

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082824\
 Data File : BN033663.D
 Acq On : 29 Aug 2024 02:12
 Operator : MA/JU
 Sample : PB162970BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS970

Quant Time: Aug 29 02:41:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 23:48:09 2024
 Response via : Initial Calibration

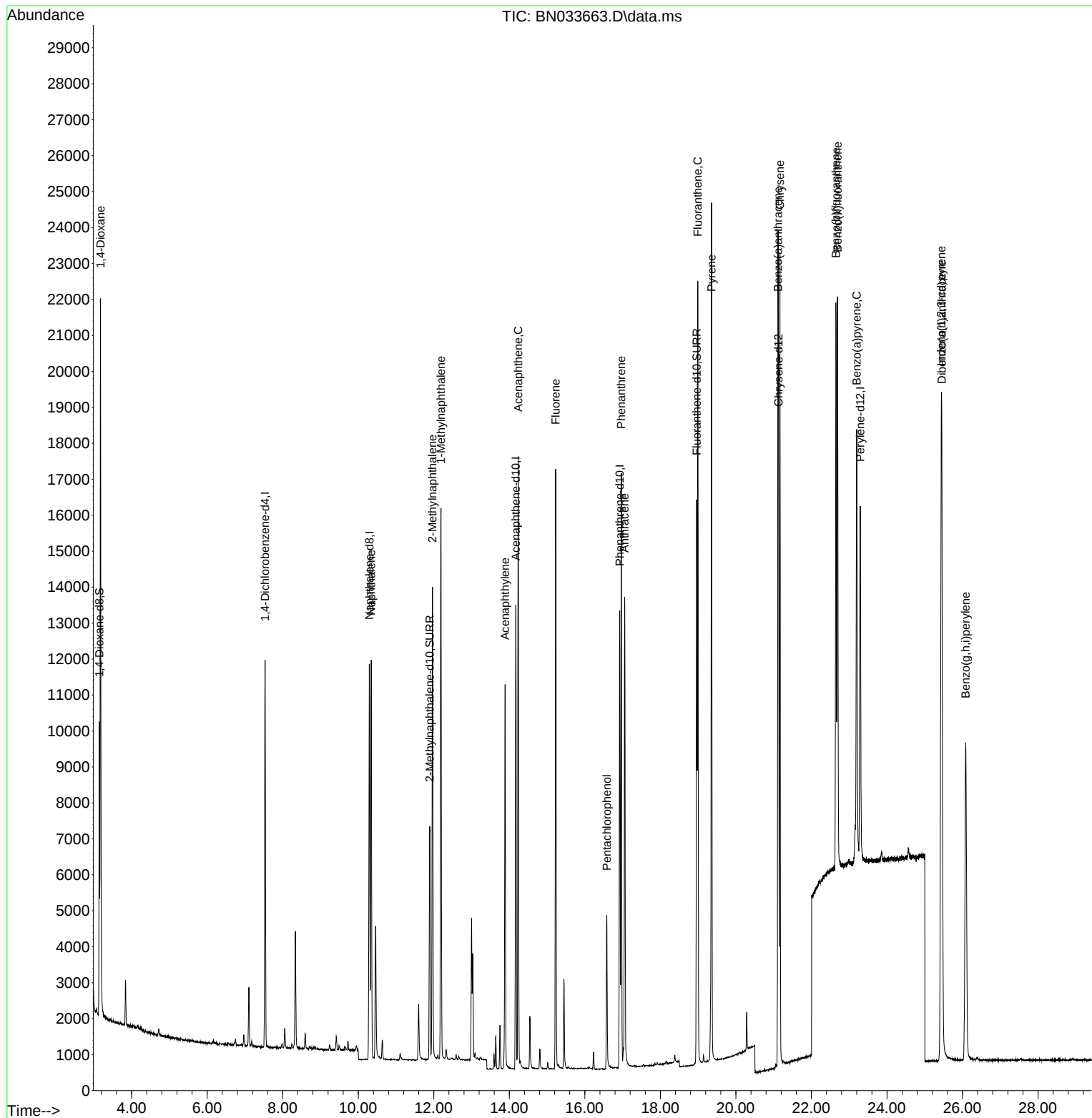
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.536	152	5239	0.400	ng/ul	0.00
4) Naphthalene-d8	10.294	136	14225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.174	164	7080	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.923	188	14906	0.400	ng/ul	0.00
17) Chrysene-d12	21.130	240	12049	0.400	ng/ul	0.00
23) Perylene-d12	23.292	264	12600	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	4619	0.858	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152	8589	0.421	ng/ul	0.00
18) Fluoranthene-d10	18.962	212	16640	0.463	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.177	88	12116	2.027	ng/ul#	80
5) Naphthalene	10.343	128	14528	0.382	ng/ul	100
7) 2-Methylnaphthalene	11.965	142	9224	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.191	142	10721	0.432	ng/ul	99
10) Acenaphthylene	13.887	152	11766	0.366	ng/ul	99
11) Acenaphthene	14.234	153	9487	0.409	ng/ul	98
12) Fluorene	15.229	166	10247	0.395	ng/ul	99
14) Pentachlorophenol	16.581	266	3021	0.644	ng/ul	99
15) Phenanthrene	16.965	178	16518	0.376	ng/ul	100
16) Anthracene	17.054	178	14610	0.370	ng/ul	100
19) Fluoranthene	18.989	202	18623	0.392	ng/ul	98
20) Pyrene	19.357	202	19417	0.385	ng/ul	98
21) Benzo(a)anthracene	21.115	228	17806	0.375	ng/ul	99
22) Chrysene	21.165	228	18654	0.389	ng/ul	100
24) Benzo(b)fluoranthene	22.649	252	18624	0.381	ng/ul	99
25) Benzo(k)fluoranthene	22.690	252	19047	0.389	ng/ul	99
26) Benzo(a)pyrene	23.199	252	16587	0.422	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	25.438	276	22284	0.378	ng/ul	99
28) Dibenzo(a,h)anthracene	25.451	278	17329	0.378	ng/ul	98
29) Benzo(g,h,i)perylene	26.085	276	17593	0.382	ng/ul	99

