

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092823\
 Data File : BN027983.D
 Acq On : 30 Sep 2023 05:09
 Operator : MA/JU
 Sample : PB155872BS
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS872

Quant Time: Sep 30 05:49:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN091523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 27 03:52:19 2023
 Response via : Initial Calibration

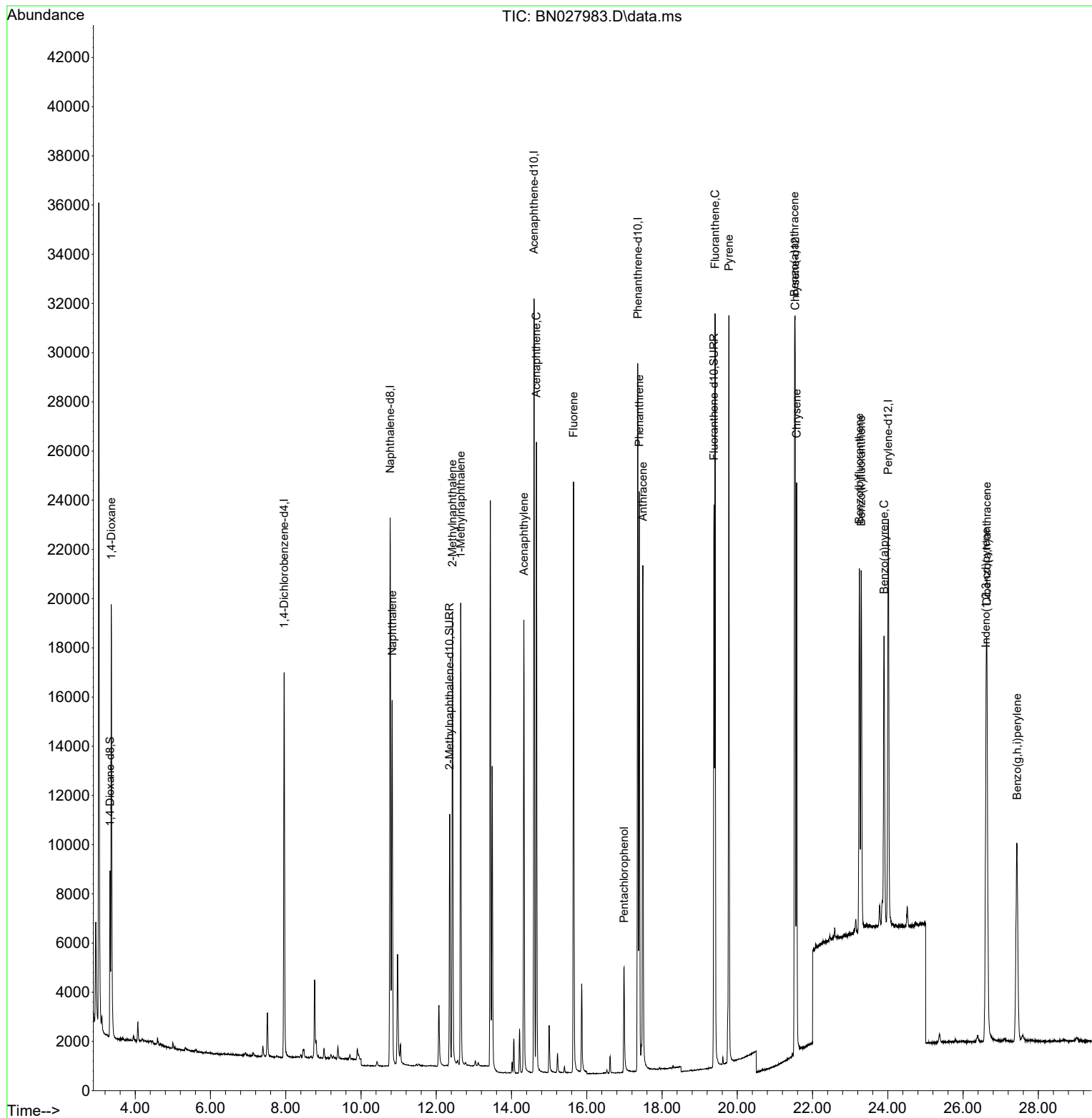
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	8187	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	30710	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.597	164	17595	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.354	188	35860	0.400	ng/ul	0.00
17) Chrysene-d12	21.539	240	24175	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	24178	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.330	96	4482	0.435	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.357	152	13370	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.380	212	25017	0.339	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	12882	1.200	ng/ul#	83
5) Naphthalene	10.828	128	20598	0.235	ng/ul	100
7) 2-Methylnaphthalene	12.429	142	13477	0.242	ng/ul	100
8) 1-Methylnaphthalene	12.649	142	13095	0.228	ng/ul	98
10) Acenaphthylene	14.328	152	20639	0.269	ng/ul	99
11) Acenaphthene	14.661	153	14759	0.222	ng/ul	97
12) Fluorene	15.647	166	16275	0.208	ng/ul	99
14) Pentachlorophenol	16.991	266	3262	0.389	ng/ul	99
15) Phenanthrene	17.396	178	24996	0.222	ng/ul	99
16) Anthracene	17.489	178	23181	0.246	ng/ul	99
19) Fluoranthene	19.408	202	26589	0.272	ng/ul	97
20) Pyrene	19.775	202	26704	0.265	ng/ul	99
21) Benzo(a)anthracene	21.521	228	22302	0.238	ng/ul	99
22) Chrysene	21.577	228	21078	0.218	ng/ul	99
24) Benzo(b)fluoranthene	23.243	252	20050	0.186	ng/ul	93
25) Benzo(k)fluoranthene	23.293	252	20437	0.196	ng/ul	93
26) Benzo(a)pyrene	23.898	252	18878	0.218	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.609	276	23536	0.212	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.632	278	19336	0.216	ng/ul	95
29) Benzo(g,h,i)perylene	27.434	276	19534	0.207	ng/ul	97

