

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071223\
 Data File : BN026481.D
 Acq On : 12 Jul 2023 19:50
 Operator : MA/JU
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SICV236

Quant Time: Jul 13 04:35:54 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 04:33:34 2023
 Response via : Initial Calibration

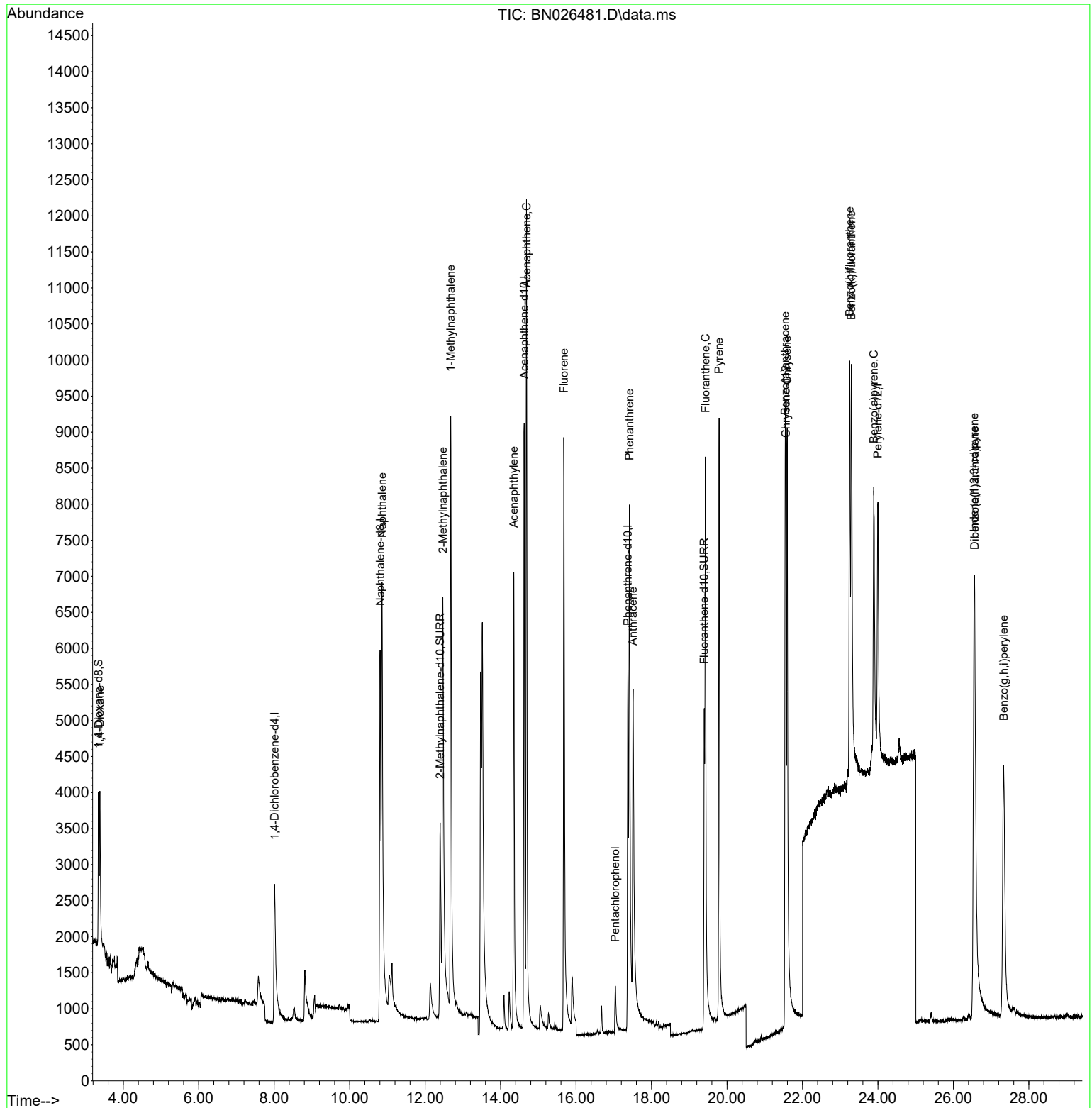
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	2355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.809	136	11219	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.626	164	5537	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.372	188	8207	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.558	240	5798	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	6145	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.343	96	1736	0.560	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.398	152	5556	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.396	212	6779	0.337	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	1641	0.559	ng/ul	97
5) Naphthalene	10.858	128	12218	0.397	ng/ul	99
7) 2-Methylnaphthalene	12.469	142	6572	0.376	ng/ul	100
8) 1-Methylnaphthalene	12.678	142	7279	0.389	ng/ul	100
10) Acenaphthylene	14.348	152	9901	0.365	ng/ul	99
11) Acenaphthene	14.686	153	8194	0.397	ng/ul	99
12) Fluorene	15.676	166	7673	0.354	ng/ul	100
14) Pentachlorophenol	17.039	266	692	0.334	ng/ul	99
15) Phenanthrene	17.414	178	10096	0.386	ng/ul	100
16) Anthracene	17.511	178	8457	0.373	ng/ul	100
19) Fluoranthene	19.428	202	8896	0.327	ng/ul	99
20) Pyrene	19.791	202	9846	0.334	ng/ul	98
21) Benzo(a)anthracene	21.540	228	8088	0.380	ng/ul	99
22) Chrysene	21.593	228	9528	0.393	ng/ul	99
24) Benzo(b)fluoranthene	23.250	252	9429	0.394	ng/ul	96
25) Benzo(k)fluoranthene	23.297	252	9756	0.389	ng/ul#	97
26) Benzo(a)pyrene	23.888	252	8688	0.408	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.551	276	11465	0.410	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.564	278	8892	0.415	ng/ul	98
29) Benzo(g,h,i)perylene	27.332	276	10147	0.411	ng/ul	99