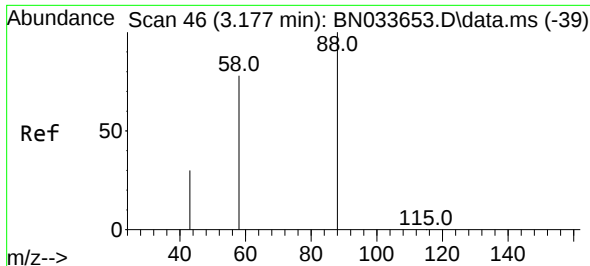
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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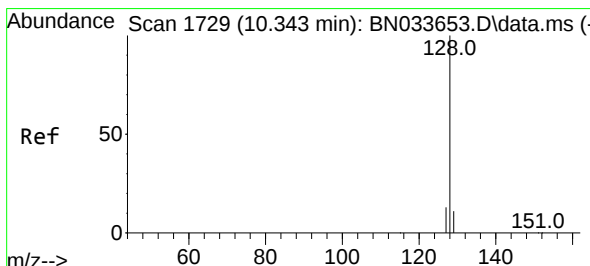
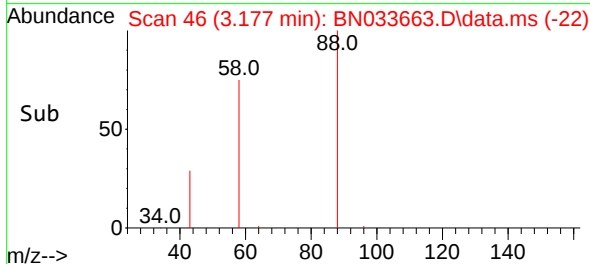
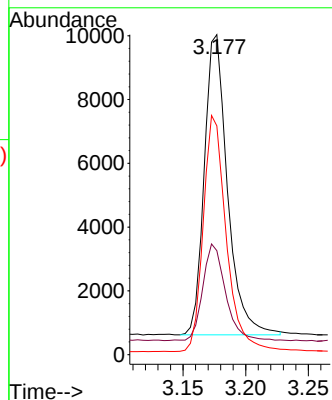
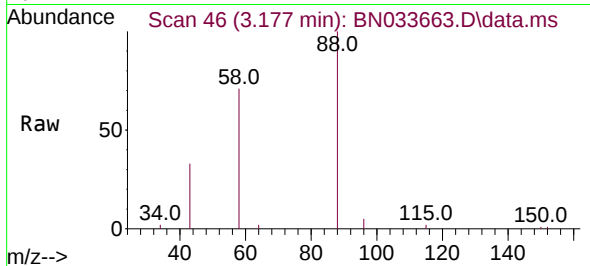




#2
1,4-Dioxane
Concen: 2.027 ng/ul
RT: 3.177 min Scan# 46
Delta R.T. -0.000 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

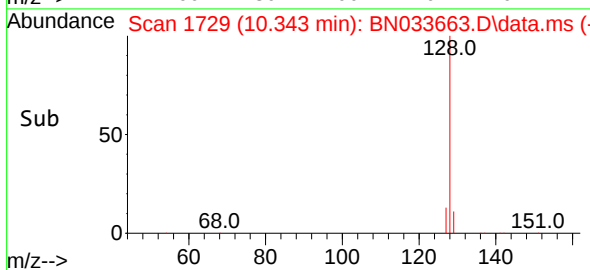
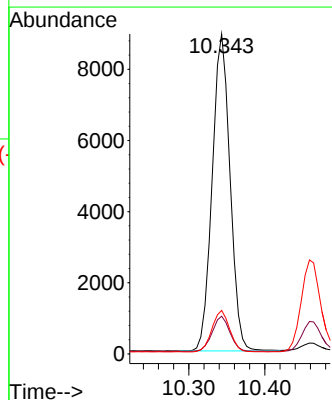
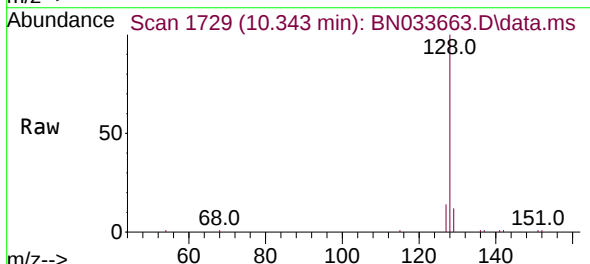
Instrument :
BNA_N
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SLCS970

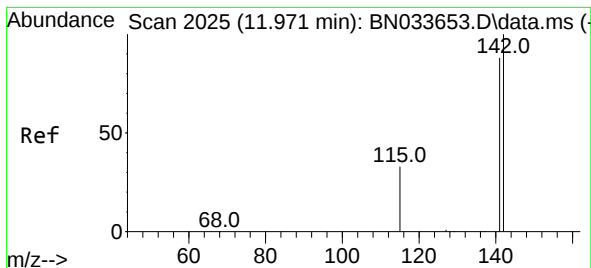
Tgt Ion: 88 Resp: 12116
Ion Ratio Lower Upper
88 100
43 32.5 47.0 70.4#
58 71.5 53.0 79.4



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.343 min Scan# 1729
Delta R.T. -0.004 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion: 128 Resp: 14528
Ion Ratio Lower Upper
128 100
129 11.8 9.3 13.9
127 13.6 10.8 16.2

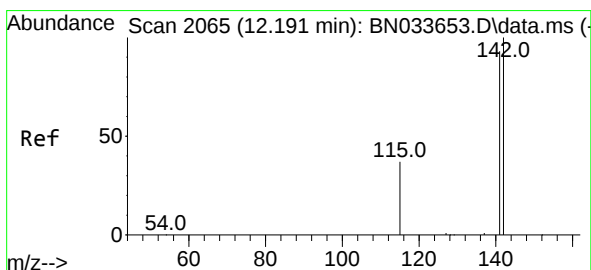
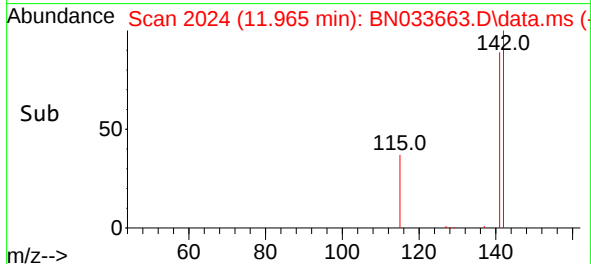
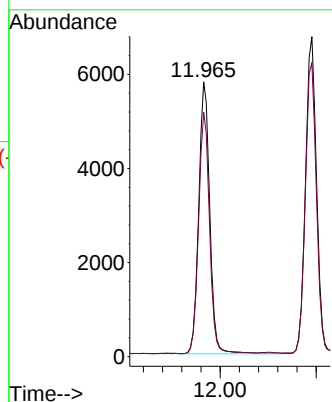
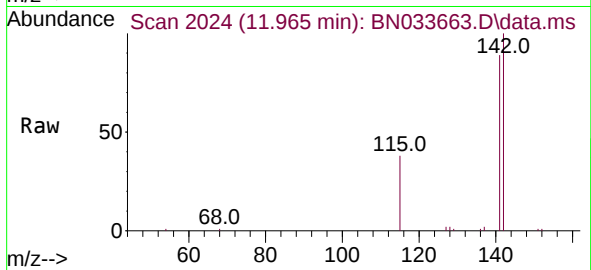




