

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070523\
 Data File : BN026345.D
 Acq On : 07 Jul 2023 00:26
 Operator : MA/JU
 Sample : PB153587BS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS587

Quant Time: Jul 07 00:59:05 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 06 17:50:03 2023
 Response via : Initial Calibration

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

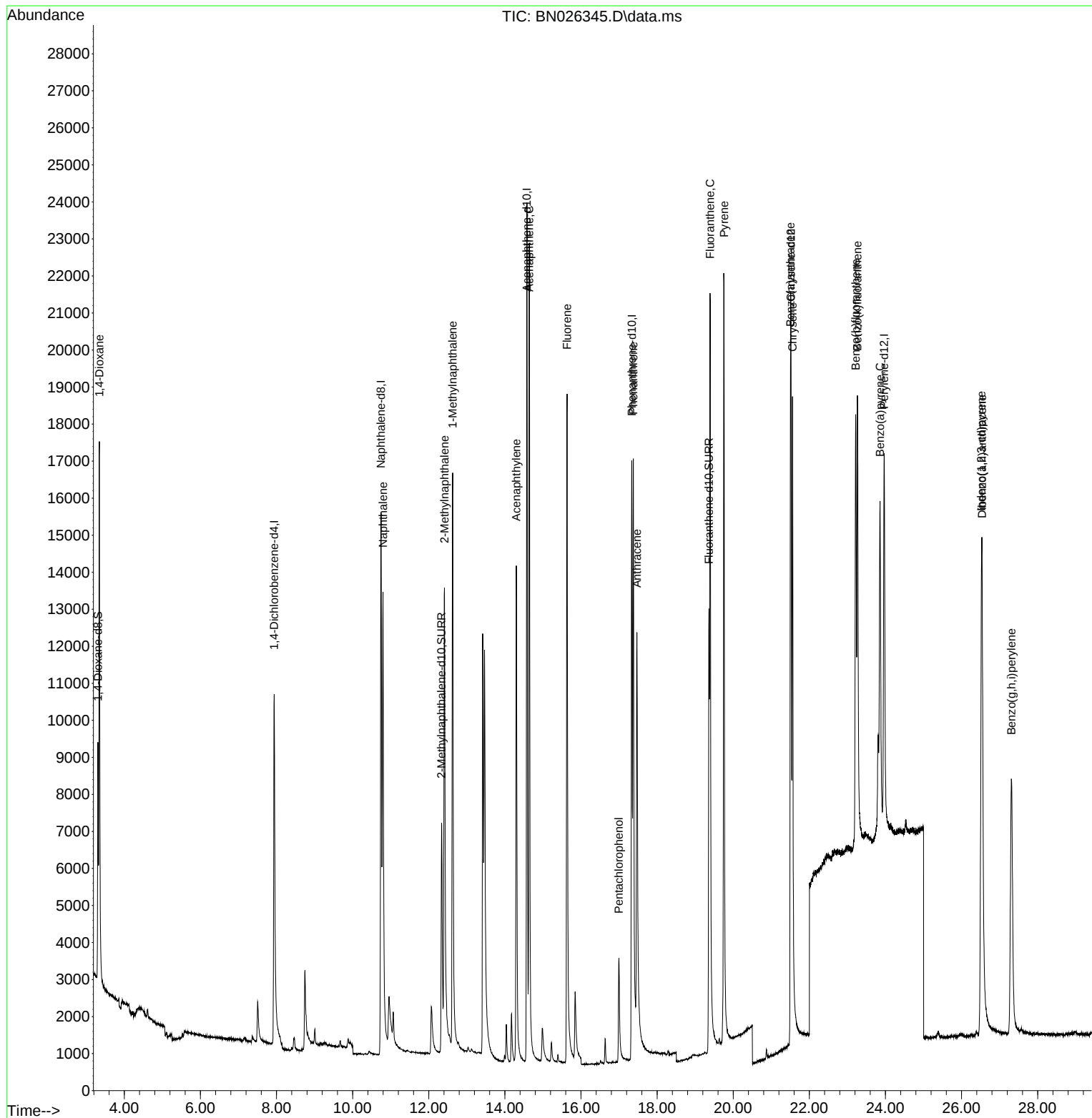
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	7662	0.400	ng/ul	0.00
4) Naphthalene-d8	10.747	136	26497	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	14515	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.334	188	24059	0.400	ng/ul	0.00
17) Chrysene-d12	21.519	240	14892	0.400	ng/ul	0.00
23) Perylene-d12	23.966	264	16104	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.310	96	4629	0.536	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.336	152	11290	0.277	ng/ul	0.00
18) Fluoranthene-d10	19.363	212	16961	0.299	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.343	88	10991	1.200	ng/ul#	86
5) Naphthalene	10.796	128	21171	0.279	ng/ul	100
7) 2-Methylnaphthalene	12.413	142	12327	0.255	ng/ul	99
8) 1-Methylnaphthalene	12.628	142	13121	0.262	ng/ul	100
10) Acenaphthylene	14.301	152	19579	0.288	ng/ul	100
11) Acenaphthene	14.639	153	15221	0.274	ng/ul	99
12) Fluorene	15.634	166	15694	0.246	ng/ul	99
14) Pentachlorophenol	16.996	266	2800	0.325	ng/ul	99
15) Phenanthrene	17.376	178	21107	0.266	ng/ul	99
16) Anthracene	17.469	178	18584	0.263	ng/ul	98
19) Fluoranthene	19.395	202	21810	0.274	ng/ul	97
20) Pyrene	19.758	202	22864	0.276	ng/ul	96
21) Benzo(a)anthracene	21.505	228	16996	0.277	ng/ul	99
22) Chrysene	21.557	228	17976	0.281	ng/ul	99
24) Benzo(b)fluoranthene	23.218	252	18464	0.269	ng/ul	96
25) Benzo(k)fluoranthene	23.264	252	19572	0.284	ng/ul	96
26) Benzo(a)pyrene	23.858	252	16684	0.279	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.523	276	22172	0.340	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.540	278	17077	0.346	ng/ul	98
29) Benzo(g,h,i)perylene	27.311	276	19422	0.335	ng/ul	97