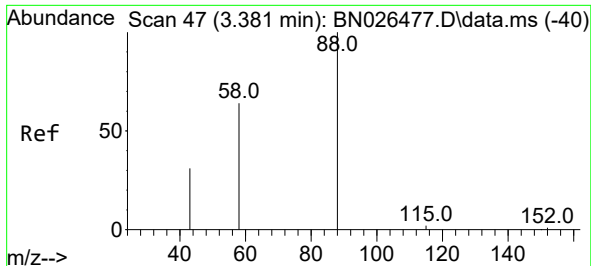
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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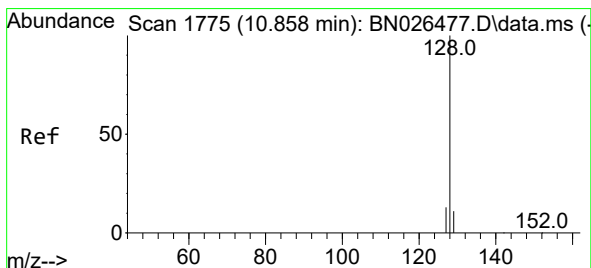
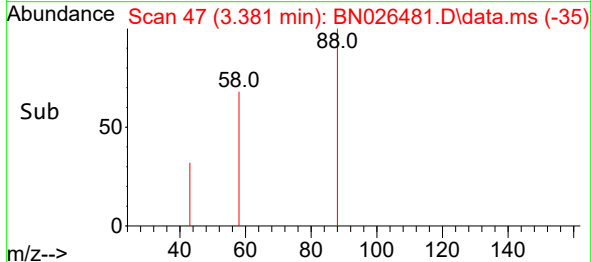
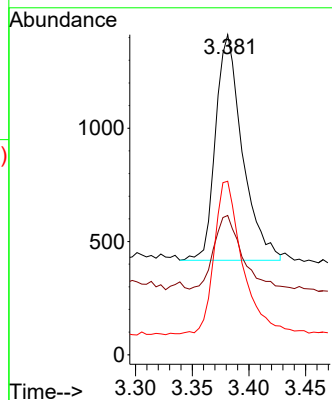
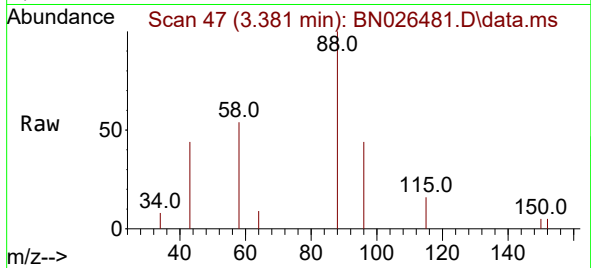




#2
 1,4-Dioxane
 Concen: 0.559 ng/ul
 RT: 3.381 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: BN026481.D
 Acq: 12 Jul 2023 19:50