#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 11.965 min Scan# 2024
Delta R.T. -0.004 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

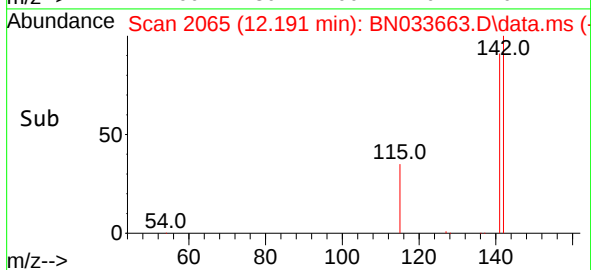
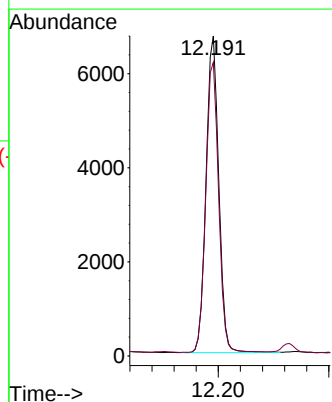
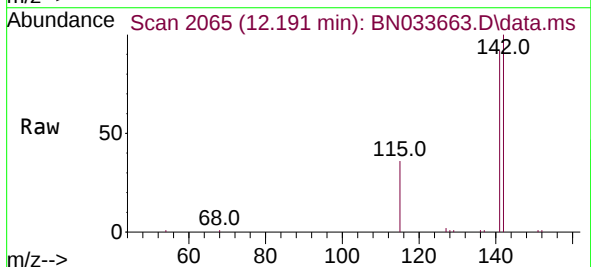
Instrument :
BNA_N
ClientSampleId :
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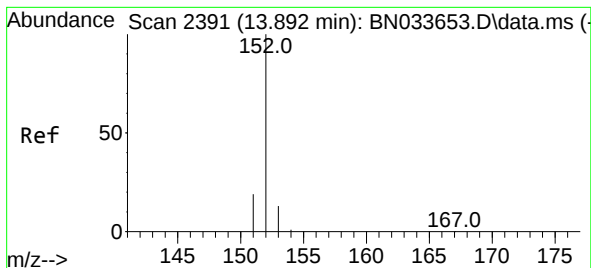
Tgt Ion:142 Resp: 9224
Ion Ratio Lower Upper
142 100
141 88.1 71.1 106.7



#8
1-Methylnaphthalene
Concen: 0.432 ng/ul
RT: 12.191 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion:142 Resp: 10721
Ion Ratio Lower Upper
142 100
141 92.6 73.6 110.4





#10

Acenaphthylene

Concen: 0.366 ng/ul

RT: 13.887 min Scan# 21

Delta R.T. -0.003 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

Instrument :

BNA_N

ClientSampleId :

SLCS970

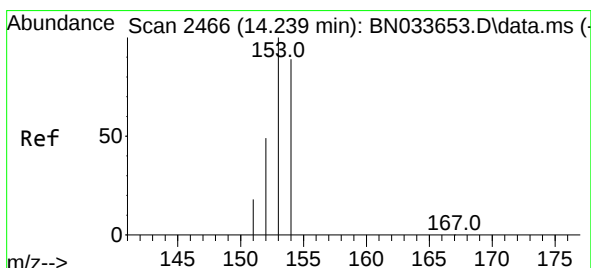
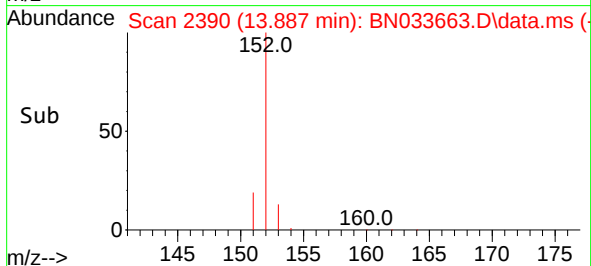
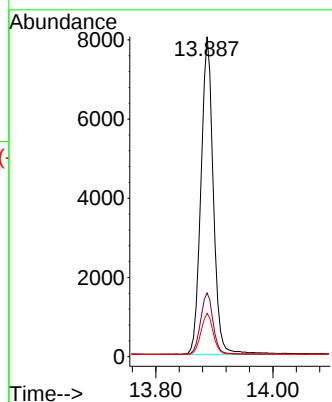
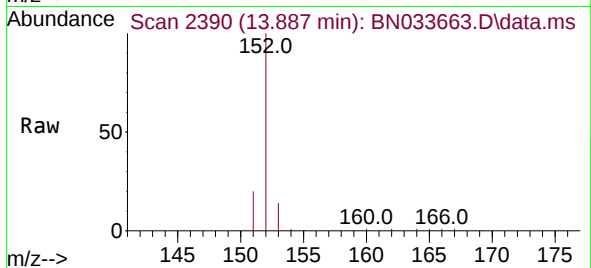
Tgt Ion:152 Resp: 11766

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

153 13.6 10.8 16.2



#11

Acenaphthene

Concen: 0.409 ng/ul

RT: 14.234 min Scan# 2465

Delta R.T. -0.003 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

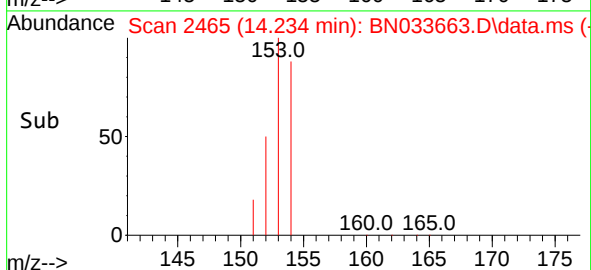
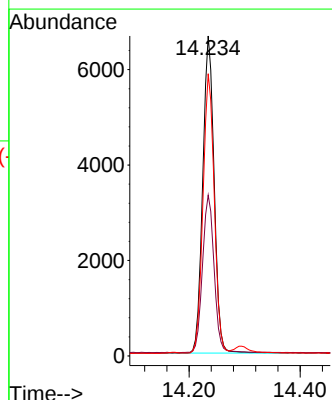
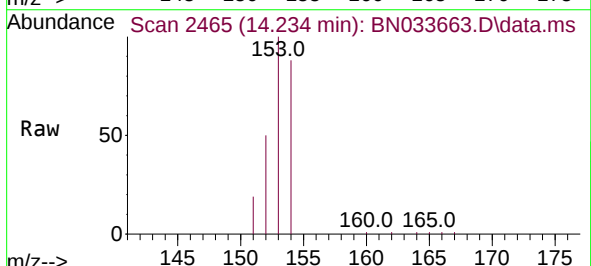
Tgt Ion:153 Resp: 9487

