

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081823\
 Data File : BN026957.D
 Acq On : 18 Aug 2023 13:42
 Operator : MA/JU
 Sample : PB154872BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Quant Time: Aug 18 15:05:41 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 18 13:11:26 2023
 Response via : Initial Calibration

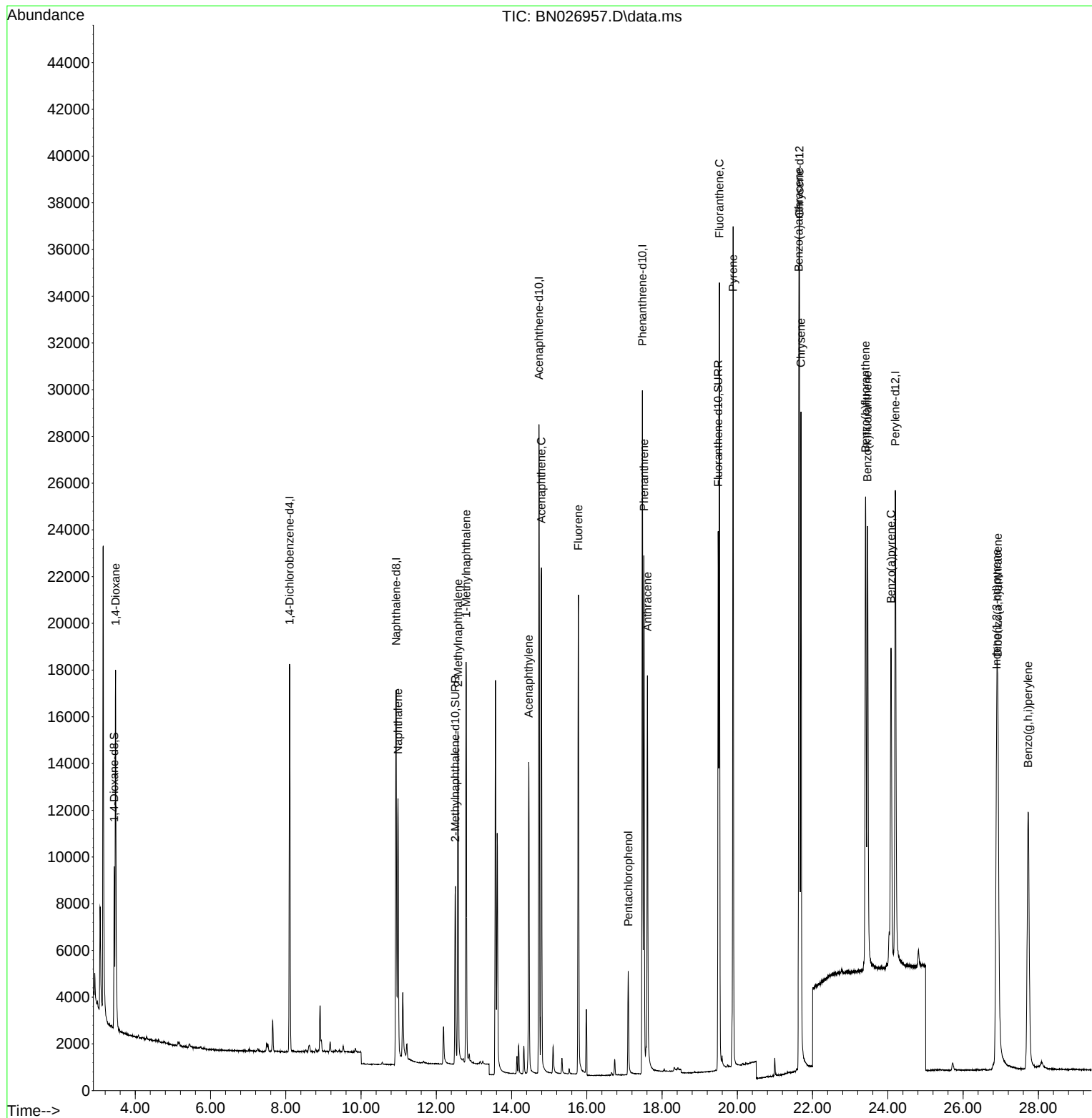
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	8621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.933	136	25075	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.730	164	15723	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.477	188	34930	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	29850	0.400	ng/ul	0.00
23) Perylene-d12	24.199	264	31771	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.439	96	4918	0.481	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.505	152	10542	0.286	ng/ul	0.00
18) Fluoranthene-d10	19.492	212	25428	0.270	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.477	88	11732	1.123	ng/ul#	94
5) Naphthalene	10.982	128	16467	0.232	ng/ul	99
7) 2-Methylnaphthalene	12.577	142	10691	0.249	ng/ul	100
8) 1-Methylnaphthalene	12.791	142	11991	0.267	ng/ul	99
10) Acenaphthylene	14.458	152	16132	0.183	ng/ul	99
11) Acenaphthene	14.795	153	13001	0.213	ng/ul	100
12) Fluorene	15.776	166	14454	0.210	ng/ul	99
14) Pentachlorophenol	17.101	266	3264	0.330	ng/ul	99
15) Phenanthrene	17.519	178	24481	0.213	ng/ul	100
16) Anthracene	17.612	178	20110	0.194	ng/ul	100
19) Fluoranthene	19.524	202	29246	0.236	ng/ul	99
20) Pyrene	19.887	202	30582	0.231	ng/ul	100
21) Benzo(a)anthracene	21.635	228	26427	0.223	ng/ul	100
22) Chrysene	21.691	228	27892	0.238	ng/ul	100
24) Benzo(b)fluoranthene	23.410	252	30277	0.252	ng/ul	96
25) Benzo(k)fluoranthene	23.462	252	29556	0.249	ng/ul#	95
26) Benzo(a)pyrene	24.085	252	26108	0.241	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.891	276	33398	0.235	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.924	278	25775	0.228	ng/ul	97
29) Benzo(g,h,i)perylene	27.729	276	28995	0.245	ng/ul	99

