

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
 Data File : BN036042.D
 Acq On : 27 Jan 2025 18:25
 Operator : RC/JU
 Sample : Q1174-15MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E2944MS

Quant Time: Jan 28 00:08:24 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)

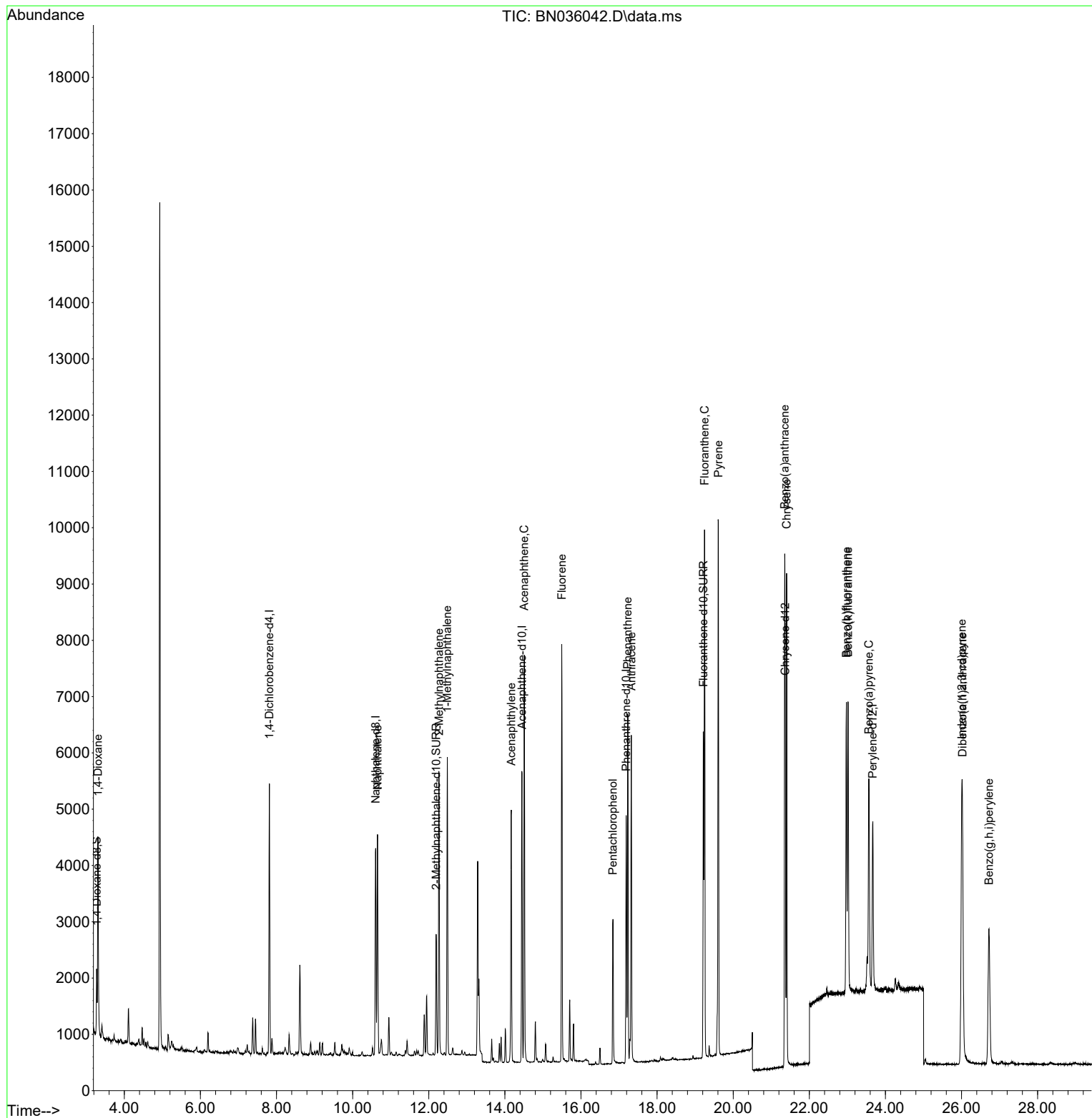
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	2289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4835	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	5158	0.400	ng/ul	0.00
17) Chrysene-d12	21.369	240	4265	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	4025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	745	0.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2720	0.446	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	6356	0.542	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.310	88	2249	0.841	ng/ul	93
5) Naphthalene	10.655	128	5206	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3309	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3388	0.403	ng/ul	100
10) Acenaphthylene	14.168	152	5065	0.390	ng/ul	99
11) Acenaphthene	14.510	153	3914	0.409	ng/ul	96
12) Fluorene	15.495	166	4416	0.418	ng/ul	99
14) Pentachlorophenol	16.841	266	1684	0.932	ng/ul	99
15) Phenanthrene	17.229	178	6588	0.436	ng/ul	100
16) Anthracene	17.322	178	5971	0.425	ng/ul	99
19) Fluoranthene	19.248	202	7866	0.485	ng/ul	99
20) Pyrene	19.610	202	8266	0.489	ng/ul	98
21) Benzo(a)anthracene	21.354	228	6975	0.458	ng/ul	99
22) Chrysene	21.404	228	7191	0.462	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	6495	0.484	ng/ul	98
25) Benzo(k)fluoranthene	23.017	252	6860	0.486	ng/ul	98
26) Benzo(a)pyrene	23.564	252	5693	0.469	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.008	276	7049	0.439	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.025	278	5427	0.439	ng/ul	97
29) Benzo(g,h,i)perylene	26.719	276	5458	0.438	ng/ul	99