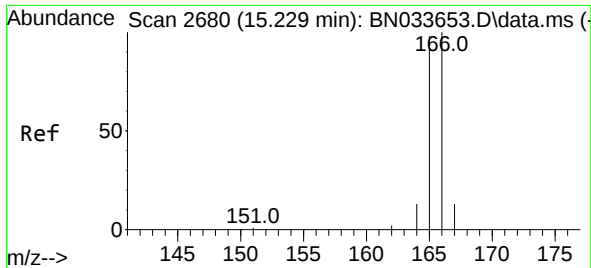
Ion Ratio Lower Upper

153 100

152 50.2 39.8 59.8

154 88.2 69.0 103.6

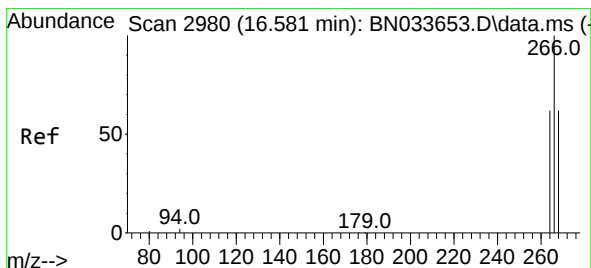
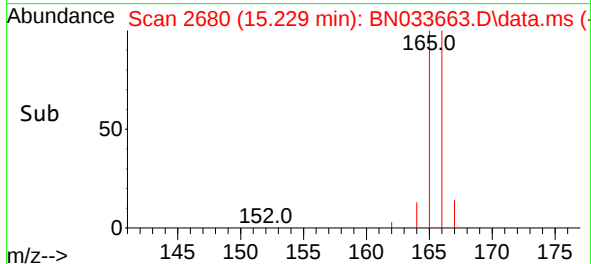
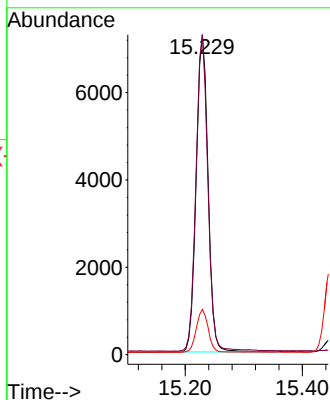
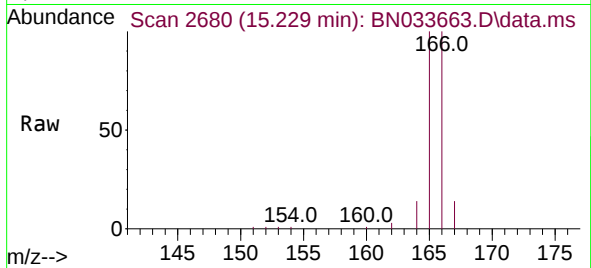




#12
 Fluorene
 Concen: 0.395 ng/ul
 RT: 15.229 min Scan# 2680
 Delta R.T. -0.003 min
 Lab File: BN033663.D
 Acq: 29 Aug 2024 02:12

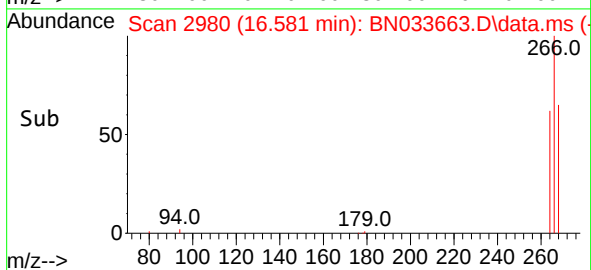
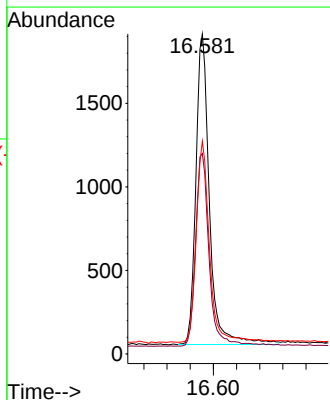
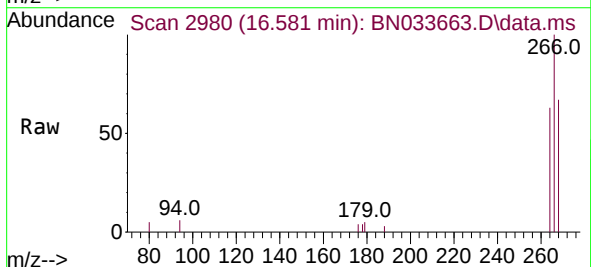
Instrument :
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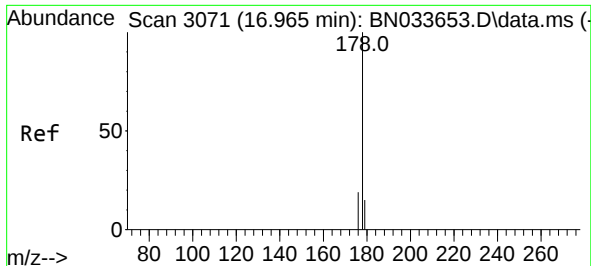
Tgt Ion:166 Resp: 10247
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.1 118.7
 167 14.2 11.4 17.0



#14
 Pentachlorophenol
 Concen: 0.644 ng/ul
 RT: 16.581 min Scan# 2980
 Delta R.T. -0.003 min
 Lab File: BN033663.D
 Acq: 29 Aug 2024 02:12

Tgt Ion:266 Resp: 3021
 Ion Ratio Lower Upper
 266 100
 264 62.3 50.3 75.5
 268 63.3 51.7 77.5