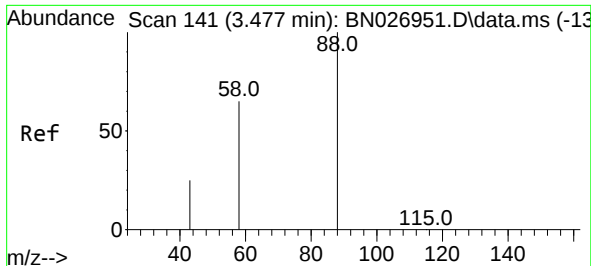
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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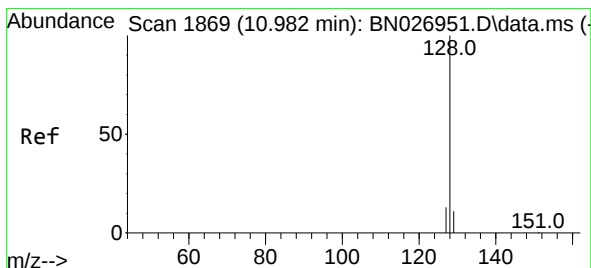
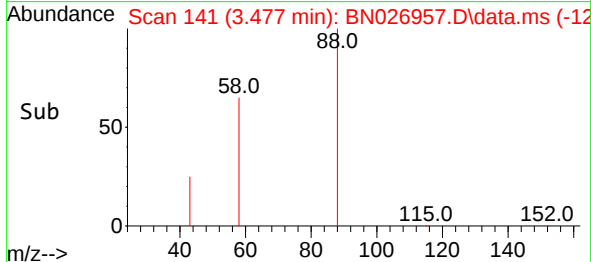
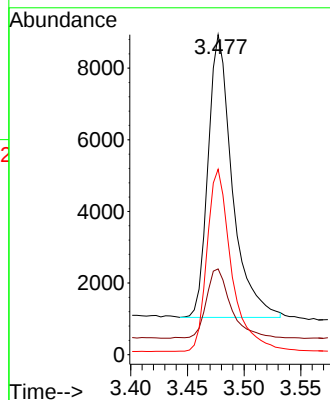
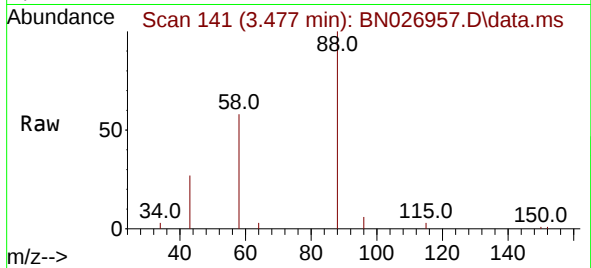




#2
1,4-Dioxane
Concen: 1.123 ng/ul
RT: 3.477 min Scan# 141
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

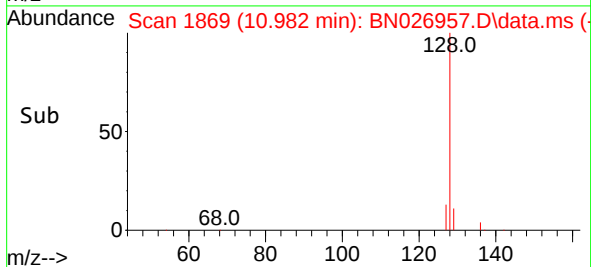
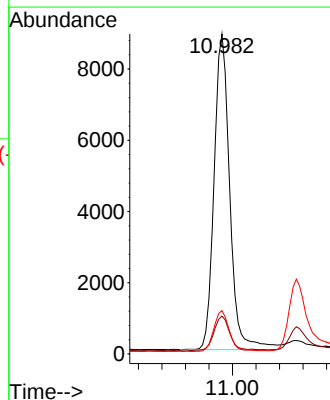
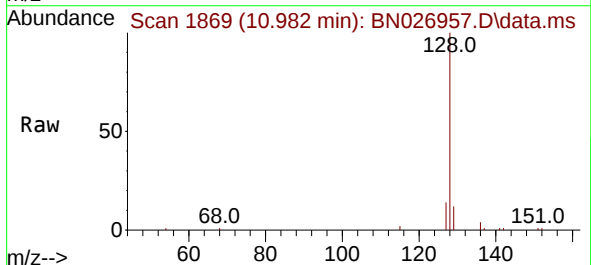
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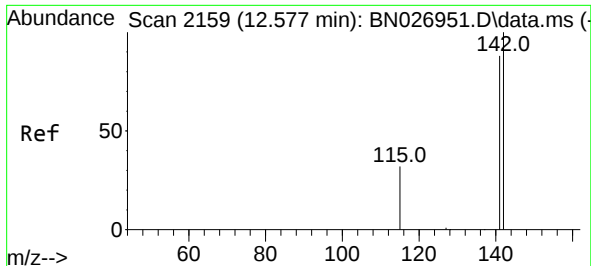
Tgt Ion: 88 Resp: 11732
Ion Ratio Lower Upper
88 100
43 26.8 28.0 42.0#
58 57.9 46.0 69.0



#5
Naphthalene
Concen: 0.232 ng/ul
RT: 10.982 min Scan# 1869
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:128 Resp: 16467
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.6 10.5 15.7

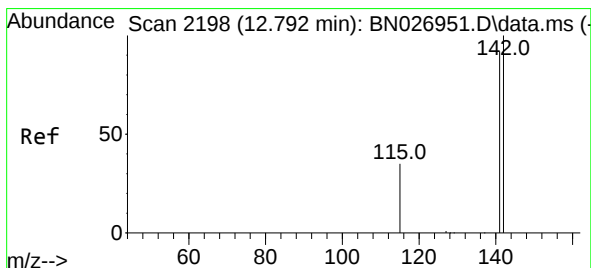
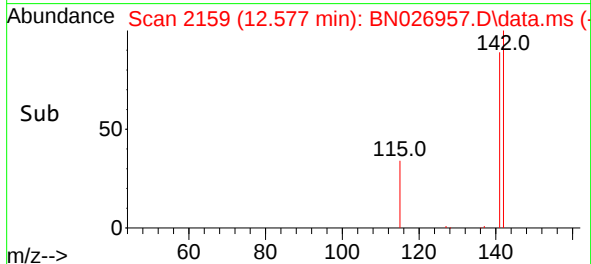
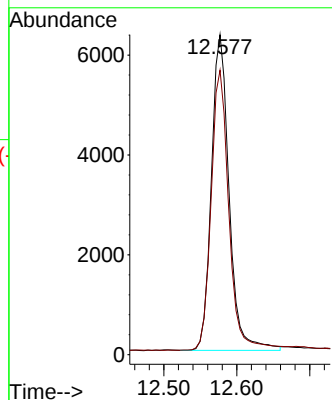
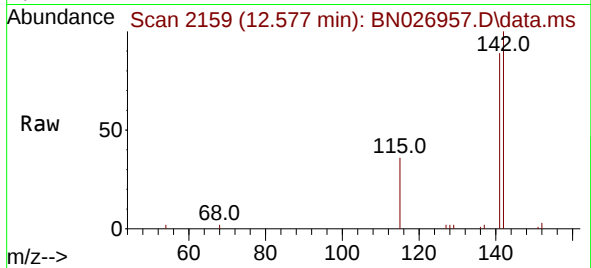