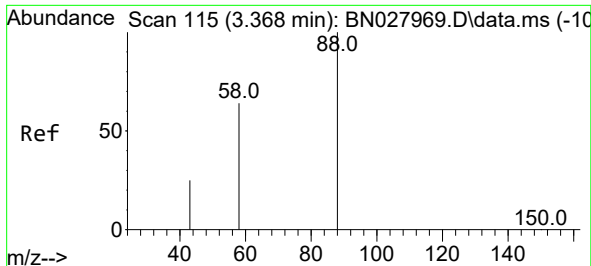
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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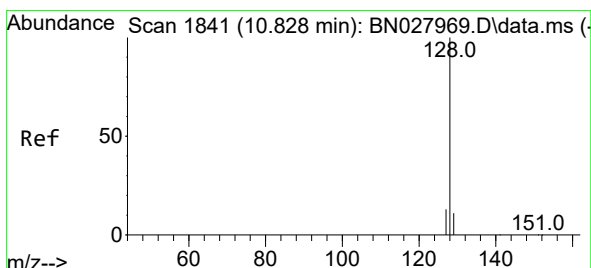
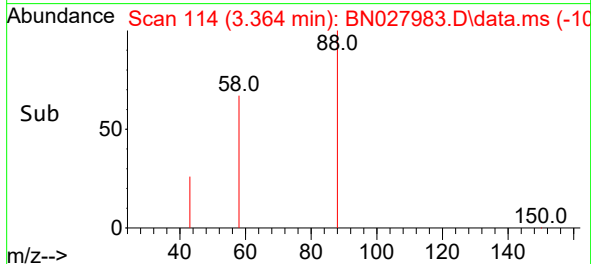
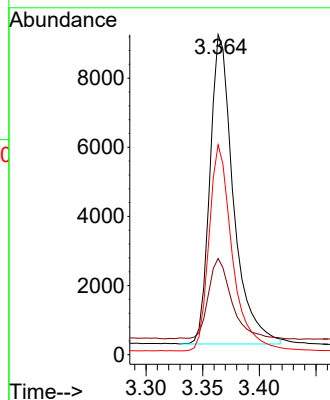
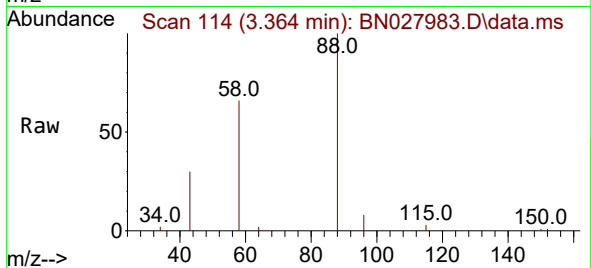




#2
1,4-Dioxane
Concen: 1.200 ng/ul
RT: 3.364 min Scan# 115
Delta R.T. -0.004 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

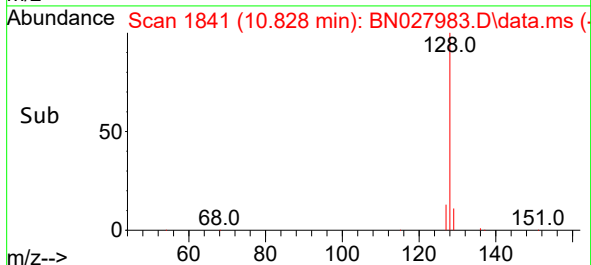
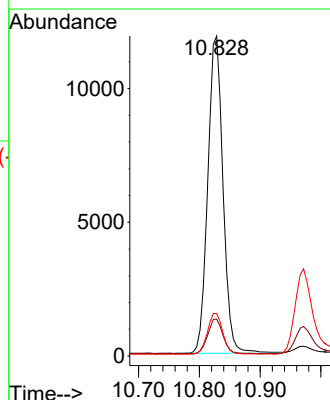
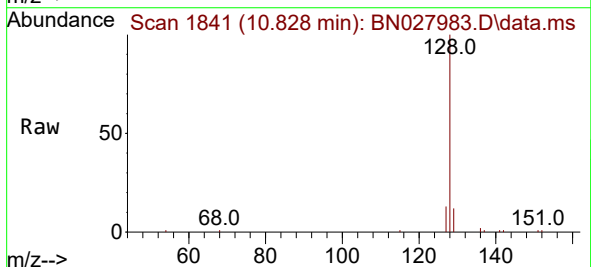
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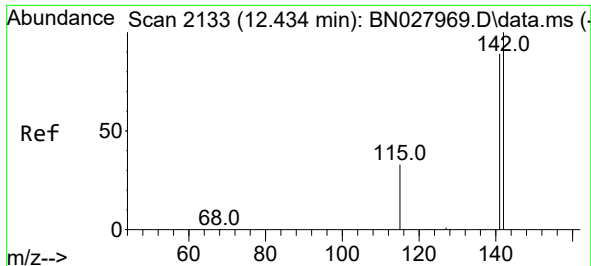
Tgt Ion: 88 Resp: 12882
Ion Ratio Lower Upper
88 100
43 30.1 39.6 59.4#
58 65.6 48.3 72.5



#5
Naphthalene
Concen: 0.235 ng/ul
RT: 10.828 min Scan# 1841
Delta R.T. -0.005 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:128 Resp: 20598
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.2 10.7 16.1

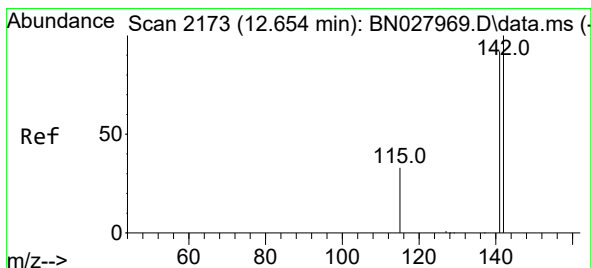
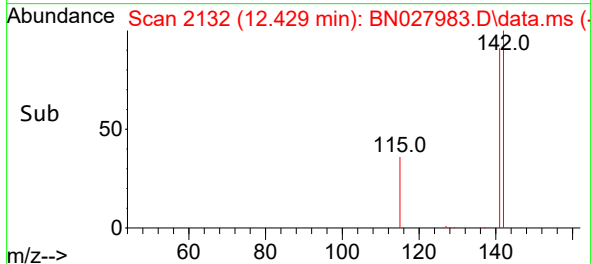
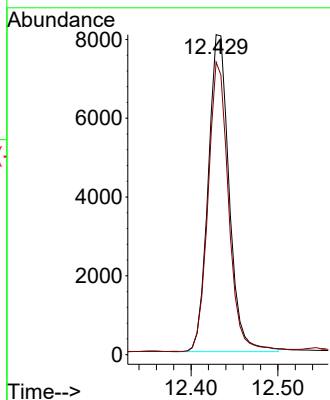
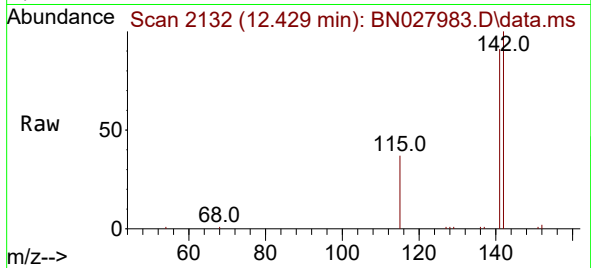