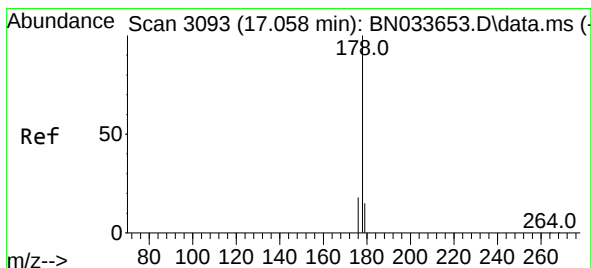
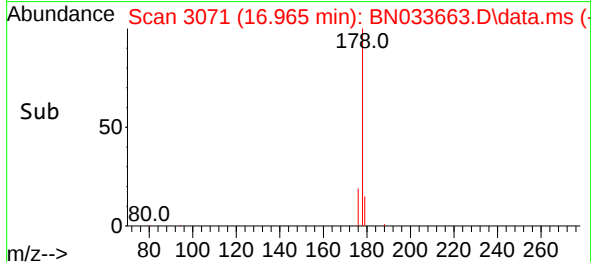
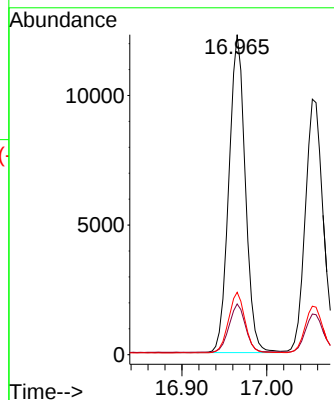
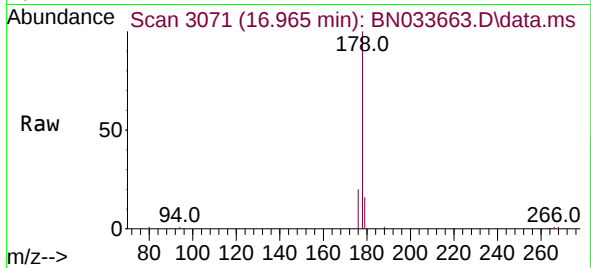




#15
Phenanthrene
Concen: 0.376 ng/ul
RT: 16.965 min Scan# 3071
Delta R.T. -0.003 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

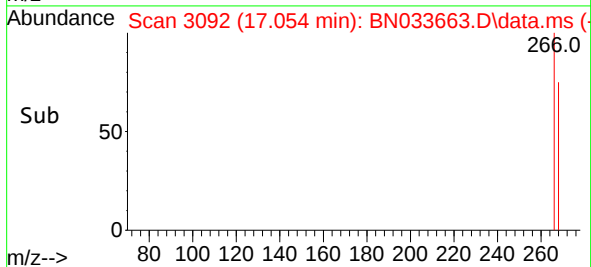
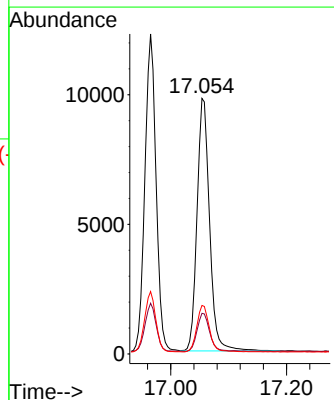
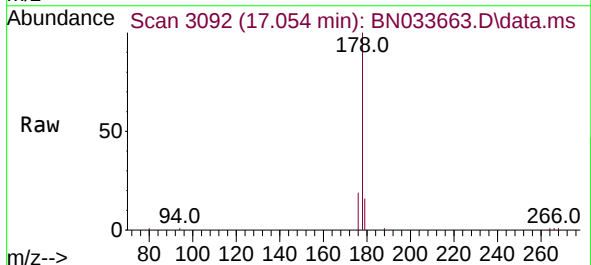
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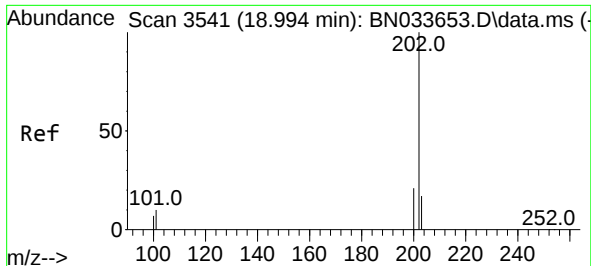
Tgt Ion:178 Resp: 16518
Ion Ratio Lower Upper
178 100
179 15.8 12.9 19.3
176 19.5 15.7 23.5



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.054 min Scan# 3092
Delta R.T. -0.007 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion:178 Resp: 14610
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.4
176 18.9 15.2 22.8





#19

Fluoranthene

Concen: 0.392 ng/ul

RT: 18.989 min Scan# 3540

Delta R.T. -0.008 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

Instrument :

BNA_N

ClientSampleId :

SLCS970

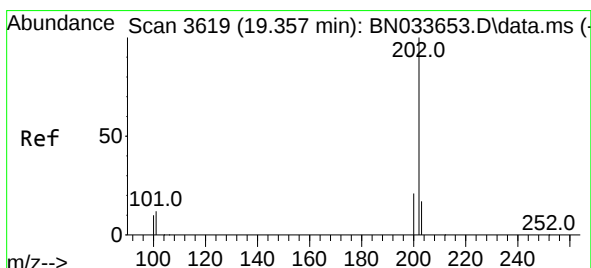
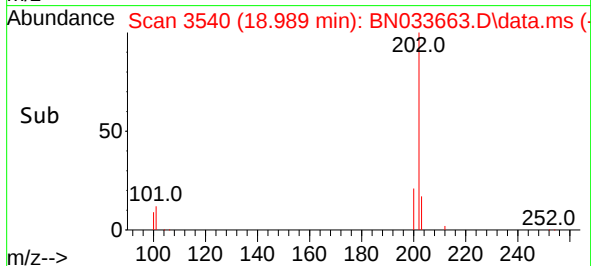
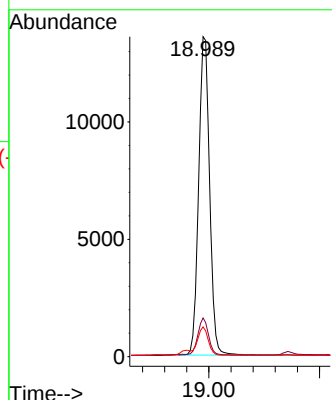
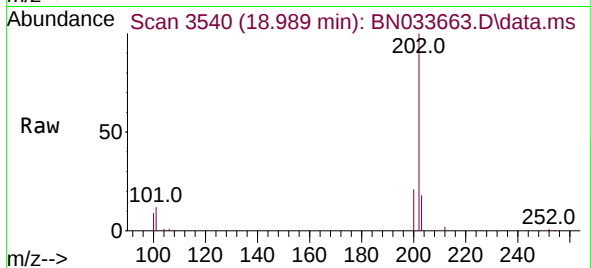
Tgt Ion:202 Resp: 18623

