

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
 Data File : BN036277.D
 Acq On : 05 Feb 2025 01:55
 Operator : RC/JU
 Sample : Q1202-02MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2975MS

Quant Time: Feb 05 08:15:29 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 : Mon Feb 03 12:27:24 2025
 Response via : Initial Calibration

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

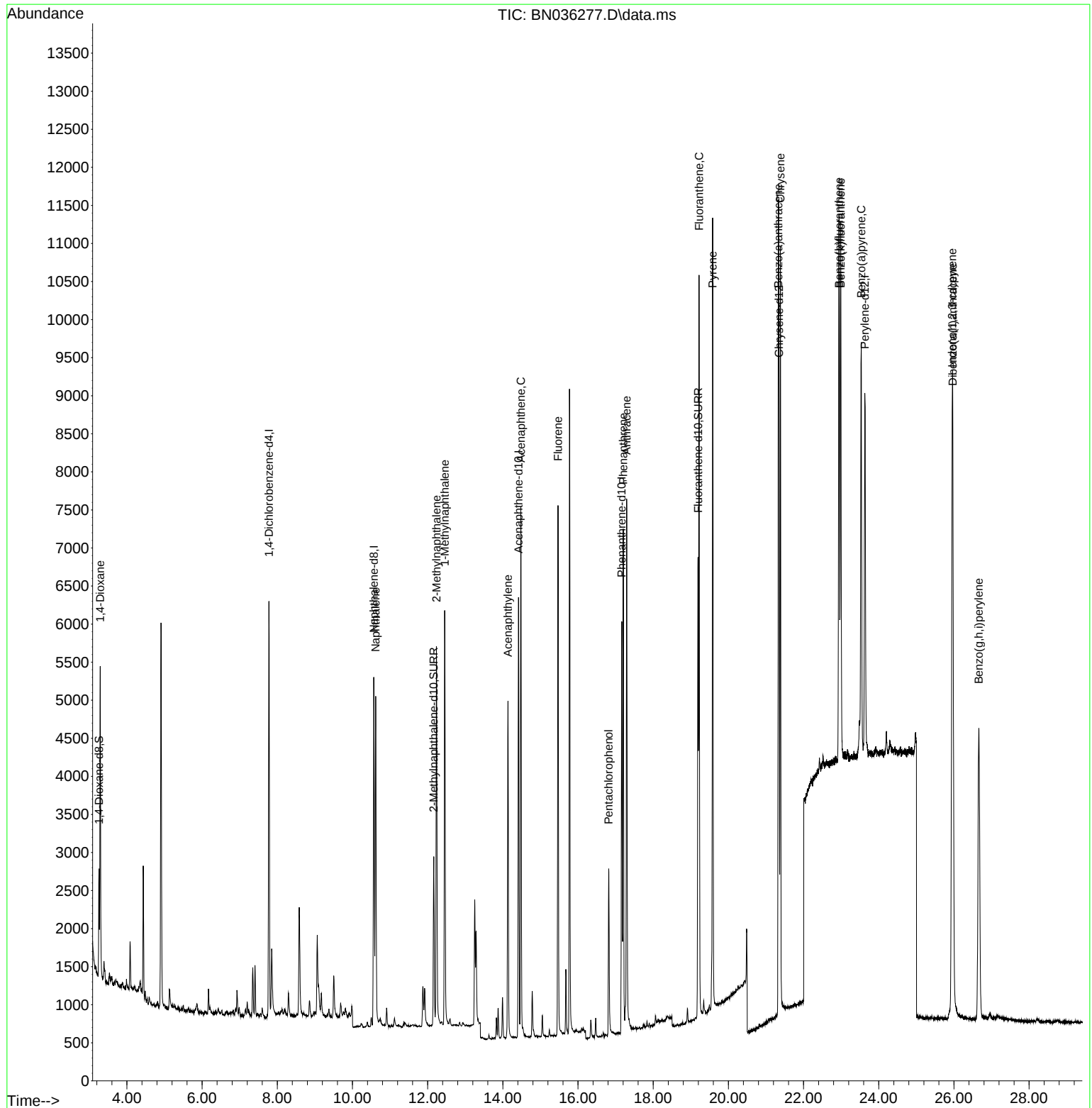
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2757	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	6136	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.419	164	3289	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	6342	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.348	240	6078	0.400	ng/ul	#-0.02
23) Perylene-d12	23.630	264	6615	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	851	0.282	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	3003	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	6648	0.398	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.290	88	2356	0.731	ng/ul	93
5) Naphthalene	10.617	128	6045	0.358	ng/ul	99
7) 2-Methylnaphthalene	12.234	142	3720	0.354	ng/ul	98
8) 1-Methylnaphthalene	12.454	142	3790	0.356	ng/ul	100
10) Acenaphthylene	14.136	152	5170	0.333	ng/ul	99
11) Acenaphthene	14.479	153	4070	0.357	ng/ul	98
12) Fluorene	15.469	166	4524	0.359	ng/ul	99
14) Pentachlorophenol	16.816	266	1581	0.712	ng/ul	99
15) Phenanthrene	17.205	178	7073	0.381	ng/ul	98
16) Anthracene	17.293	178	7864	0.456	ng/ul	99
19) Fluoranthene	19.221	202	8191	0.355	ng/ul	96
20) Pyrene	19.583	202	8834	0.366	ng/ul#	94
21) Benzo(a)anthracene	21.330	228	8302	0.383	ng/ul	99
22) Chrysene	21.383	228	8677	0.391	ng/ul	98
24) Benzo(b)fluoranthene	22.943	252	8996	0.408	ng/ul	85
25) Benzo(k)fluoranthene	22.987	252	8881	0.383	ng/ul#	88
26) Benzo(a)pyrene	23.534	252	7494	0.376	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.954	276	10441	0.396	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.970	278	8171	0.402	ng/ul	95
29) Benzo(g,h,i)perylene	26.661	276	8265	0.404	ng/ul	97