#7
2-Methylnaphthalene
Concen: 0.242 ng/ul
RT: 12.429 min Scan# 2132
Delta R.T. -0.005 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

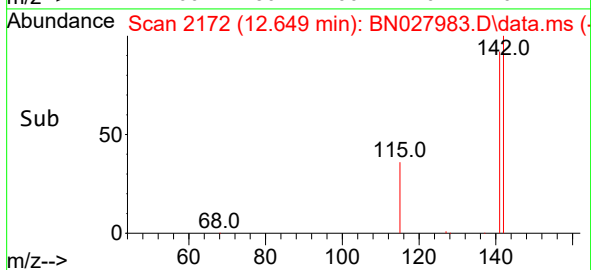
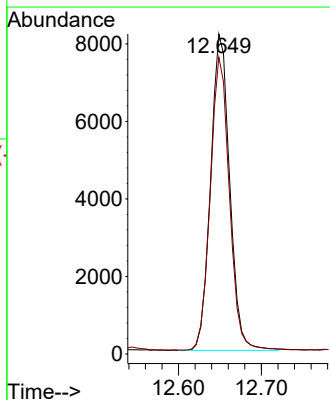
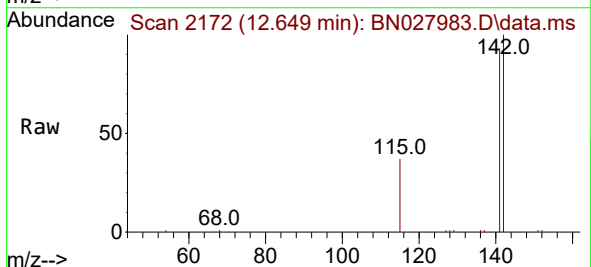
Instrument :
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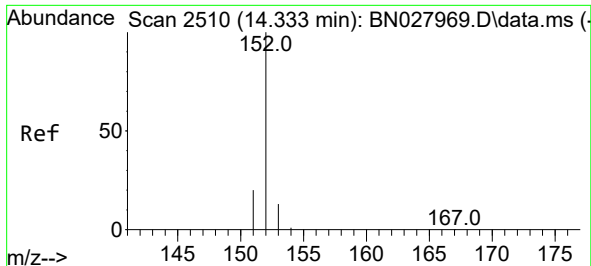
Tgt Ion:142 Resp: 13477
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.228 ng/ul
RT: 12.649 min Scan# 2172
Delta R.T. -0.005 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:142 Resp: 13095
Ion Ratio Lower Upper
142 100
141 92.5 72.8 109.2

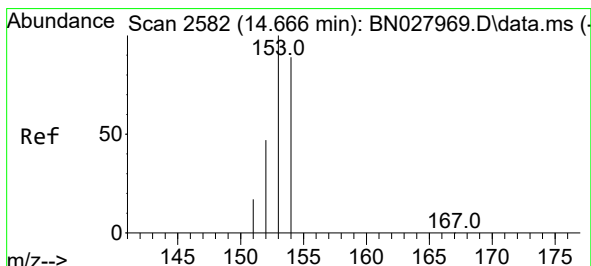
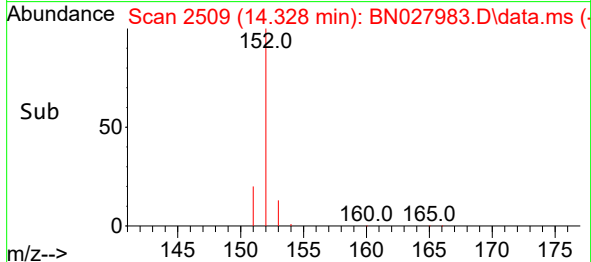
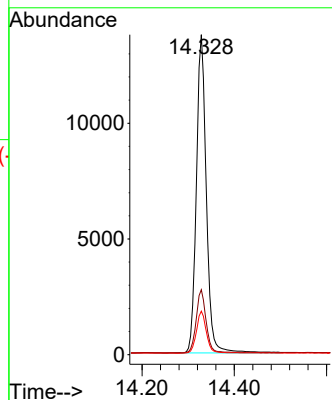
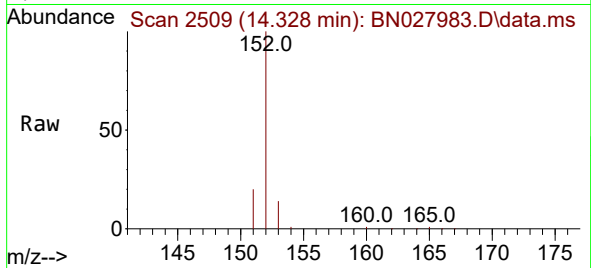




#10
Acenaphthylene
Concen: 0.269 ng/ul
RT: 14.328 min Scan# 2509
Delta R.T. -0.004 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

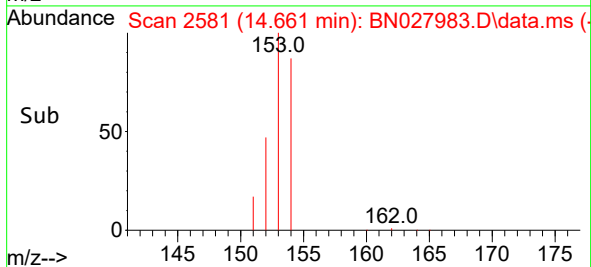
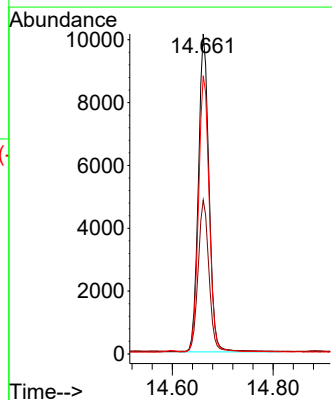
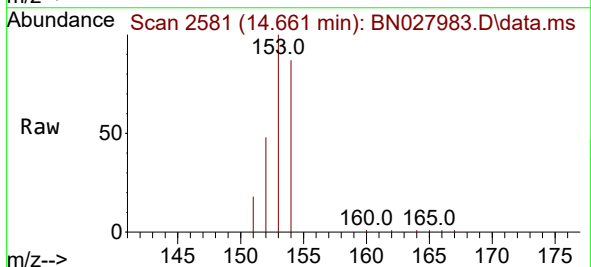
Instrument :
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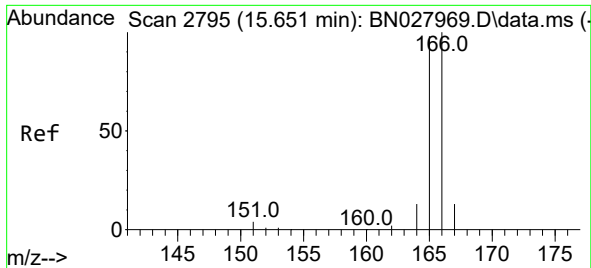
Tgt Ion:152 Resp: 20639
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 13.6 11.0 16.6



