h)anthracene	26.031	278	11006	0.368	ng/ul#	83
29) Benzo(g,h,i)perylene	26.728	276	10336	0.343	ng/ul	93

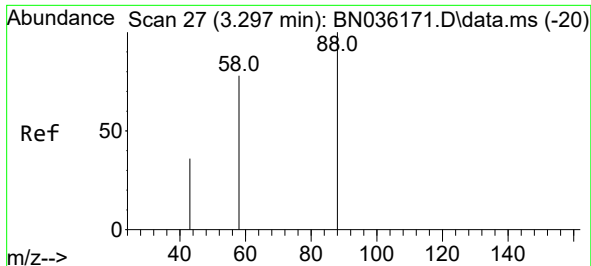
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
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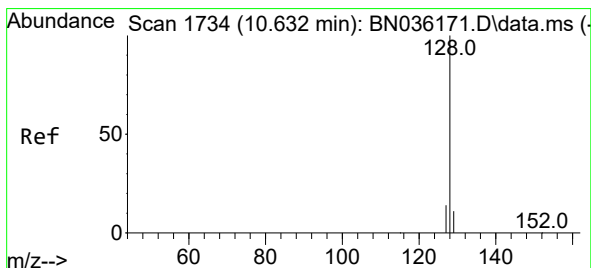
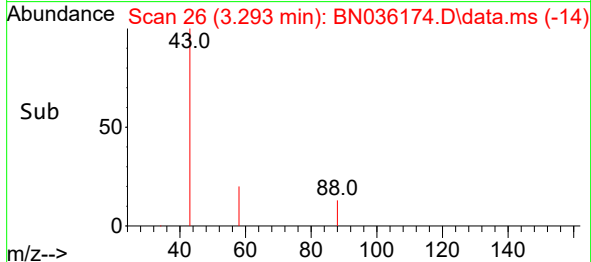
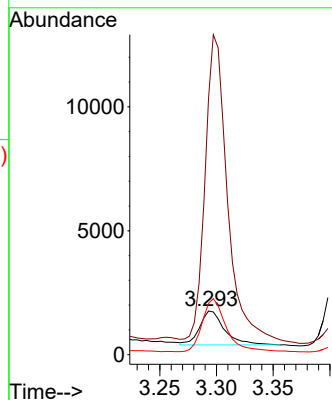
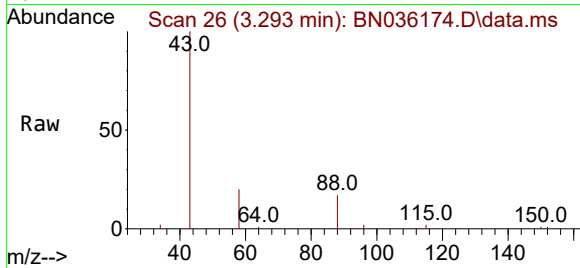




#2
 1,4-Dioxane
 Concen: 0.757 ng/ul
 RT: 3.293 min Scan# 20
 Delta R.T. -0.021 min
 Lab File: BN036174.D
 Acq: 31 Jan 2025 18:51

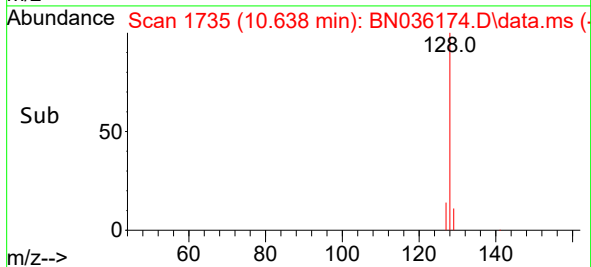
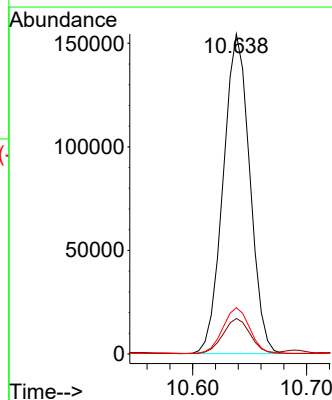
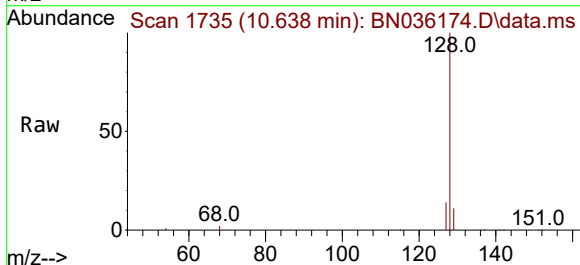
Instrument :
 BNA_P
 ClientSampleId :
 E2964MS

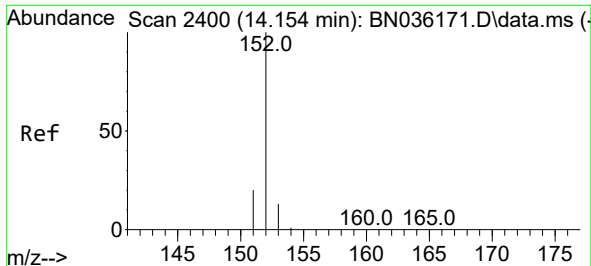
Tgt Ion: 88 Resp: 2093
 Ion Ratio Lower Upper
 88 100
 43 585.2 40.7 61.1#
 58 117.5 55.2 82.8#