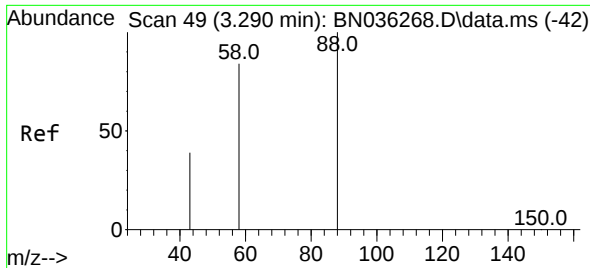
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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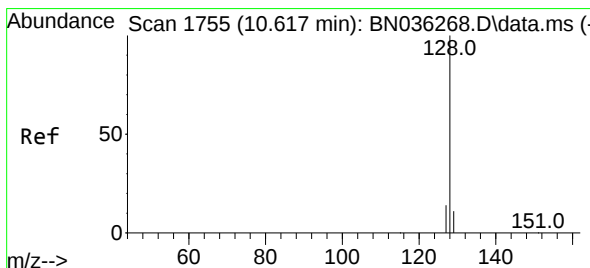
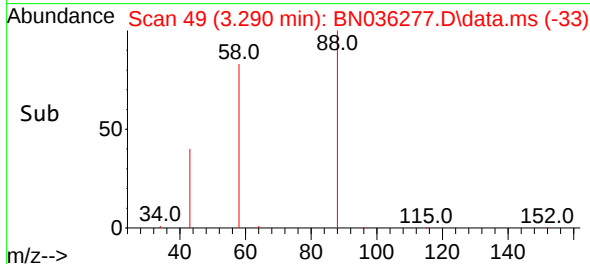
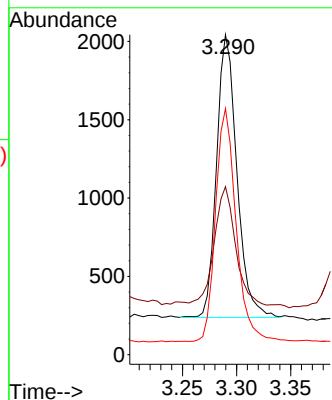
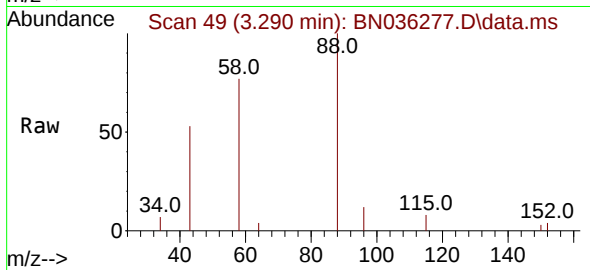




#2
 1,4-Dioxane
 Concen: 0.731 ng/ul
 RT: 3.290 min Scan# 49
 Delta R.T. -0.003 min
 Lab File: BN036277.D
 Acq: 05 Feb 2025 01:55

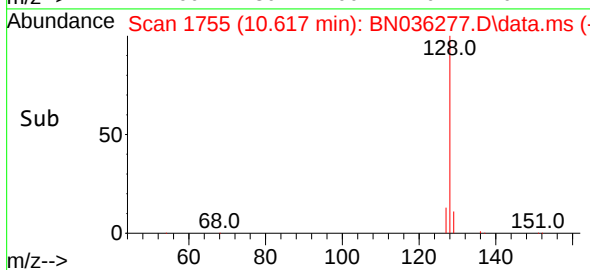
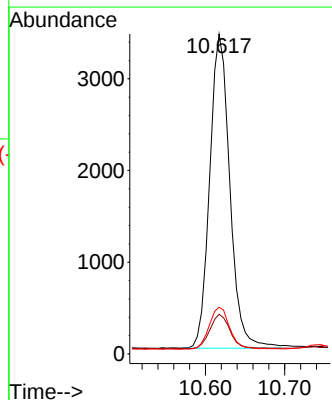
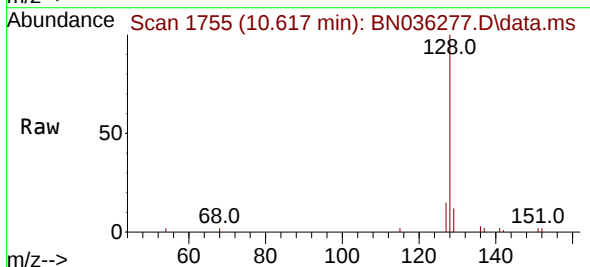
Instrument :
 BNA_N
 ClientSampleId :
 E2975MS

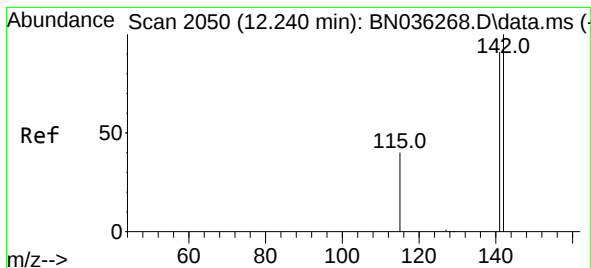
Tgt Ion: 88 Resp: 2356
 Ion Ratio Lower Upper
 88 100
 43 52.5 40.7 61.1
 58 76.9 55.2 82.8



#5
 Naphthalene
 Concen: 0.358 ng/ul
 RT: 10.617 min Scan# 1755
 Delta R.T. -0.010 min
 Lab File: BN036277.D
 Acq: 05 Feb 2025 01:55

Tgt Ion: 128 Resp: 6045
 Ion Ratio Lower Upper
 128 100
 129 12.4 9.6 14.4
 127 14.6 12.0 18.0

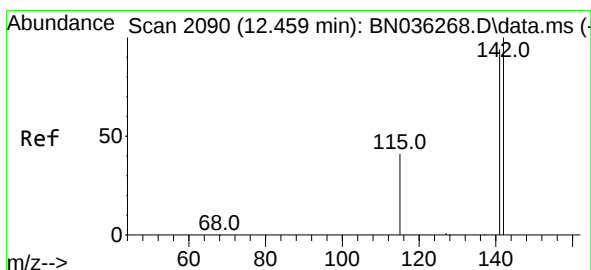
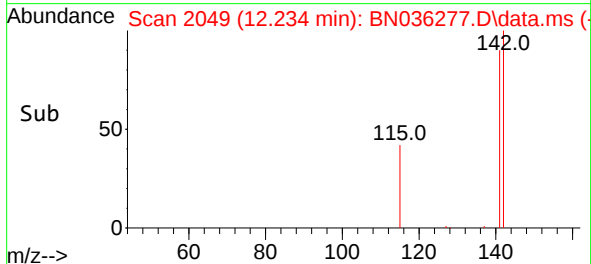
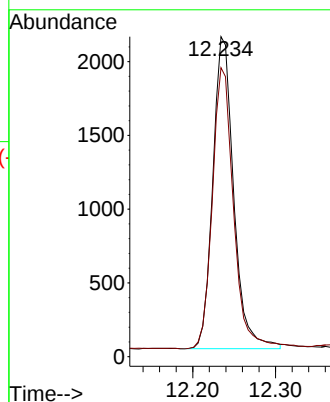
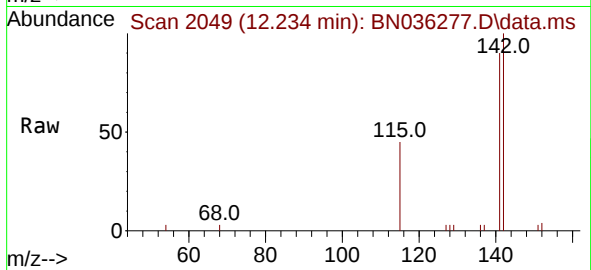