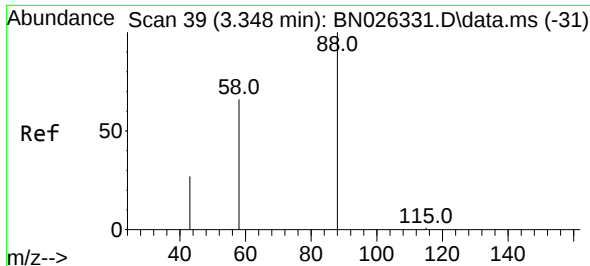
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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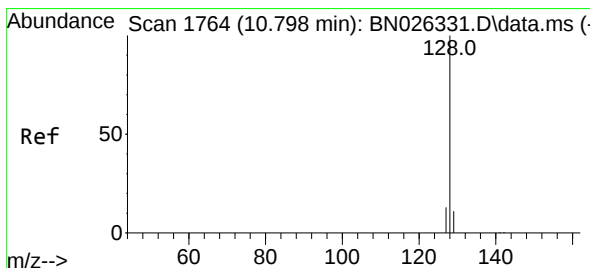
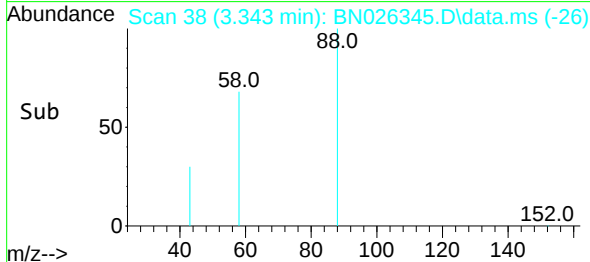
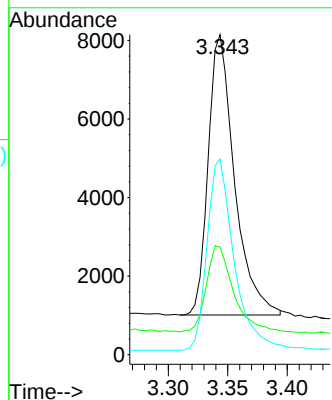
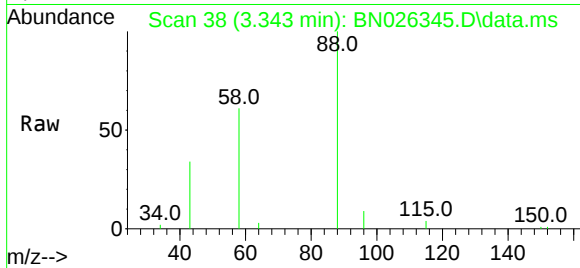




#2
1,4-Dioxane
Concen: 1.200 ng/ul
RT: 3.343 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

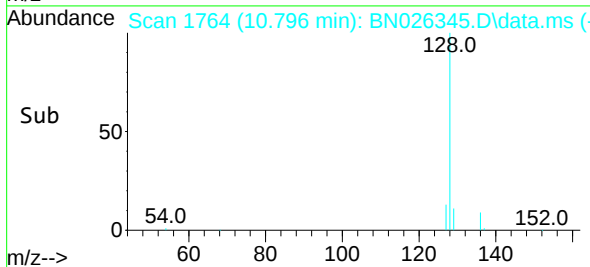
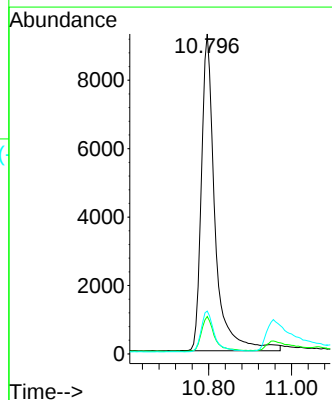
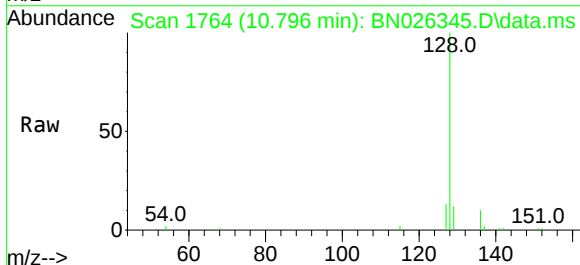
Instrument :
BNA_N
ClientSampleId :
SLCS587

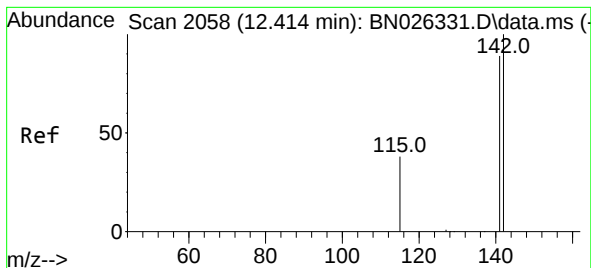
Tgt Ion: 88 Resp: 10991
Ion Ratio Lower Upper
88 100
43 33.6 29.5 44.3
58 61.1 37.4 56.2#



#5
Naphthalene
Concen: 0.279 ng/ul
RT: 10.796 min Scan# 1764
Delta R.T. -0.001 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:128 Resp: 21171
Ion Ratio Lower Upper
128 100
129 11.7 9.1 13.7
127 13.4 10.7 16.1

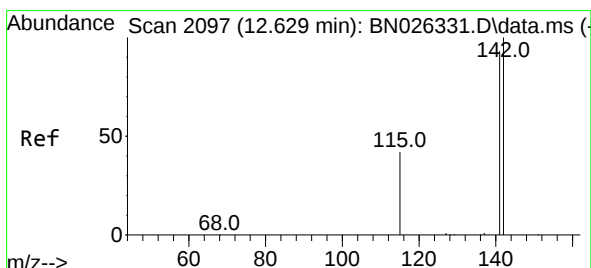
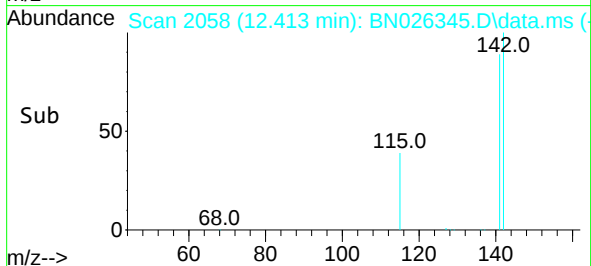
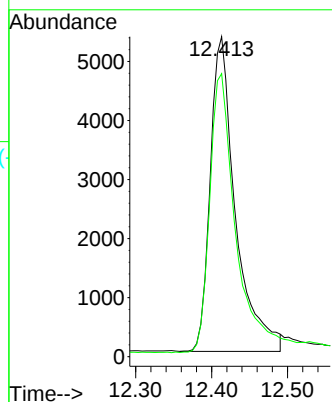
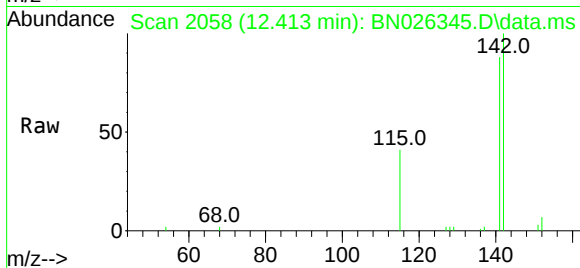