#5
 Naphthalene
 Concen: 0.037 ng/ul
 RT: 10.638 min Scan# 1735
 Delta R.T. -0.016 min
 Lab File: BN036174.D
 Acq: 31 Jan 2025 18:51

Tgt Ion: 128 Resp: 249972
 Ion Ratio Lower Upper
 128 100
 129 11.1 9.6 14.4
 127 14.5 12.0 18.0

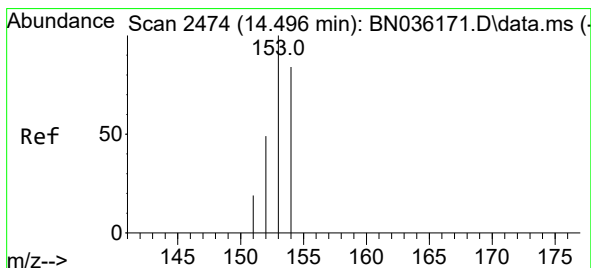
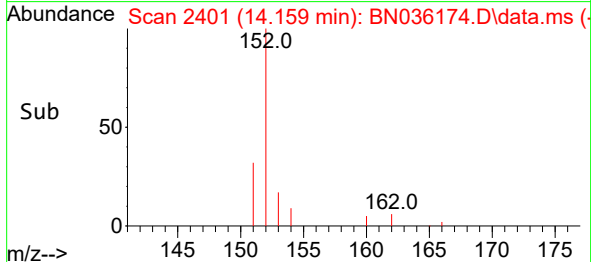
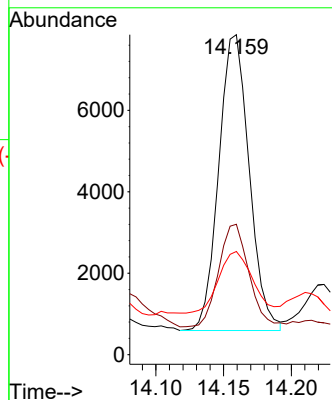
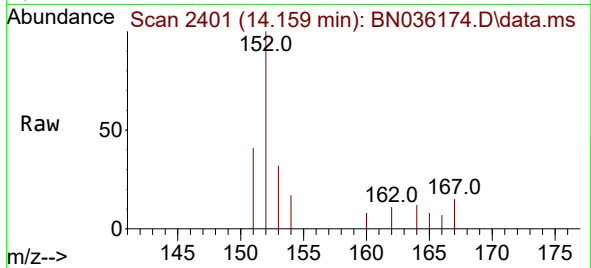




#10
Acenaphthylene
Concen: 0.163 ng/ul
RT: 14.159 min Scan# 2401
Delta R.T. -0.008 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

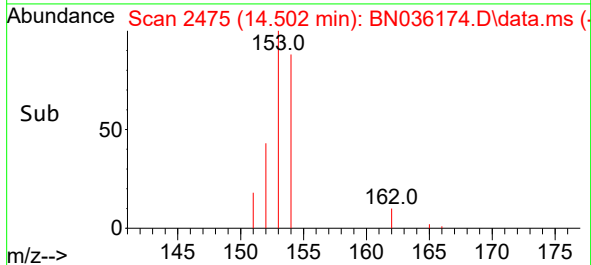
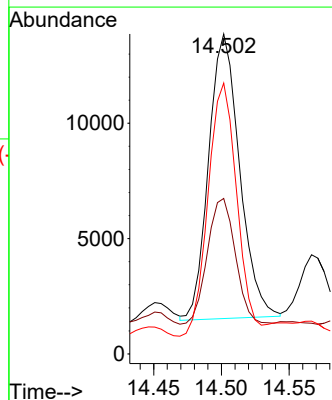
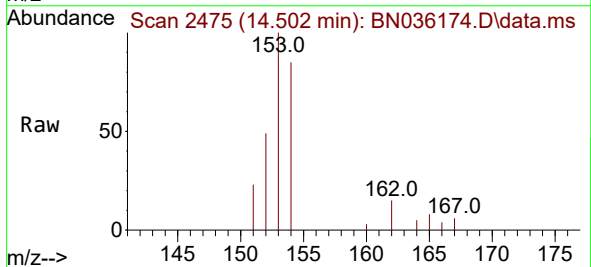
Instrument :
BNA_P
ClientSampleId :
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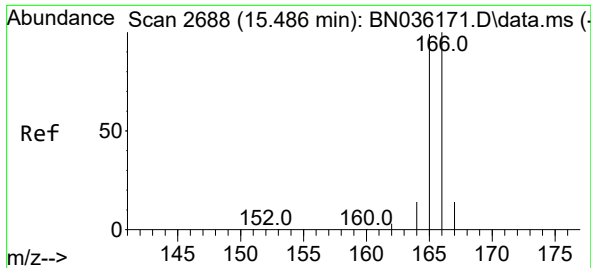
Tgt Ion:152 Resp: 11358
Ion Ratio Lower Upper
152 100
151 40.7 17.4 26.2#
153 32.3 11.9 17.9#



#11
Acenaphthene
Concen: 0.382 ng/ul
RT: 14.502 min Scan# 2475
Delta R.T. -0.013 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Tgt Ion:153 Resp: 19584
Ion Ratio Lower Upper
153 100
152 48.6 43.2 64.8
154 84.7 70.5 105.7