#7
2-Methylnaphthalene
Concen: 0.249 ng/ul
RT: 12.577 min Scan# 2159
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

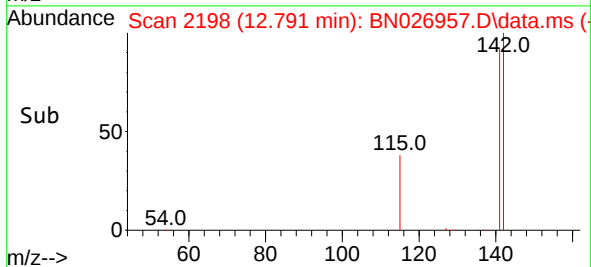
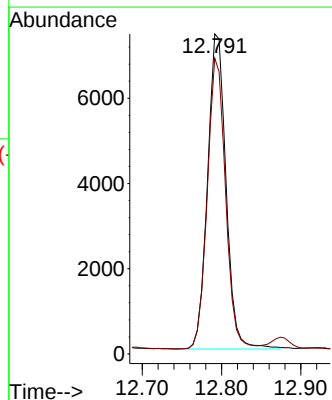
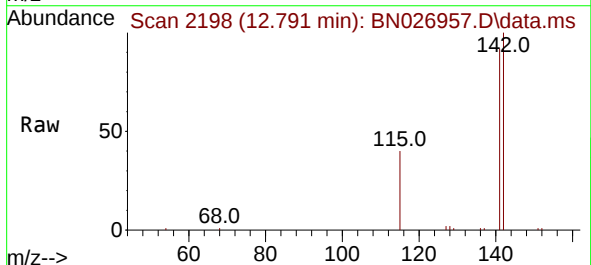
Instrument :
BNA_N
ClientSampleId :
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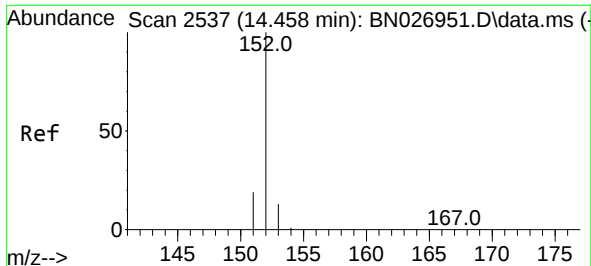
Tgt Ion:142 Resp: 10691
Ion Ratio Lower Upper
142 100
141 88.9 70.9 106.3



#8
1-Methylnaphthalene
Concen: 0.267 ng/ul
RT: 12.791 min Scan# 2198
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:142 Resp: 11991
Ion Ratio Lower Upper
142 100
141 90.9 73.2 109.8

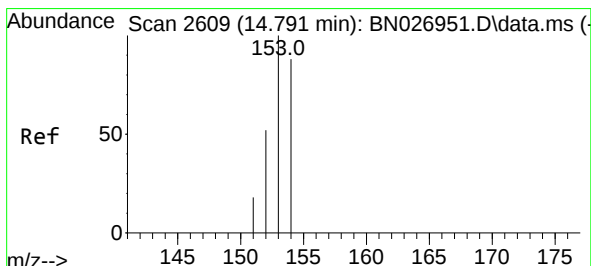
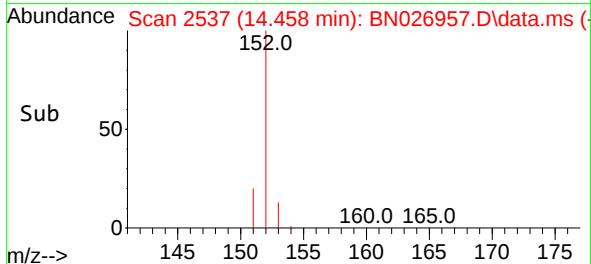
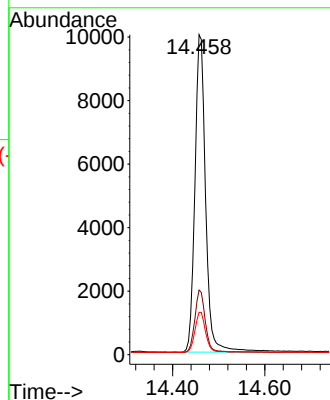
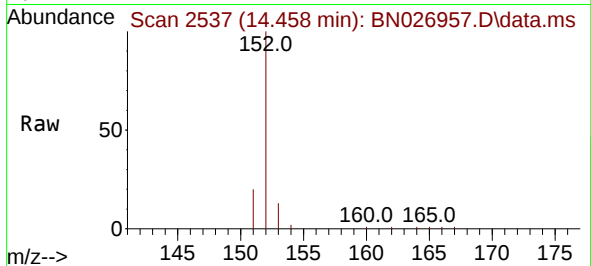




#10
Acenaphthylene
Concen: 0.183 ng/ul
RT: 14.458 min Scan# 2537
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

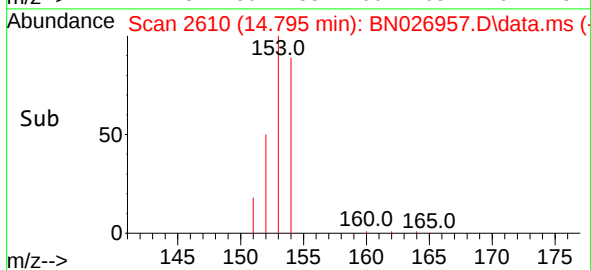
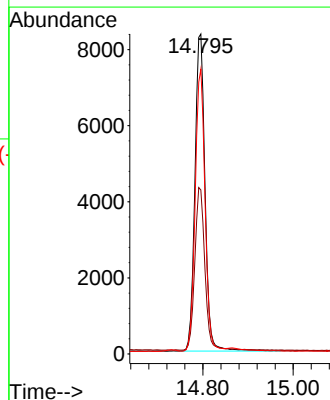
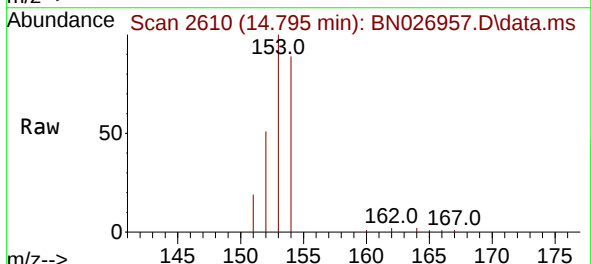
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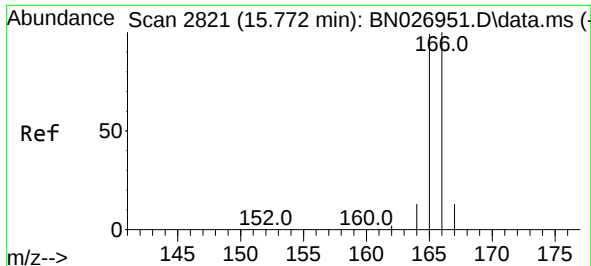
Tgt Ion:152 Resp: 16132
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 13.3 11.0 16.6