#7
2-Methylnaphthalene
Concen: 0.255 ng/ul
RT: 12.413 min Scan# 2058
Delta R.T. -0.001 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

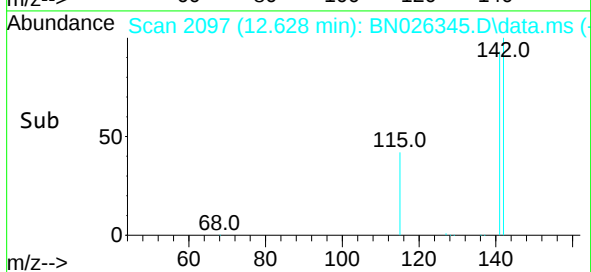
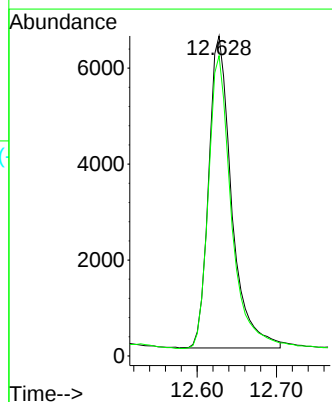
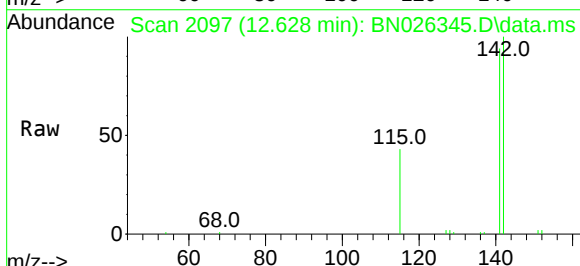
Instrument :
BNA_N
ClientSampleId :
SLCS587

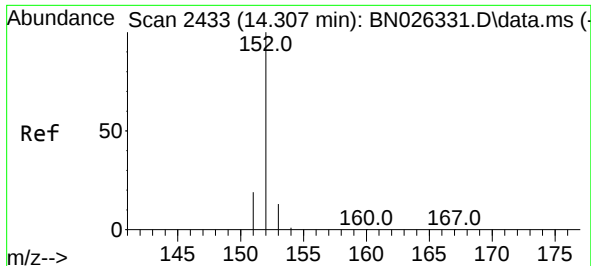
Tgt Ion:142 Resp: 12327
Ion Ratio Lower Upper
142 100
141 90.7 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.262 ng/ul
RT: 12.628 min Scan# 2097
Delta R.T. -0.001 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:142 Resp: 13121
Ion Ratio Lower Upper
142 100
141 93.2 74.2 111.4

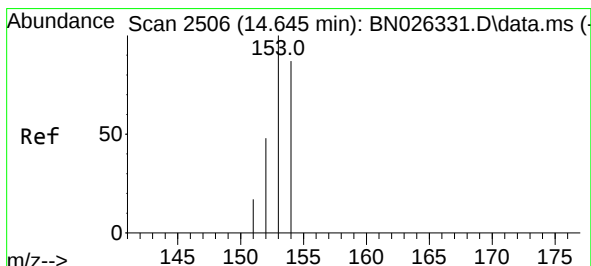
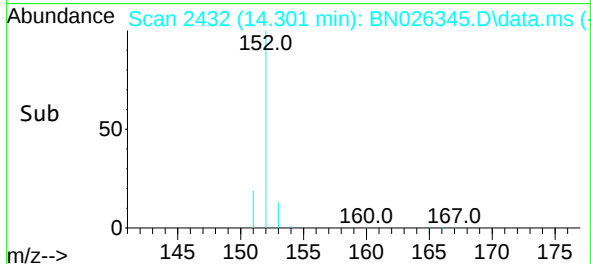
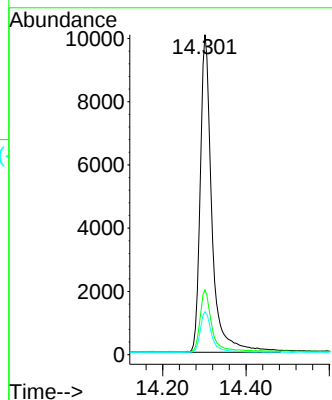
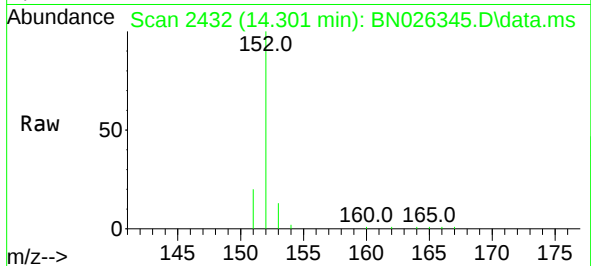




#10
Acenaphthylene
Concen: 0.288 ng/ul
RT: 14.301 min Scan# 2432
Delta R.T. -0.005 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

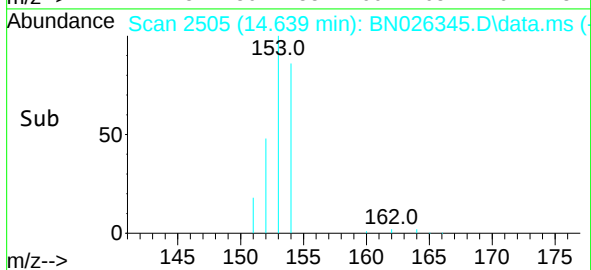
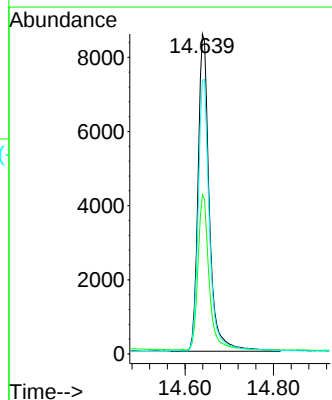
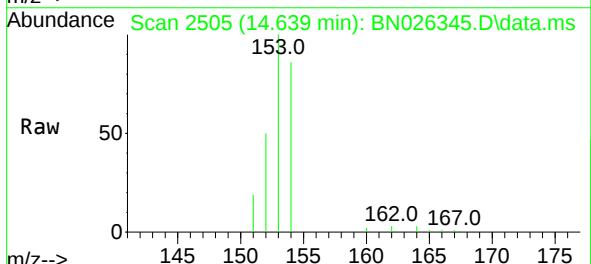
Instrument :
BNA_N
ClientSampleId :
SLCS587