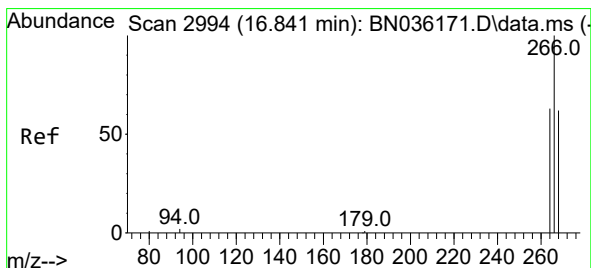
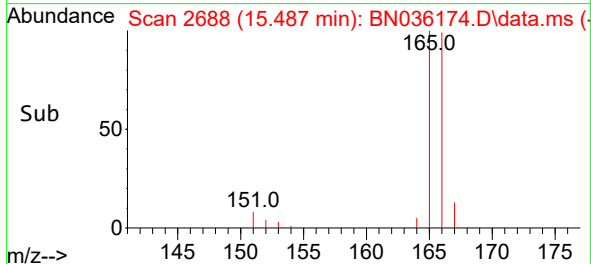
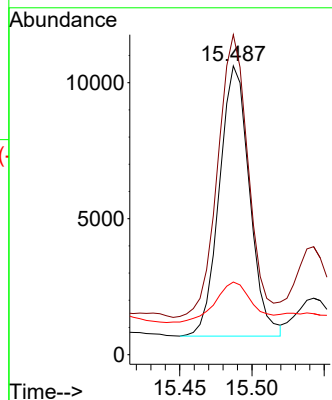
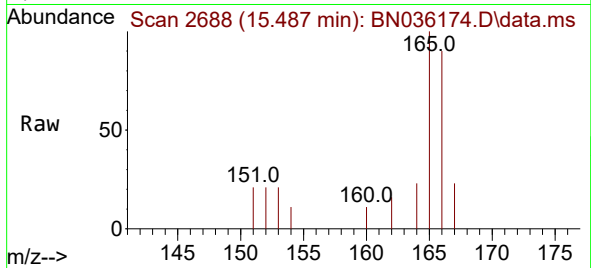




#12
Fluorene
Concen: 0.255 ng/ul
RT: 15.487 min Scan# 2012
Delta R.T. -0.013 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

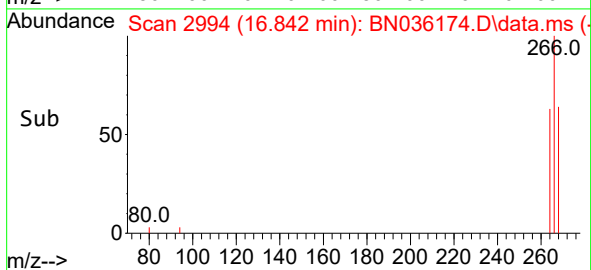
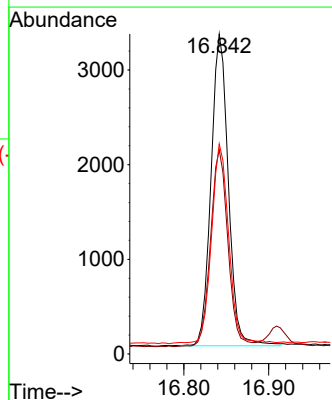
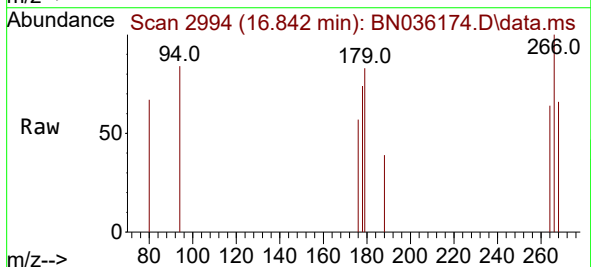
Instrument :
BNA_P
ClientSampleId :
E2964MS

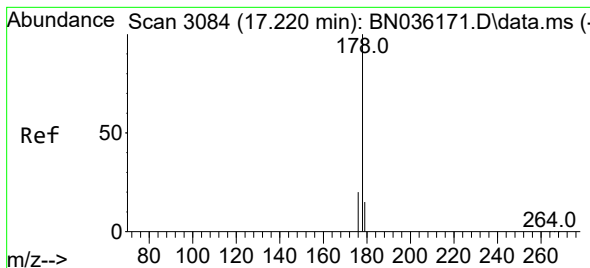
Tgt Ion:166 Resp: 14424
Ion Ratio Lower Upper
166 100
165 110.8 80.3 120.5
167 25.1 12.3 18.5#



#14
Pentachlorophenol
Concen: 1.501 ng/ul
RT: 16.842 min Scan# 2994
Delta R.T. 0.001 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Tgt Ion:266 Resp: 4661
Ion Ratio Lower Upper
266 100
264 63.4 50.6 75.8
268 64.1 50.6 75.8





#15

Phenanthrene

Concen: 1.338 ng/ul

RT: 17.226 min Scan# 3085

Delta R.T. -0.008 min

Lab File: BN036174.D

Acq: 31 Jan 2025 18:51

Instrument :

BNA_P

ClientSampleId :

