

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010323\
 Data File : BN023541.D
 Acq On : 03 Jan 2023 17:21
 Operator : CG/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV229

Quant Time: Jan 04 00:29:43 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN010323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 04 00:28:51 2023
 Response via : Initial Calibration

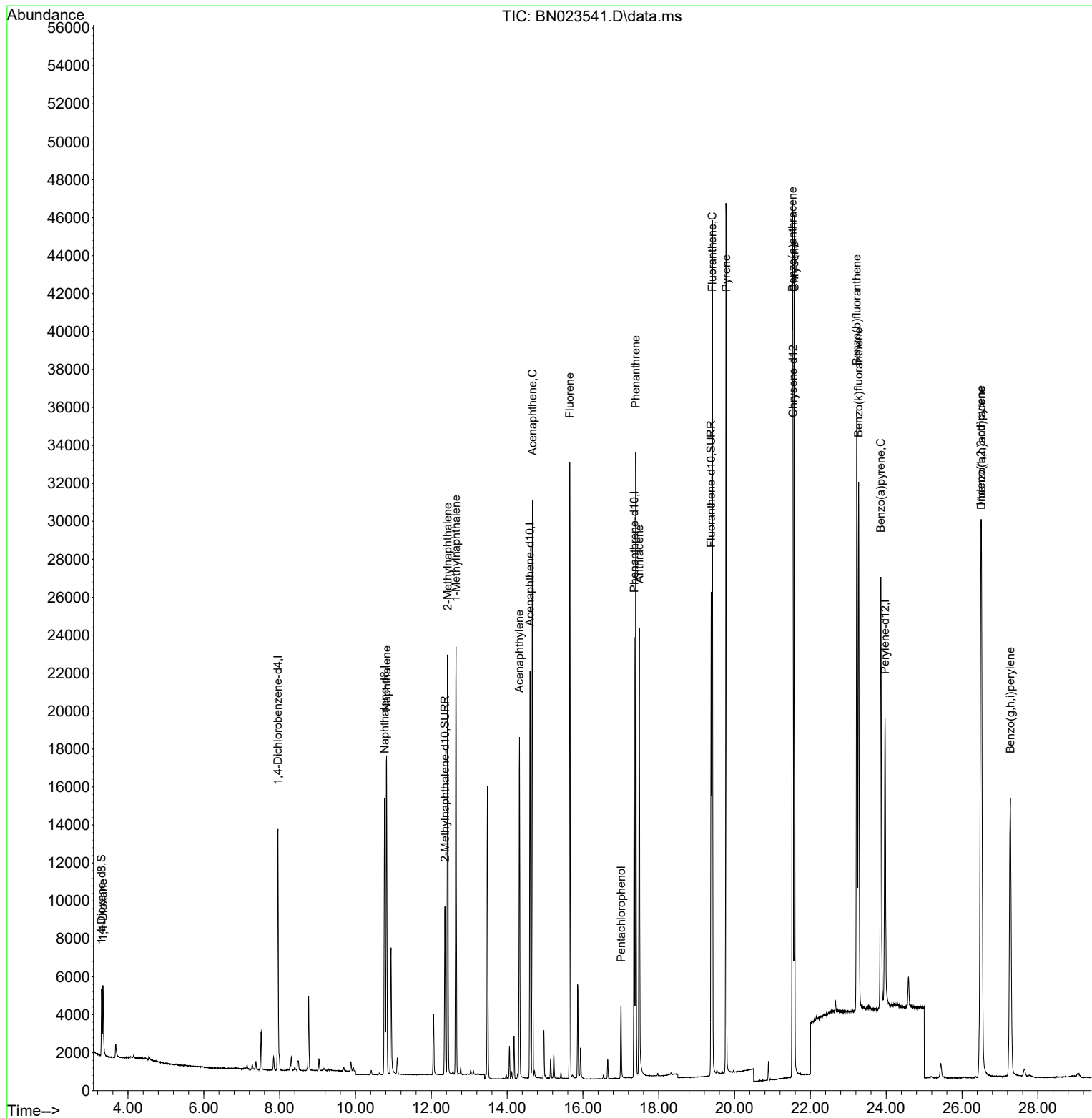
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.956	152	6286	0.400	ng/ul	0.00
4) Naphthalene-d8	10.771	136	19517	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.604	164	11416	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.352	188	25920	0.400	ng/ul	0.00
17) Chrysene-d12	21.543	240	23732	0.400	ng/ul	0.00
23) Perylene-d12	23.969	264	21557	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	2488	0.357	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.361	152	10962	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.383	212	26576	0.382	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	2594	0.355	ng/ul#	91
5) Naphthalene	10.821	128	22580	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.432	142	15218	0.422	ng/ul	99
8) 1-Methylnaphthalene	12.652	142	14620	0.396	ng/ul	100
10) Acenaphthylene	14.326	152	19382	0.416	ng/ul	100
11) Acenaphthene	14.668	153	16685	0.407	ng/ul	100
12) Fluorene	15.654	166	19197	0.407	ng/ul	99
14) Pentachlorophenol	17.006	266	2555	0.306	ng/ul	99
15) Phenanthrene	17.394	178	32231	0.398	ng/ul	100
16) Anthracene	17.487	178	26814	0.386	ng/ul	99
19) Fluoranthene	19.411	202	37465	0.417	ng/ul	99
20) Pyrene	19.778	202	38451	0.407	ng/ul	100
21) Benzo(a)anthracene	21.525	228	35554	0.405	ng/ul	99
22) Chrysene	21.581	228	36891	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.224	252	39625	0.397	ng/ul	98
25) Benzo(k)fluoranthene	23.273	252	36576	0.390	ng/ul	97
26) Benzo(a)pyrene	23.858	252	32726	0.394	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.497	276	38403	0.373	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.513	278	32106	0.393	ng/ul	98
29) Benzo(g,h,i)perylene	27.275	276	32040	0.389	ng/ul	99