#11
Acenaphthene
Concen: 0.222 ng/ul
RT: 14.661 min Scan# 2581
Delta R.T. -0.004 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:153 Resp: 14759
Ion Ratio Lower Upper
153 100
152 48.1 41.7 62.5
154 86.9 70.3 105.5

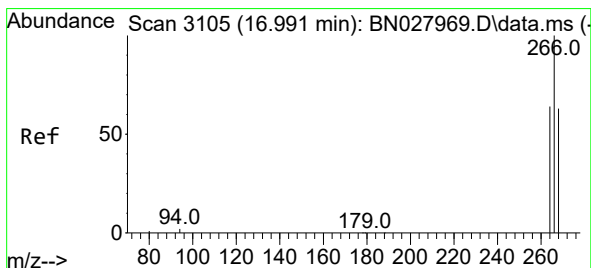
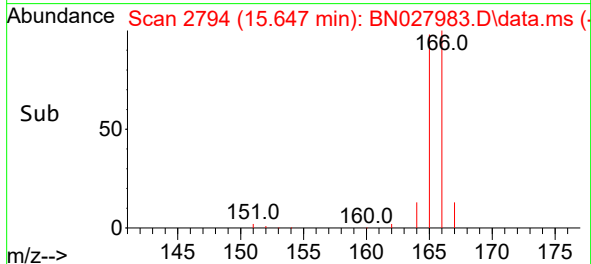
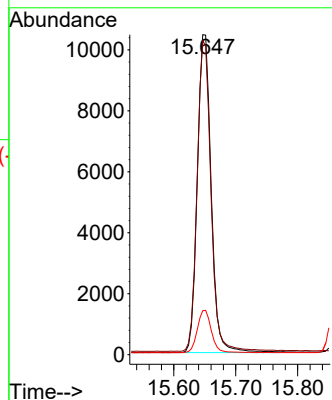
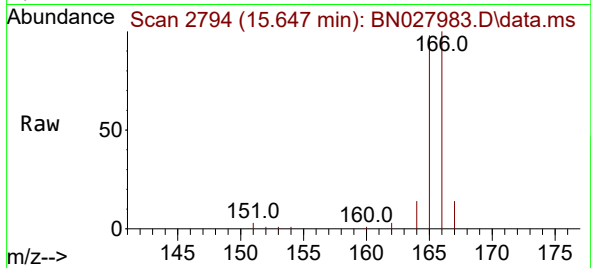




#12
 Fluorene
 Concen: 0.208 ng/ul
 RT: 15.647 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN027983.D
 Acq: 30 Sep 2023 05:09

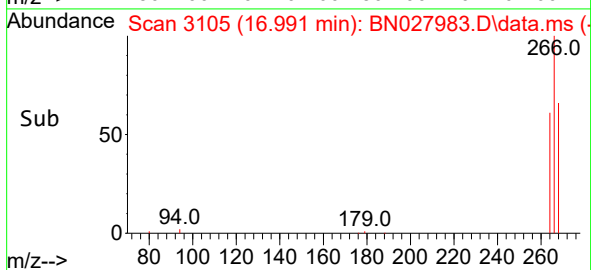
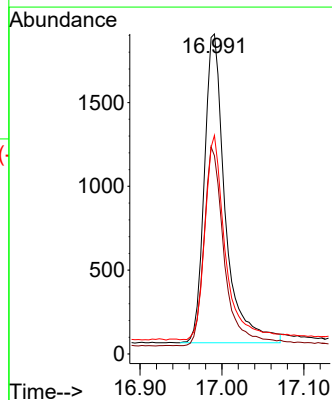
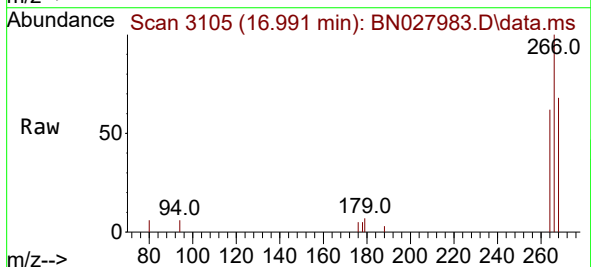
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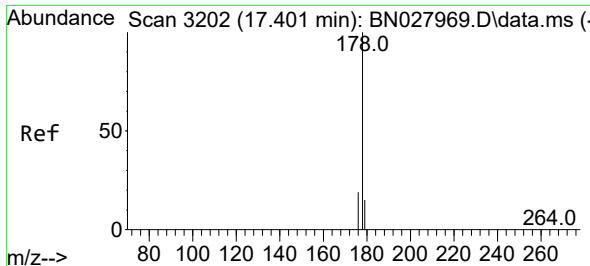
Tgt Ion:166 Resp: 16275
 Ion Ratio Lower Upper
 166 100
 165 98.1 78.0 117.0
 167 13.8 11.4 17.2



#14
 Pentachlorophenol
 Concen: 0.389 ng/ul
 RT: 16.991 min Scan# 3105
 Delta R.T. 0.004 min
 Lab File: BN027983.D
 Acq: 30 Sep 2023 05:09

Tgt Ion:266 Resp: 3262
 Ion Ratio Lower Upper
 266 100
 264 62.5 49.6 74.4
 268 64.7 50.7 76.1