E2964MS

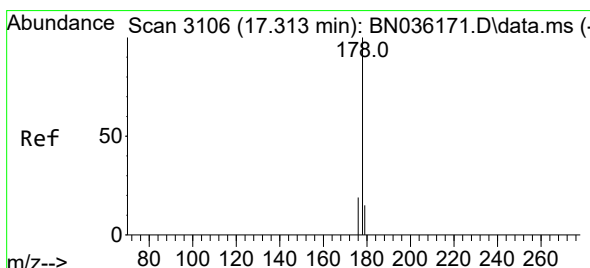
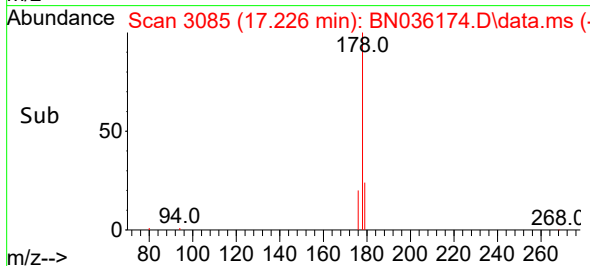
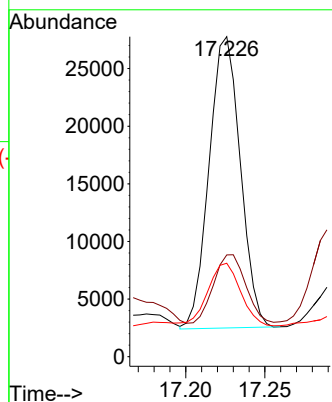
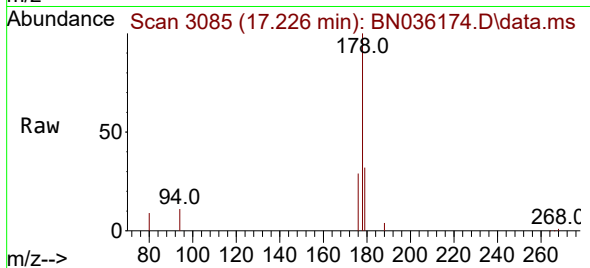
Tgt Ion:178 Resp: 34742

Ion Ratio Lower Upper

178 100

179 31.8 13.2 19.8#

176 29.2 16.8 25.2#



#16

Anthracene

Concen: 1.240 ng/ul

RT: 17.310 min Scan# 3105

Delta R.T. -0.012 min

Lab File: BN036174.D

Acq: 31 Jan 2025 18:51

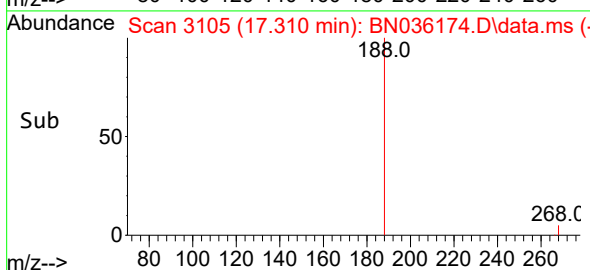
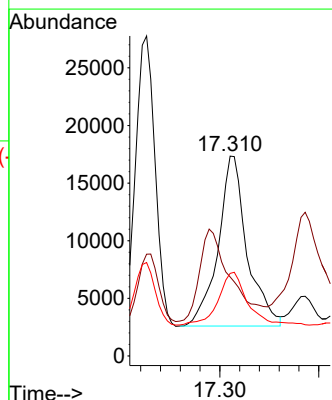
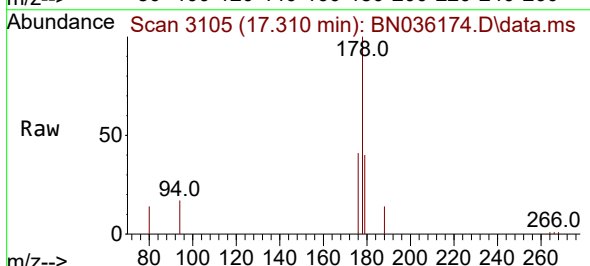
Tgt Ion:178 Resp: 29919