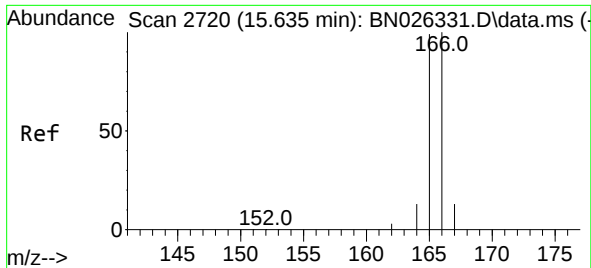
Tgt Ion:152 Resp: 19579
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.9 16.3



#11
Acenaphthene
Concen: 0.274 ng/ul
RT: 14.639 min Scan# 2505
Delta R.T. -0.005 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:153 Resp: 15221
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 85.6 68.9 103.3

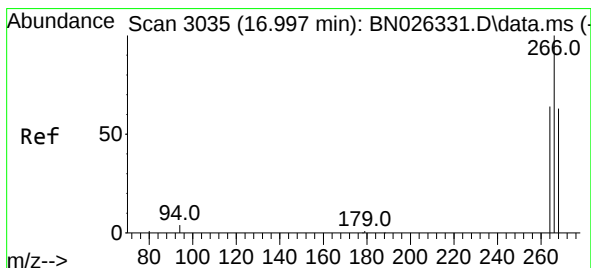
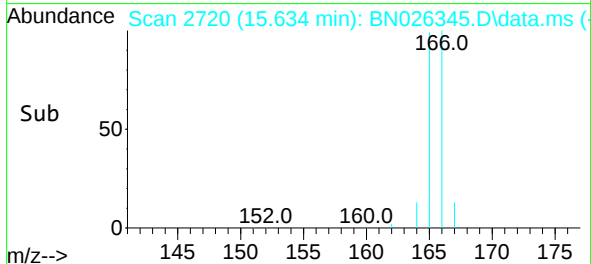
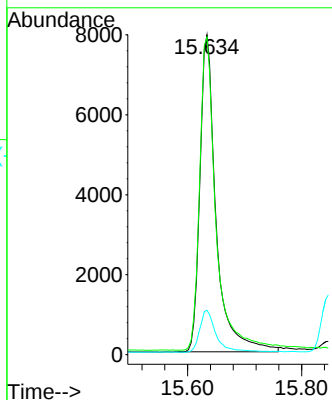
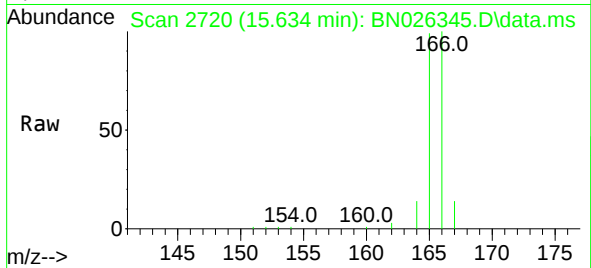




#12
 Fluorene
 Concen: 0.246 ng/ul
 RT: 15.634 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BN026345.D
 Acq: 07 Jul 2023 00:26

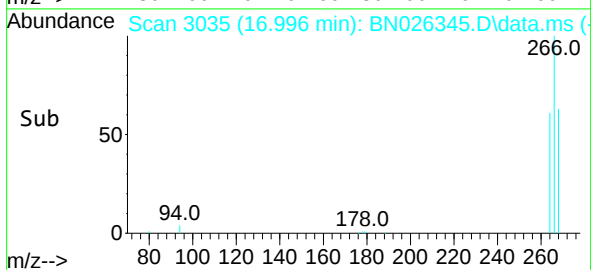
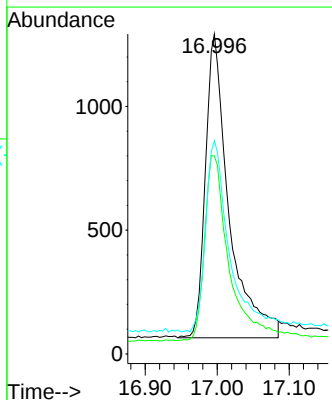
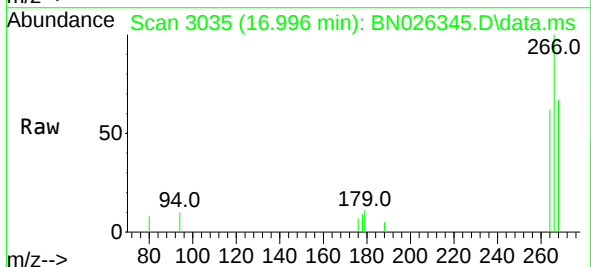
Instrument :
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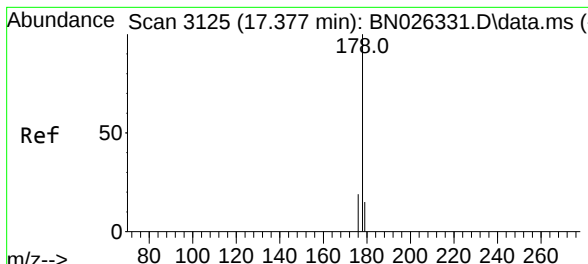
Tgt Ion:166 Resp: 15694
 Ion Ratio Lower Upper
 166 100
 165 99.2 79.9 119.9
 167 13.9 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.325 ng/ul
 RT: 16.996 min Scan# 3035
 Delta R.T. -0.005 min
 Lab File: BN026345.D
 Acq: 07 Jul 2023 00:26

Tgt Ion:266 Resp: 2800
 Ion Ratio Lower Upper
 266 100
 264 62.6 50.5 75.7
 268 63.6 51.6 77.4