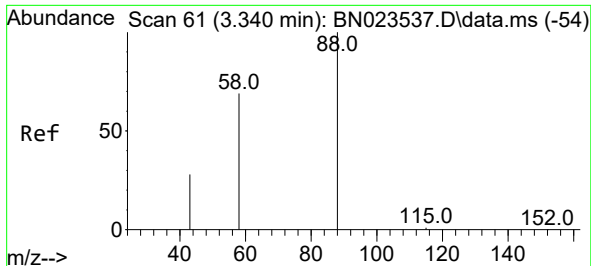
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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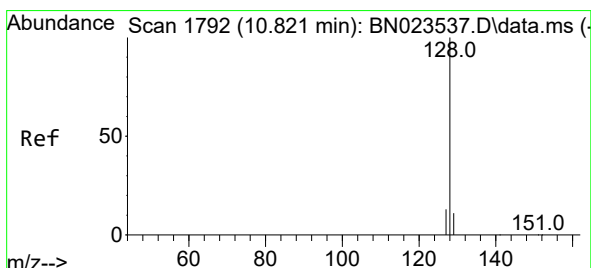
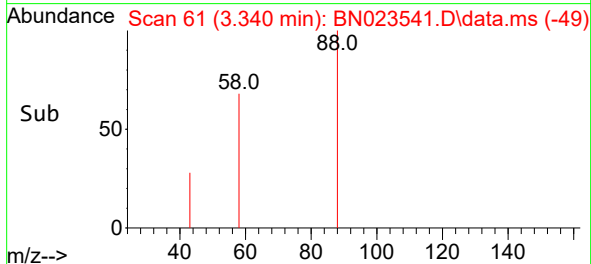
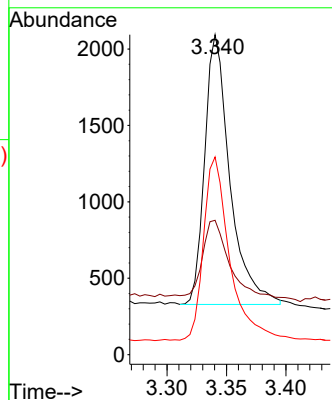
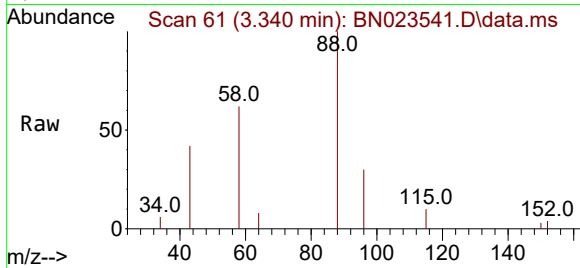




#2
1,4-Dioxane
Concen: 0.355 ng/ul
RT: 3.340 min Scan# 61
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

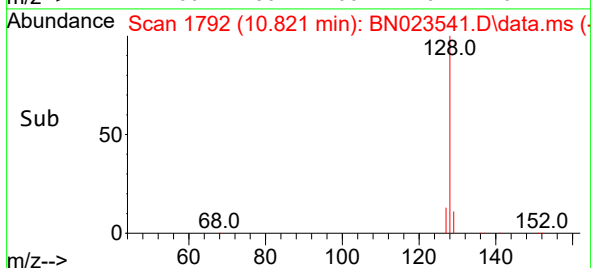
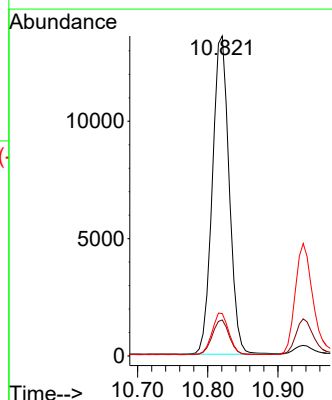
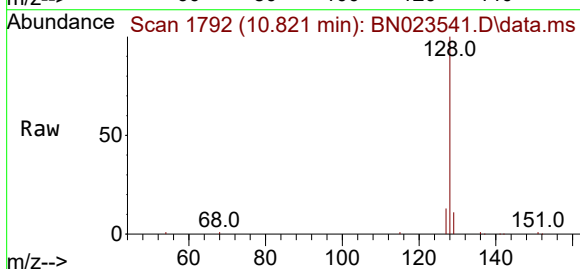
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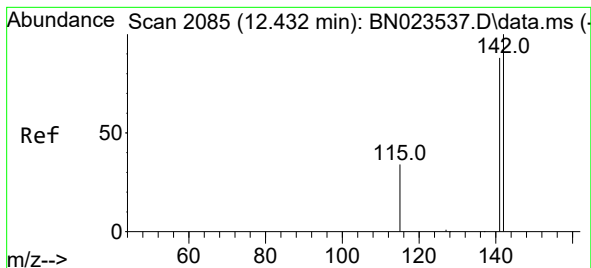
Tgt Ion: 88 Resp: 2594
Ion Ratio Lower Upper
88 100
43 42.0 44.0 66.0#
58 61.8 50.5 75.7



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.821 min Scan# 1792
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion: 128 Resp: 22580
Ion Ratio Lower Upper
128 100
129 11.2 9.3 13.9
127 13.3 10.9 16.3

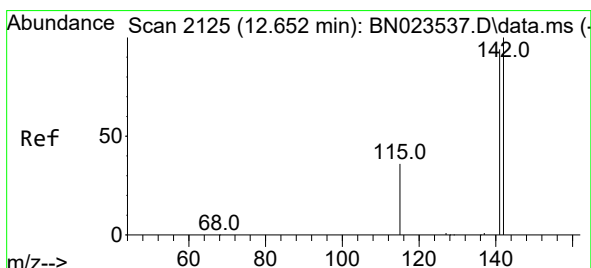
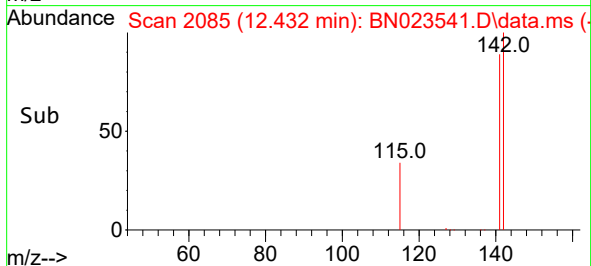
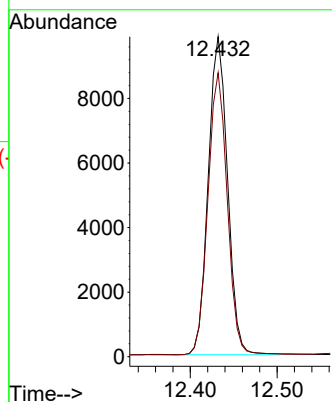
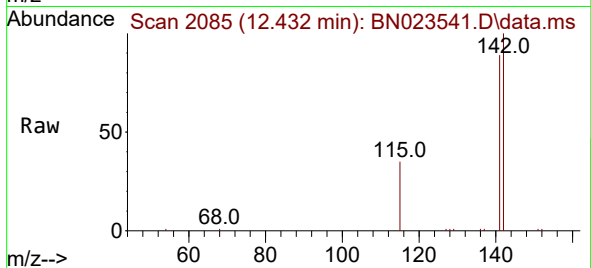