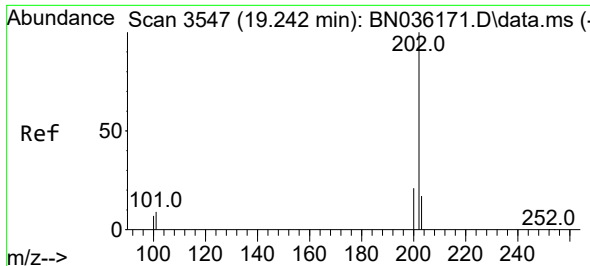
Ion Ratio Lower Upper

178 100

179 39.6 13.0 19.4#

176 41.3 15.9 23.9#

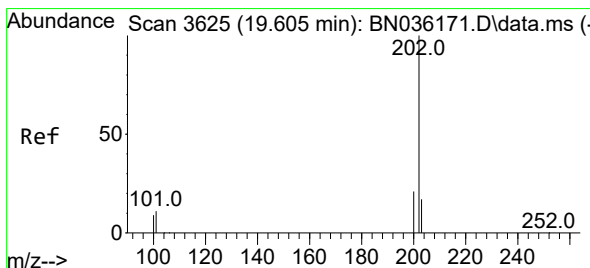
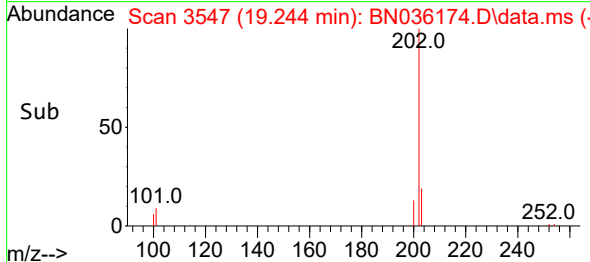
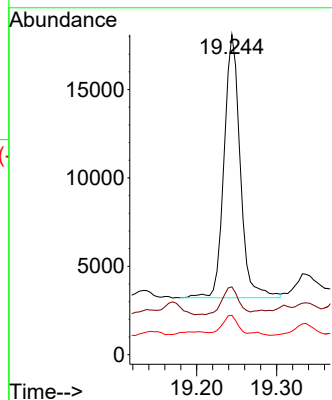
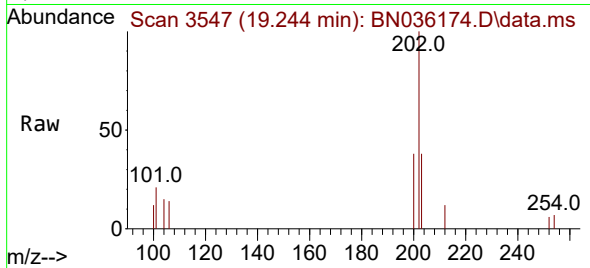




#19
Fluoranthene
Concen: 0.395 ng/u1
RT: 19.244 min Scan# 3547
Delta R.T. -0.003 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

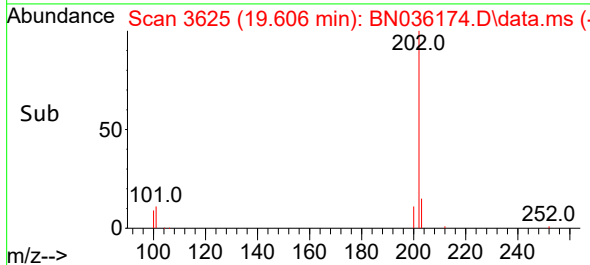
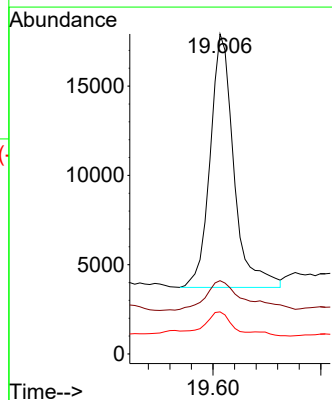
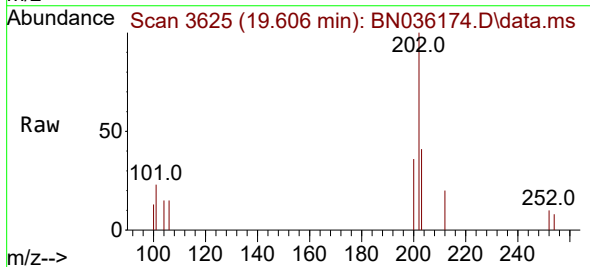
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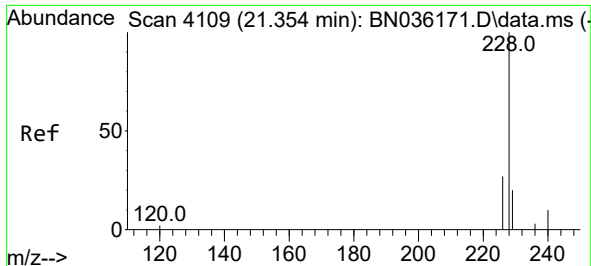
Tgt Ion:202 Resp: 20937
Ion Ratio Lower Upper
202 100
101 21.2 8.4 12.6#
100 12.3 6.5 9.7#



#20
Pyrene
Concen: 0.392 ng/u1
RT: 19.606 min Scan# 3625
Delta R.T. -0.003 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

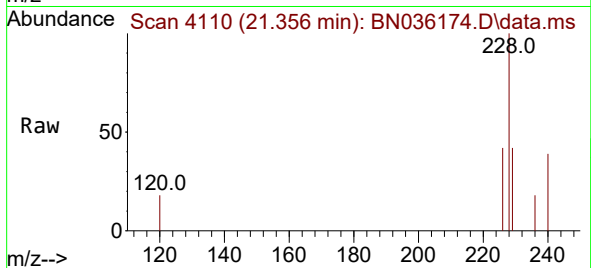
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Ion Ratio Lower Upper
202 100
101 22.9 9.3 13.9#
100 13.1 7.5 11.3#



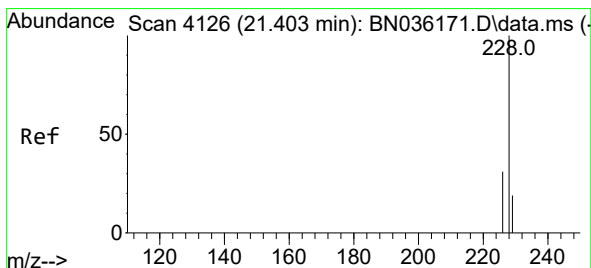
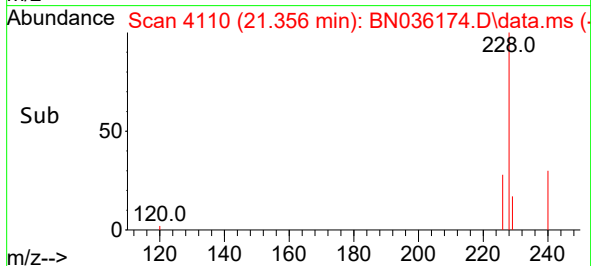
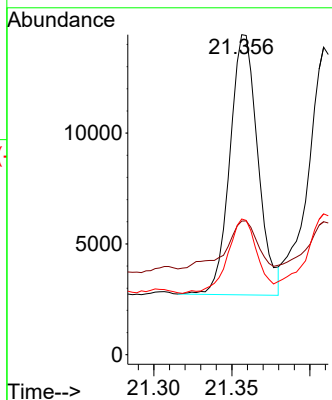