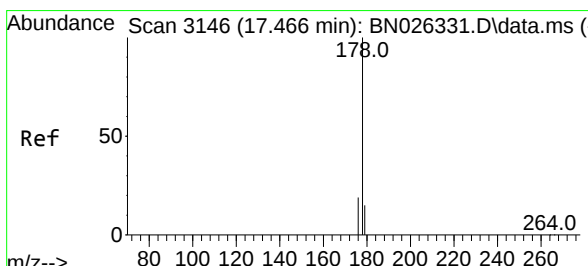
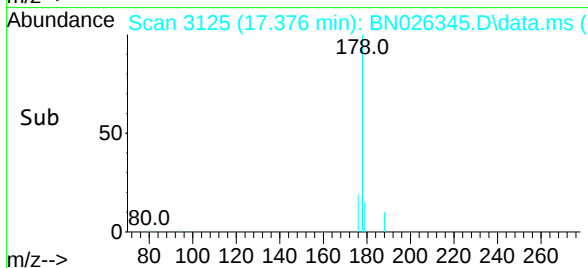
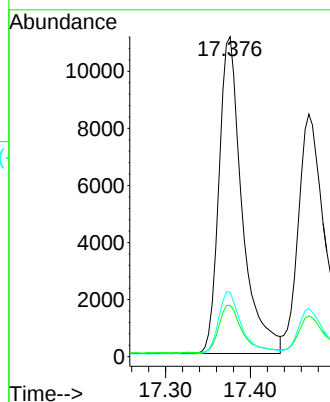
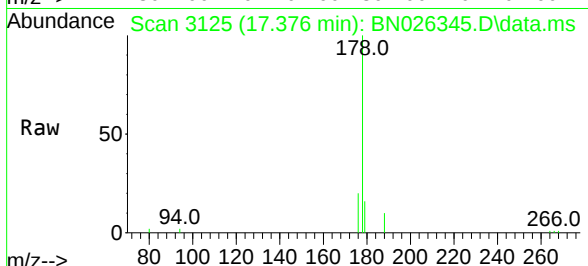




#15
Phenanthrene
Concen: 0.266 ng/ul
RT: 17.376 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

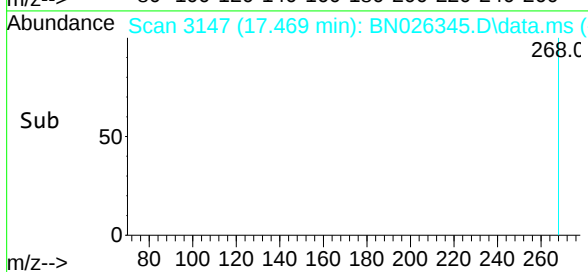
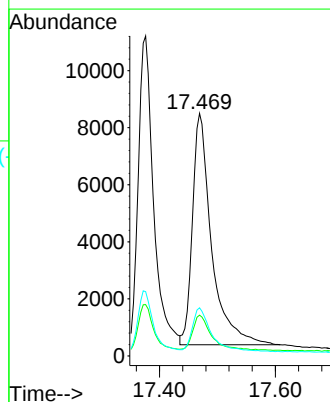
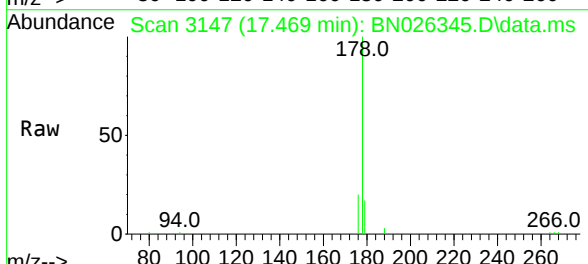
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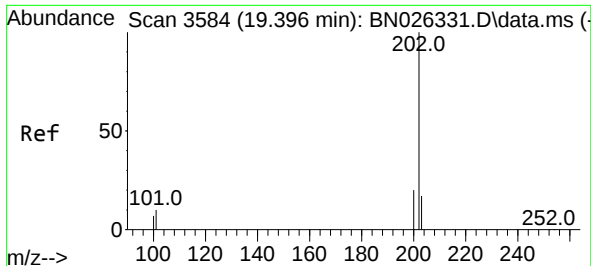
Tgt Ion:	178	Resp:	21107
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.6	19.0
176	20.1	15.8	23.6



#16
Anthracene
Concen: 0.263 ng/ul
RT: 17.469 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:	178	Resp:	18584
Ion Ratio	Lower	Upper	
178	100		
179	16.8	12.6	18.8
176	19.9	15.1	22.7

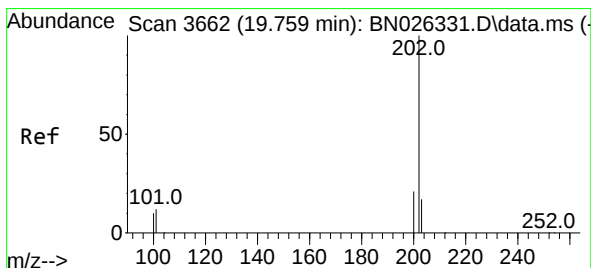
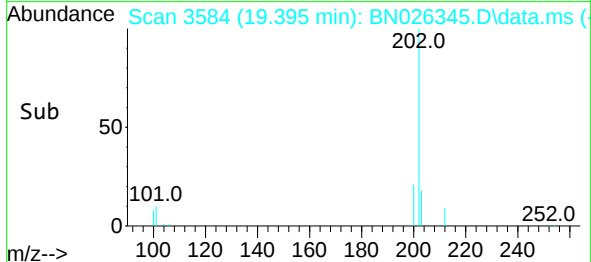
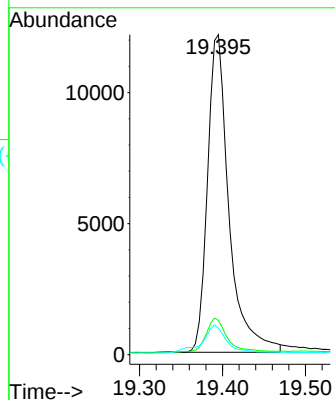
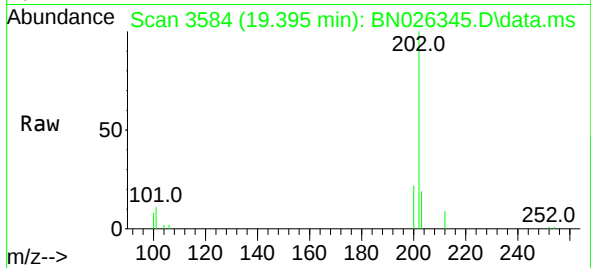




#19
Fluoranthene
Concen: 0.274 ng/ul
RT: 19.395 min Scan# 3584
Delta R.T. -0.001 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