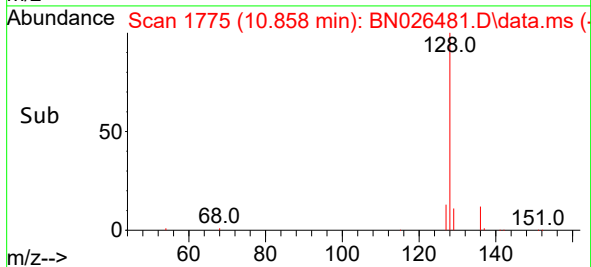
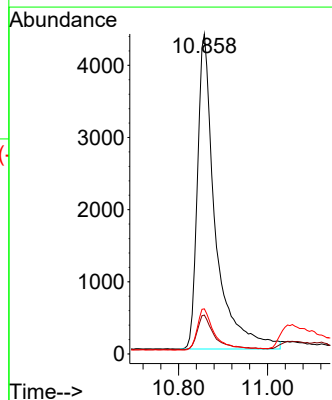
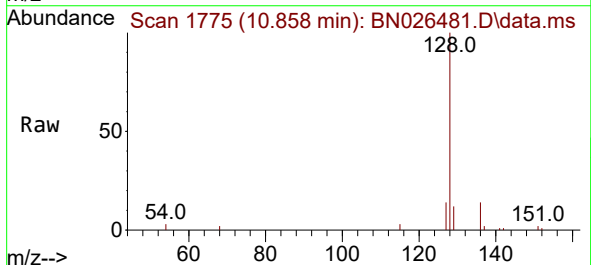
Instrument :
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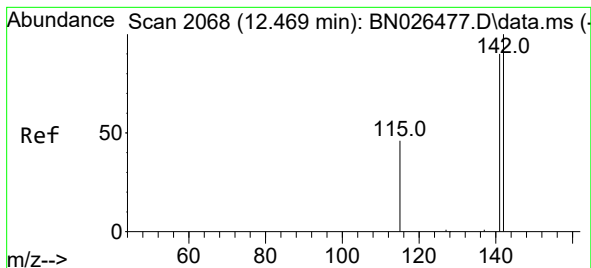
Tgt Ion: 88 Resp: 1641
 Ion Ratio Lower Upper
 88 100
 43 43.5 33.0 49.6
 58 54.2 41.7 62.5



#5
 Naphthalene
 Concen: 0.397 ng/ul
 RT: 10.858 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: BN026481.D
 Acq: 12 Jul 2023 19:50

Tgt Ion: 128 Resp: 12218
 Ion Ratio Lower Upper
 128 100
 129 12.1 10.2 15.2
 127 14.1 11.4 17.0

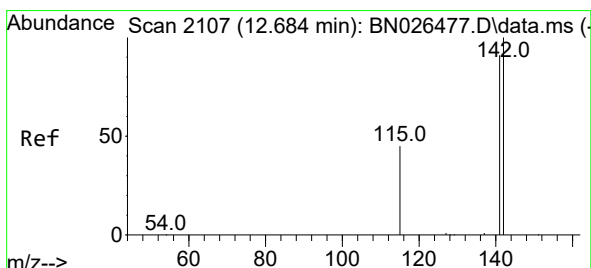
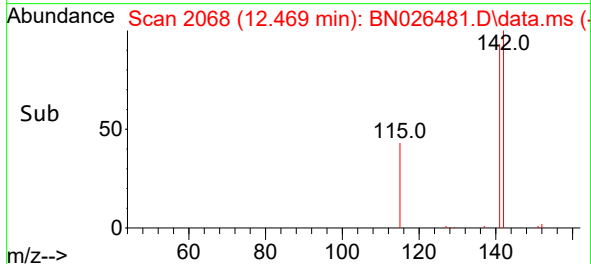
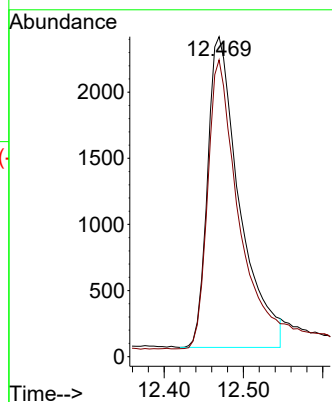
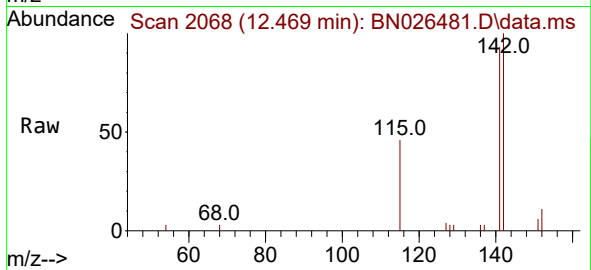