Ion Ratio Lower Upper

202 100

101 12.1 9.0 13.4

100 9.3 6.7 10.1



#20

Pyrene

Concen: 0.385 ng/ul

RT: 19.357 min Scan# 3619

Delta R.T. -0.003 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

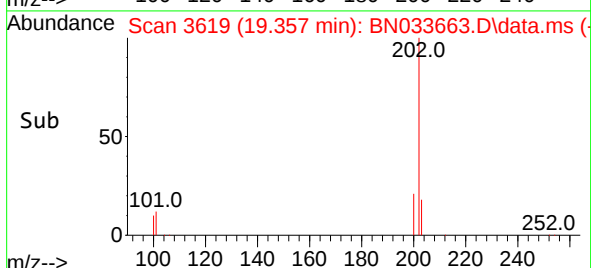
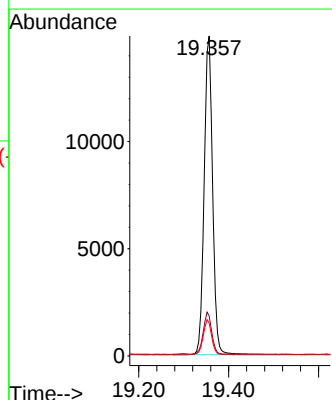
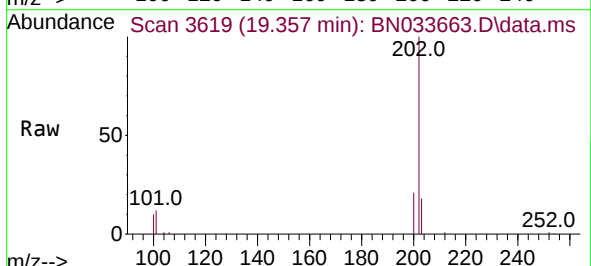
Tgt Ion:202 Resp: 19417

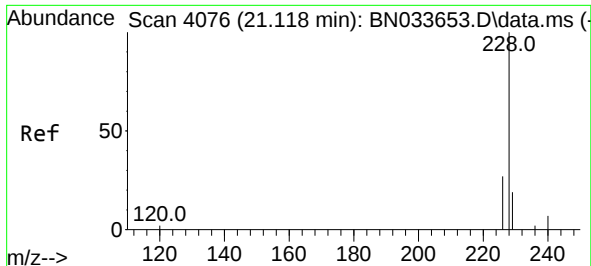
Ion Ratio Lower Upper

202 100

101 12.5 10.8 16.2

100 10.3 8.7 13.1

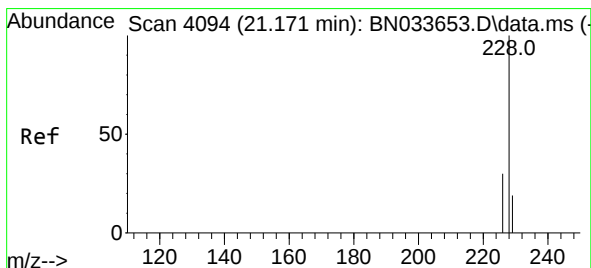
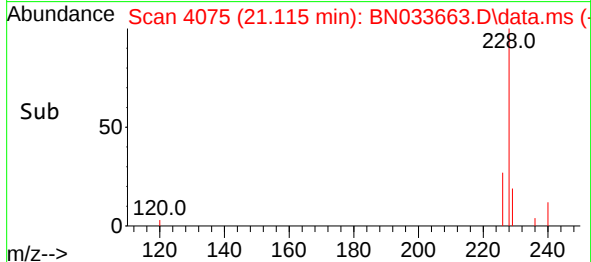
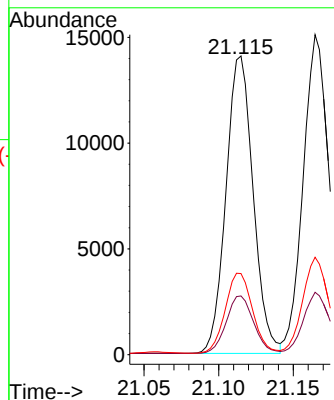
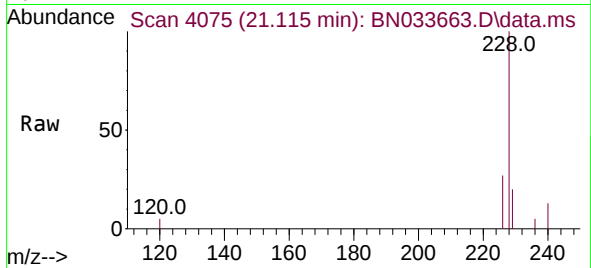




#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.115 min Scan# 4075
Delta R.T. -0.005 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

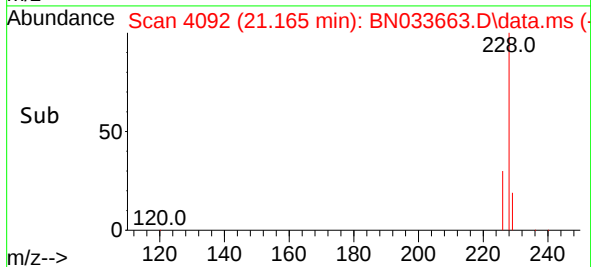
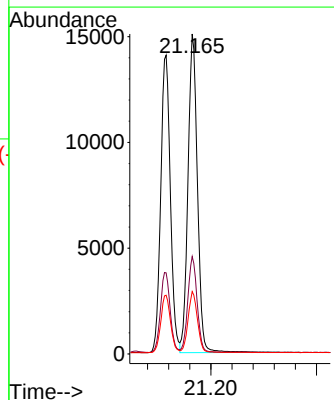
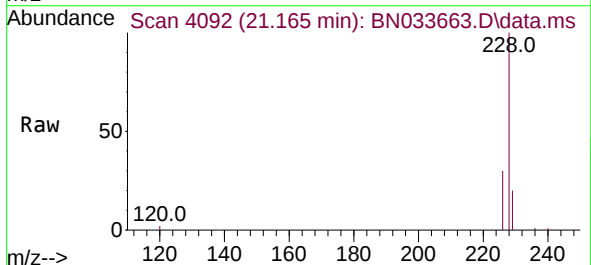
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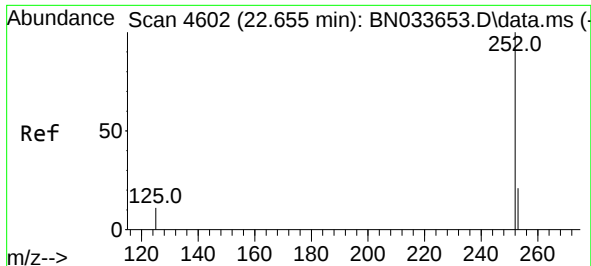
Tgt Ion:228 Resp: 17806
Ion Ratio Lower Upper
228 100
229 19.7 15.4 23.2
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.389 ng/ul
RT: 21.165 min Scan# 4092
Delta R.T. -0.008 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion:228 Resp: 18654
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.5 15.6 23.4