#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.234 min Scan# 2049
Delta R.T. -0.010 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

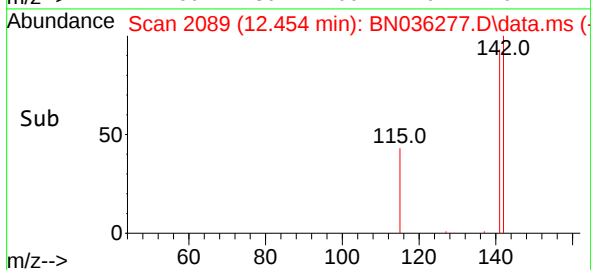
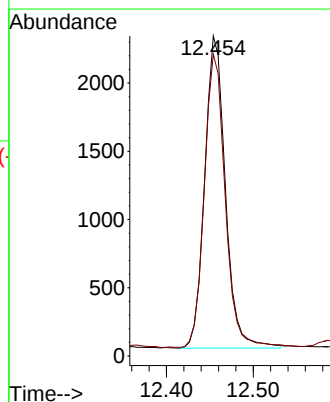
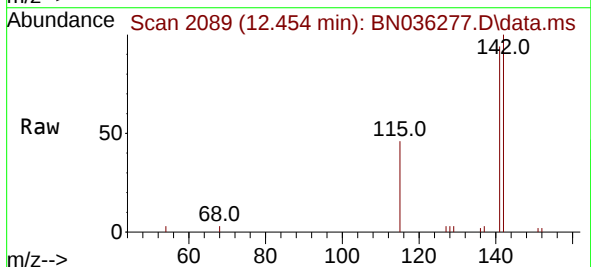
Instrument :
BNA_N
ClientSampleId :
E2975MS

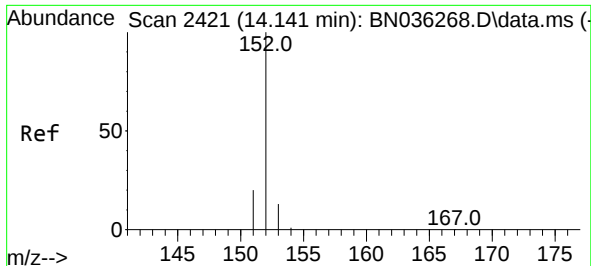
Tgt Ion:142 Resp: 3720
Ion Ratio Lower Upper
142 100
141 91.4 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.454 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:142 Resp: 3790
Ion Ratio Lower Upper
142 100
141 93.9 75.2 112.8

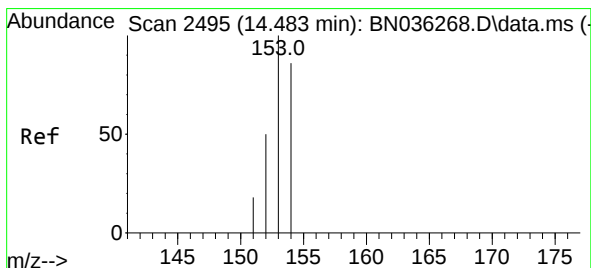
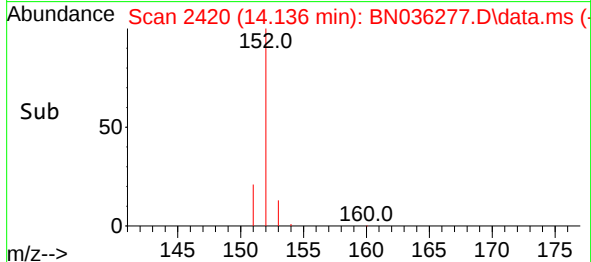
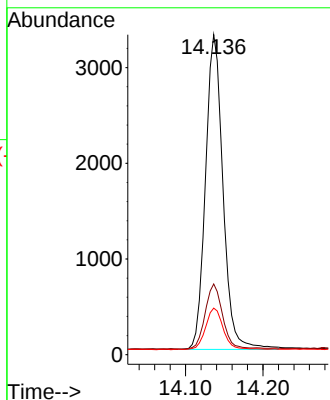
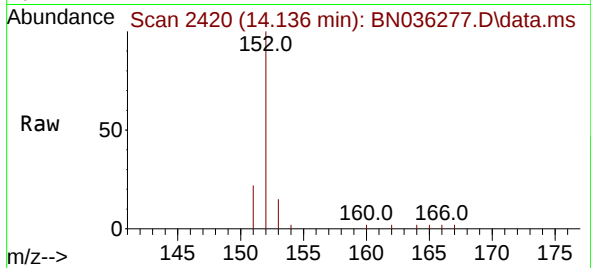




#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.136 min Scan# 2420
Delta R.T. -0.008 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

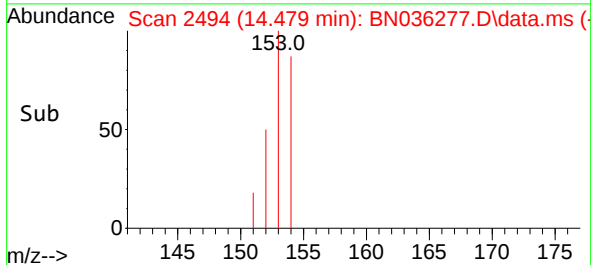
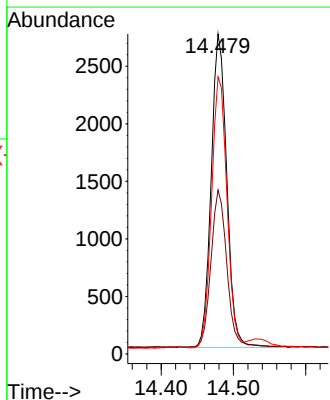
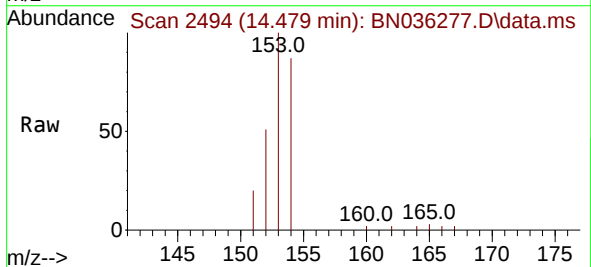
Instrument :
BNA_N
ClientSampleId :
E2975MS