#11
Acenaphthene
Concen: 0.213 ng/ul
RT: 14.795 min Scan# 2610
Delta R.T. 0.004 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:153 Resp: 13001
Ion Ratio Lower Upper
153 100
152 51.3 41.1 61.7
154 89.0 71.6 107.4

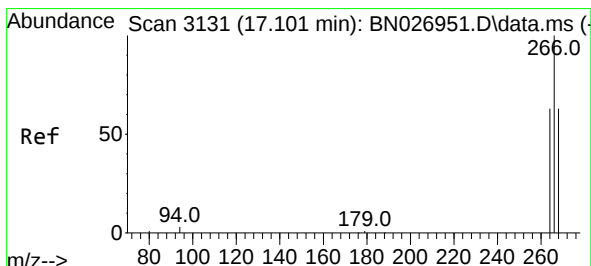
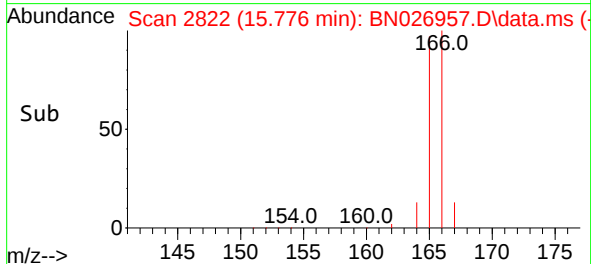
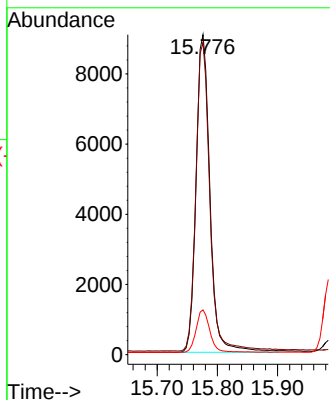
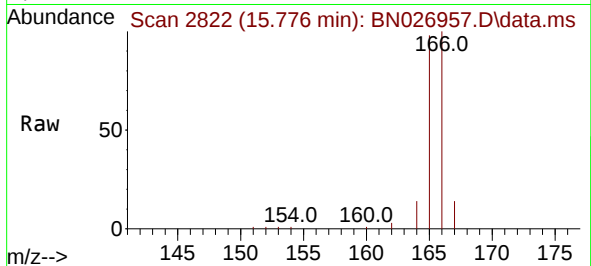




#12
 Fluorene
 Concen: 0.210 ng/ul
 RT: 15.776 min Scan# 2821
 Delta R.T. 0.004 min
 Lab File: BN026957.D
 Acq: 18 Aug 2023 13:42

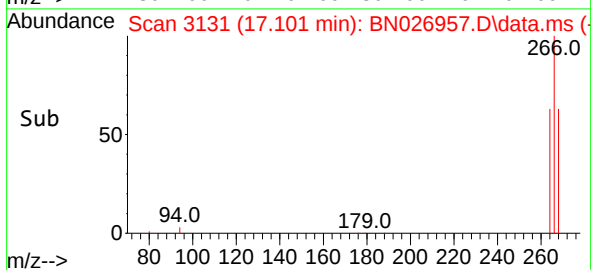
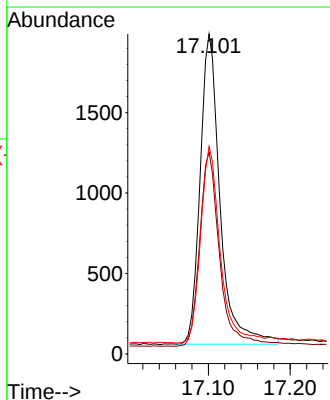
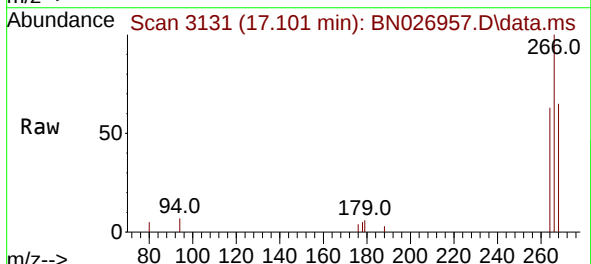
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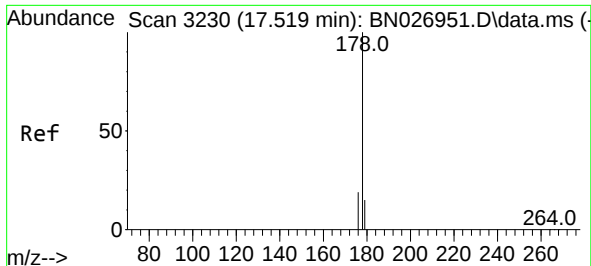
Tgt Ion:166 Resp: 14454
 Ion Ratio Lower Upper
 166 100
 165 97.6 79.1 118.7
 167 14.0 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.330 ng/ul
 RT: 17.101 min Scan# 3131
 Delta R.T. -0.000 min
 Lab File: BN026957.D
 Acq: 18 Aug 2023 13:42

Tgt Ion:266 Resp: 3264
 Ion Ratio Lower Upper
 266 100
 264 62.7 50.4 75.6
 268 63.1 51.2 76.8