#21
Benzo(a)anthracene
Concen: 0.294 ng/ul
RT: 21.356 min Scan# 4110
Delta R.T. 0.003 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Instrument :
BNA_P
ClientSampleId :
E2964MS

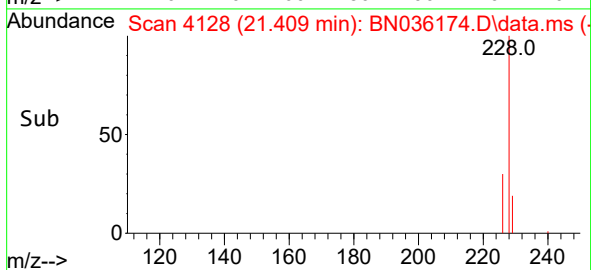
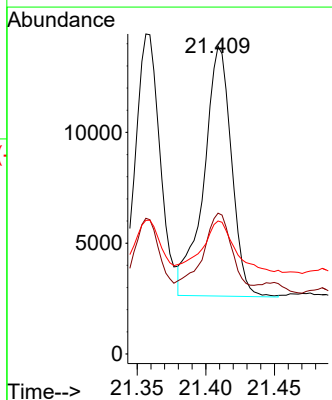
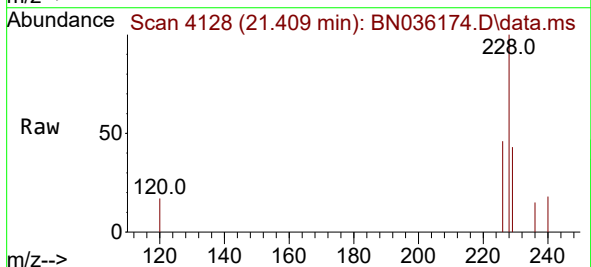


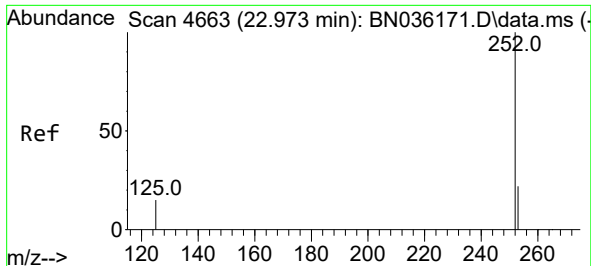
Tgt Ion:228 Resp: 14655
Ion Ratio Lower Upper
228 100
229 41.8 15.9 23.9#
226 42.4 22.8 34.2#



#22
Chrysene
Concen: 0.310 ng/ul
RT: 21.409 min Scan# 4128
Delta R.T. 0.003 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Tgt Ion:228 Resp: 15798
Ion Ratio Lower Upper
228 100
226 45.8 24.4 36.6#
229 43.3 15.9 23.9#

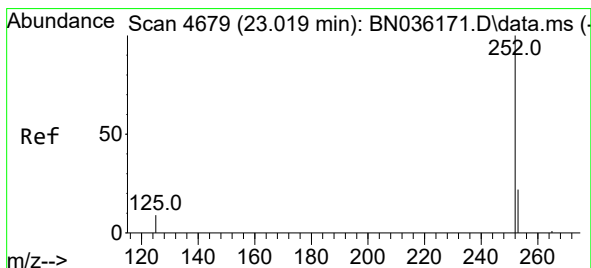
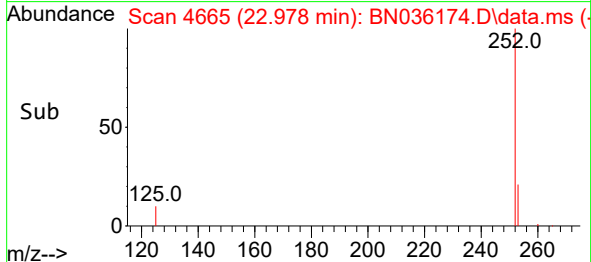
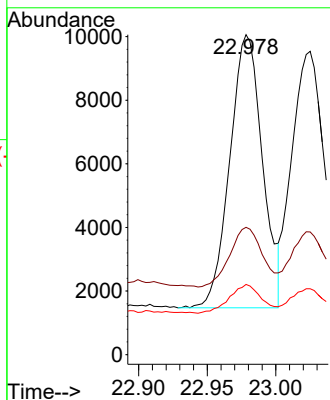
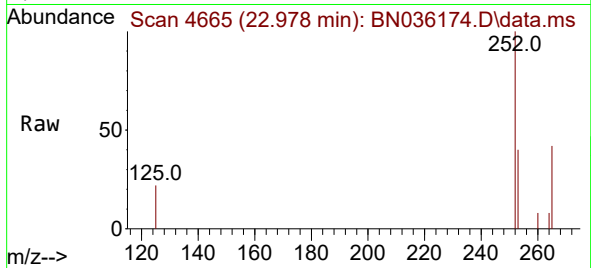




