

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072624\
 Data File : BN033024.D
 Acq On : 27 Jul 2024 08:04
 Operator : MA/JU
 Sample : PB162212BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS212

Quant Time: Jul 28 22:57:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 15:43:00 2024
 Response via : Initial Calibration

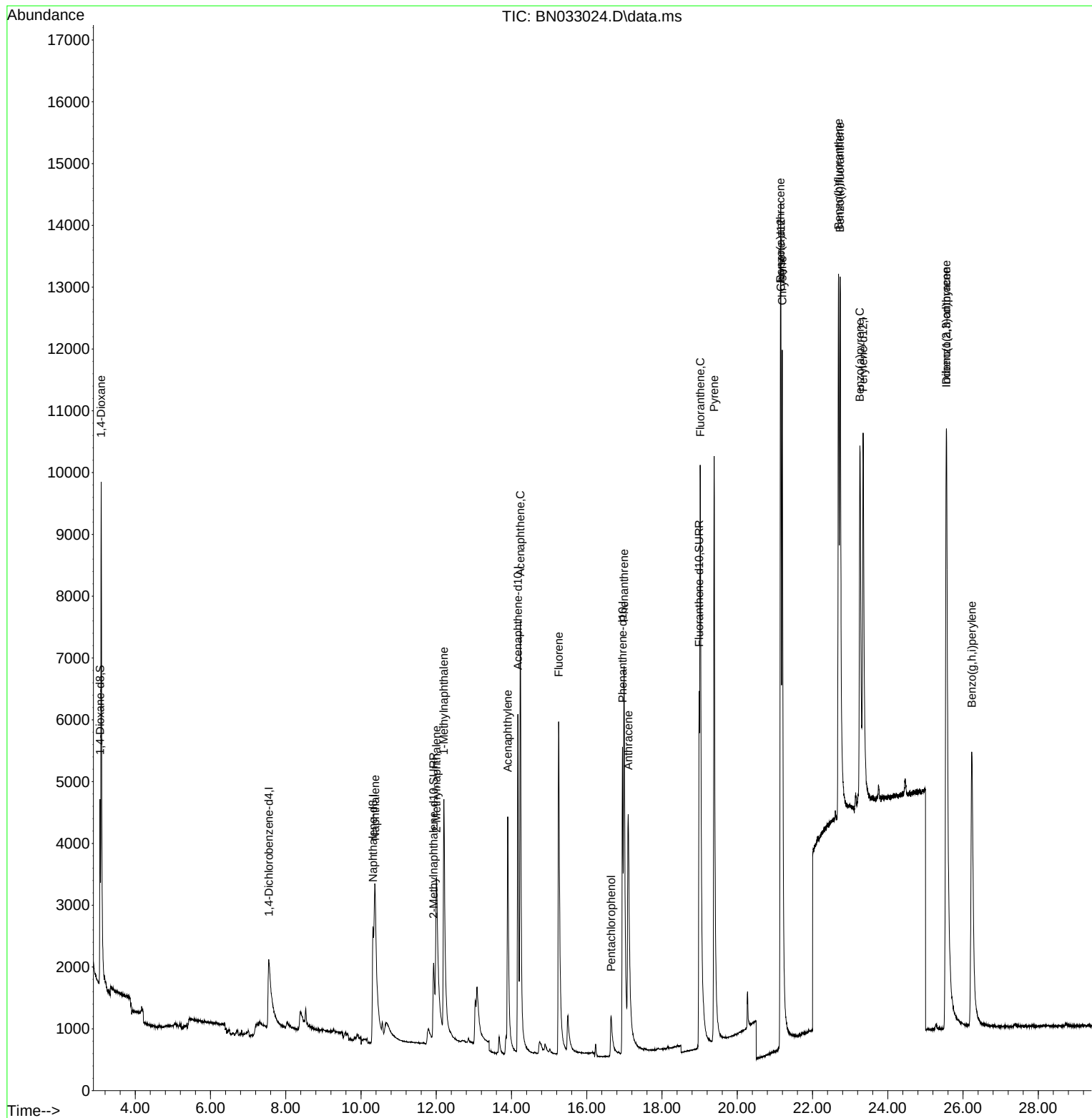
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.549	152	2069	0.400	ng/ul	0.02
4) Naphthalene-d8	10.317	136	6911	0.400	ng/ul	0.02
9) Acenaphthene-d10	14.171	164	4723	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.949	188	9995	0.400	ng/ul	0.00
17) Chrysene-d12	21.157	240	9036	0.400	ng/ul	0.00
23) Perylene-d12	23.346	264	10771	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	2209	0.844	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.928	152	4400	0.390	ng/ul	0.02
18) Fluoranthene-d10	18.986	212	10984	0.429	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.094	88	6376	2.137	ng/ul#	67
5) Naphthalene	10.372	128	7192	0.405	ng/ul	99
7) 2-Methylnaphthalene	12.005	142	4587	0.382	ng/ul	98
8) 1-Methylnaphthalene	12.203	142	4923	0.379	ng/ul	99
10) Acenaphthylene	13.898	152	7534	0.390	ng/ul	99
11) Acenaphthene	14.236	153	6259	0.430	ng/ul	99
12) Fluorene	15.253	166	6703	0.396	ng/ul	99
14) Pentachlorophenol	16.645	266	1126	0.553	ng/ul	98
15) Phenanthrene	16.992	178	10121	0.378	ng/ul	99
16) Anthracene	17.101	178	8685	0.360	ng/ul	99
19) Fluoranthene	19.018	202	12697	0.427	ng/ul	100
20) Pyrene	19.386	202	13538	0.424	ng/ul	99
21) Benzo(a)anthracene	21.145	228	10990	0.357	ng/ul	99
22) Chrysene	21.195	228	15588	0.433	ng/ul	98
24) Benzo(b)fluoranthene	22.691	252	12967	0.412	ng/ul	94
25) Benzo(k)fluoranthene	22.732	252	16242	0.431	ng/ul#	92
26) Benzo(a)pyrene	23.258	252	13352	0.451	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.554	276	16322	0.362	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.557	278	12749	0.357	ng/ul	96
29) Benzo(g,h,i)perylene	26.231	276	13032	0.364	ng/ul	96