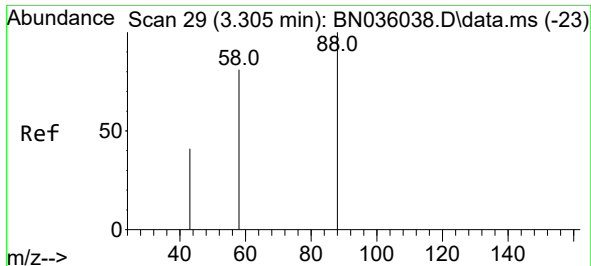
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
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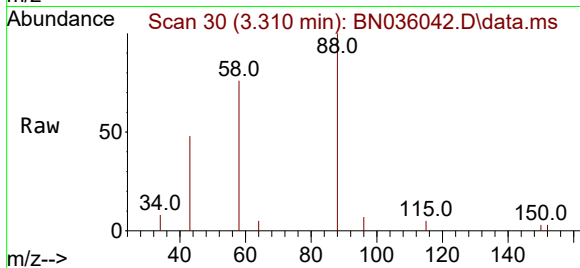
Quant Time: Jan 28 00:08:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
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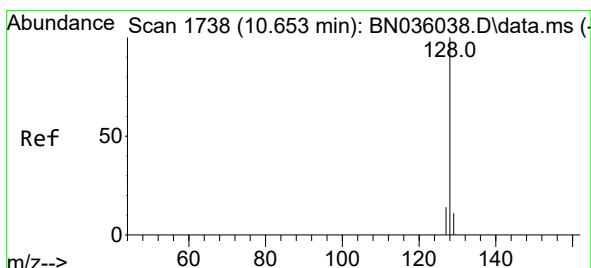
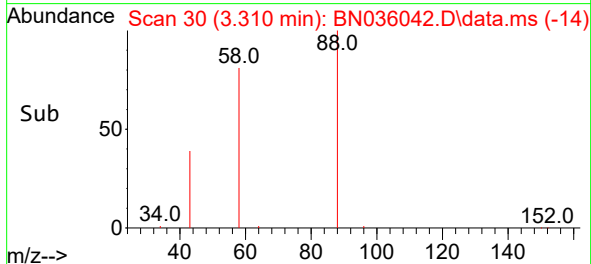
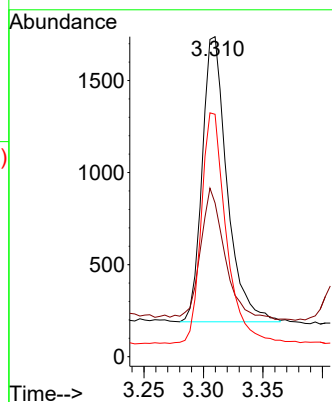
#2
1,4-Dioxane
Concen: 0.841 ng/ul
RT: 3.310 min Scan# 30
Delta R.T. -0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS



Tgt Ion: 88 Resp: 2249

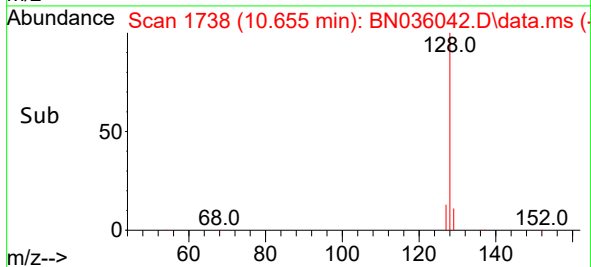
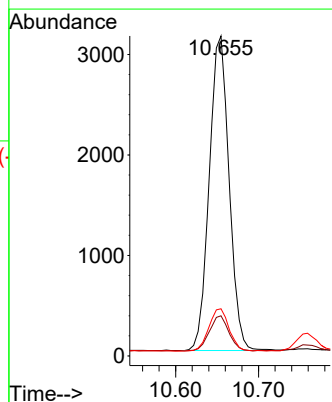
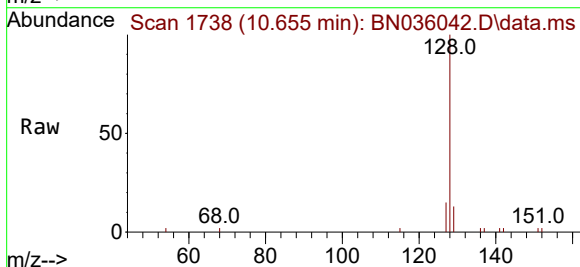
Ion	Ratio	Lower	Upper
88	100		
43	48.0	40.7	61.1
58	75.8	55.2	82.8

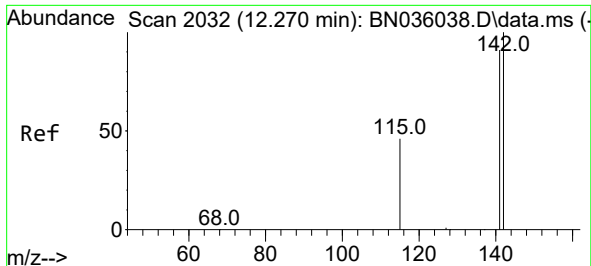


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion: 128 Resp: 5206

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	14.7	12.0	18.0

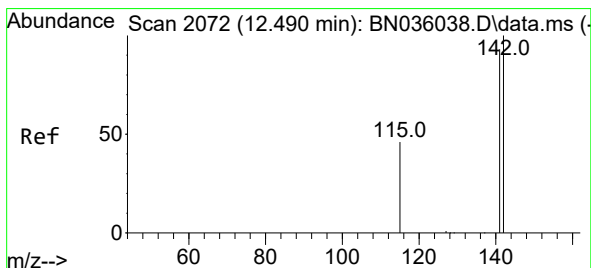
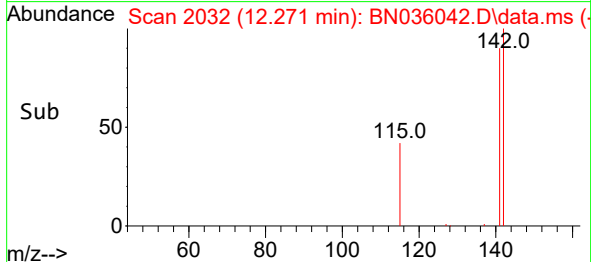
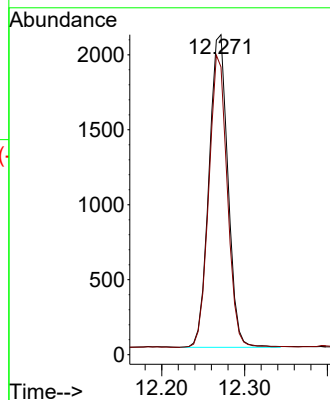
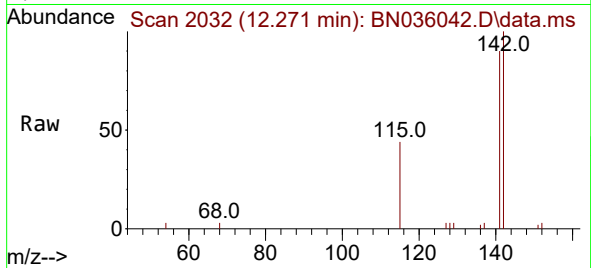