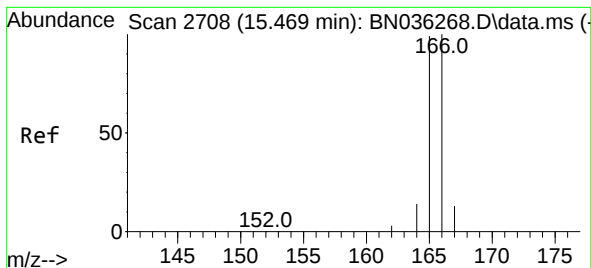
Tgt Ion:152 Resp: 5170
Ion Ratio Lower Upper
152 100
151 22.1 17.4 26.2
153 14.6 11.9 17.9



#11
Acenaphthene
Concen: 0.357 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.013 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:153 Resp: 4070
Ion Ratio Lower Upper
153 100
152 51.2 43.2 64.8
154 86.6 70.5 105.7





#12

Fluorene

Concen: 0.359 ng/ul

RT: 15.469 min Scan# 21

Delta R.T. -0.008 min

Lab File: BN036277.D

Acq: 05 Feb 2025 01:55

Instrument :

BNA_N

ClientSampleId :

E2975MS

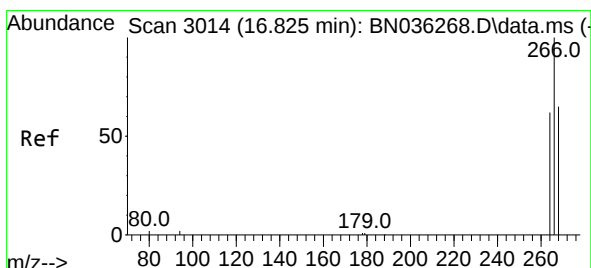
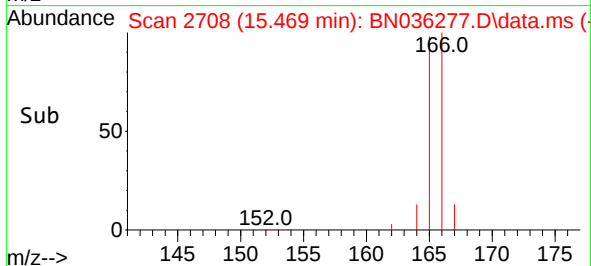
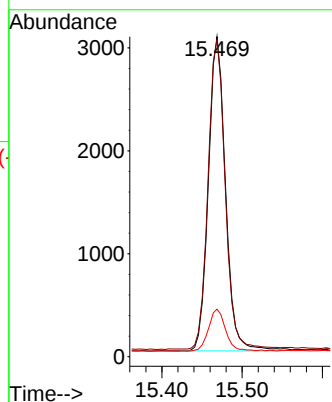
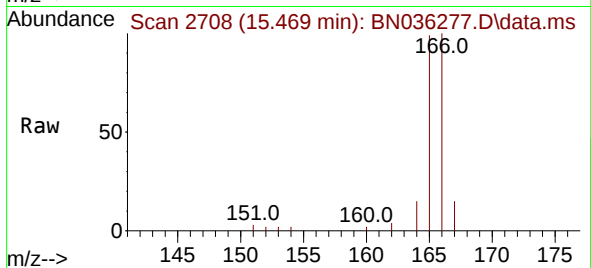
Tgt Ion:166 Resp: 4524

Ion Ratio Lower Upper

166 100

165 99.0 80.3 120.5

167 14.9 12.3 18.5



#14

Pentachlorophenol

Concen: 0.712 ng/ul

RT: 16.816 min Scan# 3012

Delta R.T. -0.012 min

Lab File: BN036277.D

Acq: 05 Feb 2025 01:55

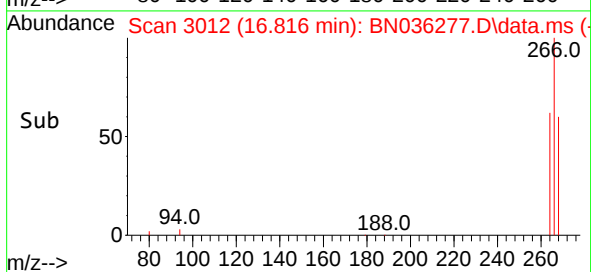
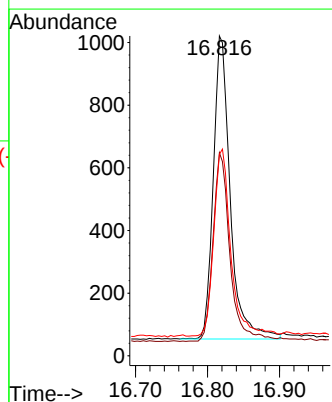
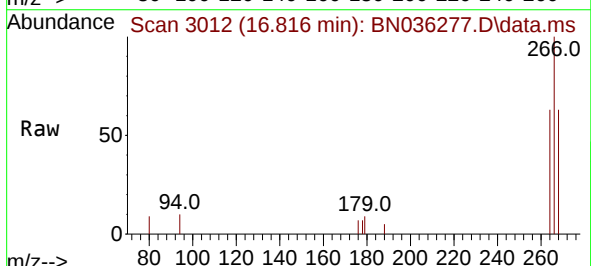
Tgt Ion:266 Resp: 1581