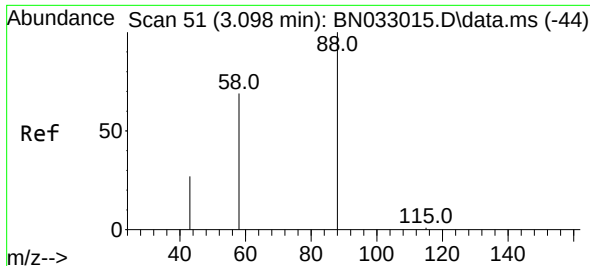
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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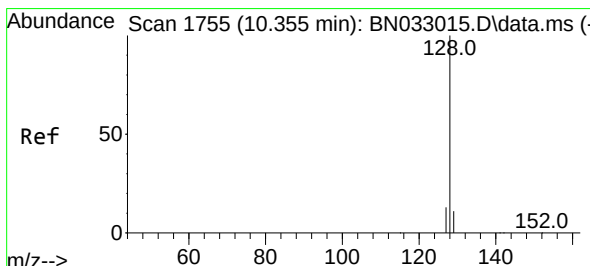
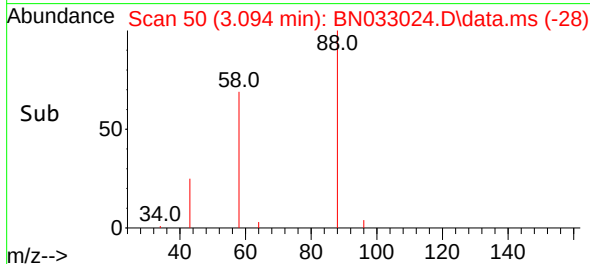
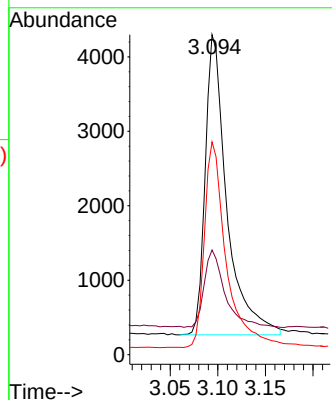
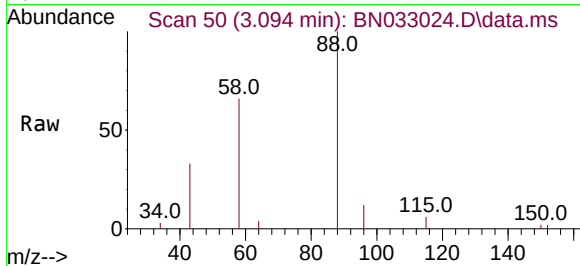




#2
1,4-Dioxane
Concen: 2.137 ng/ul
RT: 3.094 min Scan# 51
Delta R.T. -0.008 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

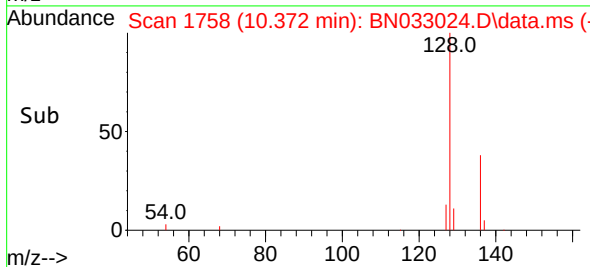
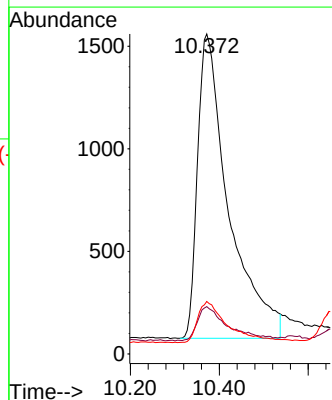
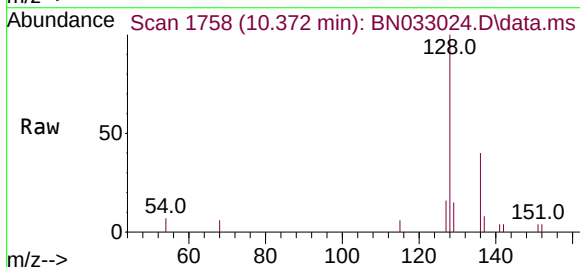
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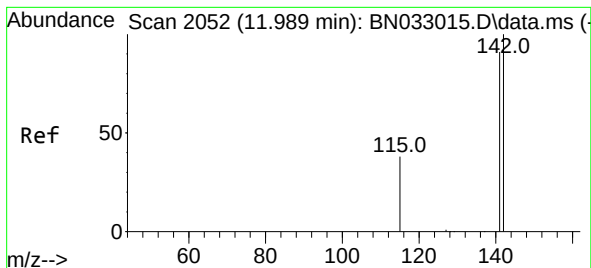
Tgt Ion: 88 Resp: 6376
Ion Ratio Lower Upper
88 100
43 32.7 63.4 95.2#
58 66.5 49.4 74.0



#5
Naphthalene
Concen: 0.405 ng/ul
RT: 10.372 min Scan# 1758
Delta R.T. 0.022 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:128 Resp: 7192
Ion Ratio Lower Upper
128 100
129 14.8 12.0 18.0
127 16.4 12.7 19.1





#7

2-Methylnaphthalene

Concen: 0.382 ng/ul

RT: 12.005 min Scan# 2055

Delta R.T. 0.022 min

Lab File: BN033024.D

Acq: 27 Jul 2024 08:04

Instrument :

BNA_N

ClientSampleId :

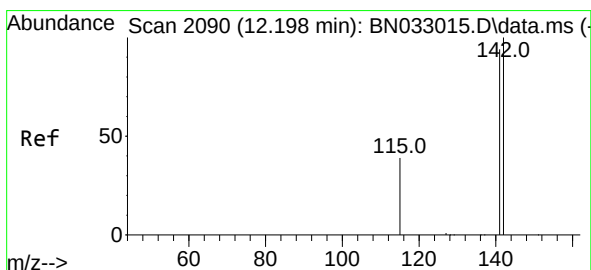
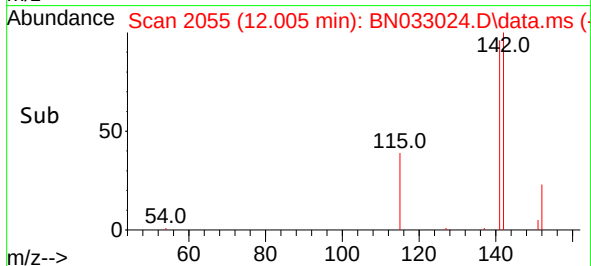
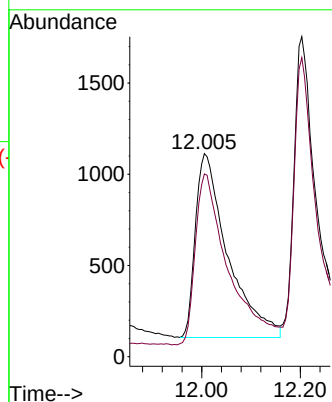
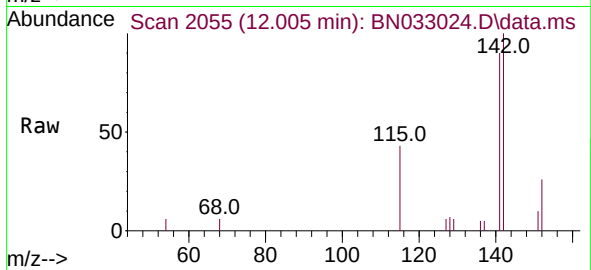
SLCS212