#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.271 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

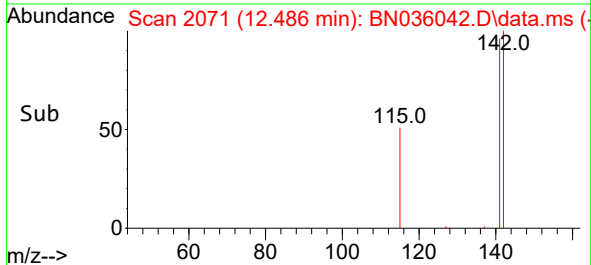
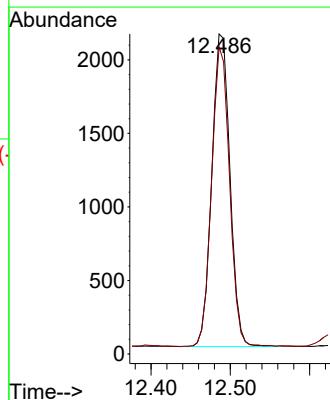
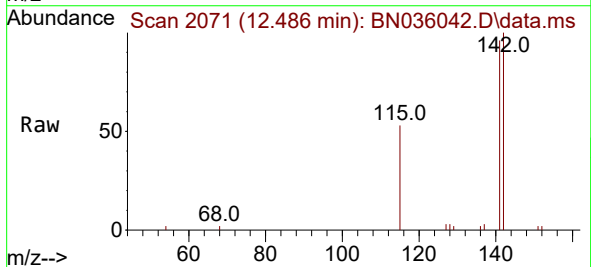
Instrument :
BNA_N
ClientSampleId :
E2944MS

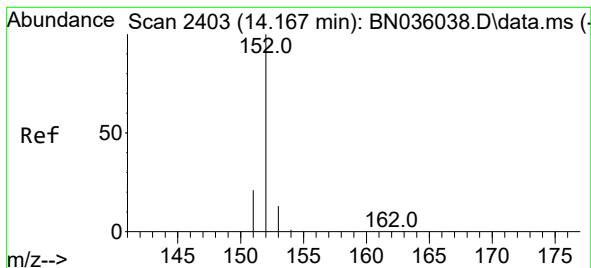
Tgt Ion:142 Resp: 3309
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:142 Resp: 3388
Ion Ratio Lower Upper
142 100
141 94.4 75.2 112.8





#10

Acenaphthylene

Concen: 0.390 ng/ul

RT: 14.168 min Scan# 2403

Delta R.T. -0.000 min

Lab File: BN036042.D

Acq: 27 Jan 2025 18:25

Instrument :

BNA_N

ClientSampleId :

E2944MS

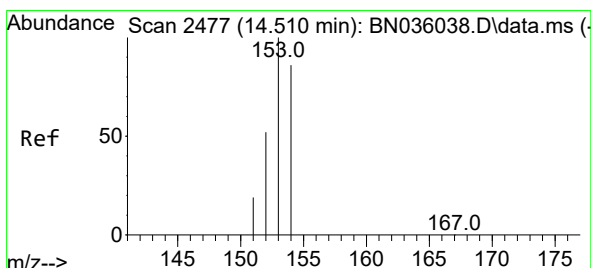
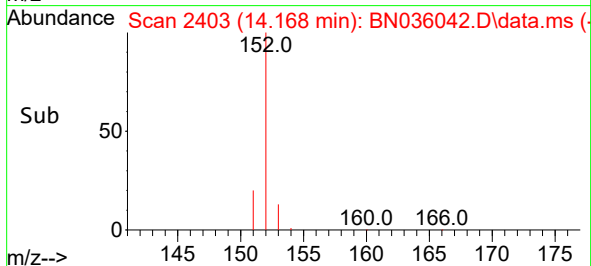
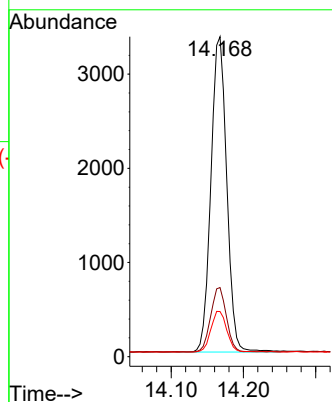
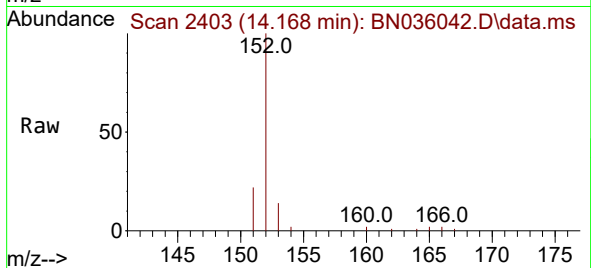
Tgt Ion:152 Resp: 5065

Ion Ratio Lower Upper

152 100

151 21.6 17.4 26.2

153 14.1 11.9 17.9



#11

Acenaphthene

Concen: 0.409 ng/ul

RT: 14.510 min Scan# 2477

Delta R.T. -0.005 min

Lab File: BN036042.D

Acq: 27 Jan 2025 18:25

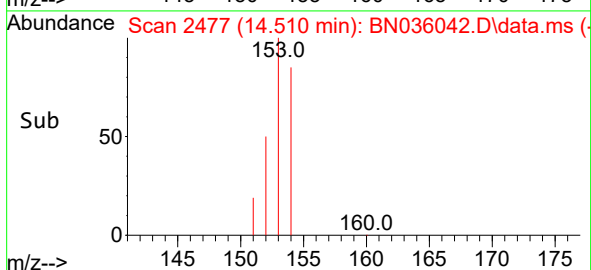
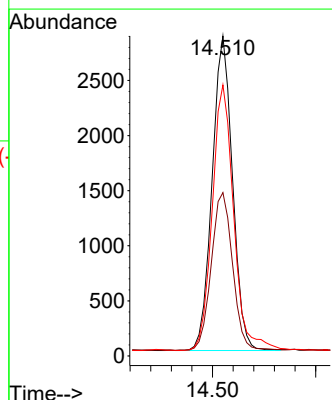
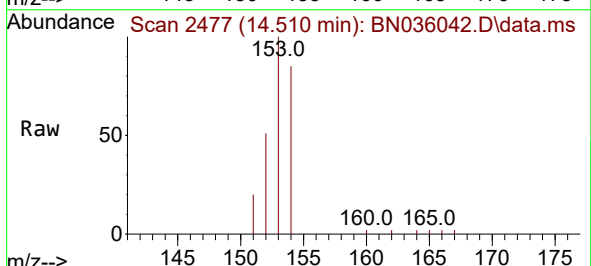
Tgt Ion:153 Resp: 3914