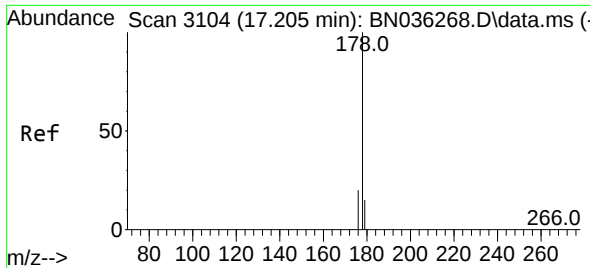
Ion Ratio Lower Upper

266 100

264 62.4 50.6 75.8

268 62.5 50.6 75.8

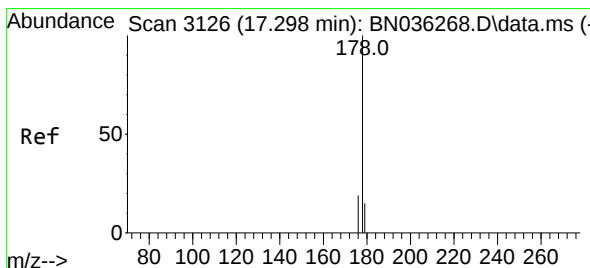
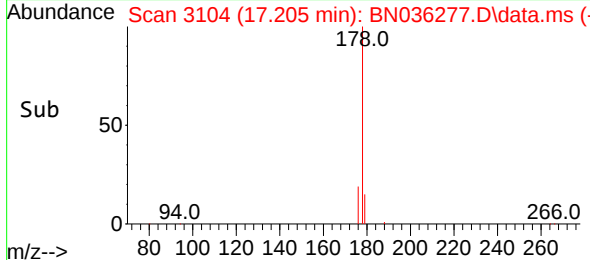
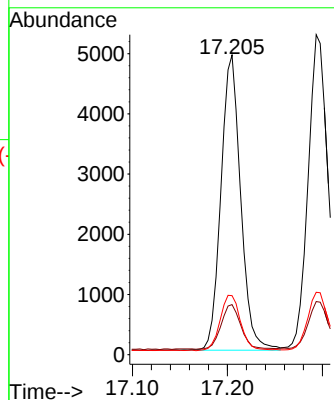
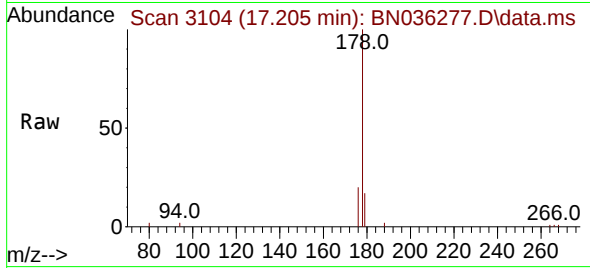




#15
Phenanthrene
Concen: 0.381 ng/ul
RT: 17.205 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

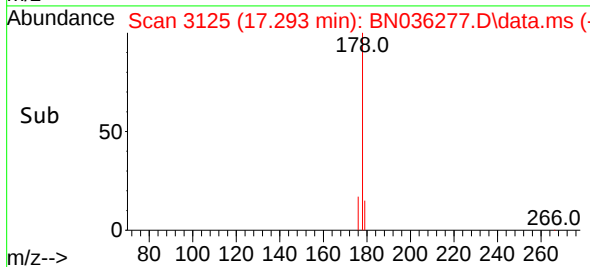
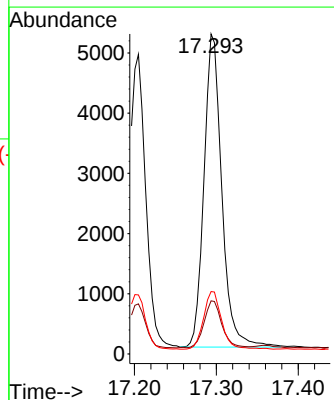
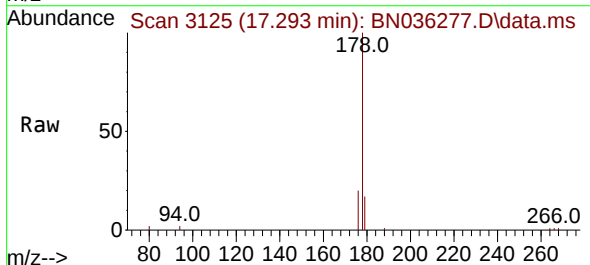
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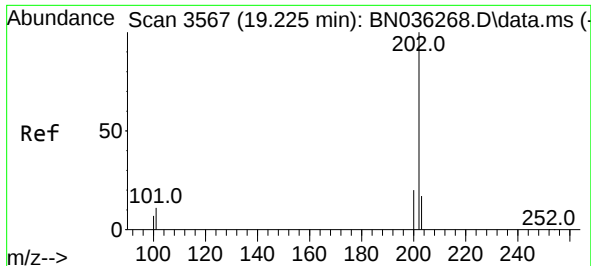
Tgt Ion:178 Resp: 7073
Ion Ratio Lower Upper
178 100
179 16.7 13.2 19.8
176 19.7 16.8 25.2



#16
Anthracene
Concen: 0.456 ng/ul
RT: 17.293 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:178 Resp: 7864
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.4
176 19.5 15.9 23.9

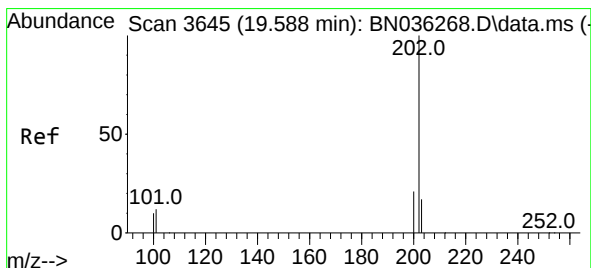
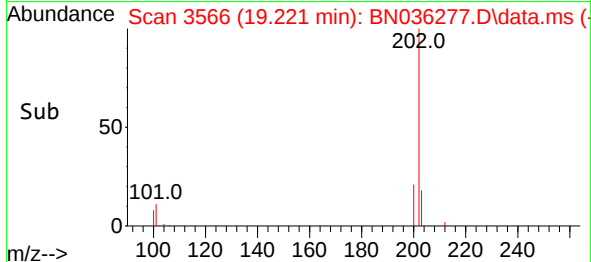
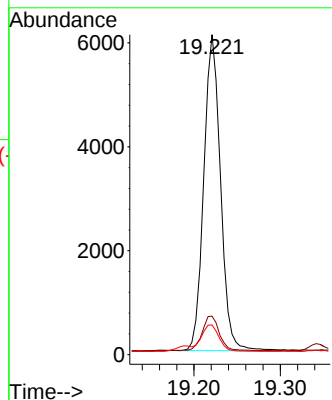
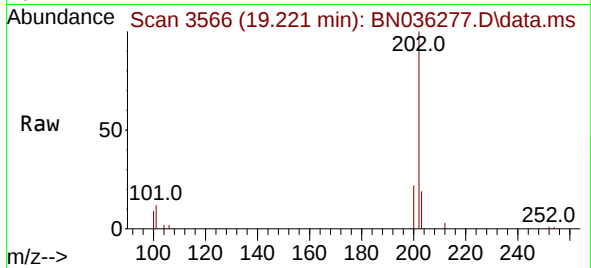




#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.221 min Scan# 3566
Delta R.T. -0.013 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