Tgt Ion:142 Resp: 4587

Ion Ratio Lower Upper

142 100

141 96.0 75.2 112.8



#8

1-Methylnaphthalene

Concen: 0.379 ng/ul

RT: 12.203 min Scan# 2091

Delta R.T. 0.006 min

Lab File: BN033024.D

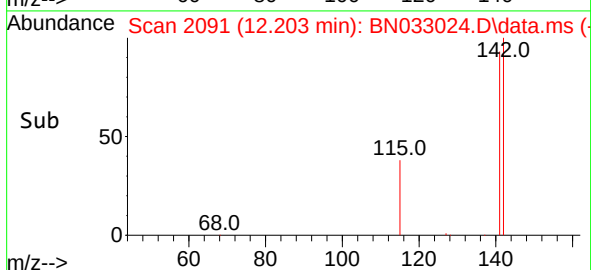
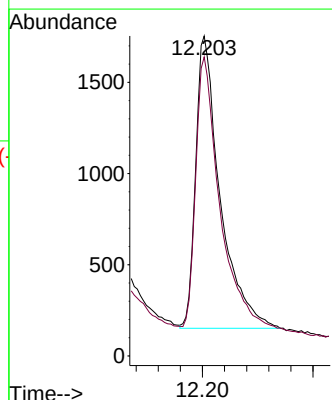
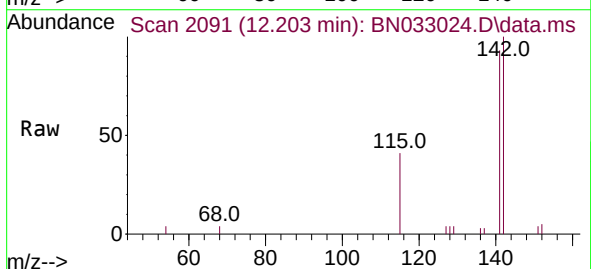
Acq: 27 Jul 2024 08:04

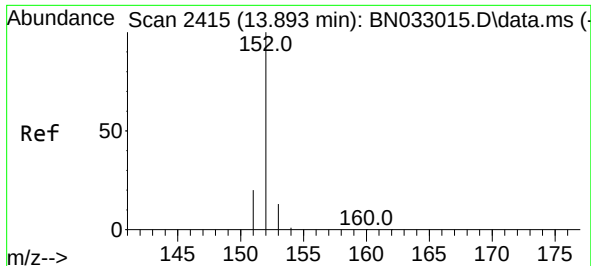
Tgt Ion:142 Resp: 4923

Ion Ratio Lower Upper

142 100

141 92.1 74.3 111.5

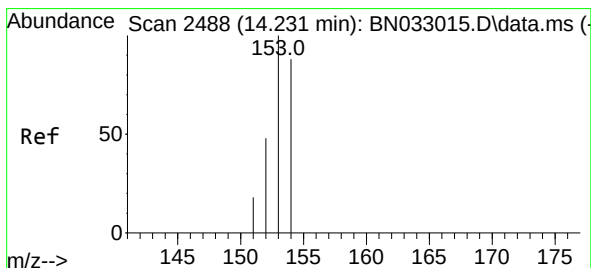
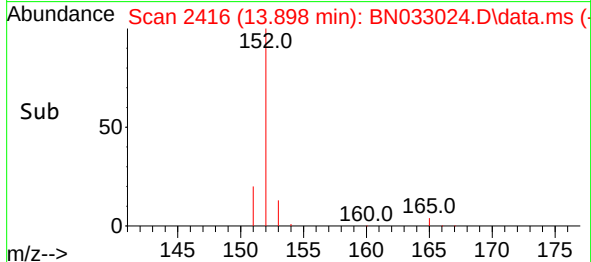
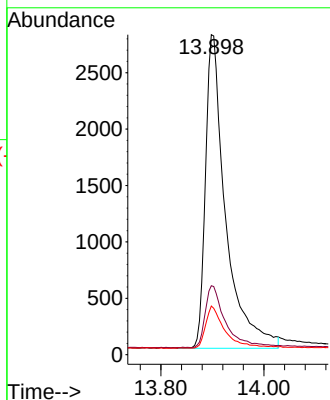
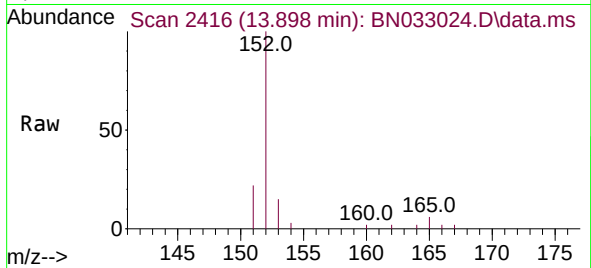




#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 13.898 min Scan# 2416
Delta R.T. 0.000 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

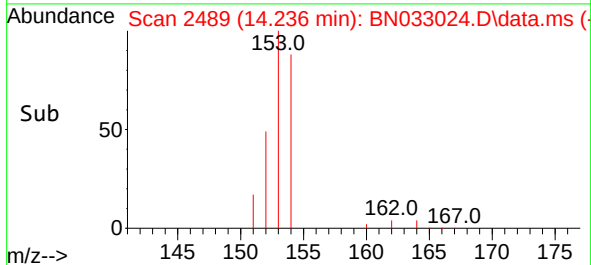
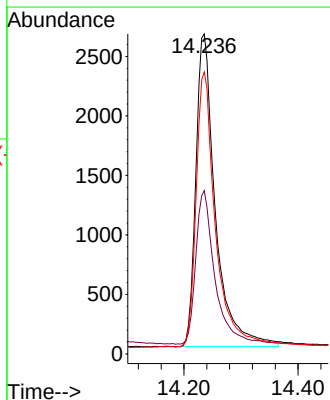
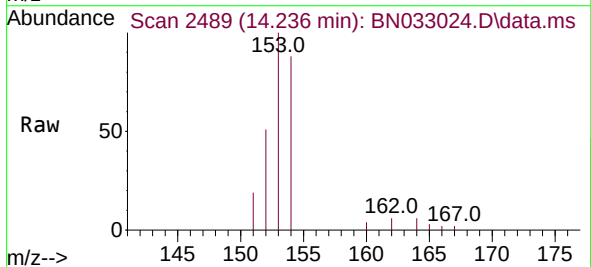
Instrument :
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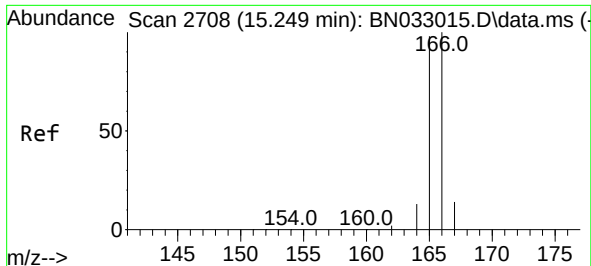
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.8	25.2
153	15.2	11.9	17.9