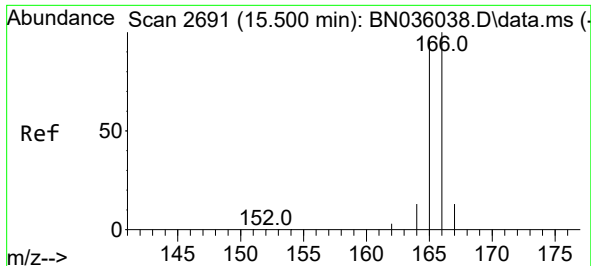
Ion Ratio Lower Upper

153 100

152 51.1 43.2 64.8

154 84.7 70.5 105.7

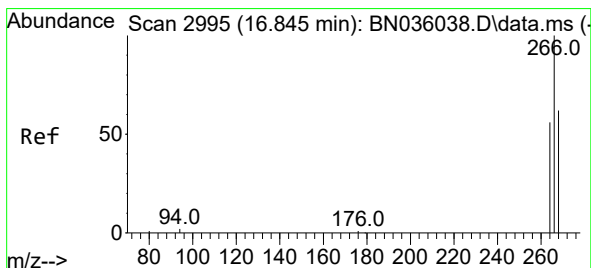
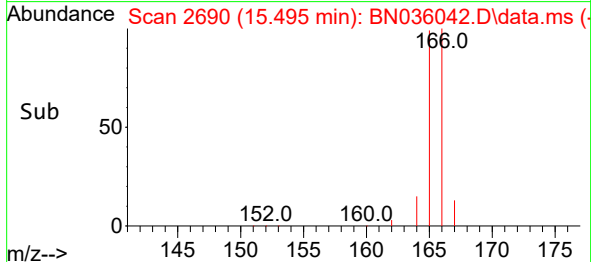
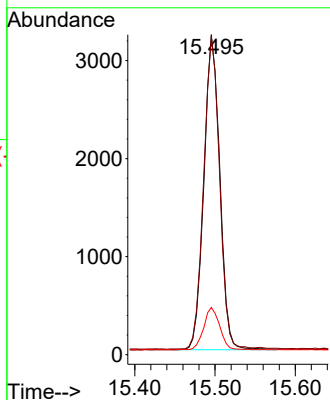
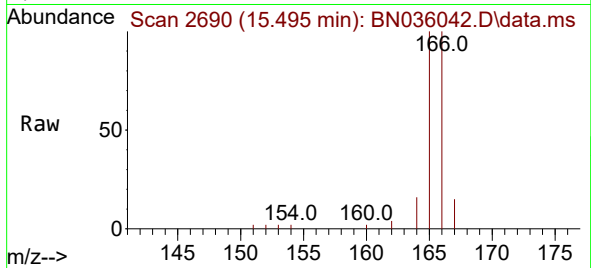




#12
 Fluorene
 Concen: 0.418 ng/ul
 RT: 15.495 min Scan# 2690
 Delta R.T. -0.005 min
 Lab File: BN036042.D
 Acq: 27 Jan 2025 18:25

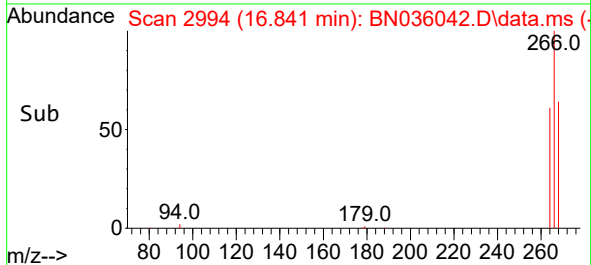
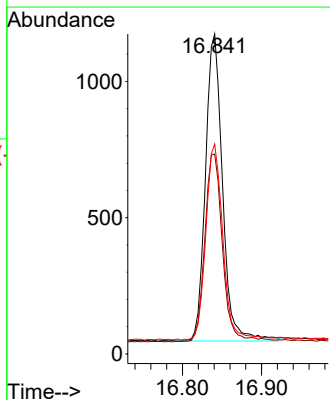
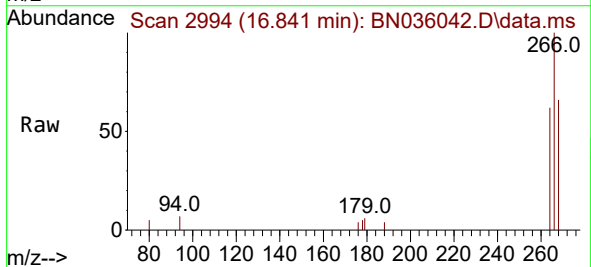
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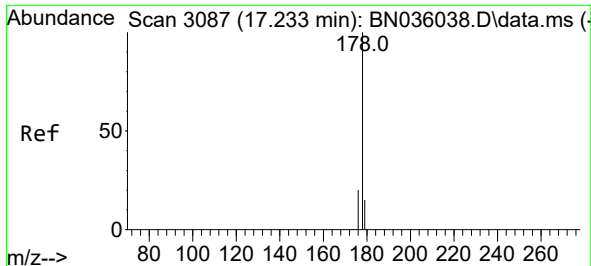
Tgt Ion:166 Resp: 4416
 Ion Ratio Lower Upper
 166 100
 165 99.5 80.3 120.5
 167 14.7 12.3 18.5



#14
 Pentachlorophenol
 Concen: 0.932 ng/ul
 RT: 16.841 min Scan# 2994
 Delta R.T. -0.000 min
 Lab File: BN036042.D
 Acq: 27 Jan 2025 18:25

Tgt Ion:266 Resp: 1684
 Ion Ratio Lower Upper
 266 100
 264 63.5 50.6 75.8
 268 64.3 50.6 75.8