#7
2-Methylnaphthalene
Concen: 0.422 ng/ul
RT: 12.432 min Scan# 2085
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

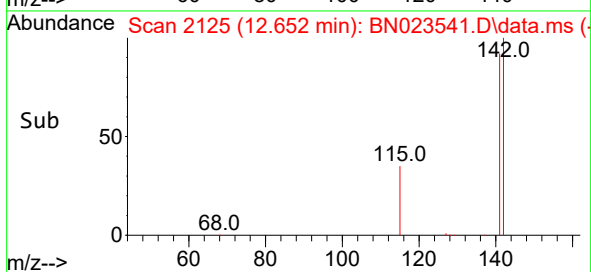
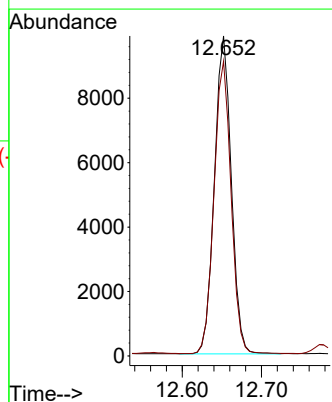
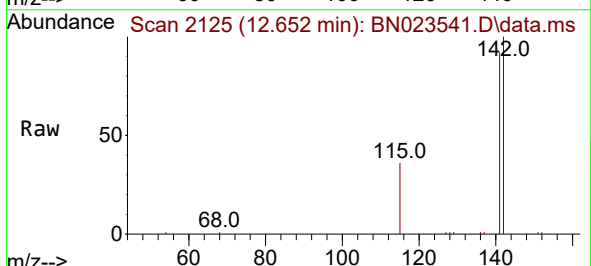
Instrument :
BNA_N
ClientSampleId :
SICV229

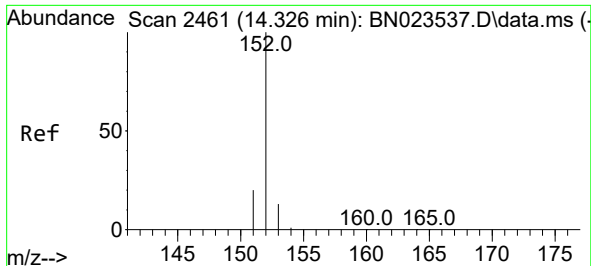
Tgt Ion:142 Resp: 15218
Ion Ratio Lower Upper
142 100
141 88.7 71.4 107.2



#8
1-Methylnaphthalene
Concen: 0.396 ng/ul
RT: 12.652 min Scan# 2125
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:142 Resp: 14620
Ion Ratio Lower Upper
142 100
141 92.6 74.1 111.1

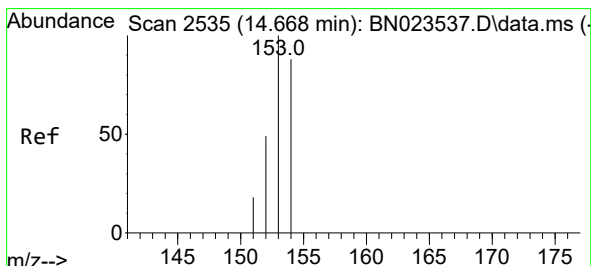
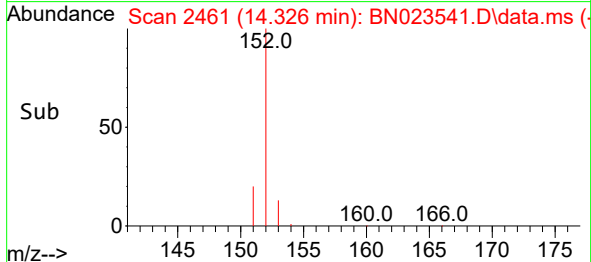
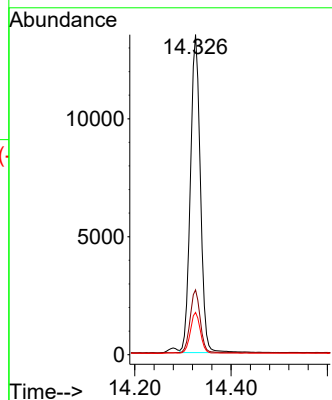
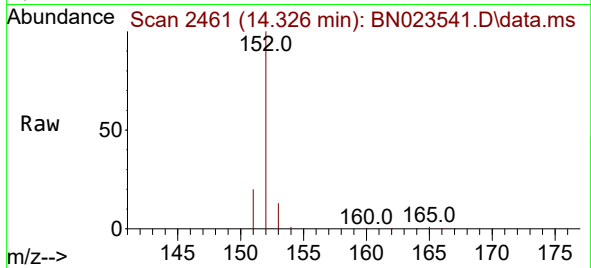




#10
Acenaphthylene
Concen: 0.416 ng/ul
RT: 14.326 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

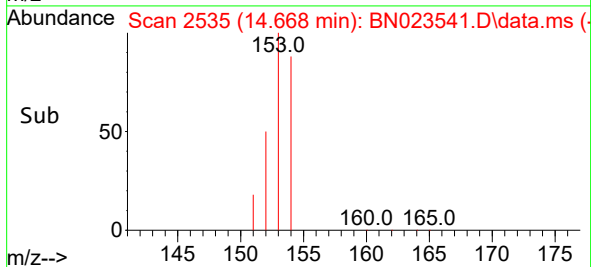
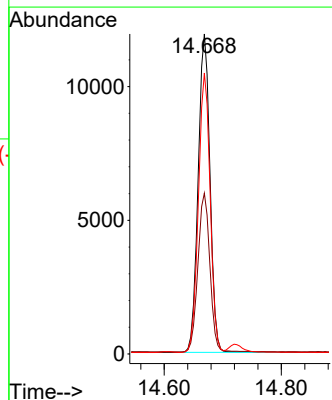
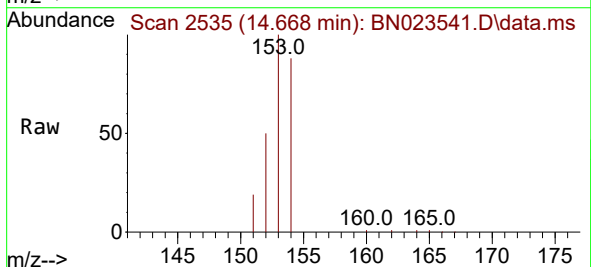
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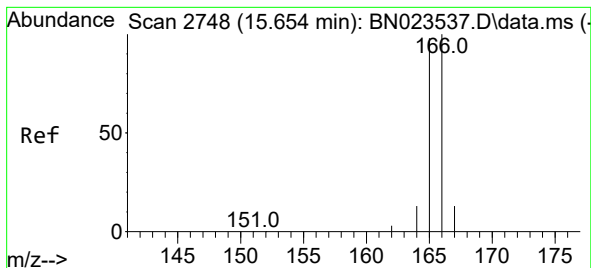
Tgt Ion:152 Resp: 19382
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.2 10.7 16.1