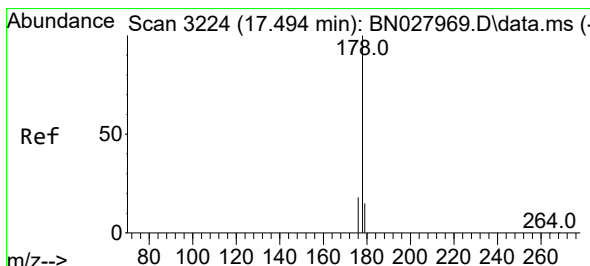
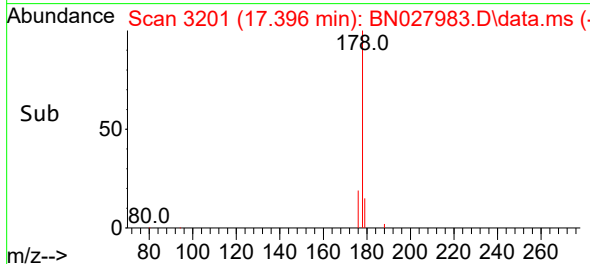
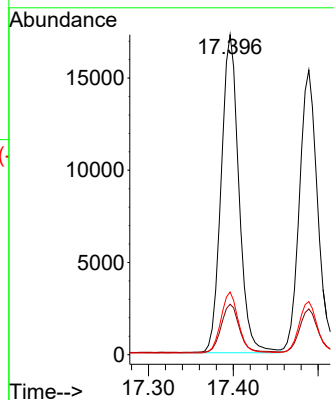
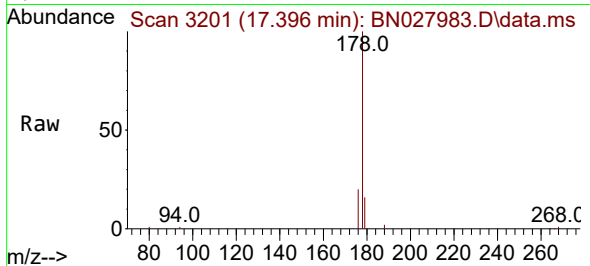




#15
Phenanthrene
Concen: 0.222 ng/ul
RT: 17.396 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

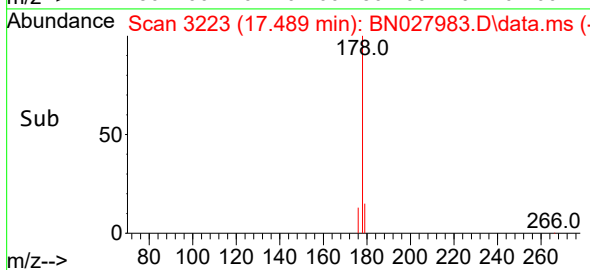
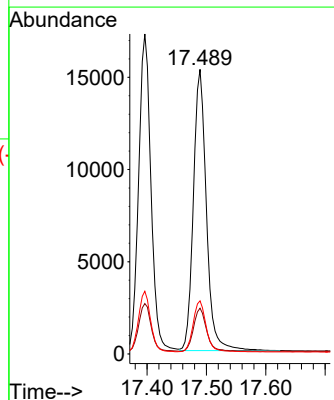
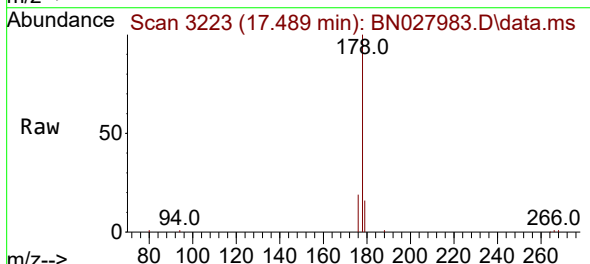
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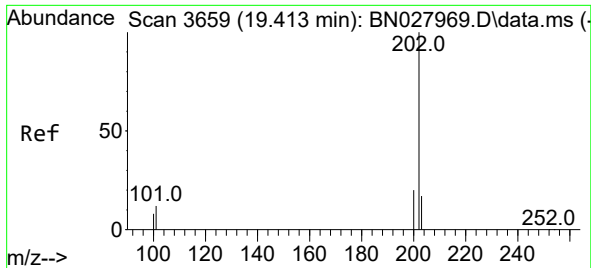
Tgt Ion:178 Resp: 24996
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 19.6 16.0 24.0



#16
Anthracene
Concen: 0.246 ng/ul
RT: 17.489 min Scan# 3223
Delta R.T. -0.000 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:178 Resp: 23181
Ion Ratio Lower Upper
178 100
179 16.1 12.6 19.0
176 18.7 15.5 23.3

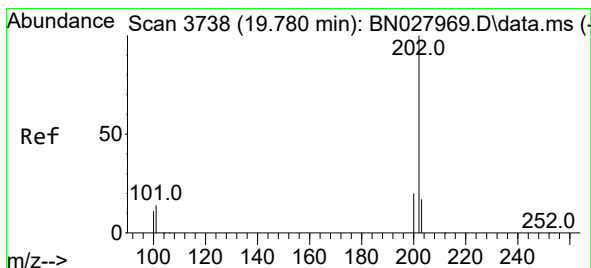
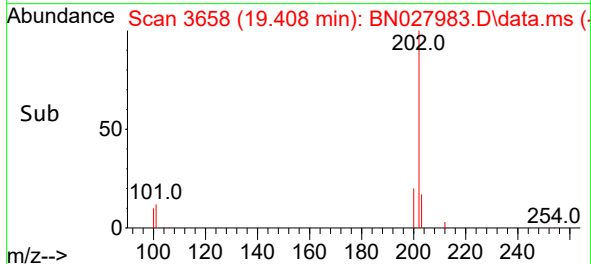
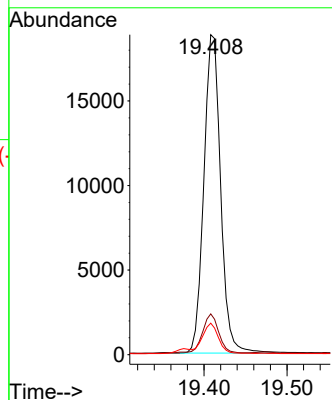
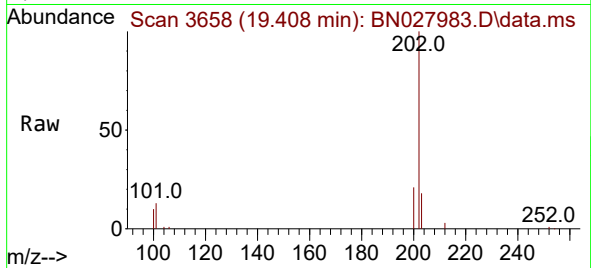




#19
Fluoranthene
Concen: 0.272 ng/ul
RT: 19.408 min Scan# 3658
Delta R.T. -0.000 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