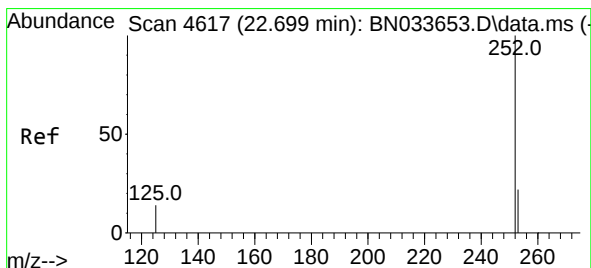
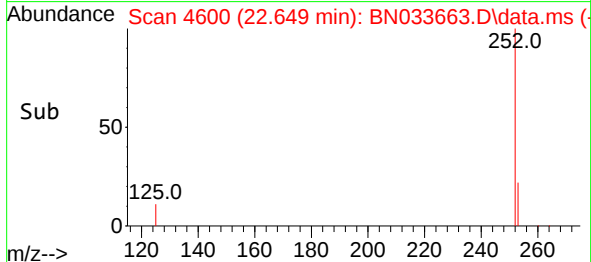
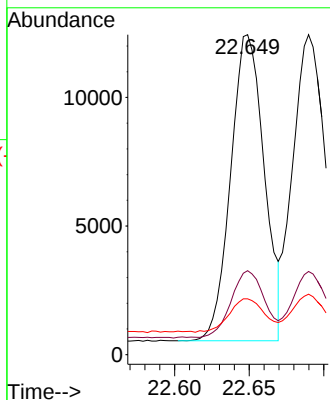
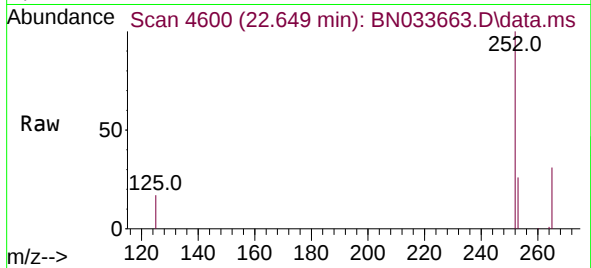




#24
Benzo(b)fluoranthene
Concen: 0.381 ng/ul
RT: 22.649 min Scan# 4600
Delta R.T. -0.010 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

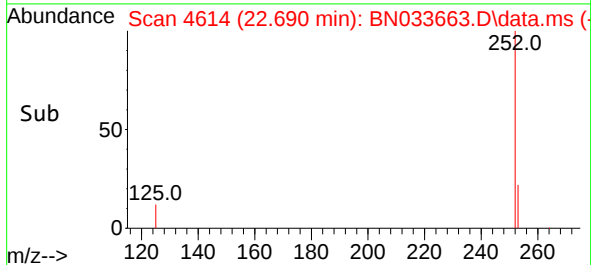
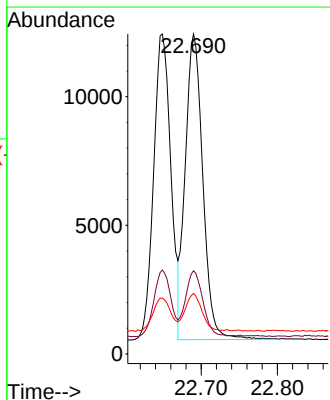
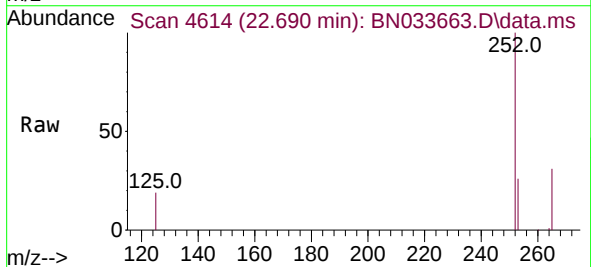
Instrument :
BNA_N
ClientSampleId :
SLCS970

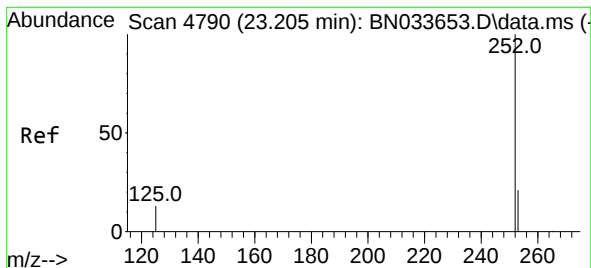
Tgt Ion:252 Resp: 18624
Ion Ratio Lower Upper
252 100
253 26.2 0.0 52.8
125 17.5 0.0 36.4



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 22.690 min Scan# 4614
Delta R.T. -0.010 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion:252 Resp: 19047
Ion Ratio Lower Upper
252 100
253 26.0 21.4 32.0
125 18.9 15.1 22.7





#26

Benzo(a)pyrene

Concen: 0.422 ng/ul

RT: 23.199 min Scan# 4788

Delta R.T. -0.008 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

Instrument :

BNA_N

ClientSampleId :