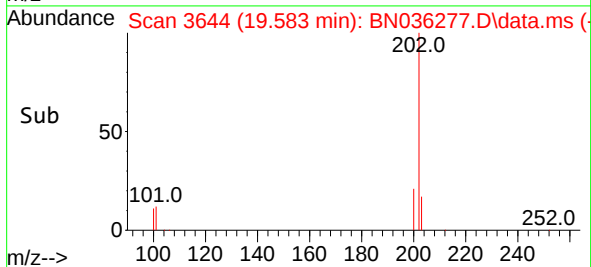
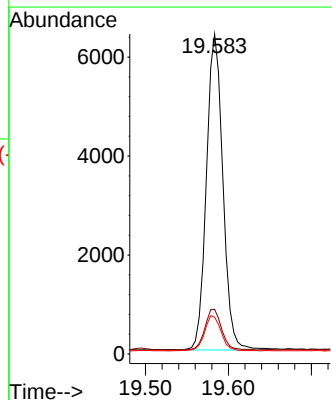
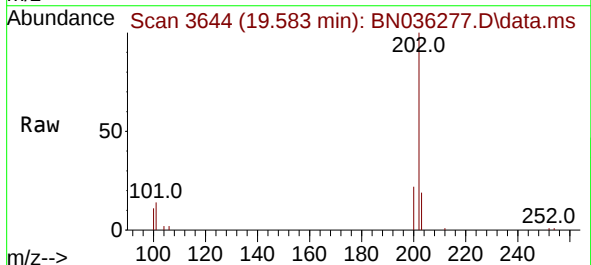
Instrument :
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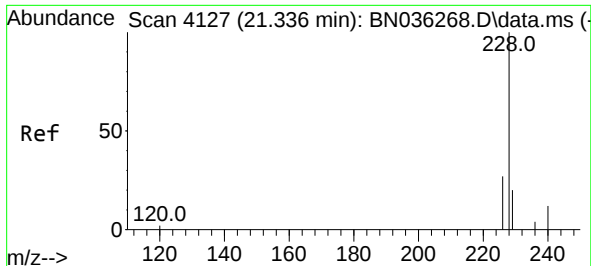
Tgt Ion:202 Resp: 8191
Ion Ratio Lower Upper
202 100
101 12.0 8.4 12.6
100 9.3 6.5 9.7



#20
Pyrene
Concen: 0.366 ng/ul
RT: 19.583 min Scan# 3644
Delta R.T. -0.013 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

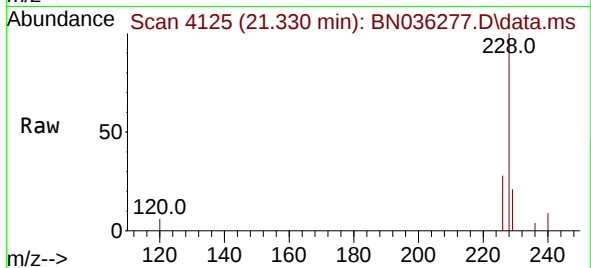
Tgt Ion:202 Resp: 8834
Ion Ratio Lower Upper
202 100
101 13.9 9.3 13.9#
100 11.5 7.5 11.3#



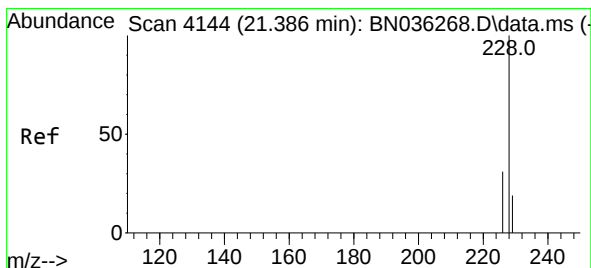
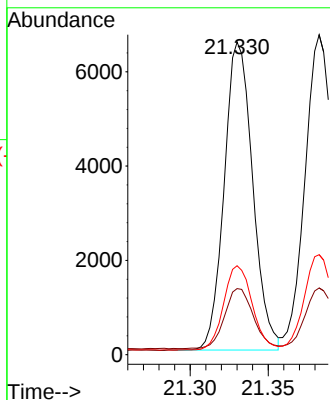
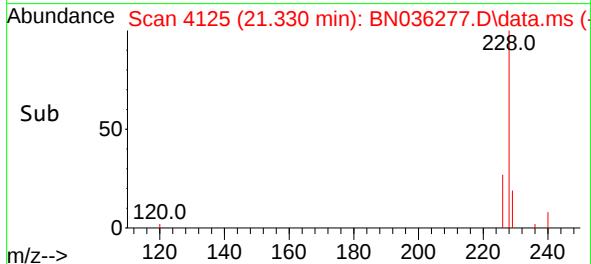


#21
Benzo(a)anthracene
Concen: 0.383 ng/ul
RT: 21.330 min Scan# 4127
Delta R.T. -0.015 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

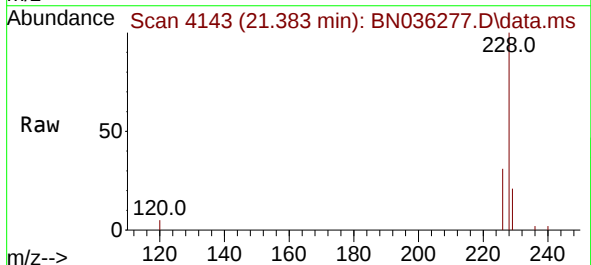
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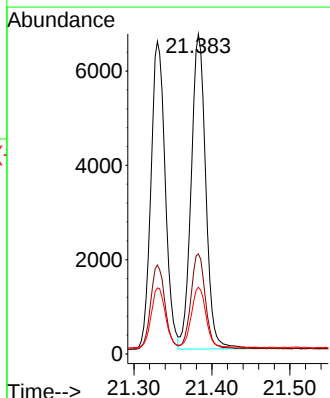
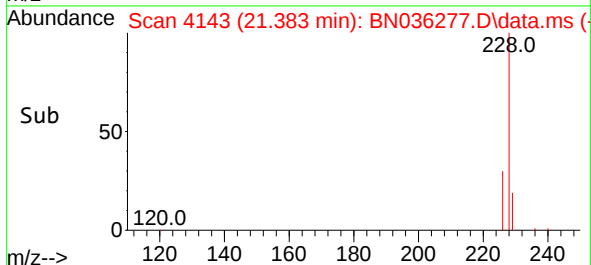
Tgt Ion:228 Resp: 8302
Ion Ratio Lower Upper
228 100
229 21.1 15.9 23.9
226 28.4 22.8 34.2