#7
2-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

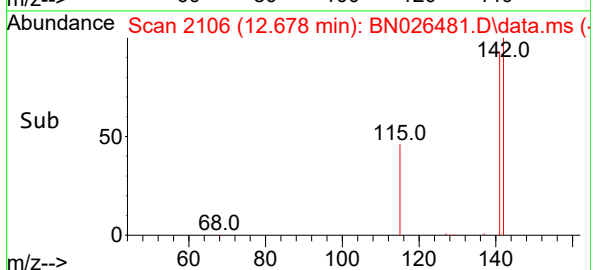
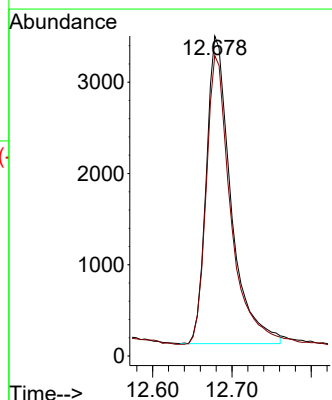
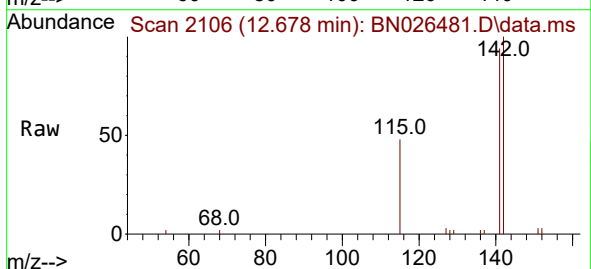
Instrument :
BNA_N
ClientSampleId :
SICV236

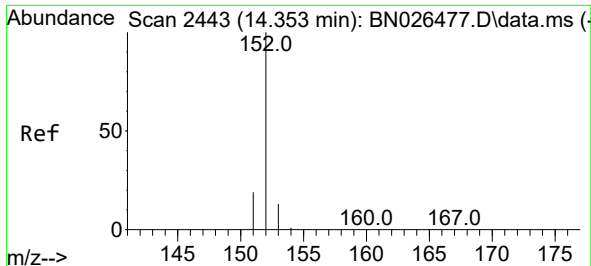
Tgt Ion:142 Resp: 6572
Ion Ratio Lower Upper
142 100
141 90.3 72.3 108.5



#8
1-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.678 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:142 Resp: 7279
Ion Ratio Lower Upper
142 100
141 93.3 74.5 111.7

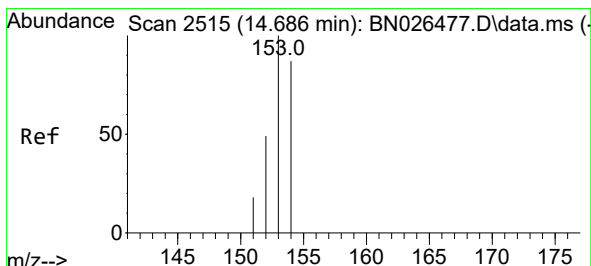
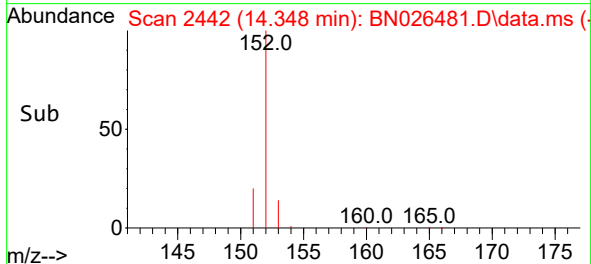
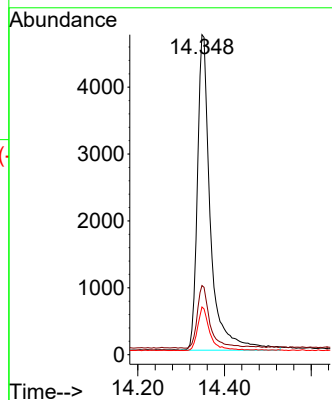
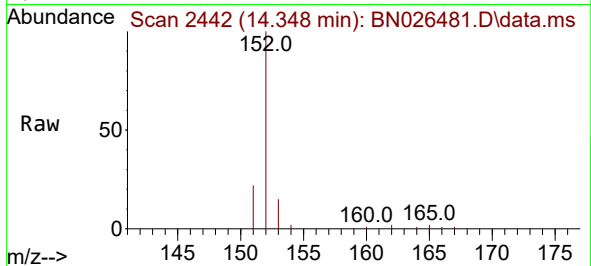