#11
Acenaphthene
Concen: 0.430 ng/ul
RT: 14.236 min Scan# 2489
Delta R.T. 0.000 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.0	60.0
154	88.2	70.1	105.1

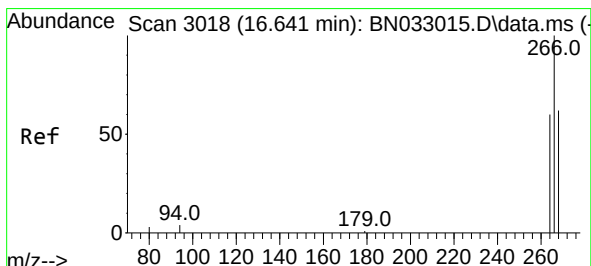
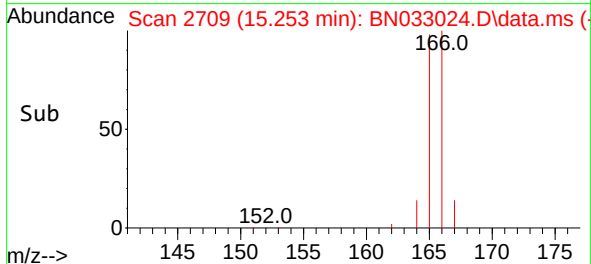
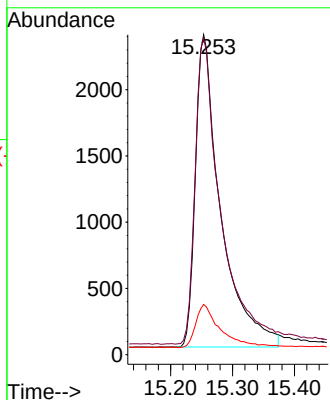
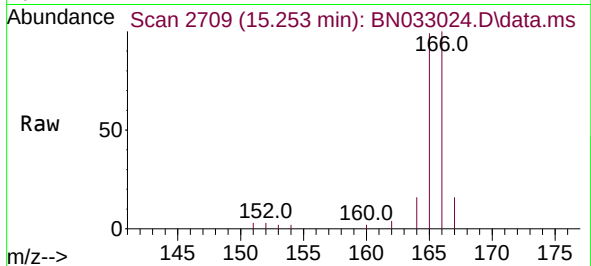




#12
Fluorene
Concen: 0.396 ng/ul
RT: 15.253 min Scan# 21
Delta R.T. 0.009 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

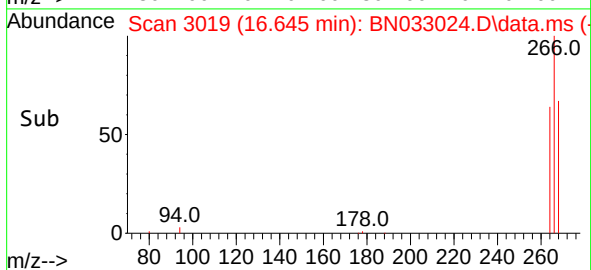
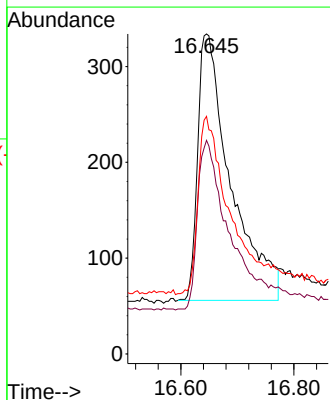
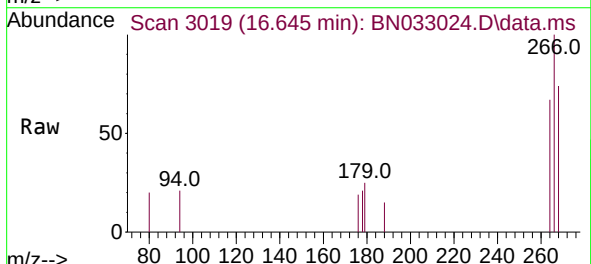
Instrument :
BNA_N
ClientSampleId :
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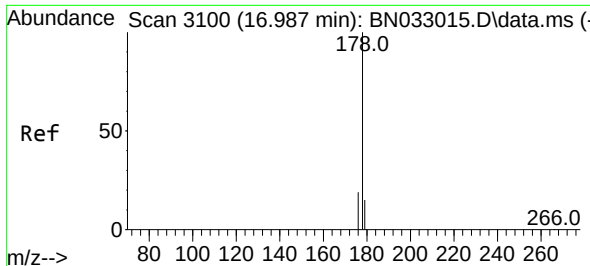
Tgt Ion:166 Resp: 6703
Ion Ratio Lower Upper
166 100
165 98.9 79.6 119.4
167 15.7 12.2 18.4



#14
Pentachlorophenol
Concen: 0.553 ng/ul
RT: 16.645 min Scan# 3019
Delta R.T. 0.009 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:266 Resp: 1126
Ion Ratio Lower Upper
266 100
264 63.8 49.3 73.9
268 66.4 51.8 77.8