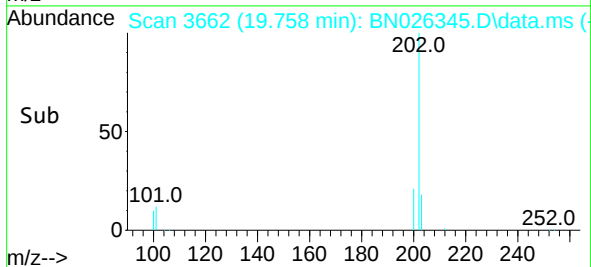
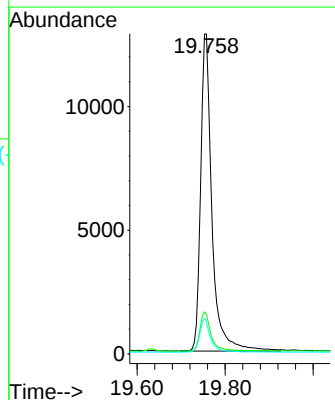
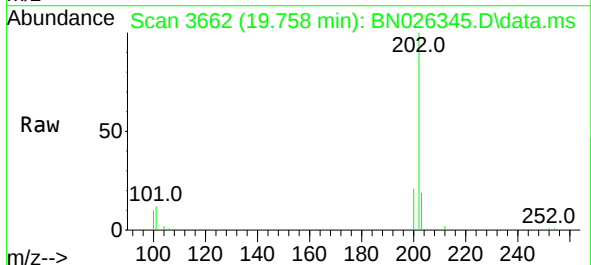
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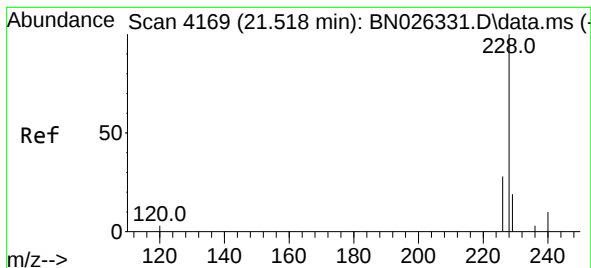
Tgt Ion:202 Resp: 21810
Ion Ratio Lower Upper
202 100
101 10.6 9.5 14.3
100 8.3 7.3 10.9



#20
Pyrene
Concen: 0.276 ng/ul
RT: 19.758 min Scan# 3662
Delta R.T. -0.001 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:202 Resp: 22864
Ion Ratio Lower Upper
202 100
101 12.4 11.4 17.0
100 10.1 9.1 13.7





#21

Benzo(a)anthracene

Concen: 0.277 ng/ul

RT: 21.505 min Scan# 4165

Delta R.T. -0.010 min

Lab File: BN026345.D

Acq: 07 Jul 2023 00:26

Instrument :

BNA_N

ClientSampleId :

SLCS587

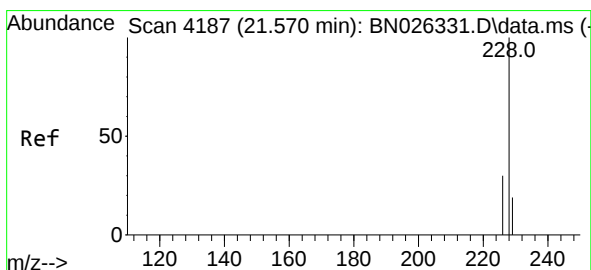
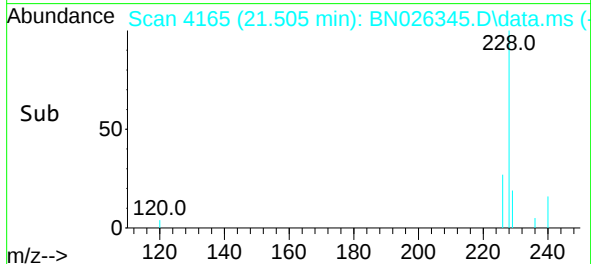
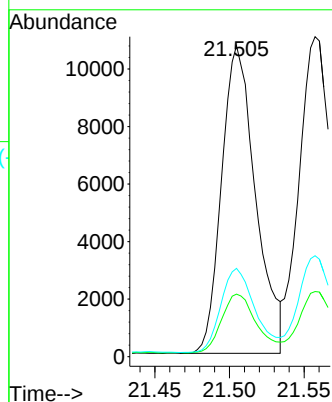
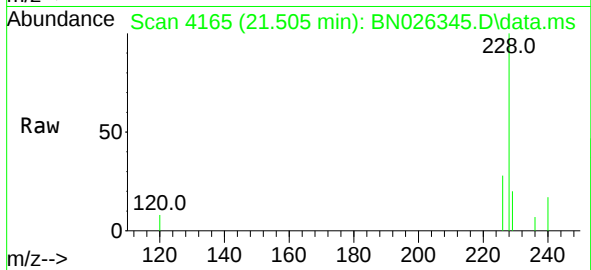
Tgt Ion:228 Resp: 16996

Ion Ratio Lower Upper

228 100

229 20.1 15.8 23.6

226 28.4 22.5 33.7



#22

Chrysene

Concen: 0.281 ng/ul

RT: 21.557 min Scan# 4183

Delta R.T. -0.007 min

Lab File: BN026345.D

Acq: 07 Jul 2023 00:26

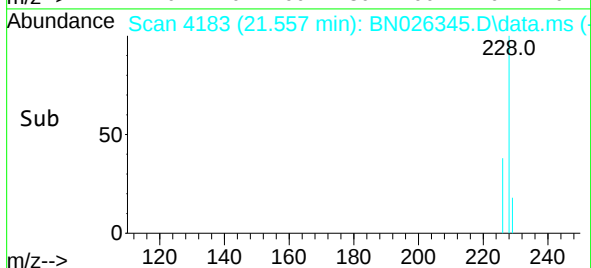
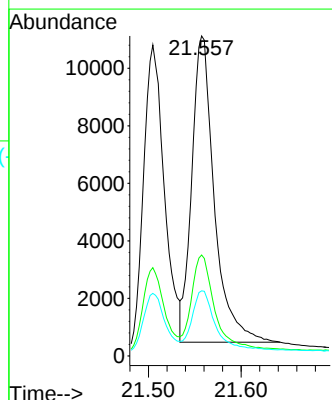
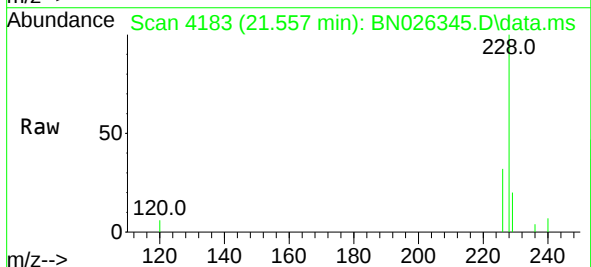
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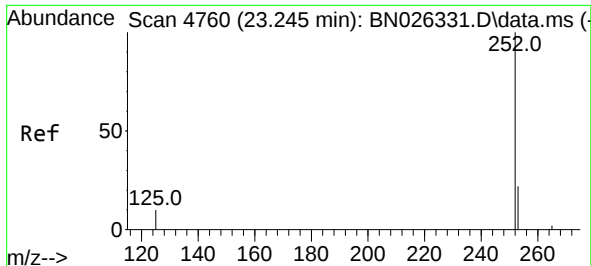
Ion Ratio Lower Upper