#11
Acenaphthene
Concen: 0.407 ng/ul
RT: 14.668 min Scan# 2535
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:153 Resp: 16685
Ion Ratio Lower Upper
153 100
152 50.2 39.8 59.8
154 87.8 70.1 105.1





#12

Fluorene

Concen: 0.407 ng/ul

RT: 15.654 min Scan# 2748

Delta R.T. -0.000 min

Lab File: BN023541.D

Acq: 03 Jan 2023 17:21

Instrument :

BNA_N

ClientSampleId :

SICV229

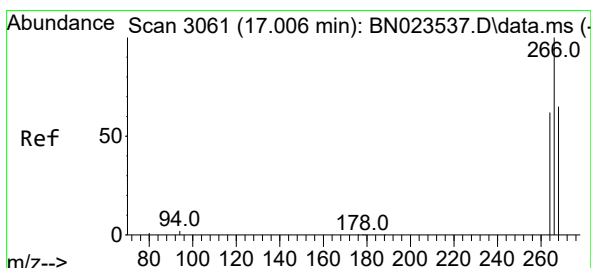
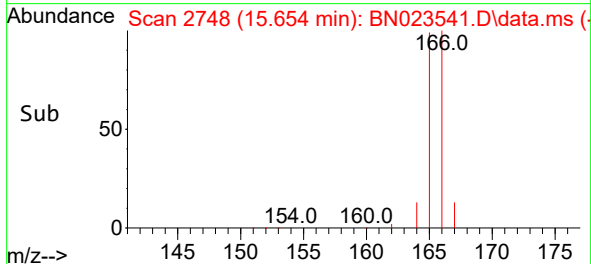
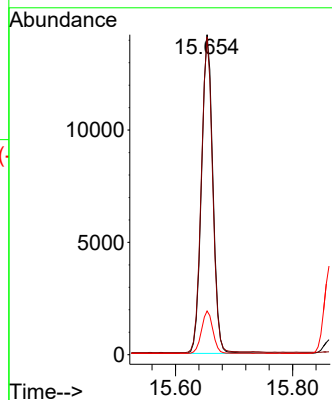
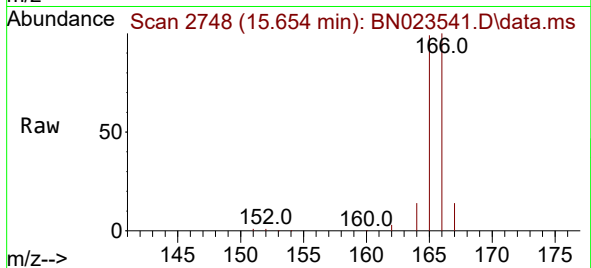
Tgt Ion:166 Resp: 19197

Ion Ratio Lower Upper

166 100

165 99.3 78.7 118.1

167 13.7 11.0 16.6



#14

Pentachlorophenol

Concen: 0.306 ng/ul

RT: 17.006 min Scan# 3061

Delta R.T. -0.000 min

Lab File: BN023541.D

Acq: 03 Jan 2023 17:21

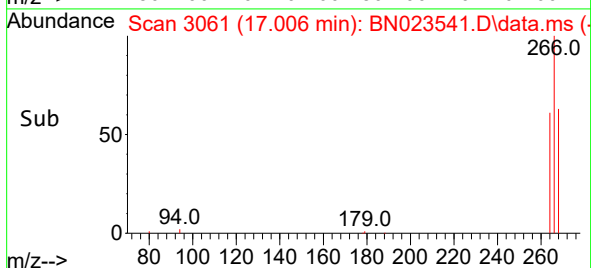
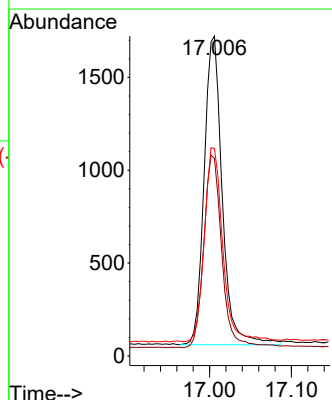
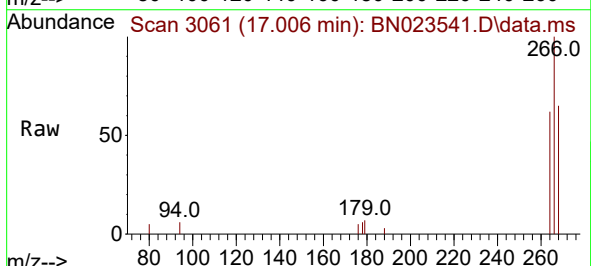
Tgt Ion:266 Resp: 2555