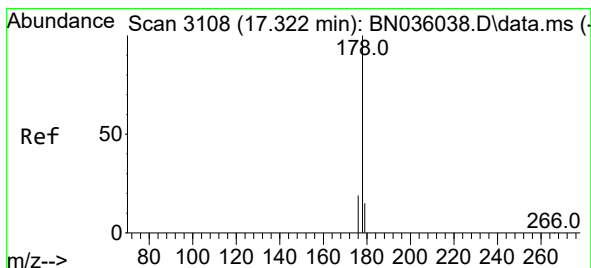
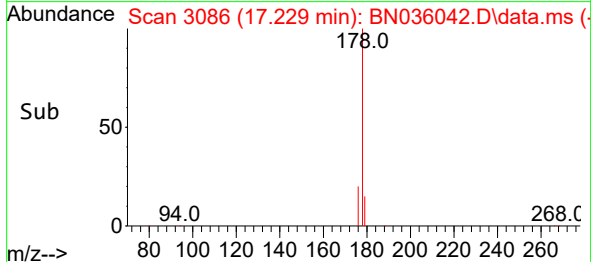
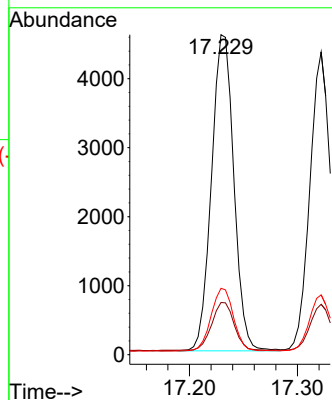
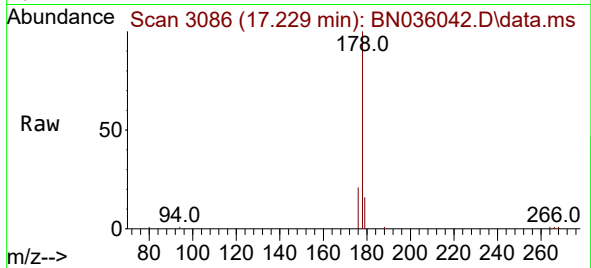




#15
Phenanthrene
Concen: 0.436 ng/ul
RT: 17.229 min Scan# 3086
Delta R.T. -0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

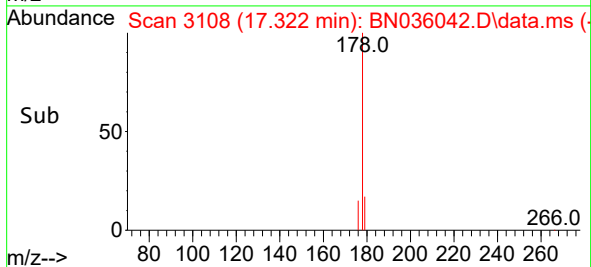
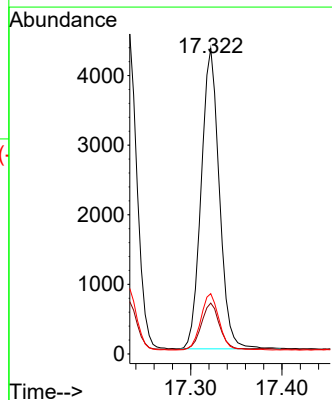
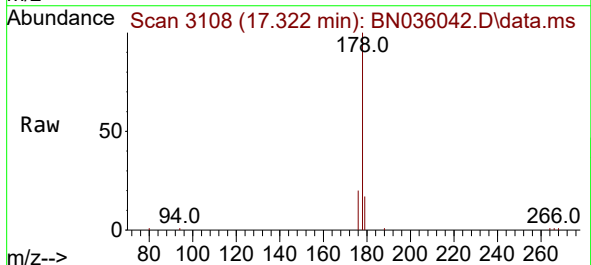
Instrument :
BNA_N
ClientSampleId :
E2944MS

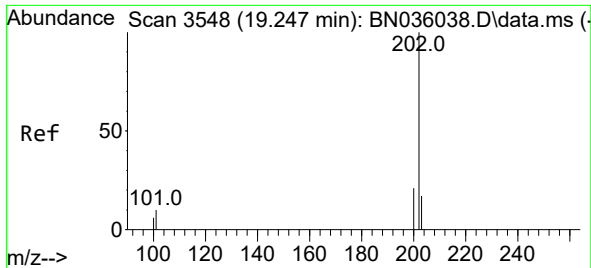
Tgt Ion:178 Resp: 6588
Ion Ratio Lower Upper
178 100
179 16.3 13.2 19.8
176 20.7 16.8 25.2



#16
Anthracene
Concen: 0.425 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:178 Resp: 5971
Ion Ratio Lower Upper
178 100
179 16.7 13.0 19.4
176 19.8 15.9 23.9

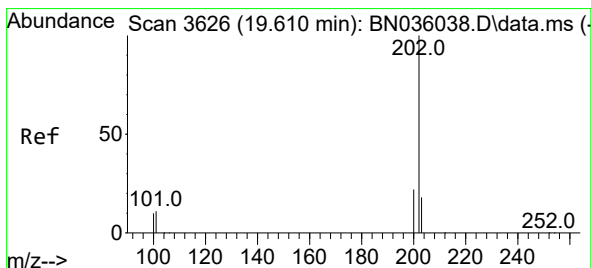
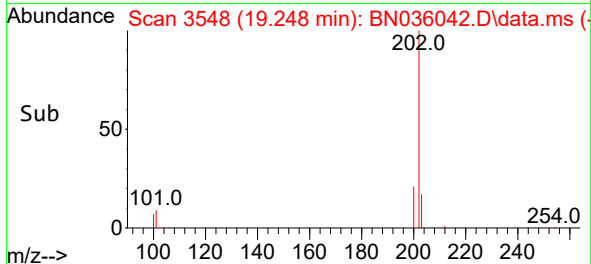
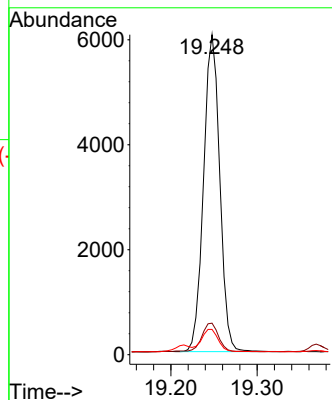
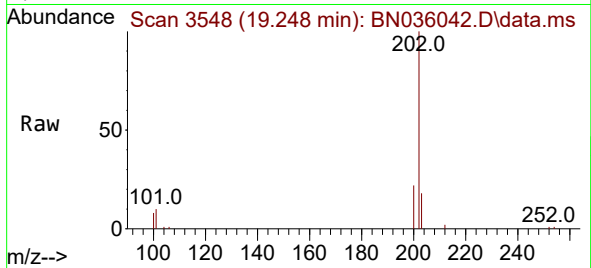