#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 22.978 min Scan# 4665
Delta R.T. 0.005 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

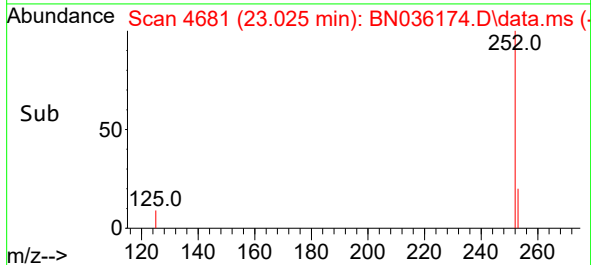
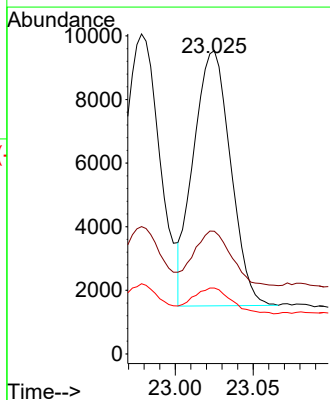
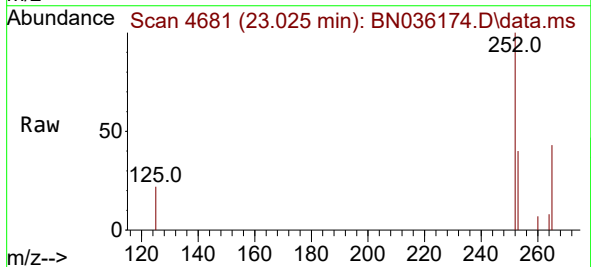
Instrument :
BNA_P
ClientSampleId :
E2964MS

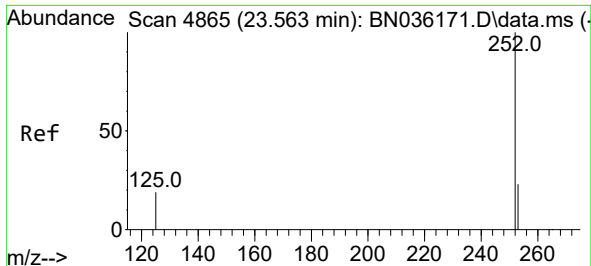
Tgt Ion:252 Resp: 14227
Ion Ratio Lower Upper
252 100
253 39.8 0.0 51.2
125 21.9 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.025 min Scan# 4681
Delta R.T. 0.005 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Tgt Ion:252 Resp: 13291
Ion Ratio Lower Upper
252 100
253 40.4 20.2 30.4#
125 21.8 10.6 16.0#

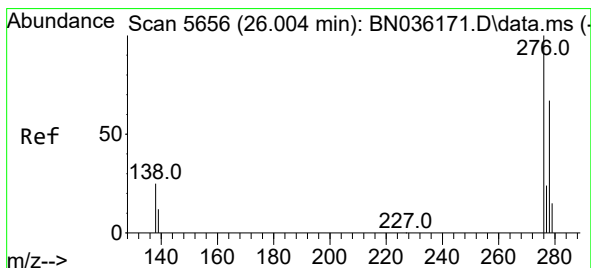
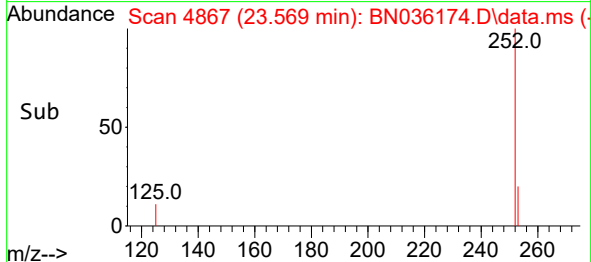
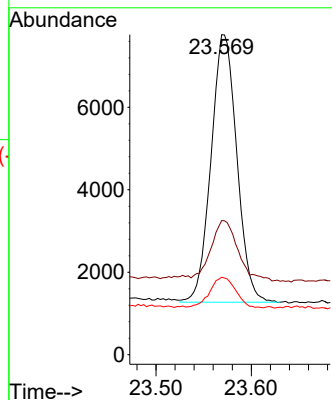
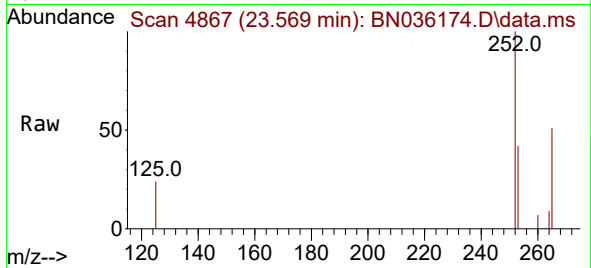




#26
Benzo(a)pyrene
Concen: 0.417 ng/ul
RT: 23.569 min Scan# 4865
Delta R.T. 0.005 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