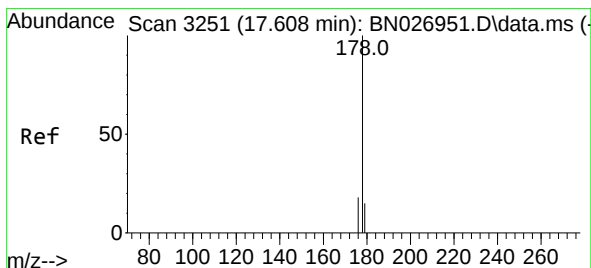
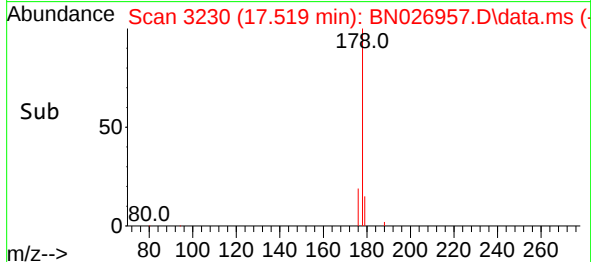
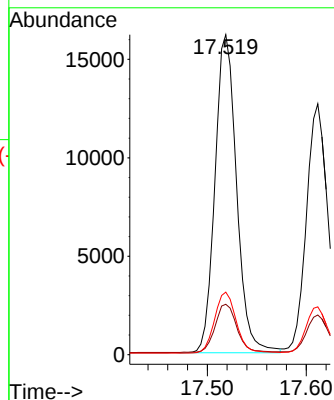
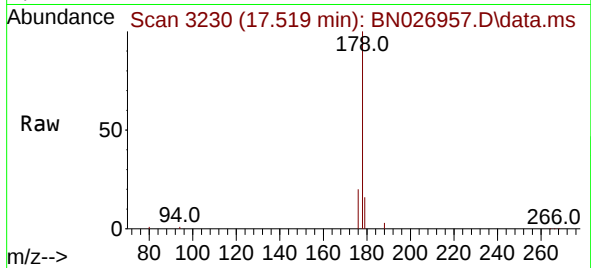




#15
Phenanthrene
Concen: 0.213 ng/ul
RT: 17.519 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

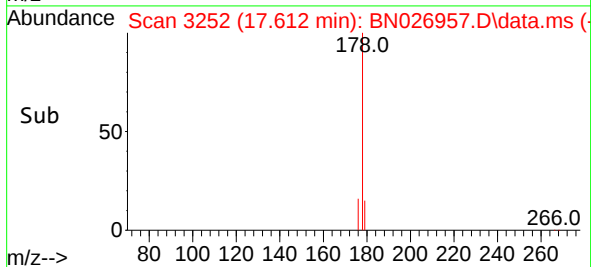
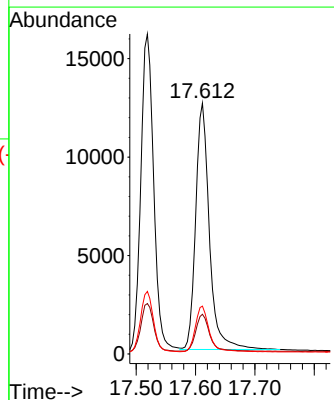
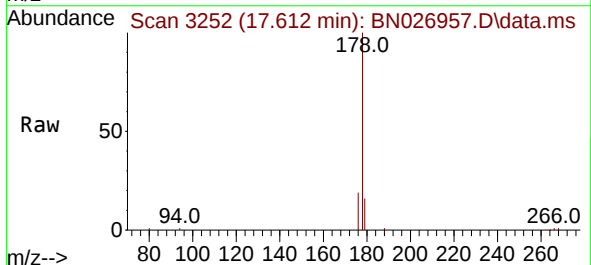
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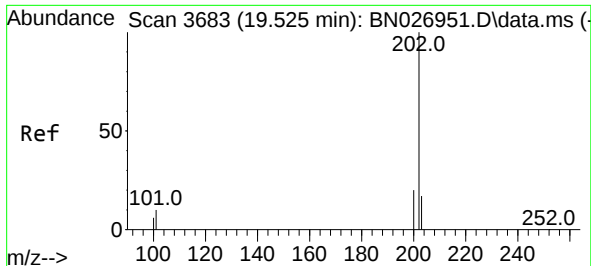
Tgt Ion:178 Resp: 24481
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.5 15.4 23.2



#16
Anthracene
Concen: 0.194 ng/ul
RT: 17.612 min Scan# 3252
Delta R.T. 0.004 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:178 Resp: 20110
Ion Ratio Lower Upper
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179 15.8 12.6 19.0
176 19.0 15.0 22.6

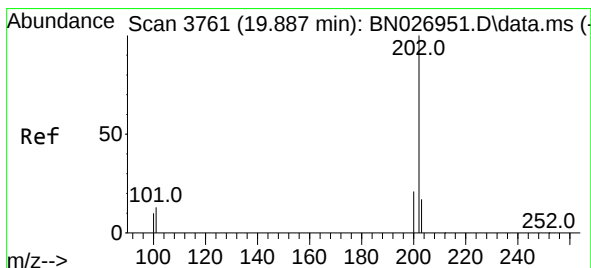
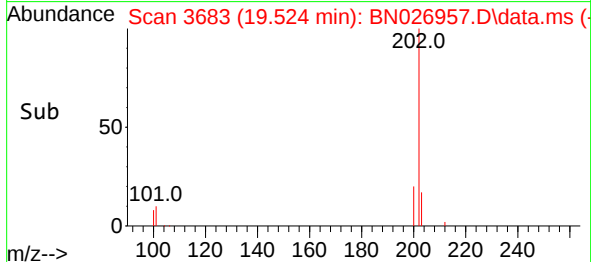
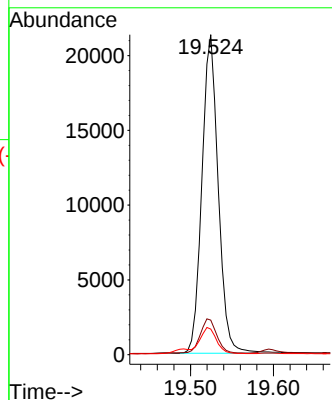
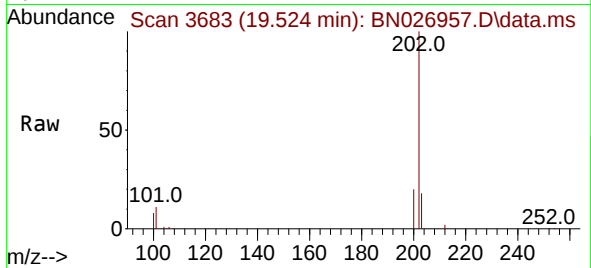




#19
Fluoranthene
Concen: 0.236 ng/ul
RT: 19.524 min Scan# 3683
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