#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.248 min Scan# 3548
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

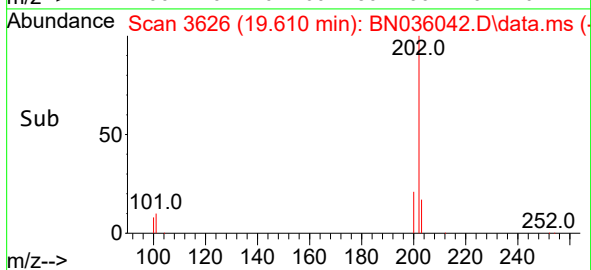
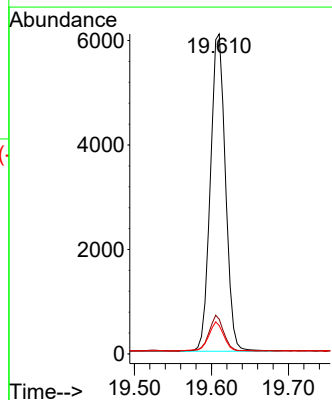
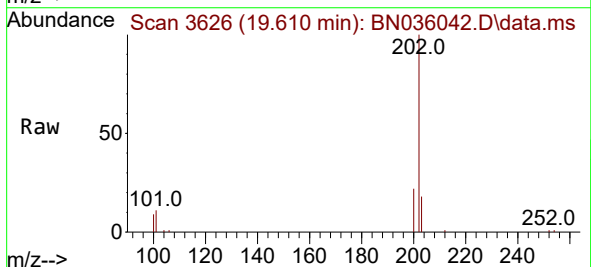
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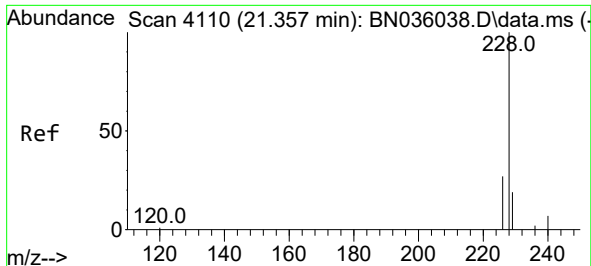
Tgt Ion:202 Resp: 7866
Ion Ratio Lower Upper
202 100
101 9.8 8.4 12.6
100 7.9 6.5 9.7



#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:202 Resp: 8266
Ion Ratio Lower Upper
202 100
101 10.9 9.3 13.9
100 8.8 7.5 11.3

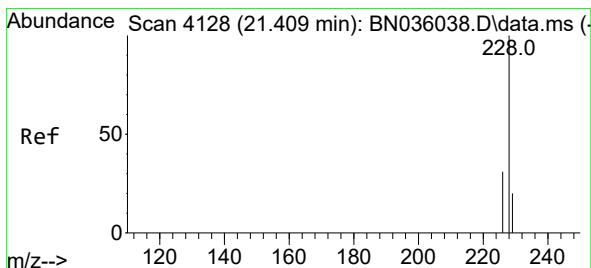
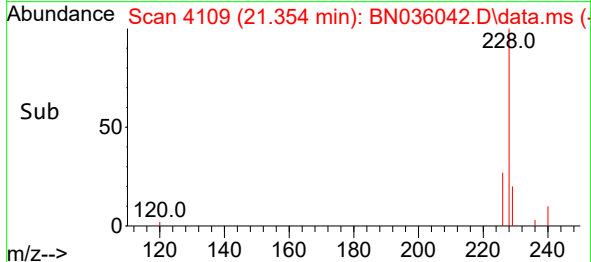
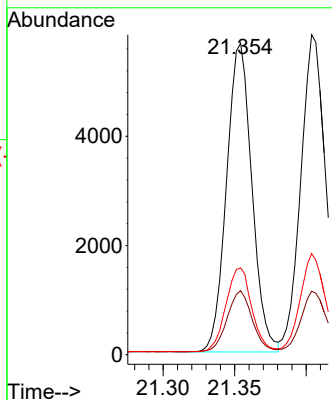
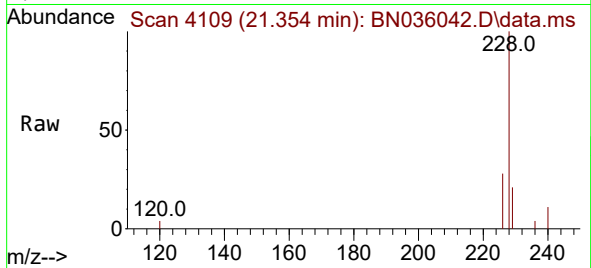




#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.354 min Scan# 4110
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

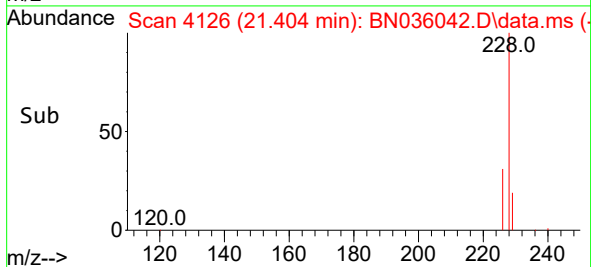
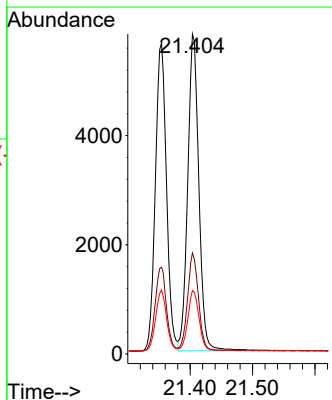
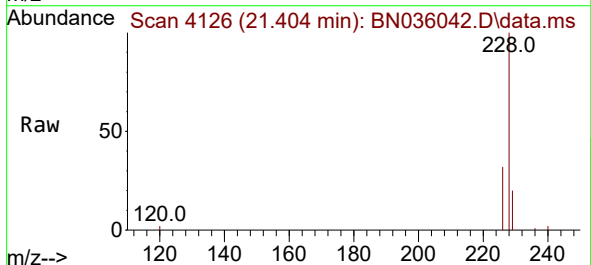
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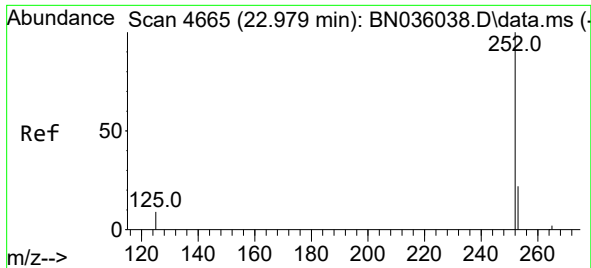
Tgt Ion:	228	Resp:	6975
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.9	22.8	34.2