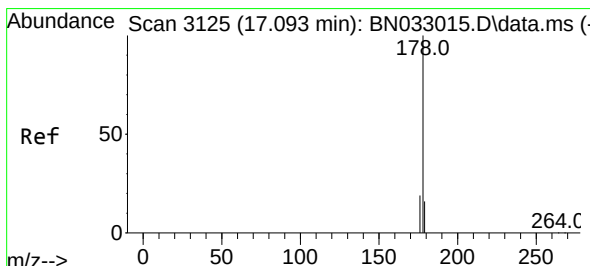
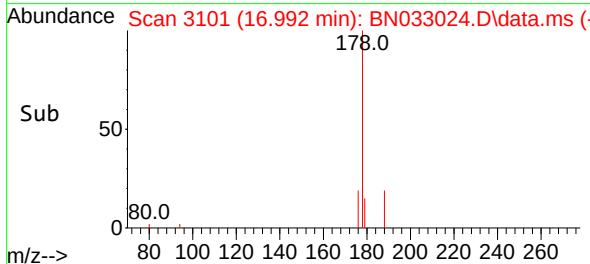
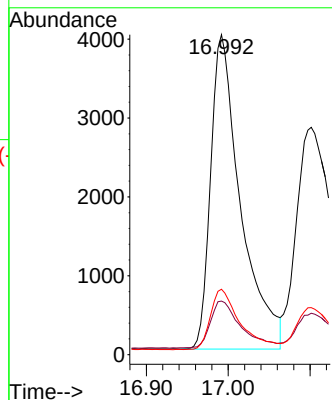
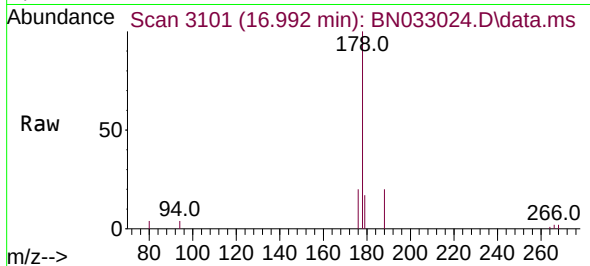




#15
Phenanthrene
Concen: 0.378 ng/ul
RT: 16.992 min Scan# 3101
Delta R.T. 0.004 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

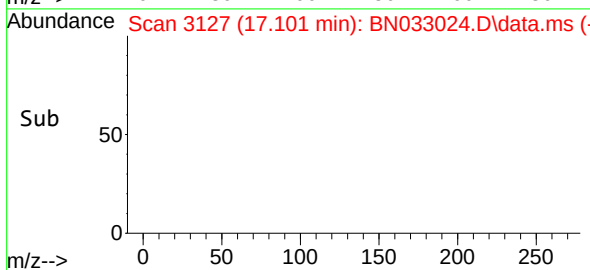
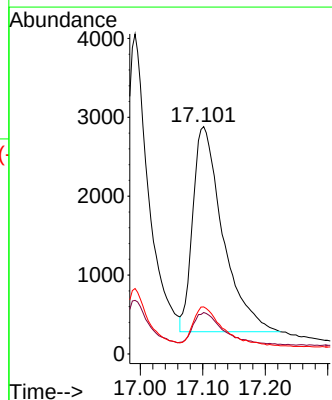
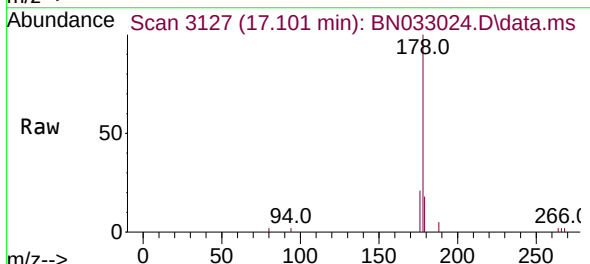
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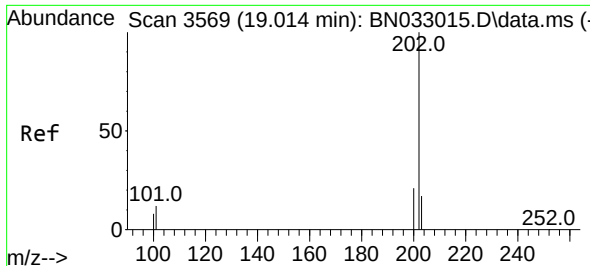
Tgt Ion:178 Resp: 10121
Ion Ratio Lower Upper
178 100
179 16.8 13.7 20.5
176 20.4 15.9 23.9



#16
Anthracene
Concen: 0.360 ng/ul
RT: 17.101 min Scan# 3127
Delta R.T. 0.017 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:178 Resp: 8685
Ion Ratio Lower Upper
178 100
179 18.2 14.3 21.5
176 20.7 15.8 23.8

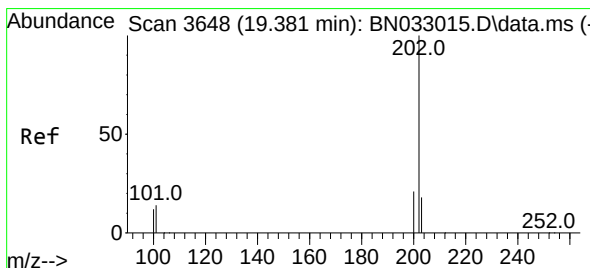
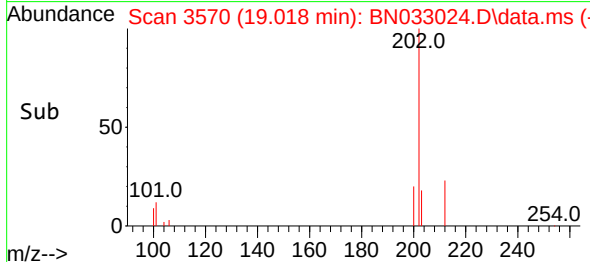
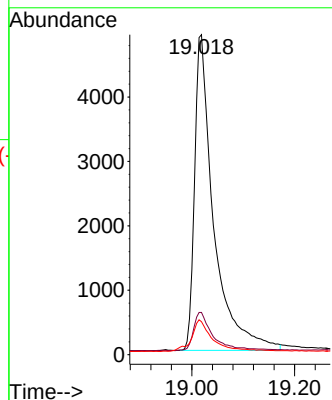
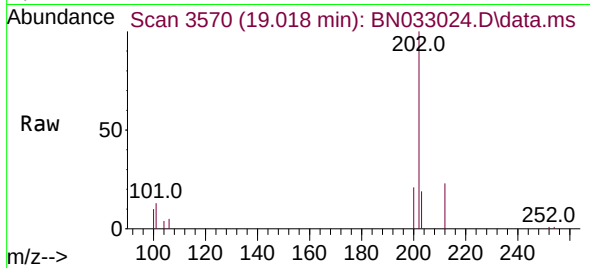




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.018 min Scan# 3569
Delta R.T. 0.005 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