228 100

226 31.5 24.8 37.2

229 20.4 15.7 23.5

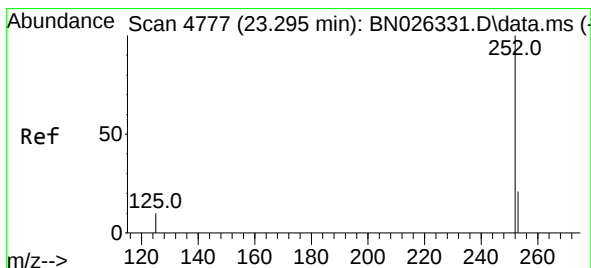
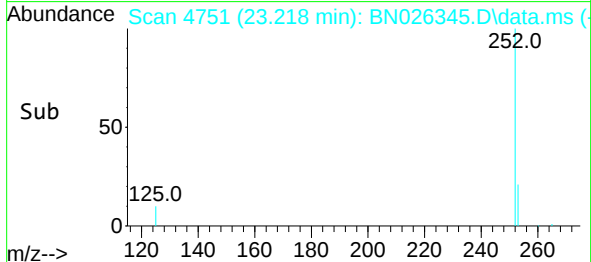
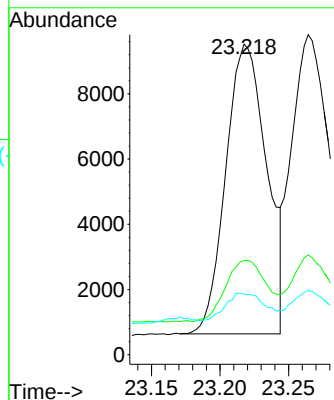
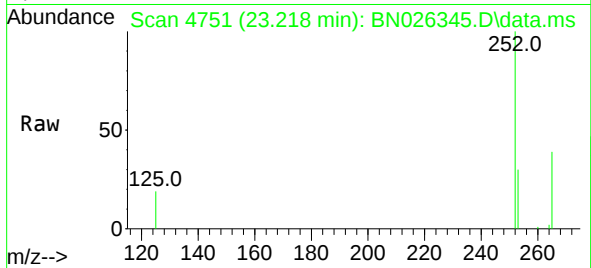




#24
Benzo(b)fluoranthene
Concen: 0.269 ng/ul
RT: 23.218 min Scan# 4751
Delta R.T. -0.021 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

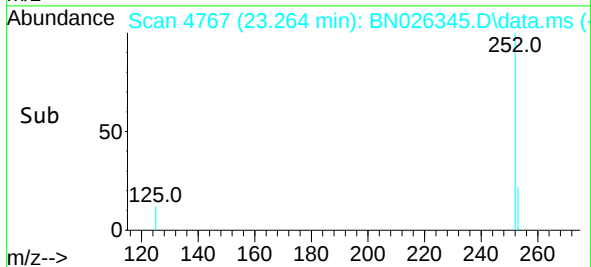
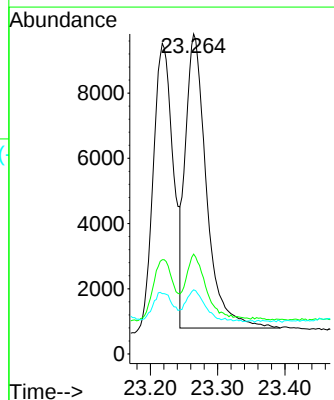
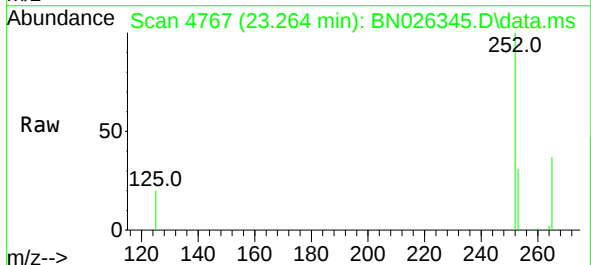
Instrument :
BNA_N
ClientSampleId :
SLCS587

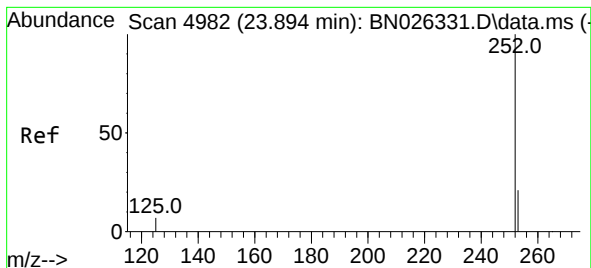
Tgt Ion:252 Resp: 18464
Ion Ratio Lower Upper
252 100
253 30.3 0.0 55.6
125 19.4 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.284 ng/ul
RT: 23.264 min Scan# 4767
Delta R.T. -0.021 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:252 Resp: 19572
Ion Ratio Lower Upper
252 100
253 31.2 23.2 34.8
125 20.1 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.279 ng/ul

RT: 23.858 min Scan# 4970

Delta R.T. -0.027 min

Lab File: BN026345.D

Acq: 07 Jul 2023 00:26

Instrument :

BNA_N

ClientSampleId :