#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.404 min Scan# 4126
Delta R.T. -0.003 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:	228	Resp:	7191
Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	19.9	15.9	23.9

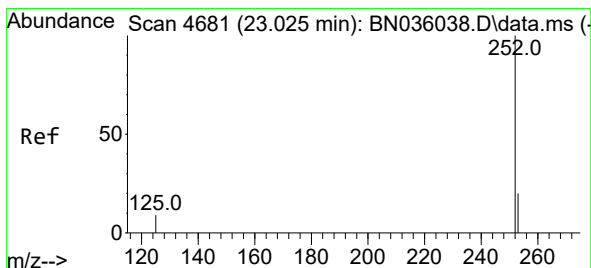
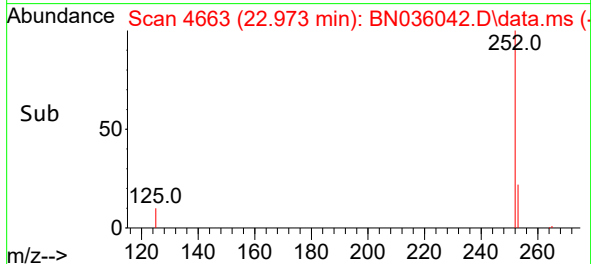
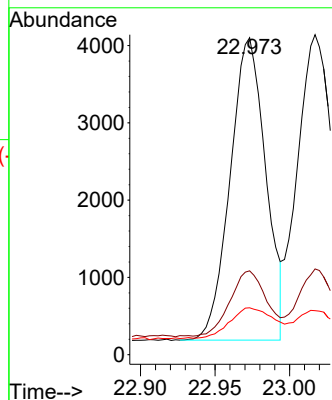
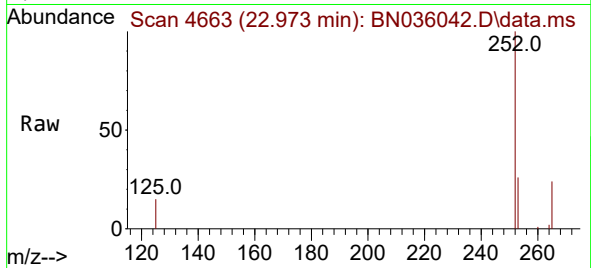




#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 22.973 min Scan# 4663
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

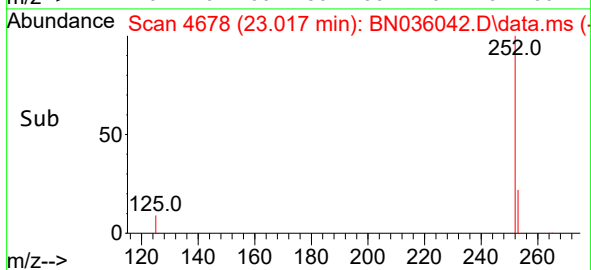
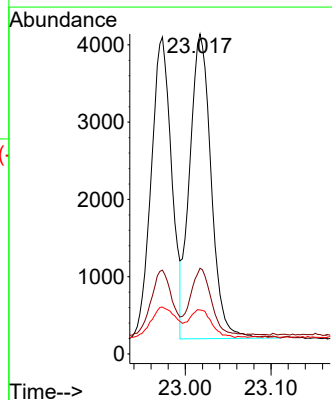
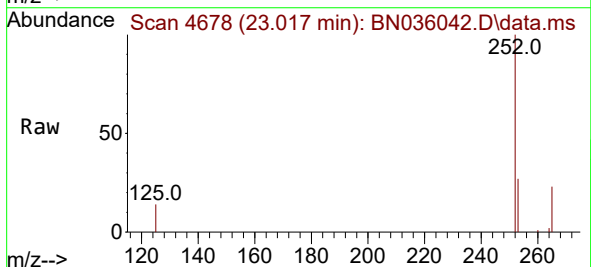
Instrument :
BNA_N
ClientSampleId :
E2944MS

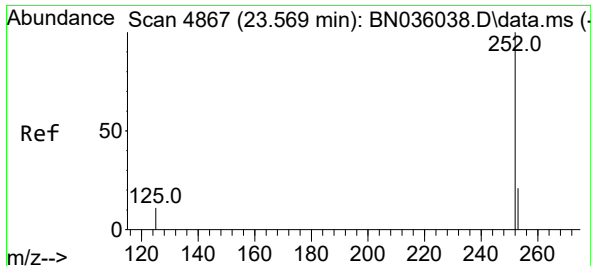
Tgt Ion:252 Resp: 6495
Ion Ratio Lower Upper
252 100
253 26.5 0.0 51.2
125 14.8 0.0 27.8



#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:252 Resp: 6860
Ion Ratio Lower Upper
252 100
253 26.8 20.2 30.4
125 13.8 10.6 16.0