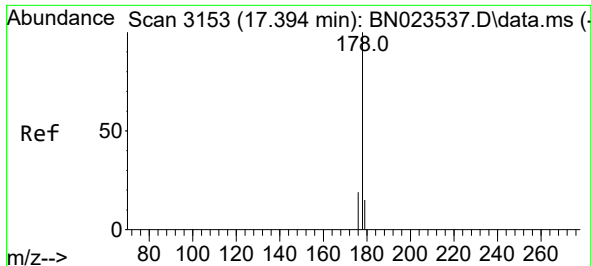
Ion Ratio Lower Upper

266 100

264 62.2 50.0 75.0

268 63.8 51.4 77.0

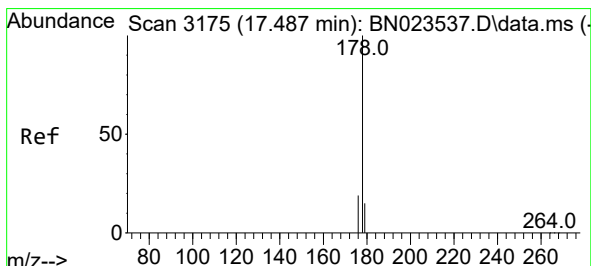
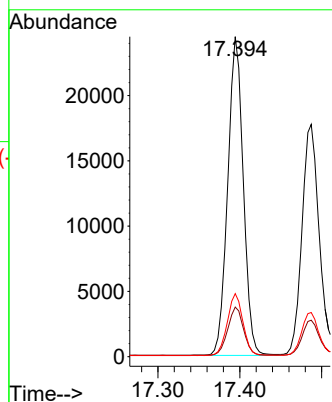
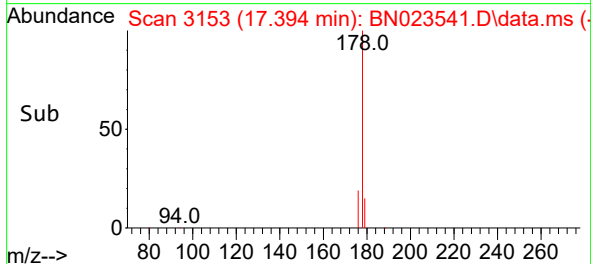
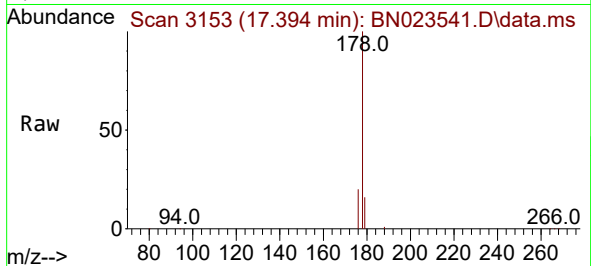




#15
Phenanthrene
Concen: 0.398 ng/ul
RT: 17.394 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

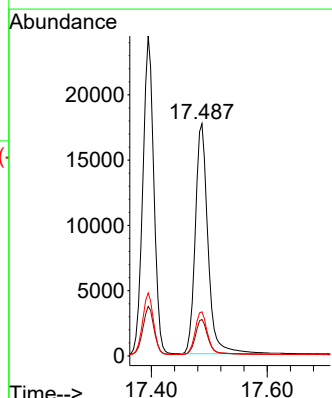
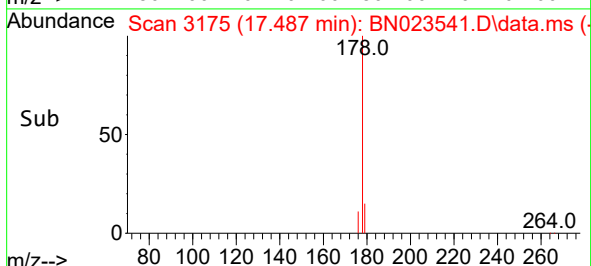
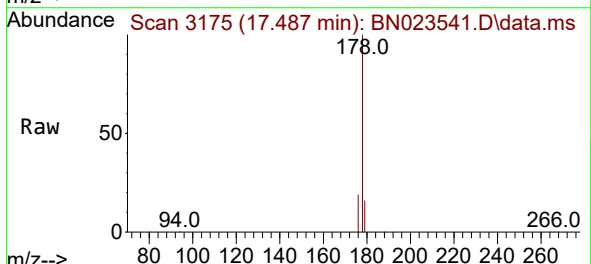
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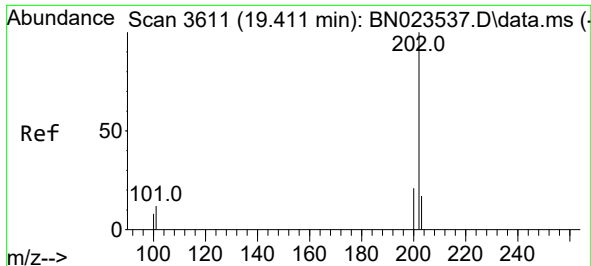
Tgt Ion:178 Resp: 32231
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.7 15.8 23.8



#16
Anthracene
Concen: 0.386 ng/ul
RT: 17.487 min Scan# 3175
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:178 Resp: 26814
Ion Ratio Lower Upper
178 100
179 15.7 12.7 19.1
176 19.0 15.4 23.2

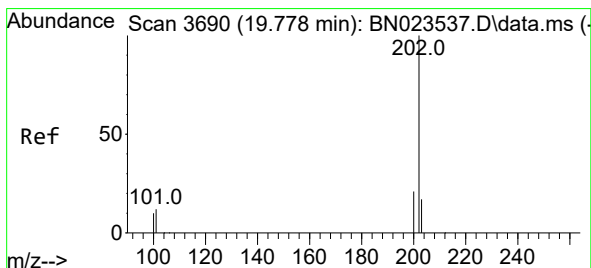
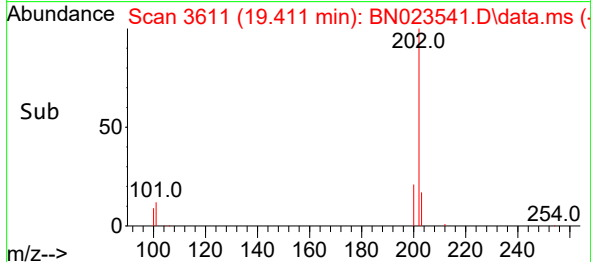
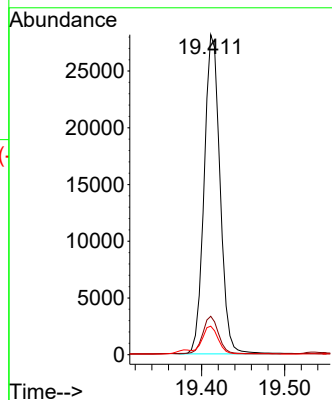
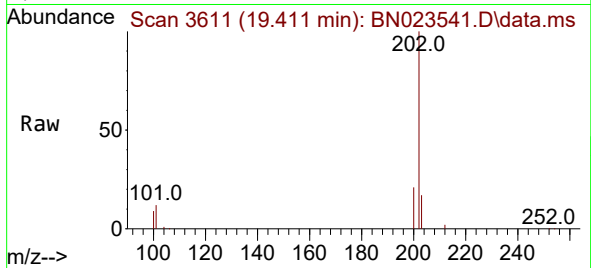




#19
Fluoranthene
Concen: 0.417 ng/ul
RT: 19.411 min Scan# 3611
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