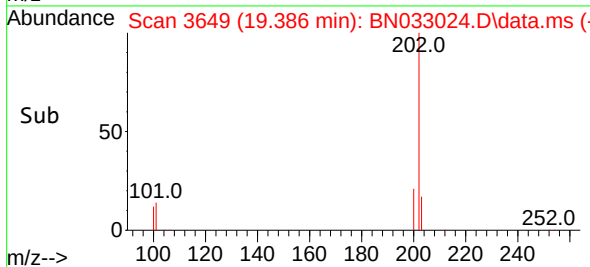
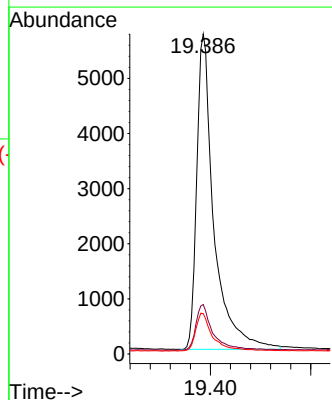
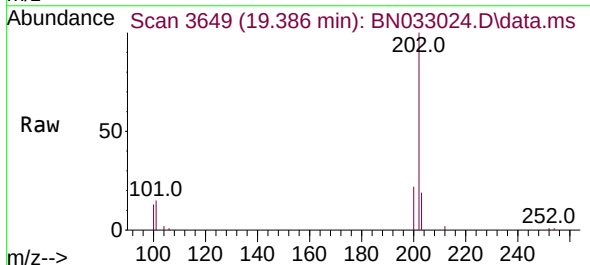
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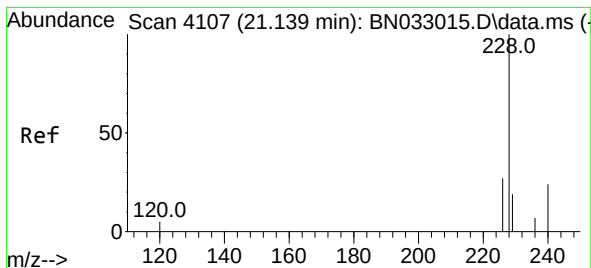
Tgt Ion:202 Resp: 12697
Ion Ratio Lower Upper
202 100
101 13.2 10.7 16.1
100 10.3 8.3 12.5



#20
Pyrene
Concen: 0.424 ng/ul
RT: 19.386 min Scan# 3649
Delta R.T. 0.005 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:202 Resp: 13538
Ion Ratio Lower Upper
202 100
101 15.5 12.6 18.8
100 12.6 9.9 14.9





#21

Benzo(a)anthracene

Concen: 0.357 ng/ul

RT: 21.145 min Scan# 4109

Delta R.T. 0.000 min

Lab File: BN033024.D

Acq: 27 Jul 2024 08:04

Instrument :

BNA_N

ClientSampleId :

SLCS212

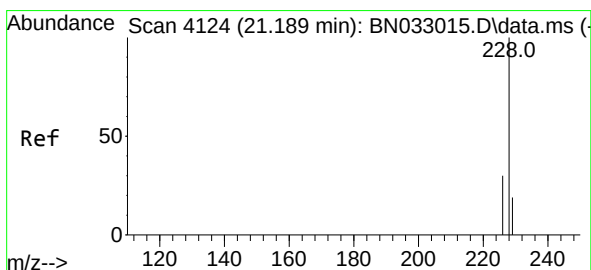
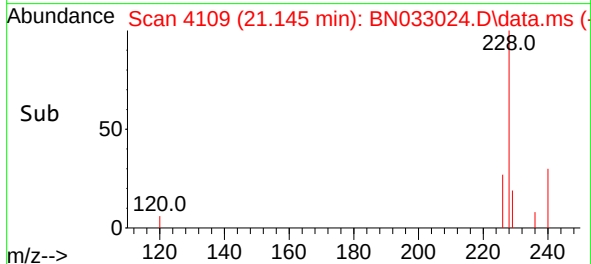
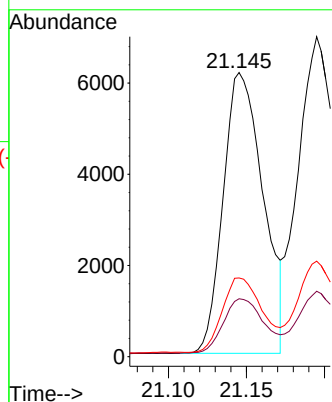
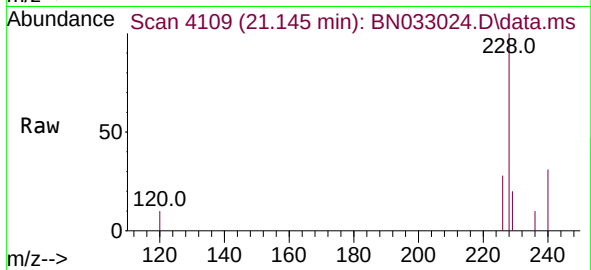
Tgt Ion:228 Resp: 10990

Ion Ratio Lower Upper

228 100

229 20.4 17.1 25.7

226 27.7 22.4 33.6



#22

Chrysene

Concen: 0.433 ng/ul

RT: 21.195 min Scan# 4126

Delta R.T. 0.000 min

Lab File: BN033024.D

Acq: 27 Jul 2024 08:04

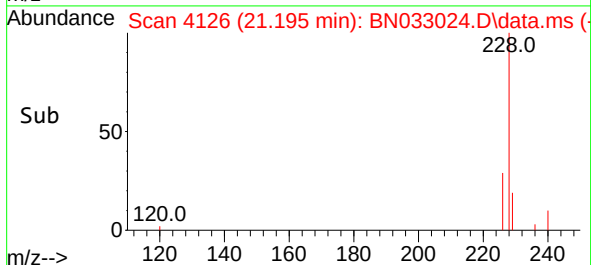
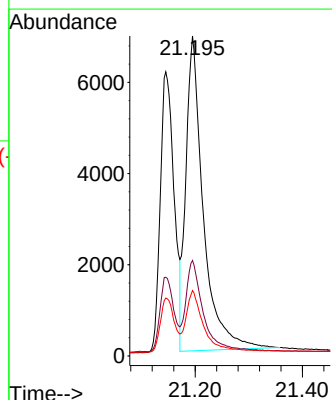
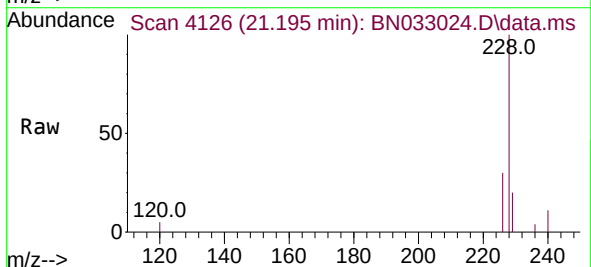
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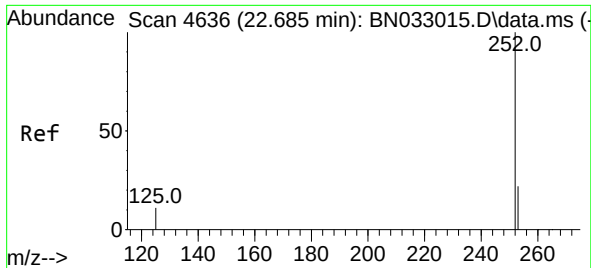
Ion Ratio Lower Upper