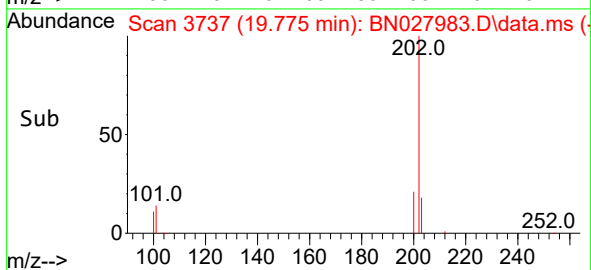
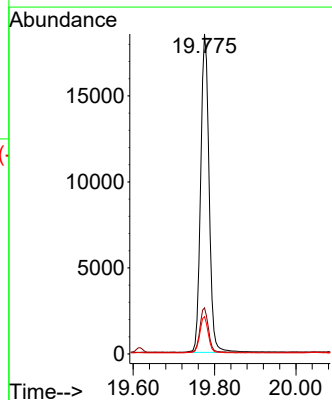
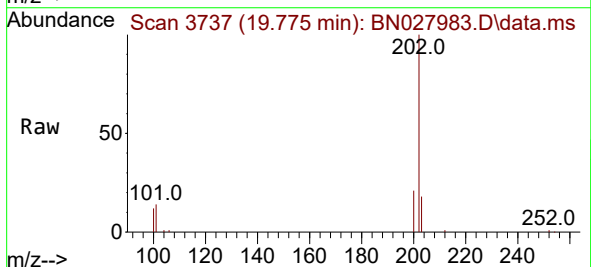
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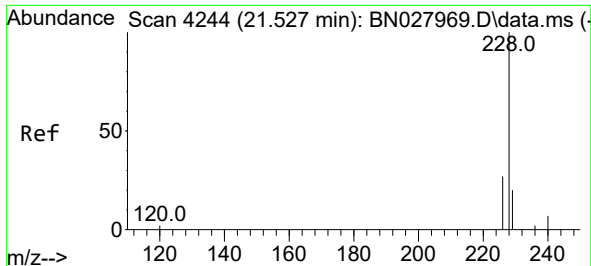
Tgt Ion:202 Resp: 26589
Ion Ratio Lower Upper
202 100
101 12.7 9.3 13.9
100 9.8 7.0 10.4



#20
Pyrene
Concen: 0.265 ng/ul
RT: 19.775 min Scan# 3737
Delta R.T. -0.000 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:202 Resp: 26704
Ion Ratio Lower Upper
202 100
101 14.4 11.4 17.0
100 11.6 9.1 13.7

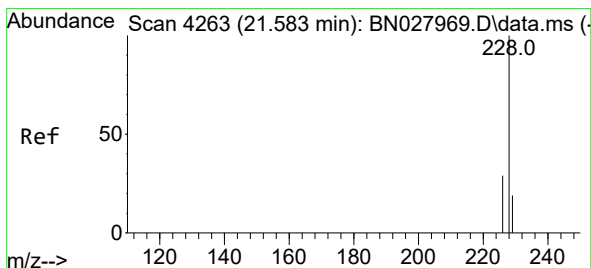
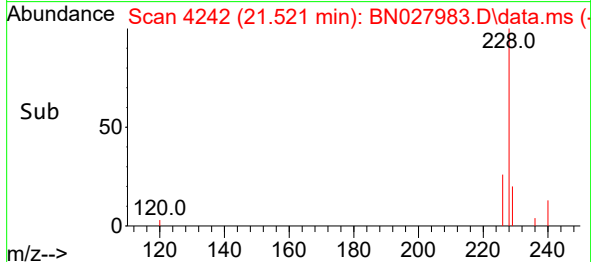
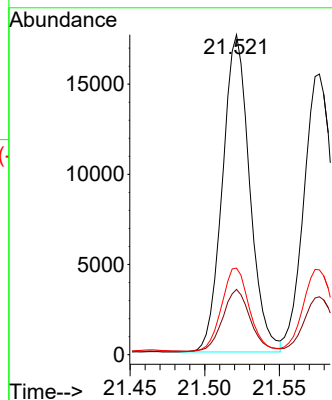
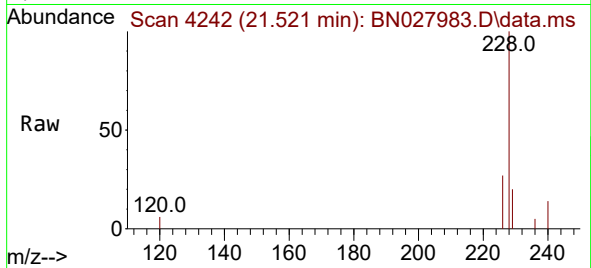




#21
Benzo(a)anthracene
Concen: 0.238 ng/ul
RT: 21.521 min Scan# 41
Delta R.T. 0.003 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

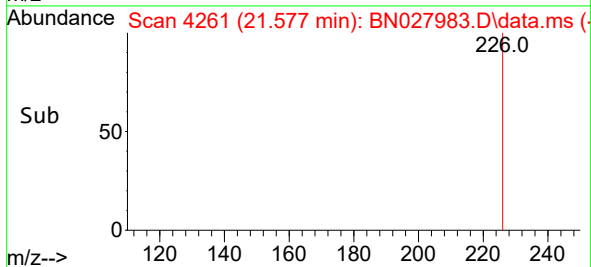
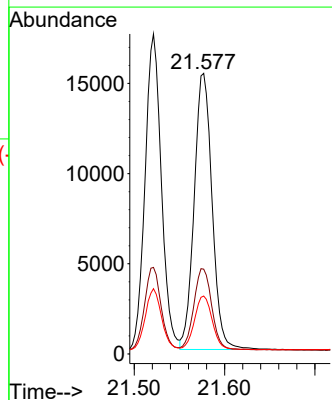
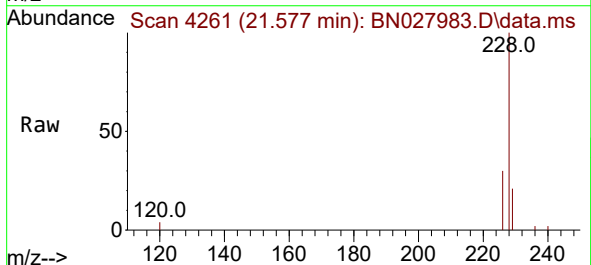
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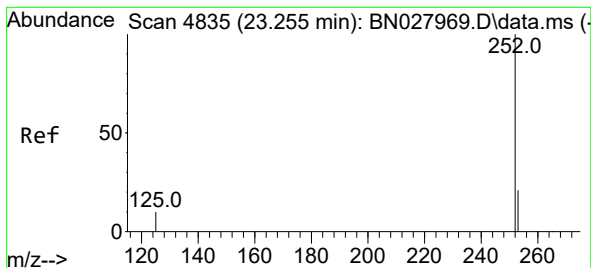
Tgt Ion:228 Resp: 22302
Ion Ratio Lower Upper
228 100
229 20.4 15.8 23.8
226 27.1 22.0 33.0