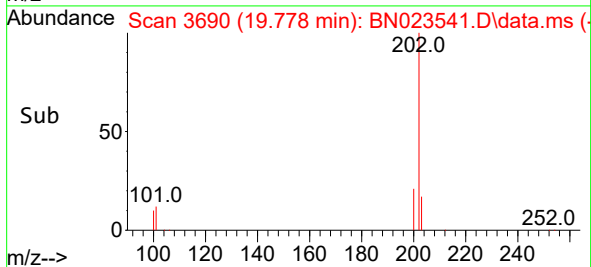
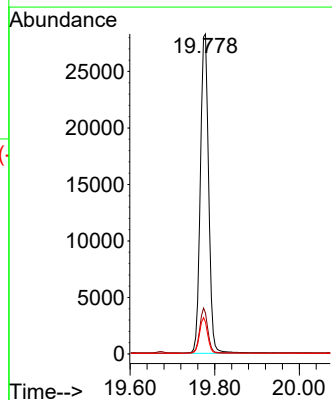
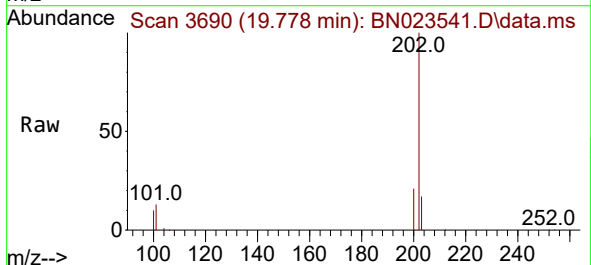
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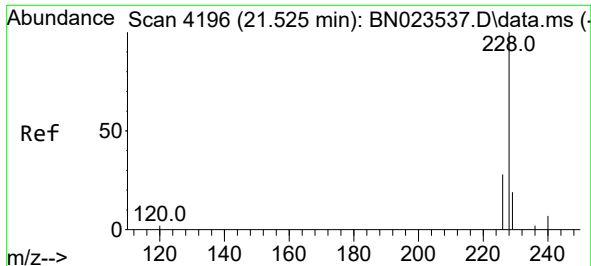
Tgt Ion:202 Resp: 37465
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 8.9 7.4 11.2



#20
Pyrene
Concen: 0.407 ng/ul
RT: 19.778 min Scan# 3690
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:202 Resp: 38451
Ion Ratio Lower Upper
202 100
101 12.8 10.3 15.5
100 10.0 8.0 12.0

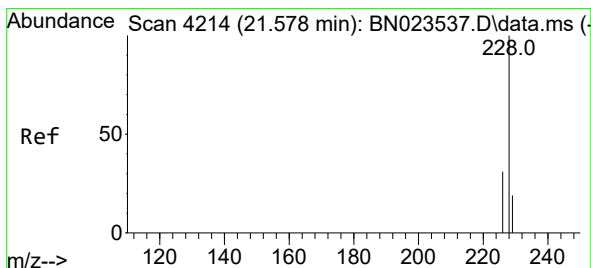
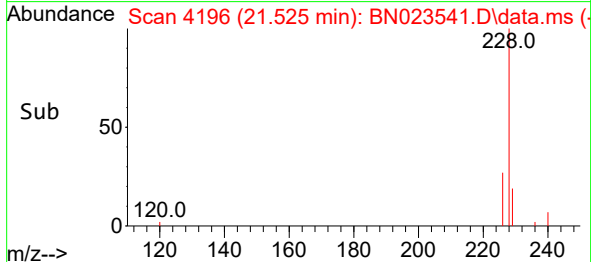
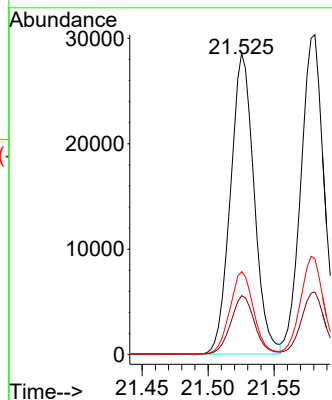
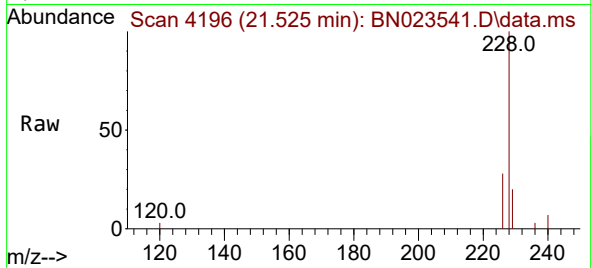




#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.525 min Scan# 4196
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

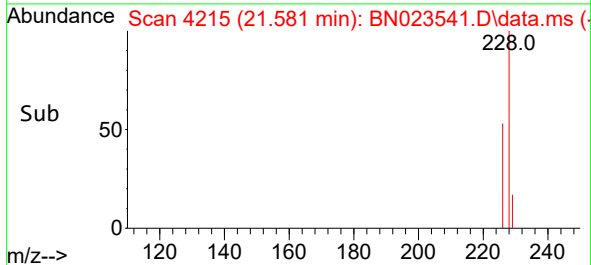
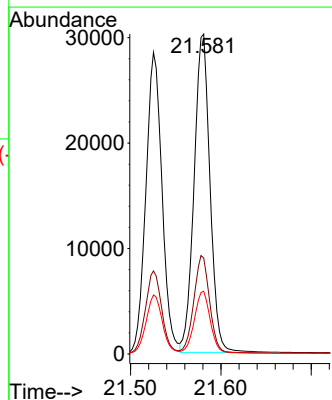
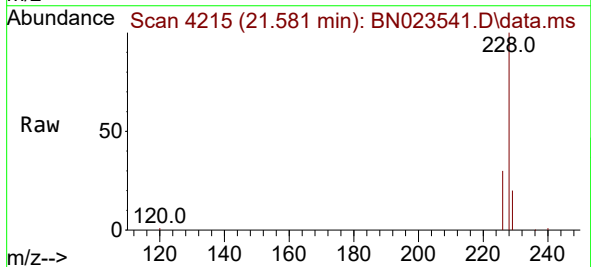
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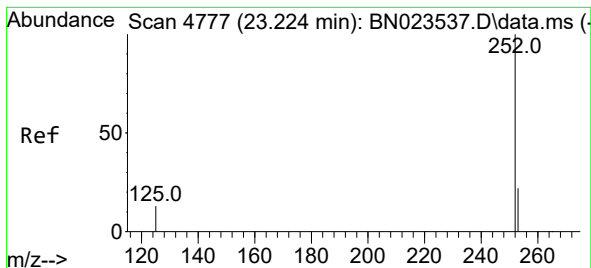
Tgt Ion:228 Resp: 35554
Ion Ratio Lower Upper
228 100
229 19.6 15.5 23.3
226 27.5 22.4 33.6