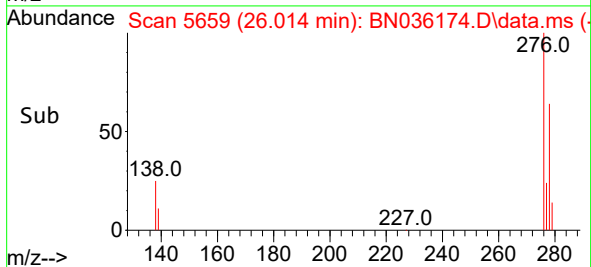
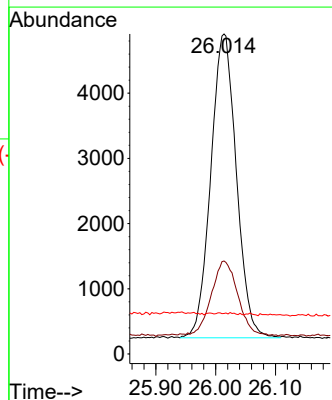
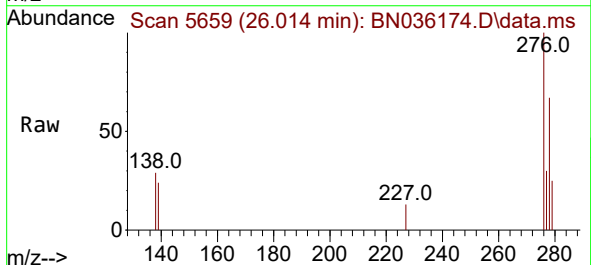
Instrument :
BNA_P
ClientSampleId :
E2964MS

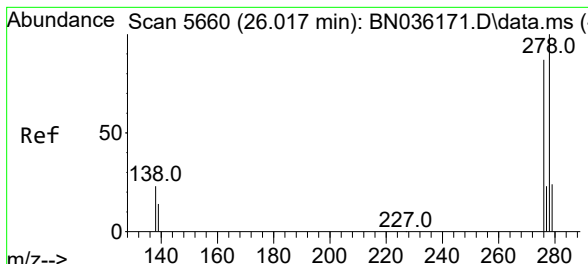
Tgt Ion:252 Resp: 12242
Ion Ratio Lower Upper
252 100
253 41.9 22.2 33.4#
125 24.2 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.357 ng/ul
RT: 26.014 min Scan# 5659
Delta R.T. 0.010 min
Lab File: BN036174.D
Acq: 31 Jan 2025 18:51

Tgt Ion:276 Resp: 13836
Ion Ratio Lower Upper
276 100
138 26.0 20.2 30.4
227 0.1 0.1 0.1





#28

Dibenzo(a,h)anthracene

Concen: 0.368 ng/ul

RT: 26.031 min Scan# 5

Delta R.T. 0.010 min

Lab File: BN036174.D

Acq: 31 Jan 2025 18:51

Instrument :

BNA_P

ClientSampleId :

E2964MS

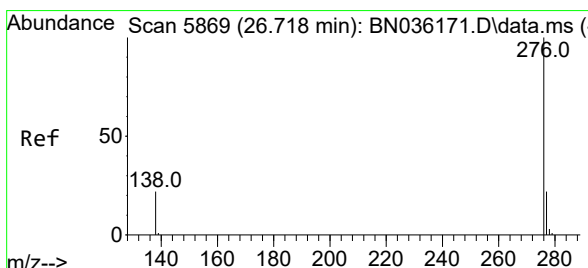
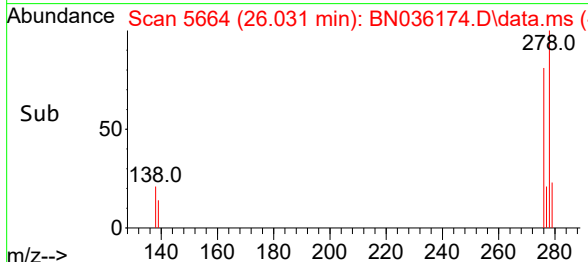
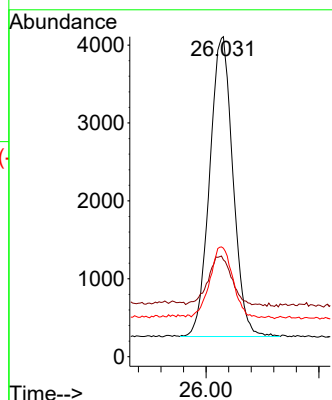
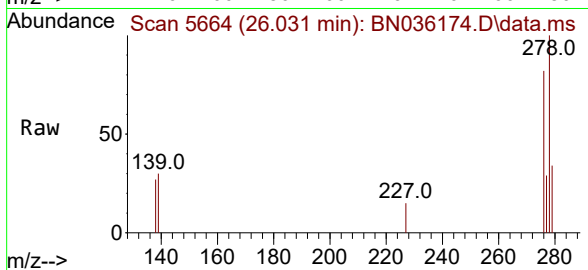
Tgt Ion:278 Resp: 11006

Ion Ratio Lower Upper

278 100

139 30.3 15.4 23.2#

279 33.9 22.2 33.4#



#29

Benzo(g,h,i)perylene

Concen: 0.343 ng/ul

RT: 26.728 min Scan# 5872

Delta R.T. 0.010 min

Lab File: BN036174.D

Acq: 31 Jan 2025 18:51

Tgt Ion:276 Resp: 10336

Ion Ratio Lower Upper

276 100

138 26.5 19.4 29.0

277 30.6 21.1 31.7