#22
Chrysene
Concen: 0.218 ng/ul
RT: 21.577 min Scan# 4261
Delta R.T. 0.003 min
Lab File: BN027983.D
Acq: 30 Sep 2023 05:09

Tgt Ion:228 Resp: 21078
Ion Ratio Lower Upper
228 100
226 30.2 24.5 36.7
229 20.7 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.186 ng/ul

RT: 23.243 min Scan# 4831

Delta R.T. 0.003 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

Instrument :

BNA_N

ClientSampleId :

SLCS872

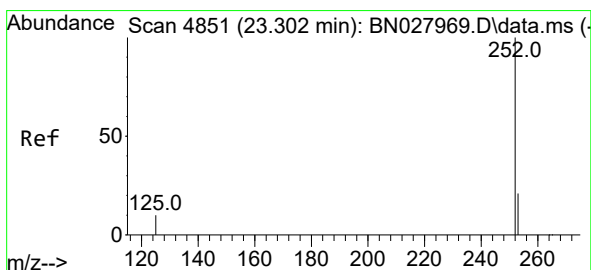
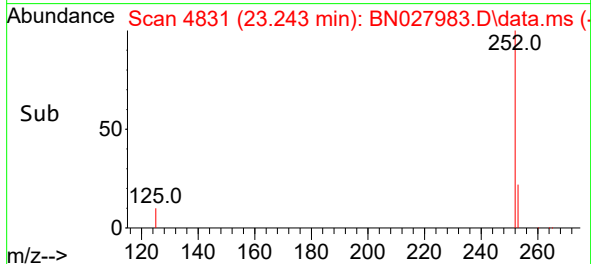
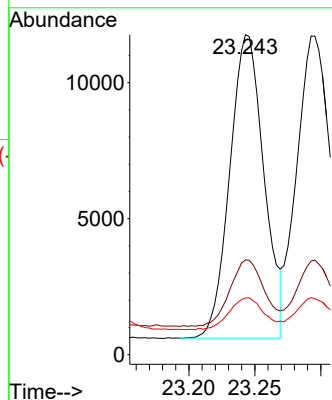
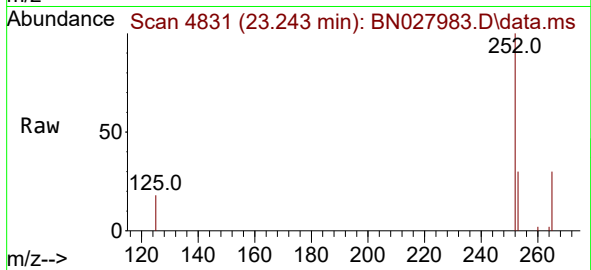
Tgt Ion:252 Resp: 20050

Ion Ratio Lower Upper

252 100

253 29.6 0.0 50.2

125 17.7 0.0 31.4



#25

Benzo(k)fluoranthene

Concen: 0.196 ng/ul

RT: 23.293 min Scan# 4848

Delta R.T. -0.000 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

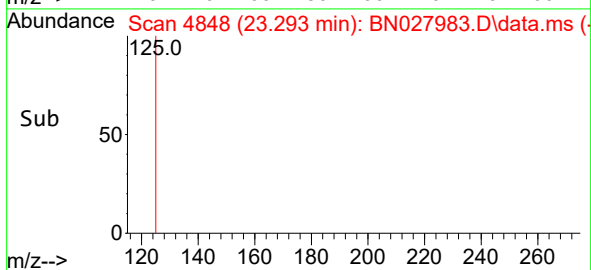
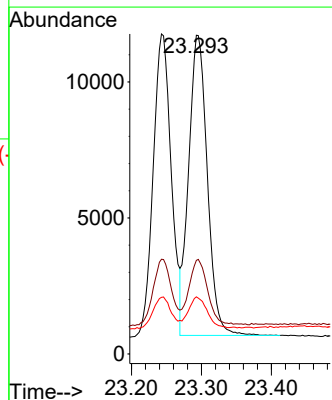
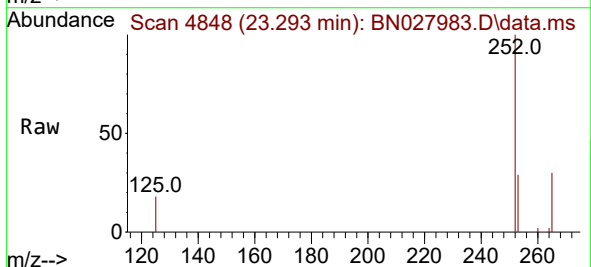
Tgt Ion:252 Resp: 20437

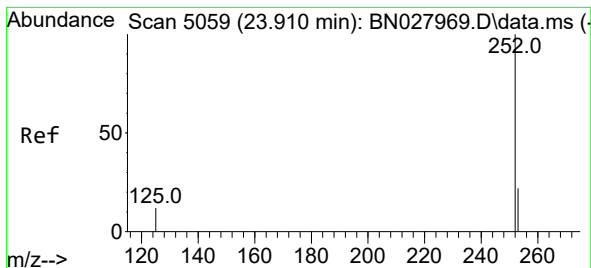
Ion Ratio Lower Upper

252 100

253 29.4 19.9 29.9

125 17.9 12.6 19.0





#26

Benzo(a)pyrene

Concen: 0.218 ng/ul

RT: 23.898 min Scan# 5059

Delta R.T. 0.003 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

Instrument :

BNA_N

ClientSampleId :