SLCS970

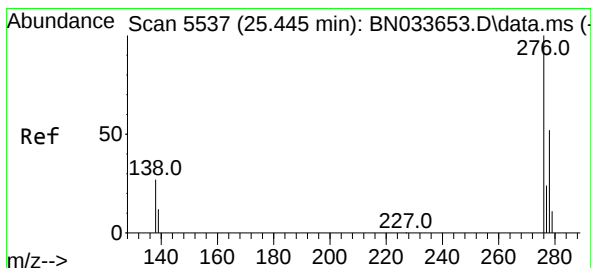
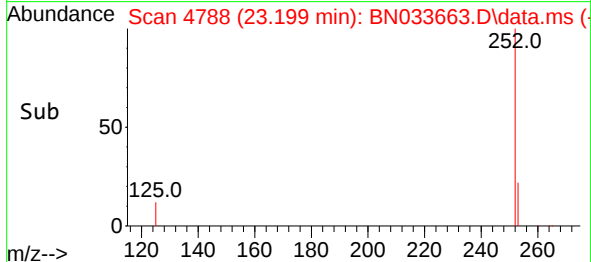
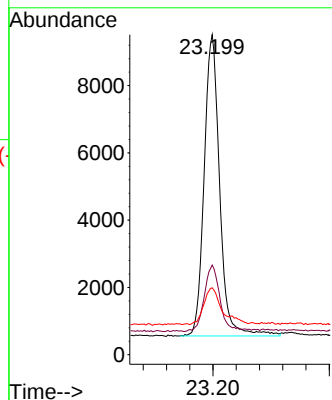
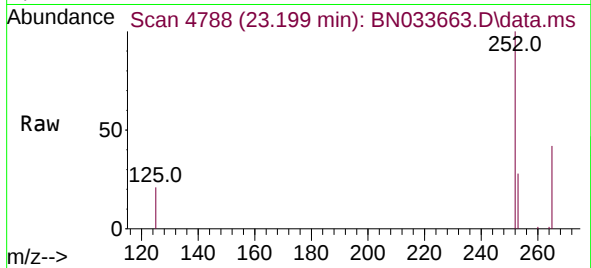
Tgt Ion:252 Resp: 16587

Ion Ratio Lower Upper

252 100

253 28.0 22.8 34.2

125 20.9 18.0 27.0



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.378 ng/ul

RT: 25.438 min Scan# 5535

Delta R.T. -0.012 min

Lab File: BN033663.D

Acq: 29 Aug 2024 02:12

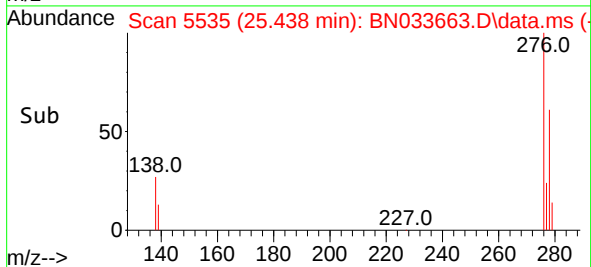
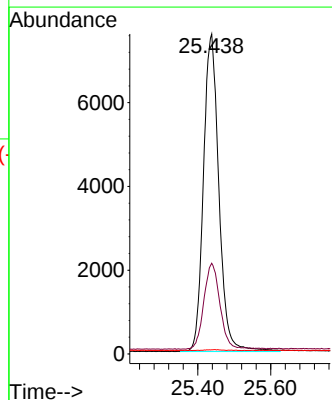
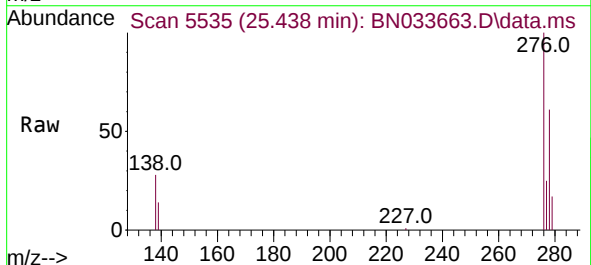
Tgt Ion:276 Resp: 22284

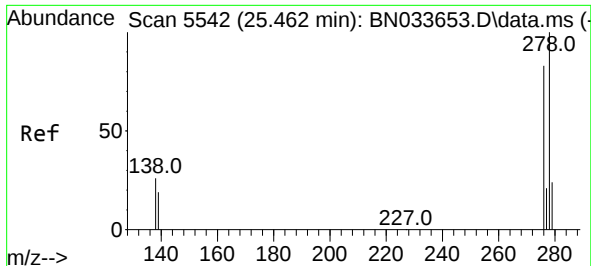
Ion Ratio Lower Upper

276 100

138 28.4 22.3 33.5

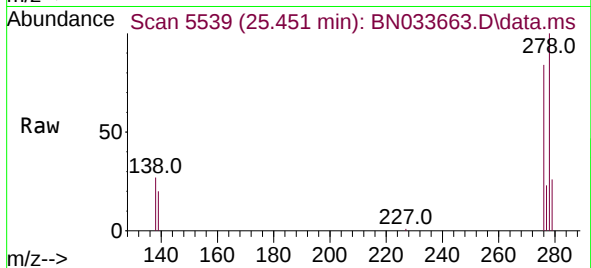
227 0.3 0.2 0.4



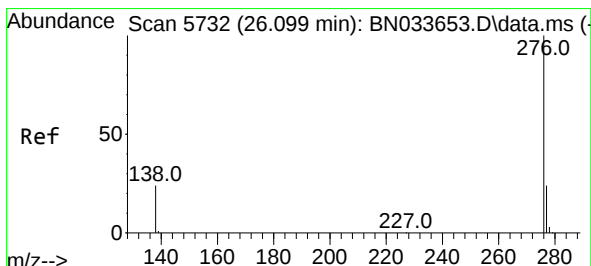
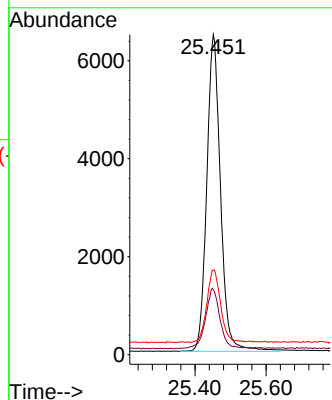
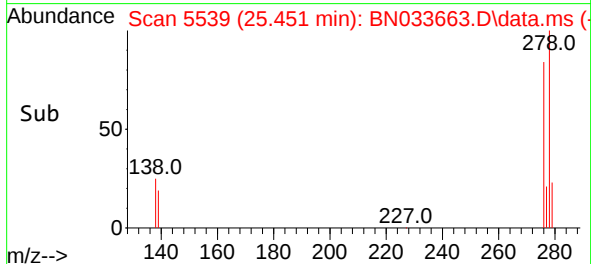


#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 25.451 min Scan# 51
Delta R.T. -0.012 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Instrument :
BNA_N
ClientSampleId :
SLCS970



Tgt Ion:278 Resp: 17329
Ion Ratio Lower Upper
278 100
139 20.3 17.3 25.9
279 26.5 21.5 32.3



#29
Benzo(g,h,i)perylene
Concen: 0.382 ng/ul
RT: 26.085 min Scan# 5728
Delta R.T. -0.012 min
Lab File: BN033663.D
Acq: 29 Aug 2024 02:12

Tgt Ion:276 Resp: 17593
Ion Ratio Lower Upper
276 100
138 25.7 20.8 31.2
277 24.9 20.2 30.4