#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.581 min Scan# 4215
Delta R.T. 0.003 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:228 Resp: 36891
Ion Ratio Lower Upper
228 100
226 30.0 24.9 37.3
229 19.6 15.8 23.6





#24

Benzo(b)fluoranthene

Concen: 0.397 ng/ul

RT: 23.224 min Scan# 4777

Delta R.T. -0.000 min

Lab File: BN023541.D

Acq: 03 Jan 2023 17:21

Instrument :

BNA_N

ClientSampleId :

SICV229

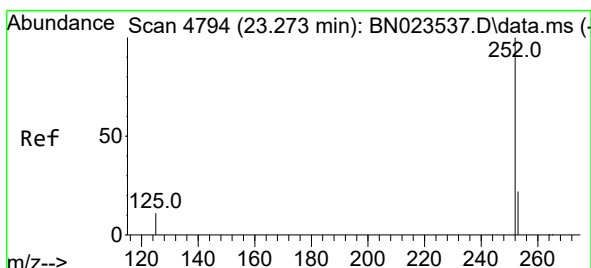
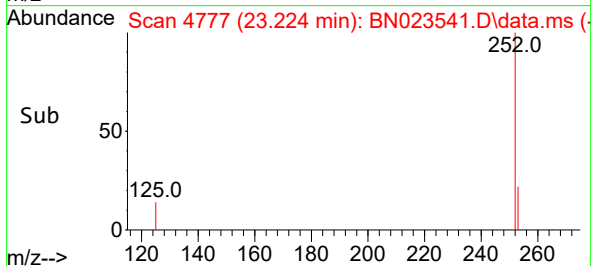
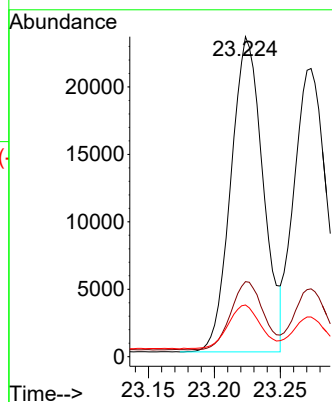
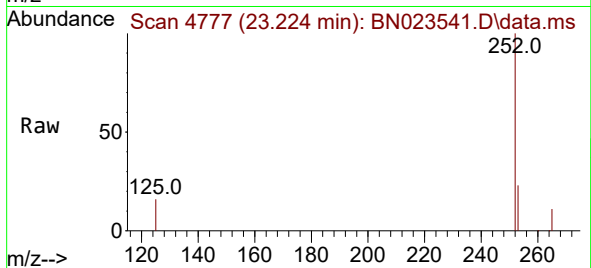
Tgt Ion:252 Resp: 39625

Ion Ratio Lower Upper

252 100

253 23.5 0.0 49.2

125 16.2 0.0 34.2



#25

Benzo(k)fluoranthene

Concen: 0.390 ng/ul

RT: 23.273 min Scan# 4794

Delta R.T. -0.000 min

Lab File: BN023541.D

Acq: 03 Jan 2023 17:21

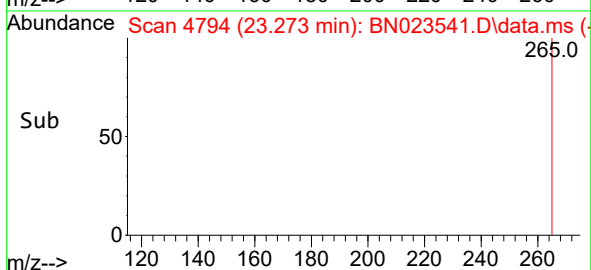
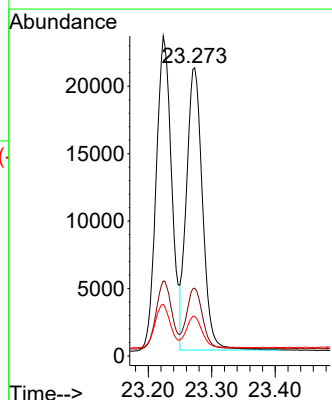
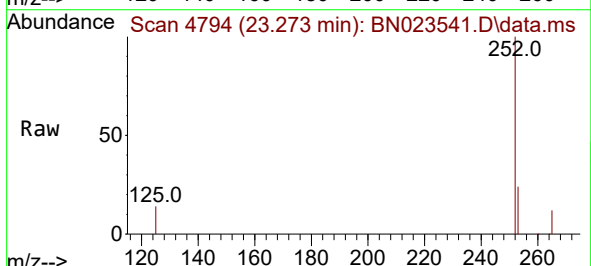
Tgt Ion:252 Resp: 36576