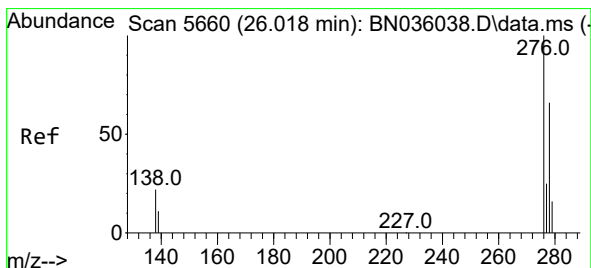
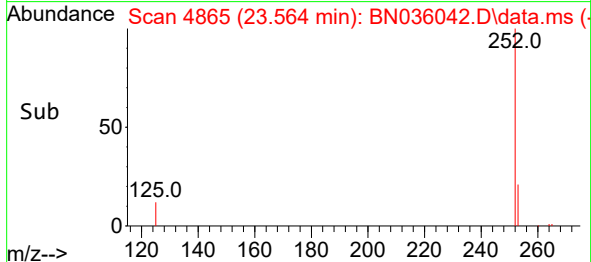
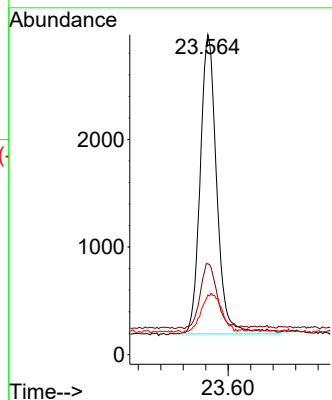
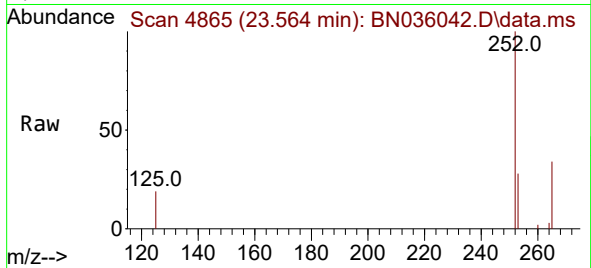




#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.564 min Scan# 41
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

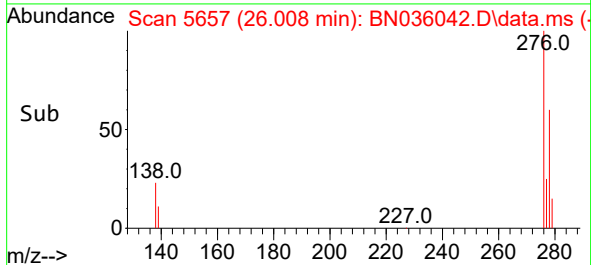
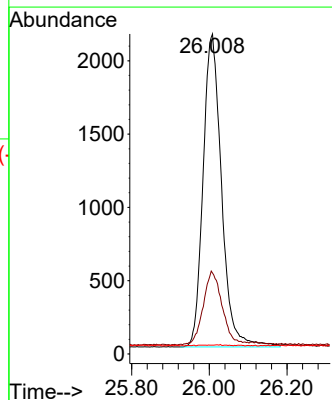
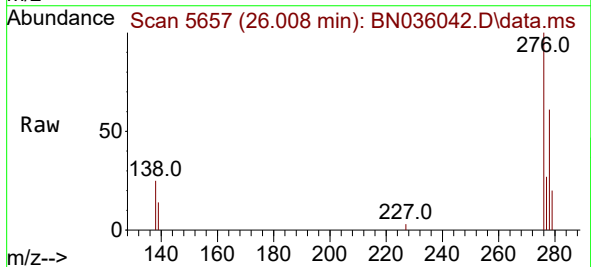
Instrument :
BNA_N
ClientSampleId :
E2944MS

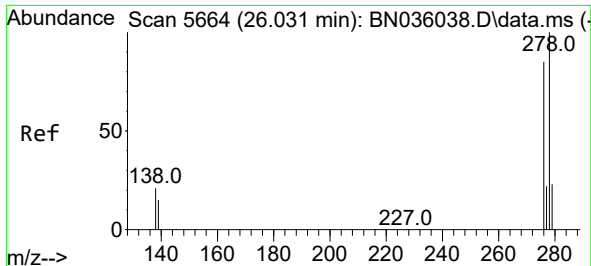
Tgt Ion:252 Resp: 5693
Ion Ratio Lower Upper
252 100
253 28.4 22.2 33.4
125 18.7 13.1 19.7



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. 0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:276 Resp: 7049
Ion Ratio Lower Upper
276 100
138 24.3 20.2 30.4
227 0.1 0.1 0.1#

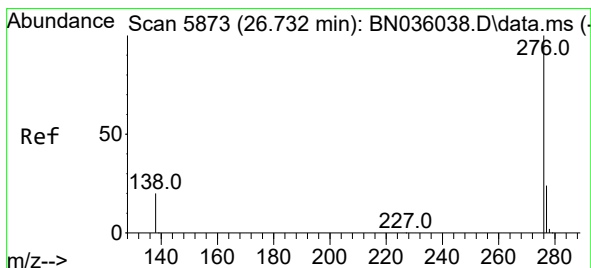
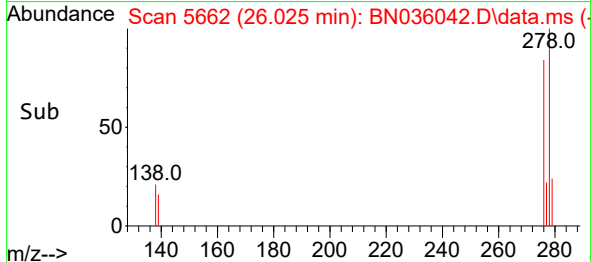
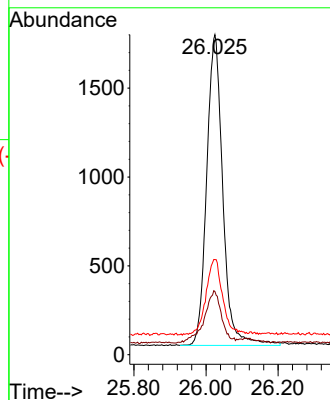
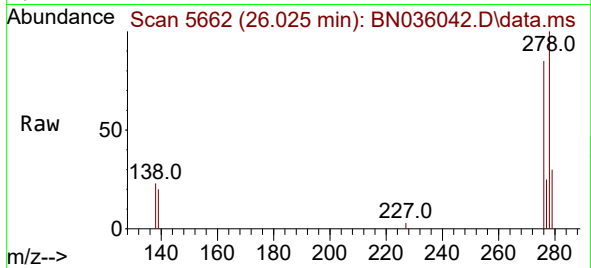




#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.025 min Scan# 51
Delta R.T. 0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:278 Resp: 5427
Ion Ratio Lower Upper
278 100
139 19.8 15.4 23.2
279 29.7 22.2 33.4



#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:276 Resp: 5458
Ion Ratio Lower Upper
276 100
138 23.7 19.4 29.0
277 26.6 21.1 31.7