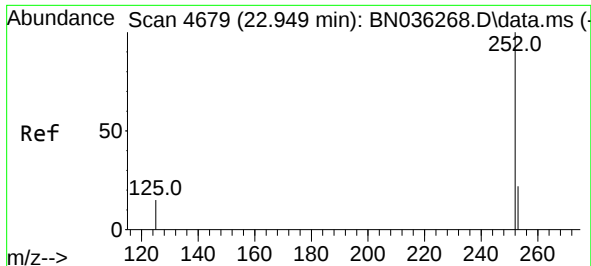


#22
Chrysene
Concen: 0.391 ng/ul
RT: 21.383 min Scan# 4143
Delta R.T. -0.015 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55



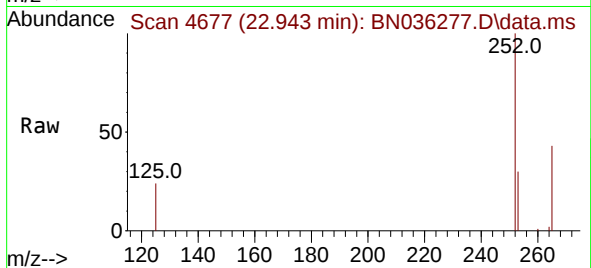
Tgt Ion:228 Resp: 8677
Ion Ratio Lower Upper
228 100
226 31.3 24.4 36.6
229 20.9 15.9 23.9



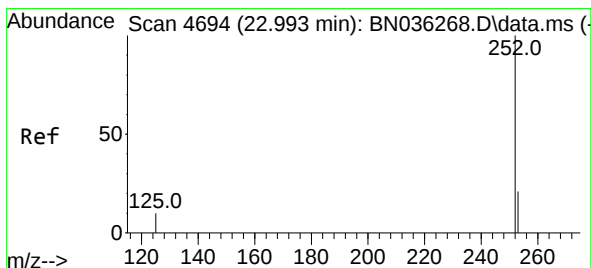
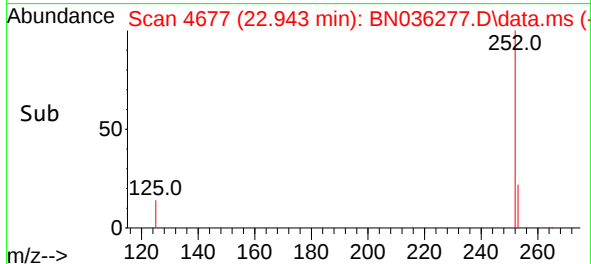
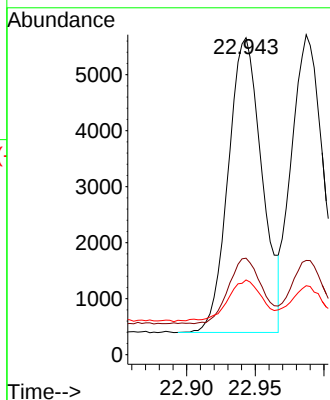


#24
Benzo(b)fluoranthene
Concen: 0.408 ng/ul
RT: 22.943 min Scan# 4677
Delta R.T. -0.018 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Instrument :
BNA_N
ClientSampleId :
E2975MS

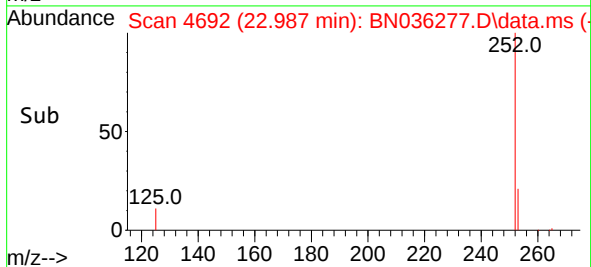
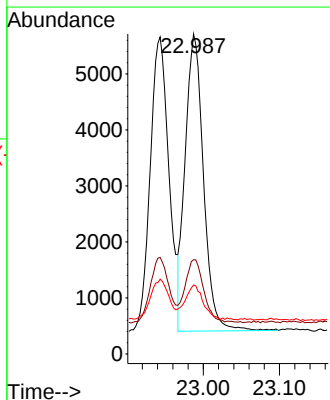
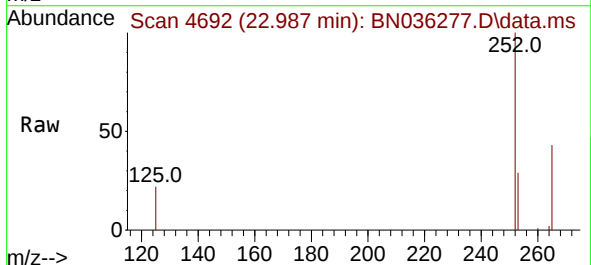


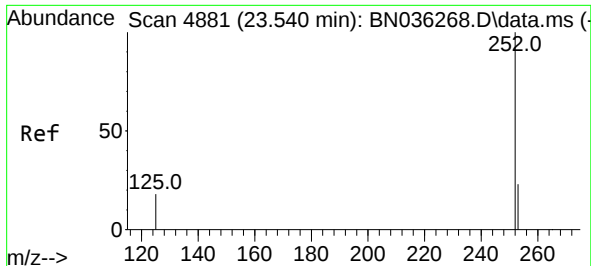
Tgt Ion:252 Resp: 8996
Ion Ratio Lower Upper
252 100
253 30.4 0.0 51.2
125 23.6 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.383 ng/ul
RT: 22.987 min Scan# 4692
Delta R.T. -0.021 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:252 Resp: 8881
Ion Ratio Lower Upper
252 100
253 29.4 20.2 30.4
125 21.5 10.6 16.0#