SLCS587

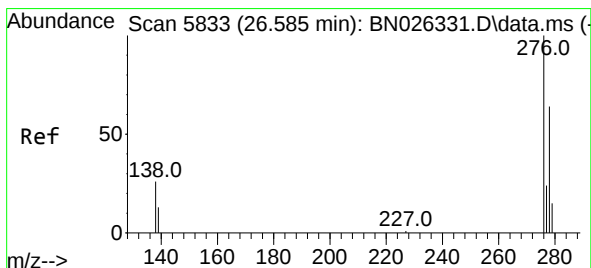
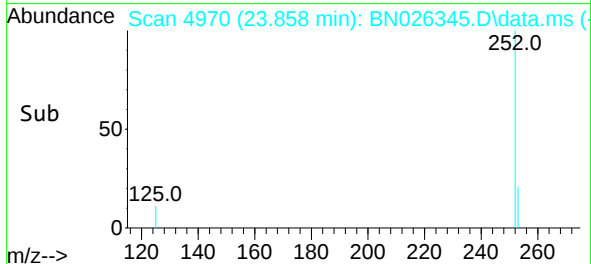
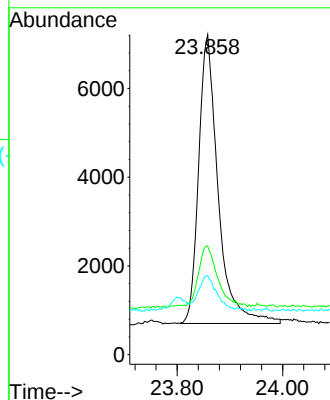
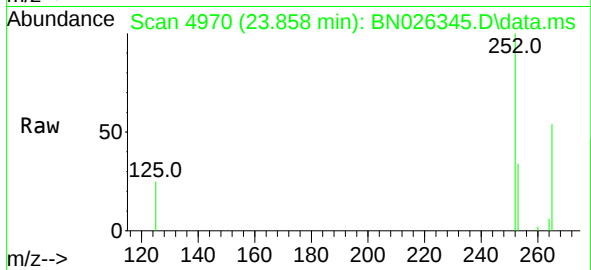
Tgt Ion:252 Resp: 16684

Ion Ratio Lower Upper

252 100

253 33.9 26.0 39.0

125 24.8 17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.340 ng/ul

RT: 26.523 min Scan# 5815

Delta R.T. -0.048 min

Lab File: BN026345.D

Acq: 07 Jul 2023 00:26

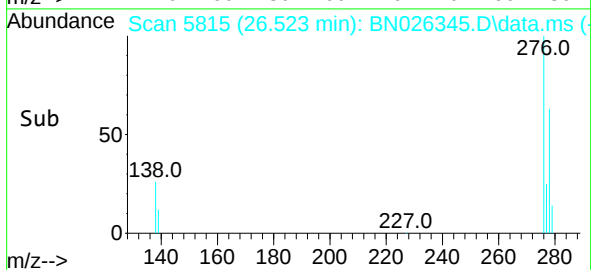
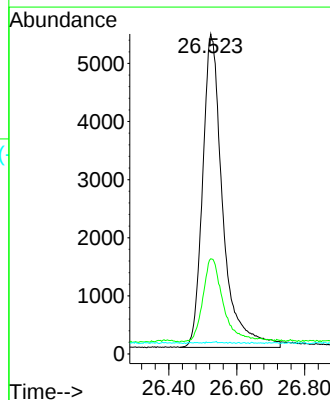
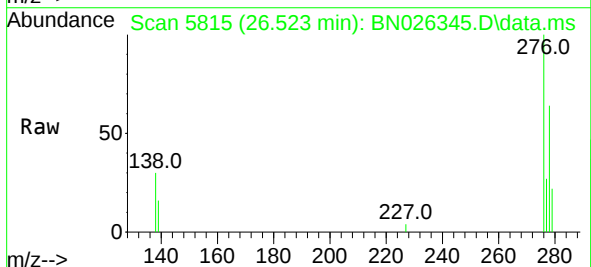
Tgt Ion:276 Resp: 22172

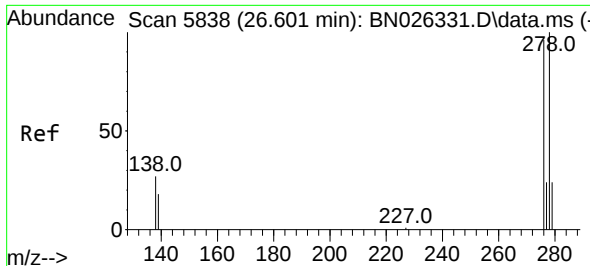
Ion Ratio Lower Upper

276 100

138 26.9 24.5 36.7

227 0.1 0.0 0.0#

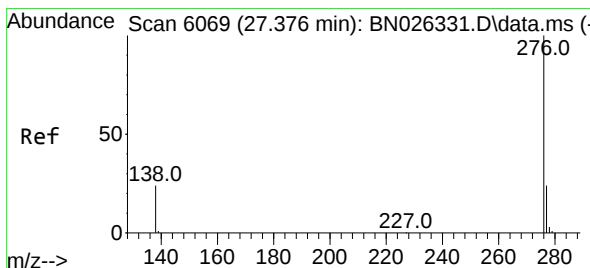
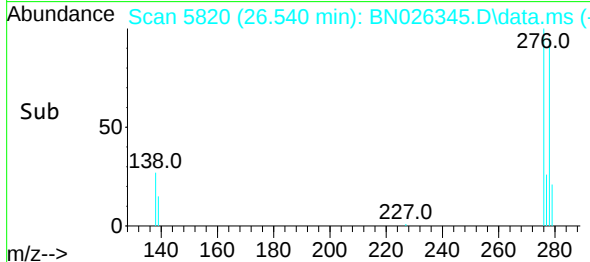
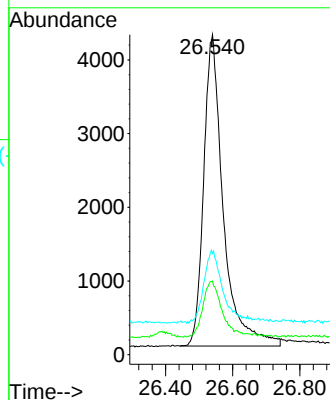
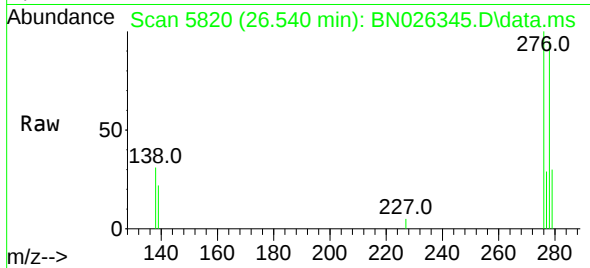




#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.540 min Scan# 51
Delta R.T. -0.045 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Instrument :
BNA_N
ClientSampleId :
SLCS587

Tgt Ion:278 Resp: 17077
Ion Ratio Lower Upper
278 100
139 23.0 19.0 28.4
279 31.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.335 ng/ul
RT: 27.311 min Scan# 6050
Delta R.T. -0.061 min
Lab File: BN026345.D
Acq: 07 Jul 2023 00:26

Tgt Ion:276 Resp: 19422
Ion Ratio Lower Upper
276 100
138 27.3 23.4 35.0
277 26.4 20.0 30.0