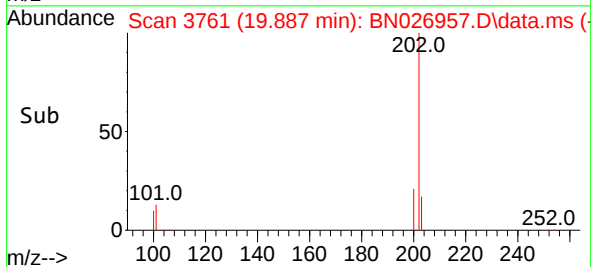
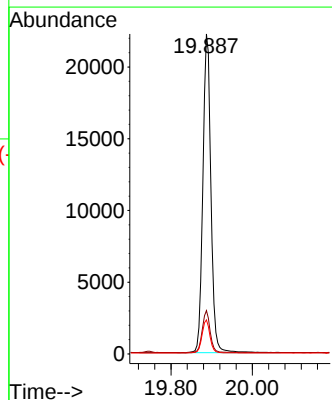
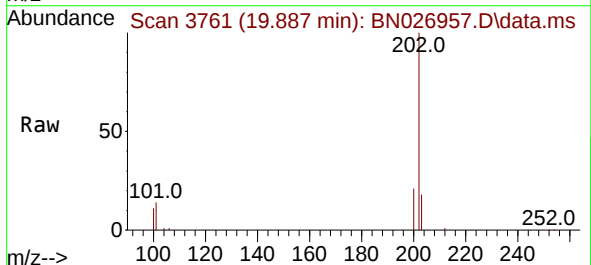
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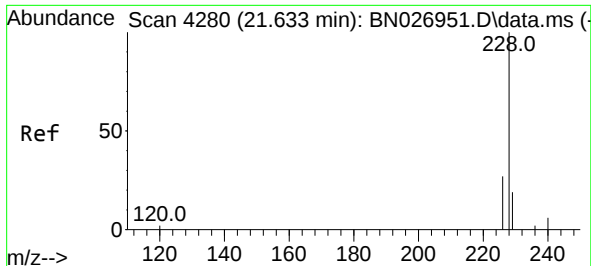
Tgt Ion:202 Resp: 29246
Ion Ratio Lower Upper
202 100
101 10.8 8.3 12.5
100 8.0 6.2 9.2



#20
Pyrene
Concen: 0.231 ng/ul
RT: 19.887 min Scan# 3761
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:202 Resp: 30582
Ion Ratio Lower Upper
202 100
101 13.6 10.7 16.1
100 10.6 8.5 12.7

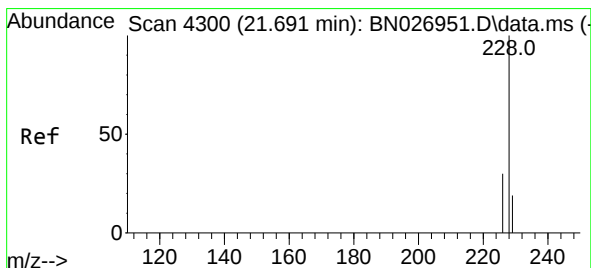
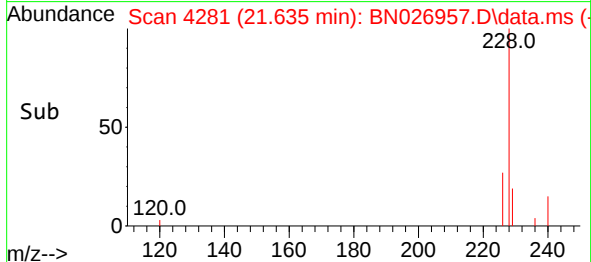
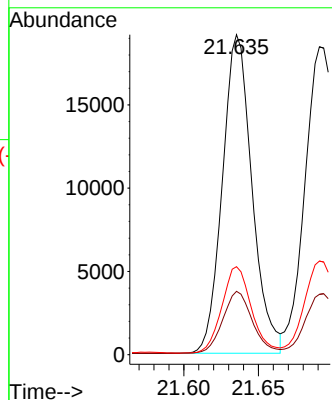
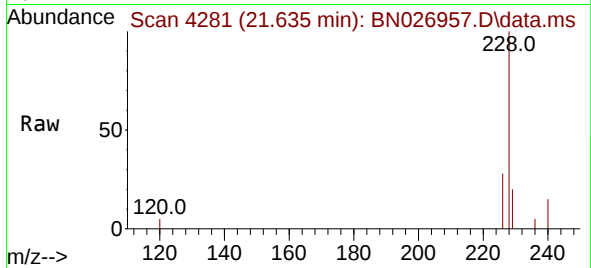




#21
Benzo(a)anthracene
Concen: 0.223 ng/ul
RT: 21.635 min Scan# 4281
Delta R.T. 0.003 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

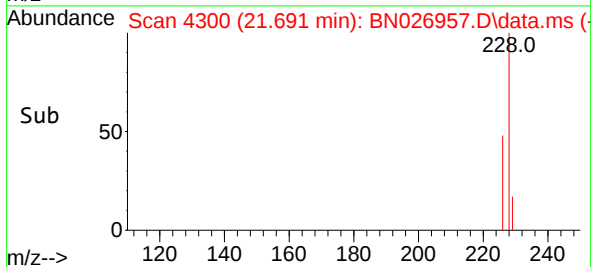
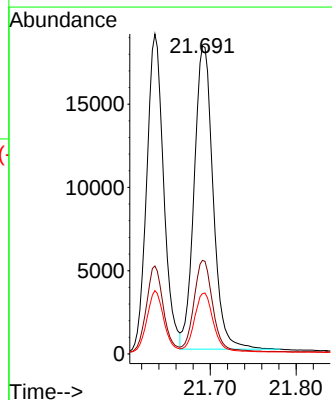
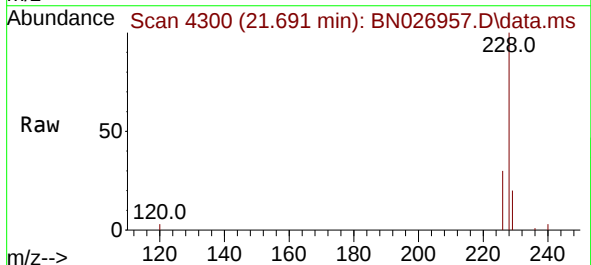
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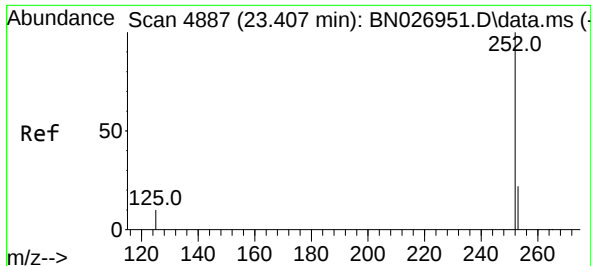
Tgt Ion:228 Resp: 26427
Ion Ratio Lower Upper
228 100
229 19.8 16.0 24.0
226 27.5 22.2 33.2