228 100

226 29.8 24.7 37.1

229 20.4 17.0 25.6

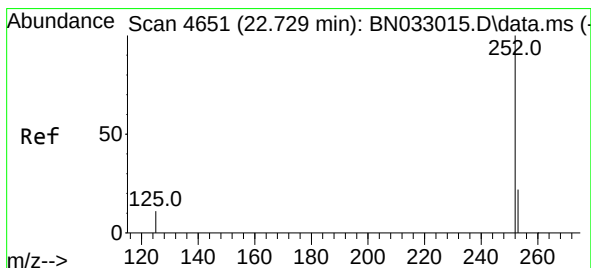
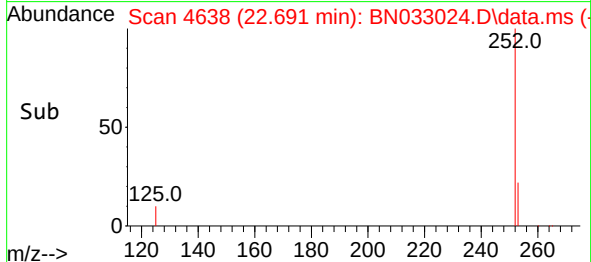
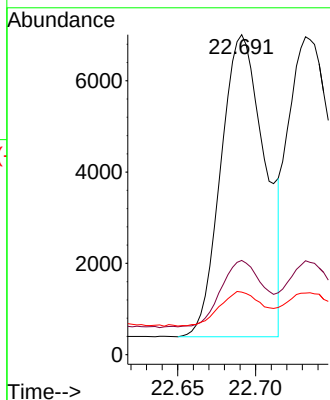
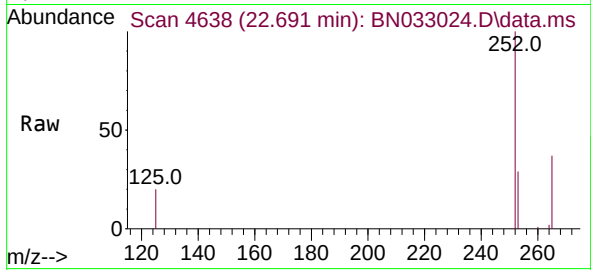




#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 22.691 min Scan# 4638
Delta R.T. -0.003 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

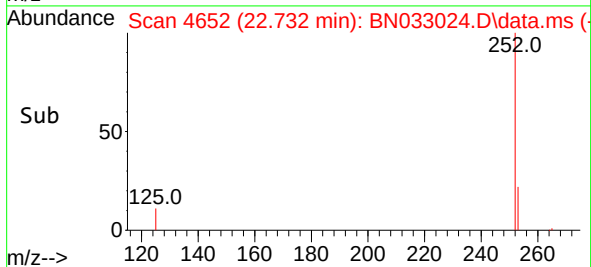
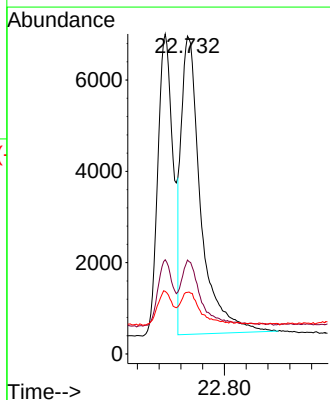
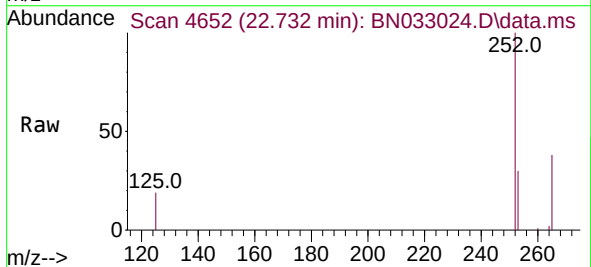
Instrument :
BNA_N
ClientSampleId :
SLCS212

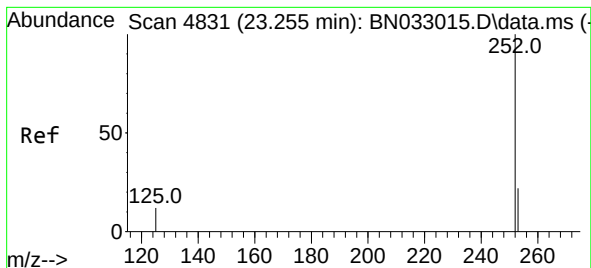
Tgt Ion:252 Resp: 12967
Ion Ratio Lower Upper
252 100
253 29.5 0.0 60.6
125 19.6 0.0 51.0



#25
Benzo(k)fluoranthene
Concen: 0.431 ng/ul
RT: 22.732 min Scan# 4652
Delta R.T. -0.003 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:252 Resp: 16242
Ion Ratio Lower Upper
252 100
253 29.5 24.9 37.3
125 19.4 20.9 31.3#





#26

Benzo(a)pyrene

Concen: 0.451 ng/ul

RT: 23.258 min Scan# 4831

Delta R.T. -0.003 min

Lab File: BN033024.D

Acq: 27 Jul 2024 08:04

Instrument :

BNA_N

ClientSampleId :