SLCS872

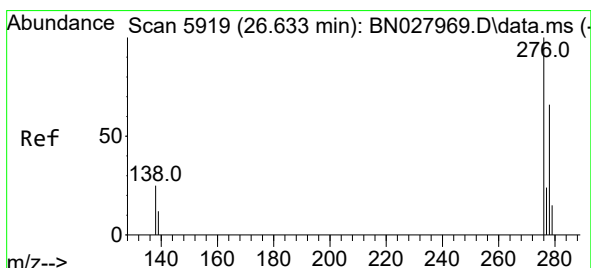
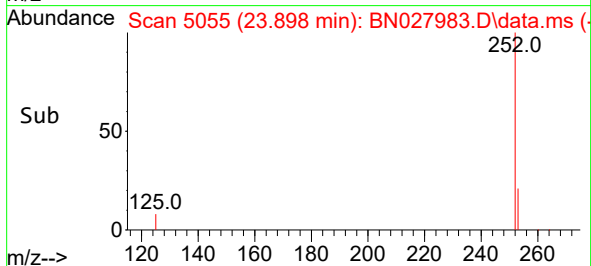
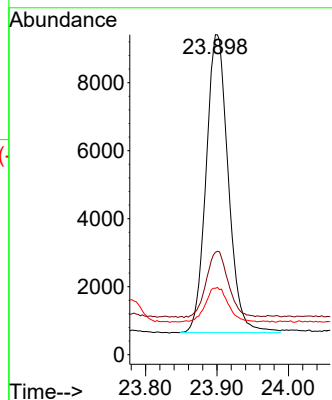
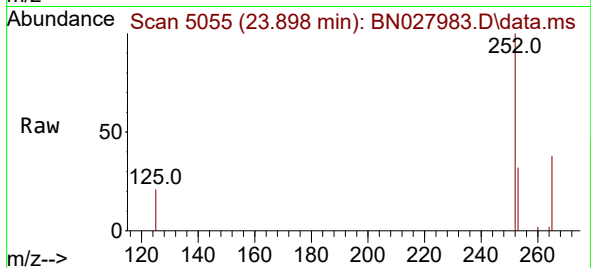
Tgt Ion:252 Resp: 18878

Ion Ratio Lower Upper

252 100

253 32.0 21.9 32.9

125 20.8 15.5 23.3



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.212 ng/ul

RT: 26.609 min Scan# 5912

Delta R.T. 0.010 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

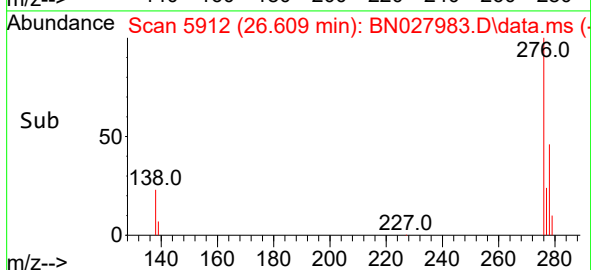
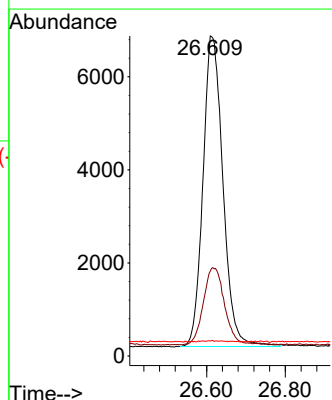
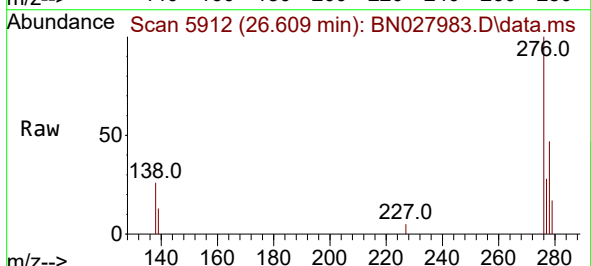
Tgt Ion:276 Resp: 23536

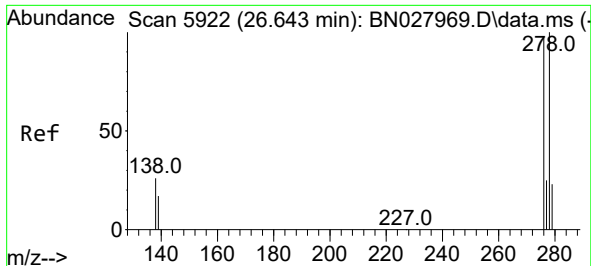
Ion Ratio Lower Upper

276 100

138 26.2 24.3 36.5

227 0.3 0.0 0.0#





#28

Dibenzo(a,h)anthracene

Concen: 0.216 ng/ul

RT: 26.632 min Scan# 5919

Delta R.T. 0.010 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

Instrument :

BNA_N

ClientSampleId :

SLCS872

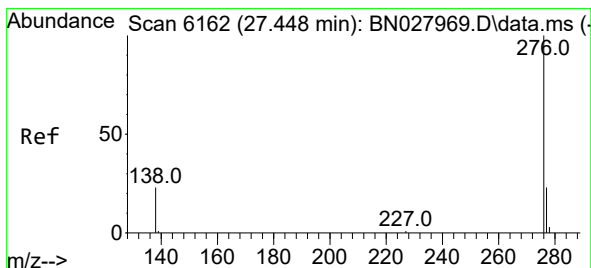
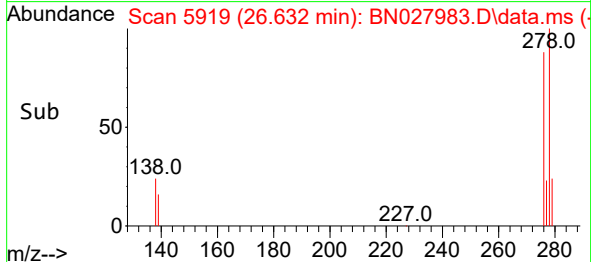
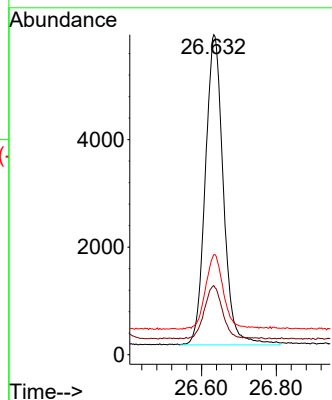
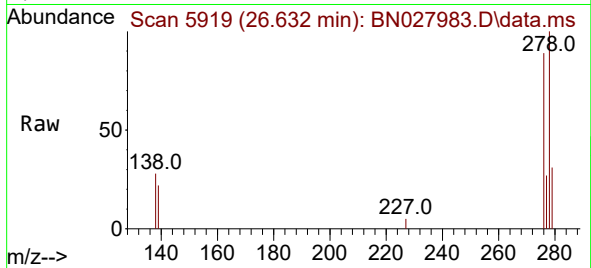
Tgt Ion:278 Resp: 19336

Ion Ratio Lower Upper

278 100

139 21.6 17.2 25.8

279 31.2 21.4 32.0



#29

Benzo(g,h,i)perylene

Concen: 0.207 ng/ul

RT: 27.434 min Scan# 6158

Delta R.T. 0.023 min

Lab File: BN027983.D

Acq: 30 Sep 2023 05:09

Tgt Ion:276 Resp: 19534

Ion Ratio Lower Upper

276 100

138 26.1 21.7 32.5

277 27.6 20.2 30.2