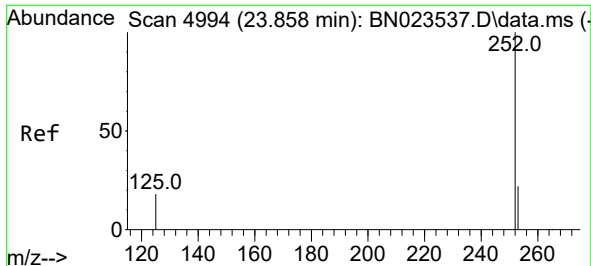
Ion Ratio Lower Upper

252 100

253 23.6 20.2 30.2

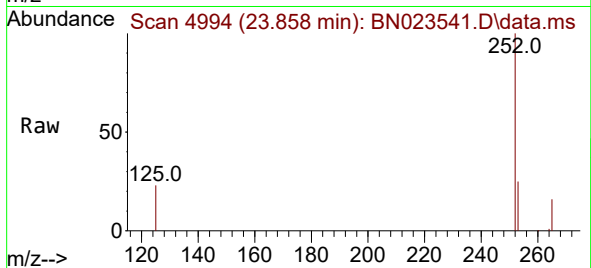
125 13.8 12.1 18.1



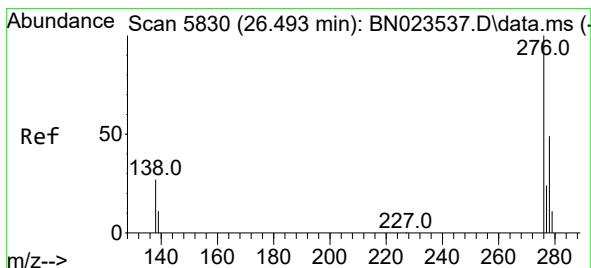
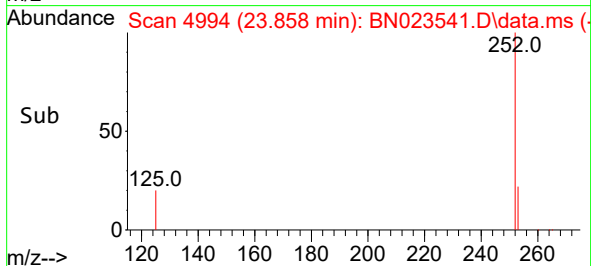
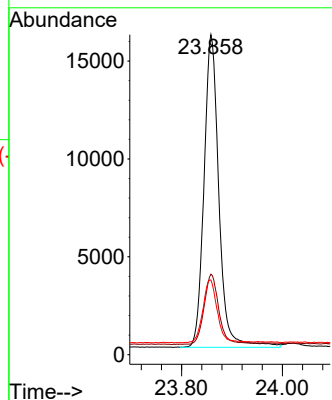


#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.858 min Scan# 4994
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SICV229

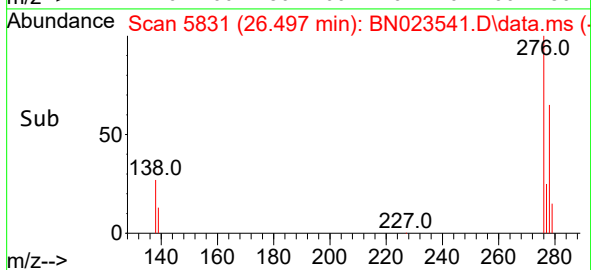
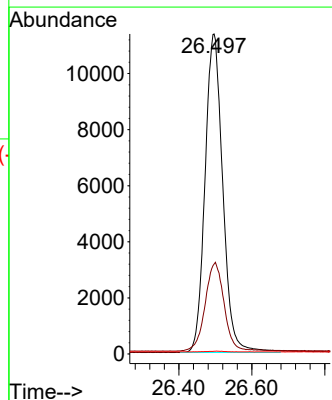
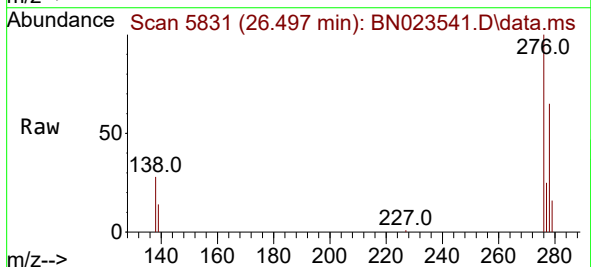


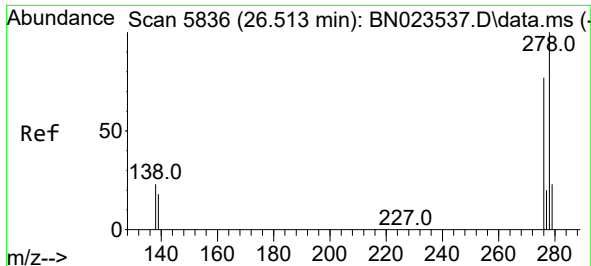
Tgt Ion:252 Resp: 32726
Ion Ratio Lower Upper
252 100
253 25.2 21.4 32.0
125 23.3 18.4 27.6



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.373 ng/ul
RT: 26.497 min Scan# 5831
Delta R.T. 0.003 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:276 Resp: 38403
Ion Ratio Lower Upper
276 100
138 29.8 23.2 34.8
227 0.2 0.1 0.1#

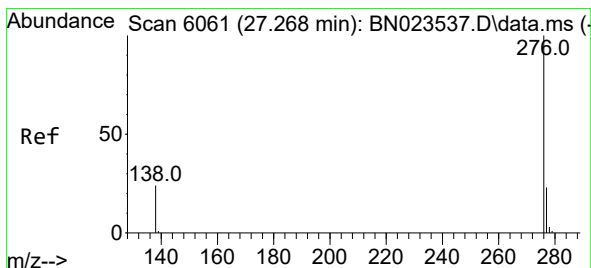
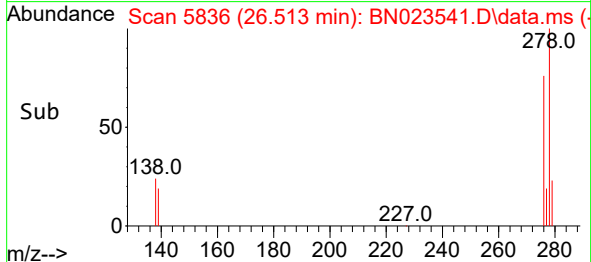
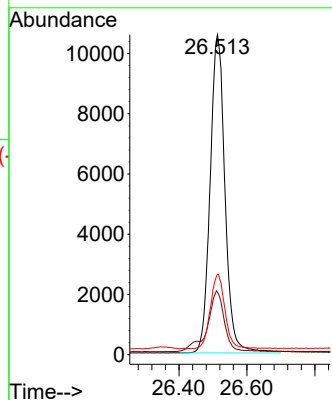
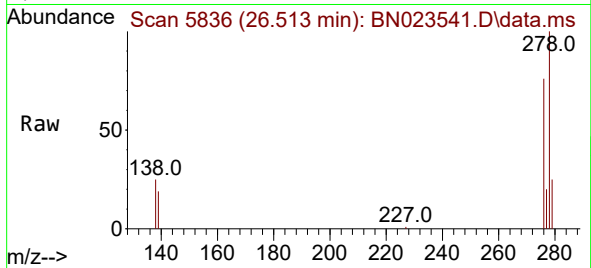




#28
Dibenzo(a,h)anthracene
Concen: 0.393 ng/ul
RT: 26.513 min Scan# 5836
Delta R.T. -0.000 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Instrument :
BNA_N
ClientSampleId :
SICV229

Tgt Ion:278 Resp: 32106
Ion Ratio Lower Upper
278 100
139 19.5 16.5 24.7
279 25.2 21.0 31.4



#29
Benzo(g,h,i)perylene
Concen: 0.389 ng/ul
RT: 27.275 min Scan# 6063
Delta R.T. 0.007 min
Lab File: BN023541.D
Acq: 03 Jan 2023 17:21

Tgt Ion:276 Resp: 32040
Ion Ratio Lower Upper
276 100
138 24.6 20.7 31.1
277 24.5 19.6 29.4