#22
Chrysene
Concen: 0.238 ng/ul
RT: 21.691 min Scan# 4300
Delta R.T. -0.000 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:228 Resp: 27892
Ion Ratio Lower Upper
228 100
226 30.4 24.6 36.8
229 19.6 15.8 23.6

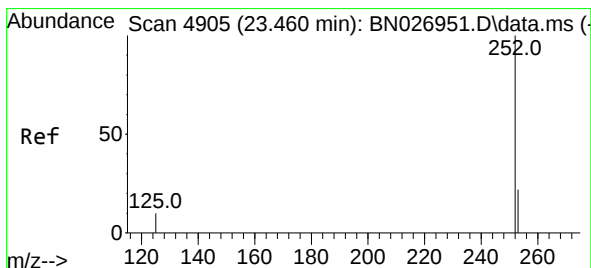
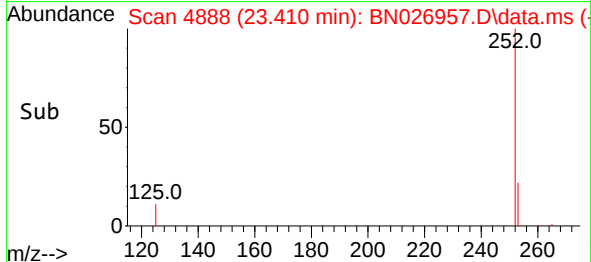
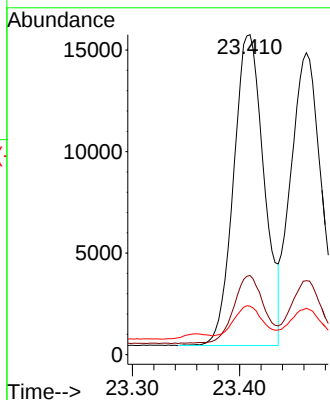
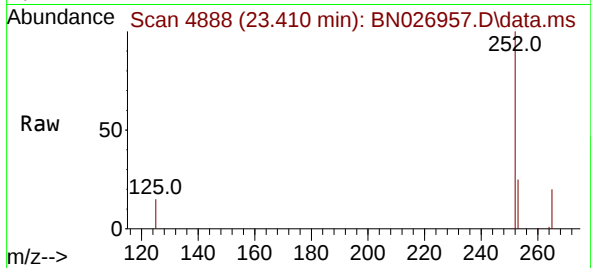




#24
Benzo(b)fluoranthene
Concen: 0.252 ng/ul
RT: 23.410 min Scan# 4888
Delta R.T. 0.003 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

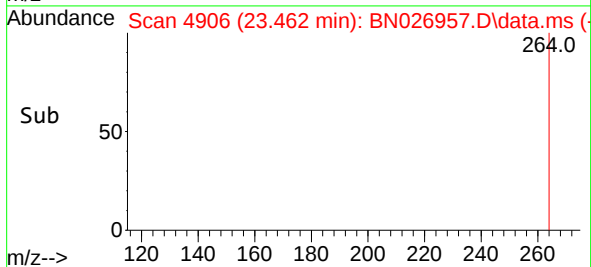
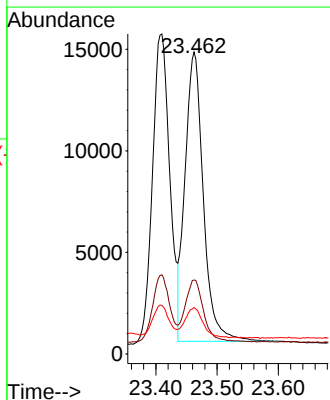
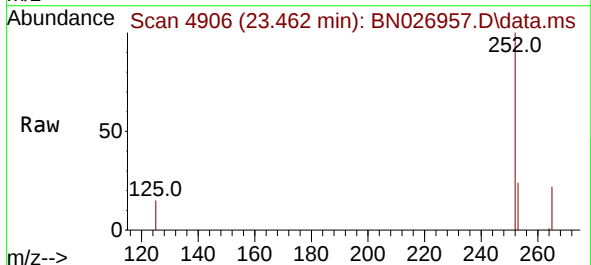
Instrument :
BNA_N
ClientSampleId :
SLCS872

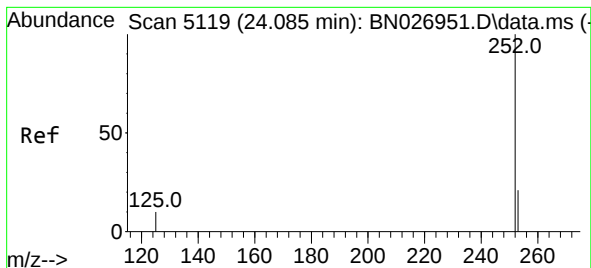
Tgt Ion:252 Resp: 30277
Ion Ratio Lower Upper
252 100
253 24.7 0.0 46.8
125 15.2 0.0 25.2



#25
Benzo(k)fluoranthene
Concen: 0.249 ng/ul
RT: 23.462 min Scan# 4906
Delta R.T. 0.003 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:252 Resp: 29556
Ion Ratio Lower Upper
252 100
253 24.5 18.2 27.4
125 15.4 9.9 14.9#





#26

Benzo(a)pyrene

Concen: 0.241 ng/ul

RT: 24.085 min Scan# 5119

Delta R.T. -0.000 min

Lab File: BN026957.D

Acq: 18 Aug 2023 13:42

Instrument :

BNA_N

ClientSampleId :