SLCS212

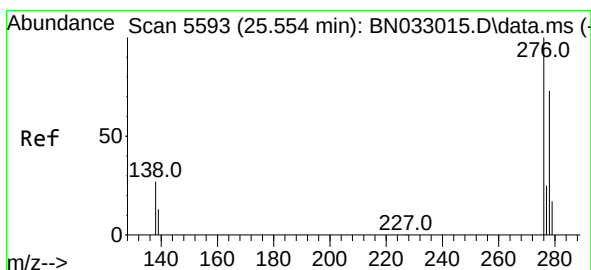
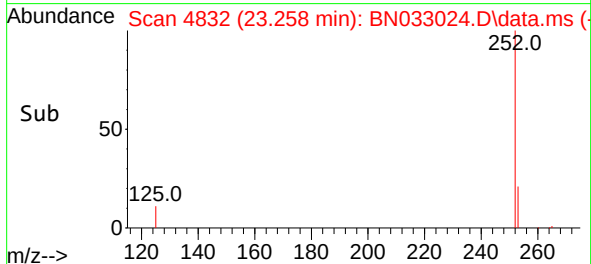
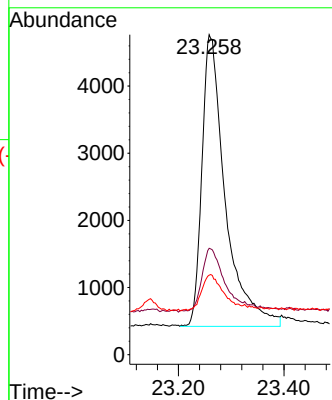
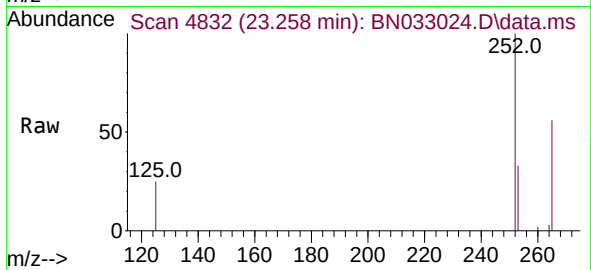
Tgt Ion:252 Resp: 13352

Ion Ratio Lower Upper

252 100

253 33.2 27.5 41.3

125 24.9 27.0 40.6#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.362 ng/ul

RT: 25.554 min Scan# 5593

Delta R.T. -0.007 min

Lab File: BN033024.D

Acq: 27 Jul 2024 08:04

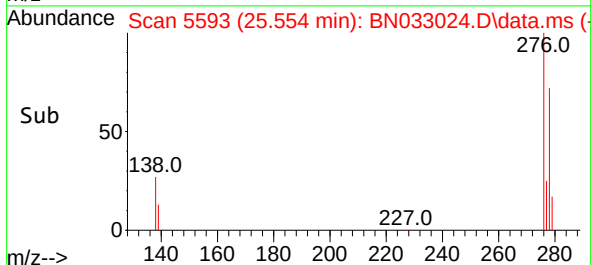
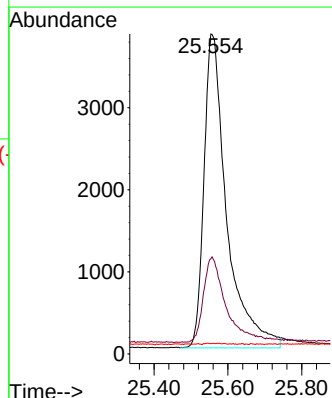
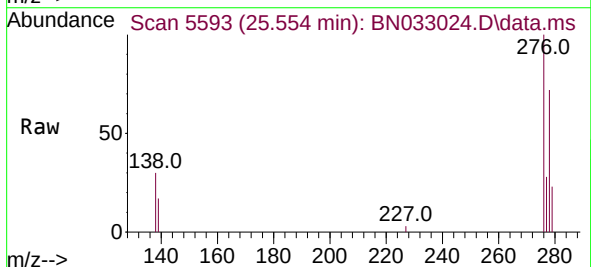
Tgt Ion:276 Resp: 16322

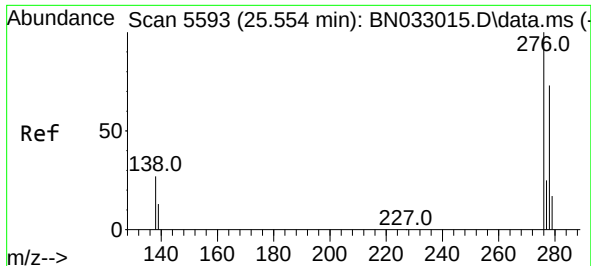
Ion Ratio Lower Upper

276 100

138 27.0 21.8 32.8

227 0.1 0.2 0.2#

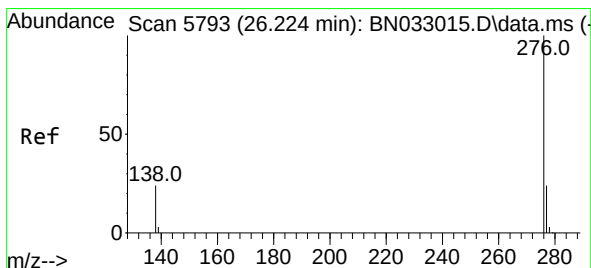
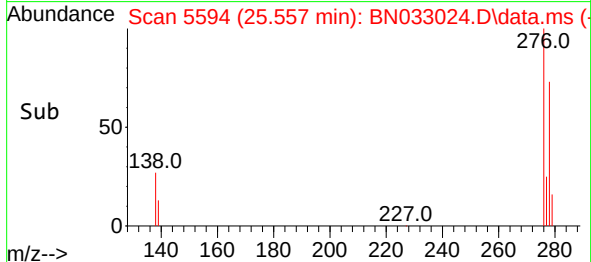
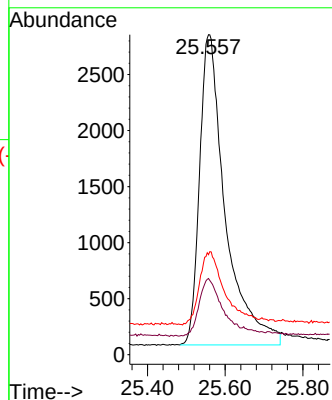
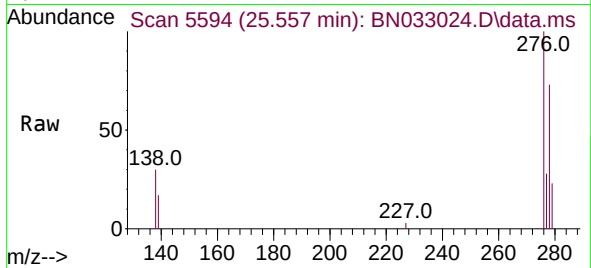




#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 25.557 min Scan# 51
Delta R.T. -0.003 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Instrument :
BNA_N
ClientSampleId :
SLCS212

Tgt Ion:278 Resp: 12749
Ion Ratio Lower Upper
278 100
139 23.8 22.5 33.7
279 31.3 25.5 38.3



#29
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.231 min Scan# 5795
Delta R.T. -0.010 min
Lab File: BN033024.D
Acq: 27 Jul 2024 08:04

Tgt Ion:276 Resp: 13032
Ion Ratio Lower Upper
276 100
138 27.9 24.6 37.0
277 26.6 22.6 34.0