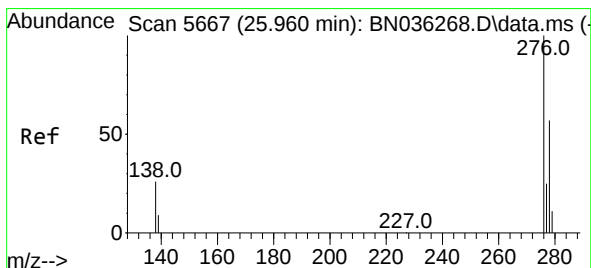
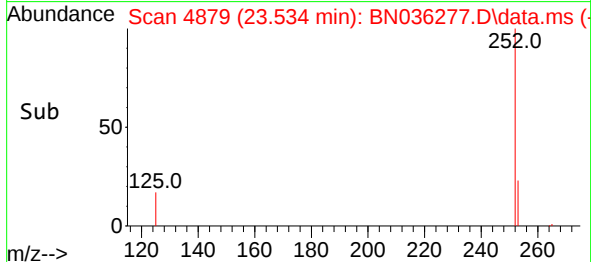
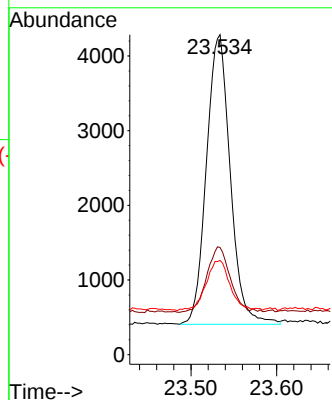
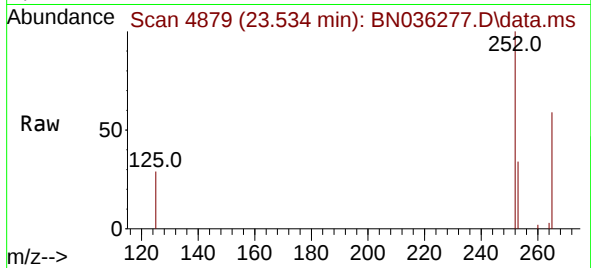




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.534 min Scan# 4881
Delta R.T. -0.021 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

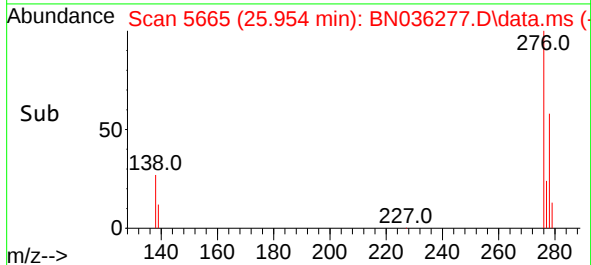
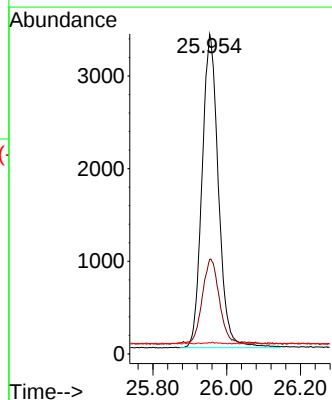
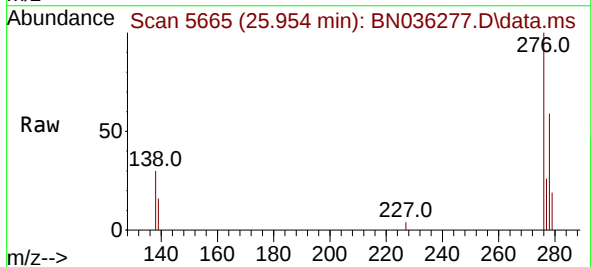
Instrument :
BNA_N
ClientSampleId :
E2975MS

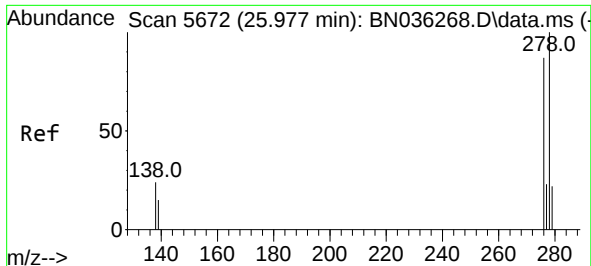
Tgt Ion:252 Resp: 7494
Ion Ratio Lower Upper
252 100
253 33.5 22.2 33.4#
125 29.4 13.1 19.7#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng/ul
RT: 25.954 min Scan# 5665
Delta R.T. -0.034 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:276 Resp: 10441
Ion Ratio Lower Upper
276 100
138 26.5 20.2 30.4
227 0.4 0.1 0.1#

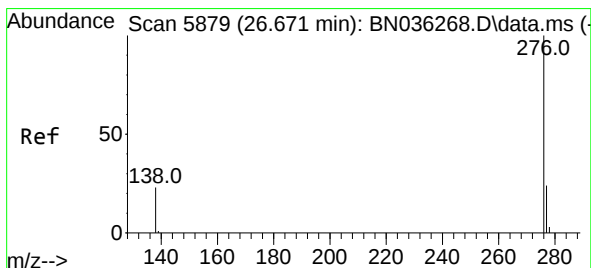
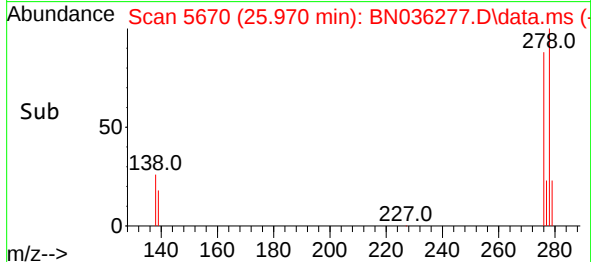
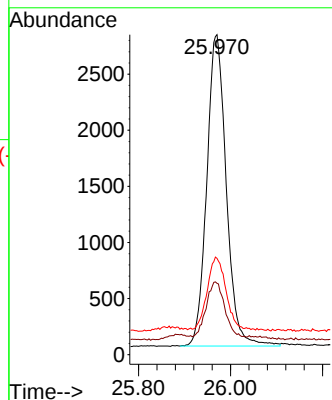
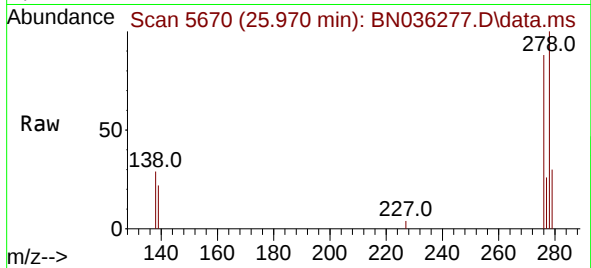




#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 25.970 min Scan# 51
Delta R.T. -0.028 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Instrument :
BNA_N
ClientSampleId :
E2975MS

Tgt Ion:278 Resp: 8171
Ion Ratio Lower Upper
278 100
139 22.3 15.4 23.2
279 30.1 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 26.661 min Scan# 5876
Delta R.T. -0.041 min
Lab File: BN036277.D
Acq: 05 Feb 2025 01:55

Tgt Ion:276 Resp: 8265
Ion Ratio Lower Upper
276 100
138 27.4 19.4 29.0
277 26.6 21.1 31.7