SLCS872

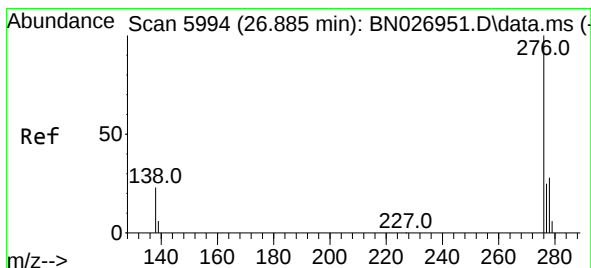
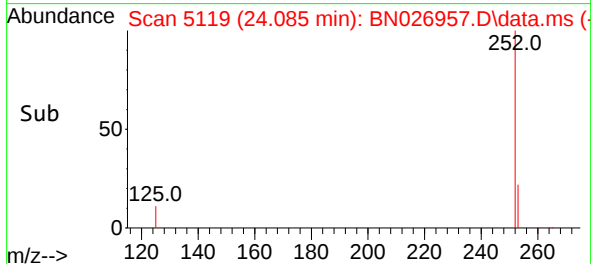
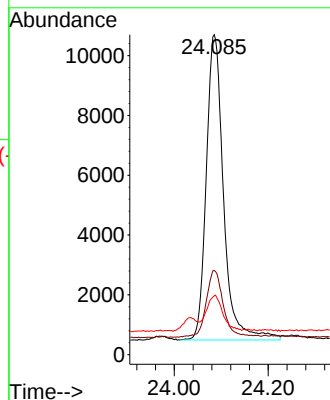
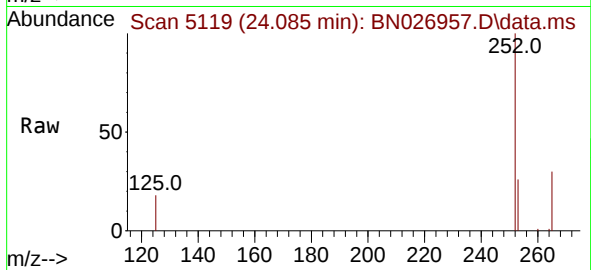
Tgt Ion:252 Resp: 26108

Ion Ratio Lower Upper

252 100

253 26.3 19.0 28.6

125 18.4 11.4 17.0#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.235 ng/ul

RT: 26.891 min Scan# 5996

Delta R.T. 0.006 min

Lab File: BN026957.D

Acq: 18 Aug 2023 13:42

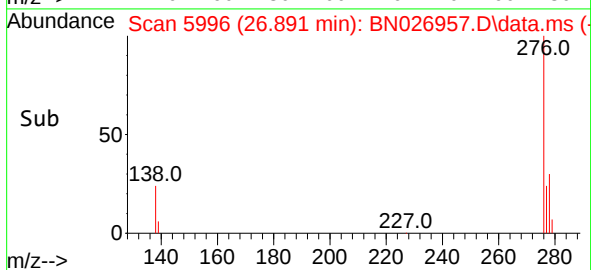
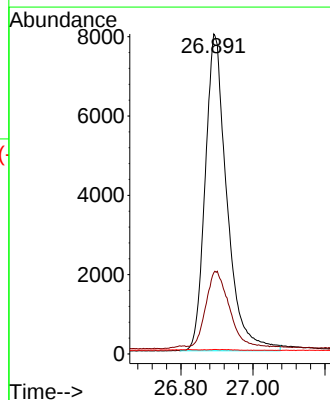
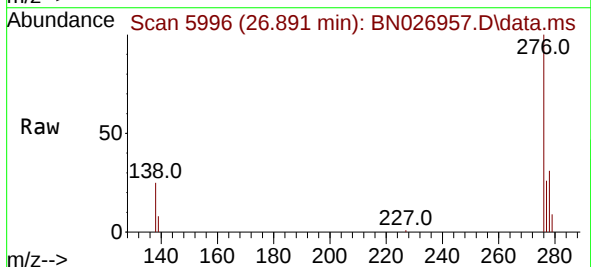
Tgt Ion:276 Resp: 33398

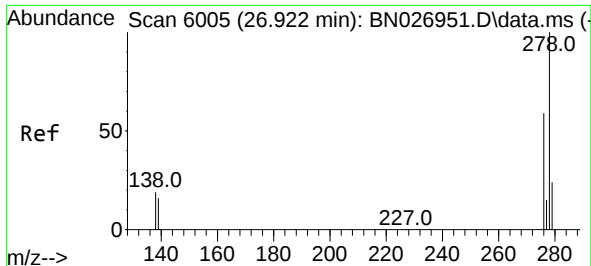
Ion Ratio Lower Upper

276 100

138 26.0 21.6 32.4

227 0.0 0.0 0.0#

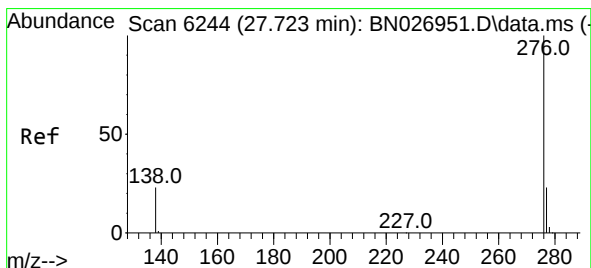
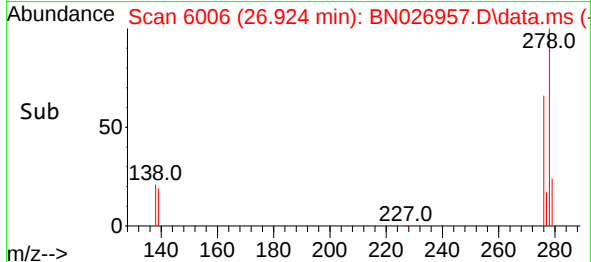
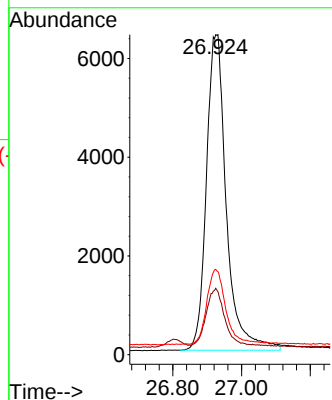
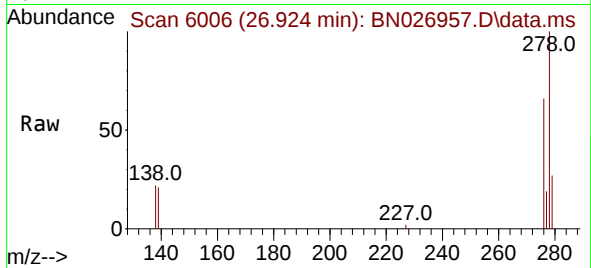




#28
Dibenzo(a,h)anthracene
Concen: 0.228 ng/ul
RT: 26.924 min Scan# 6005
Delta R.T. 0.003 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Instrument :
BNA_N
ClientSampleId :
SLCS872

Tgt Ion:278 Resp: 25775
Ion Ratio Lower Upper
278 100
139 20.8 15.7 23.5
279 26.6 20.2 30.4



#29
Benzo(g,h,i)perylene
Concen: 0.245 ng/ul
RT: 27.729 min Scan# 6246
Delta R.T. 0.006 min
Lab File: BN026957.D
Acq: 18 Aug 2023 13:42

Tgt Ion:276 Resp: 28995
Ion Ratio Lower Upper
276 100
138 25.0 19.3 28.9
277 25.0 19.8 29.8