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.348 min Scan# 2442
Delta R.T. -0.005 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

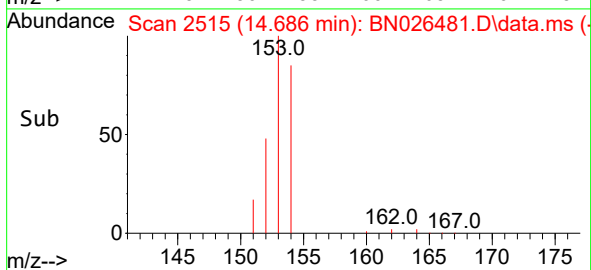
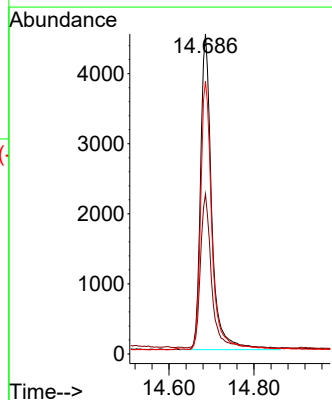
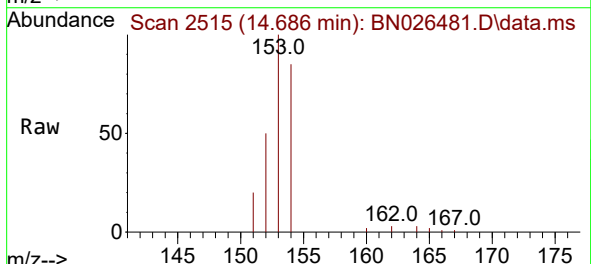
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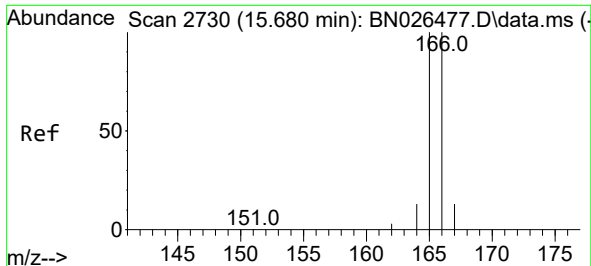
Tgt Ion:152 Resp: 9901
Ion Ratio Lower Upper
152 100
151 21.6 17.0 25.6
153 14.9 11.4 17.2



#11
Acenaphthene
Concen: 0.397 ng/ul
RT: 14.686 min Scan# 2515
Delta R.T. -0.000 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:153 Resp: 8194
Ion Ratio Lower Upper
153 100
152 50.0 40.2 60.4
154 85.2 69.3 103.9

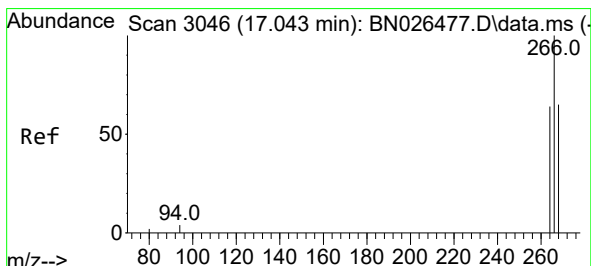
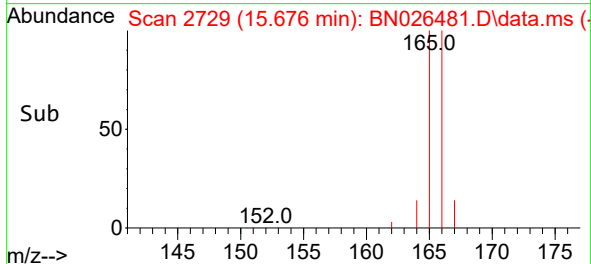
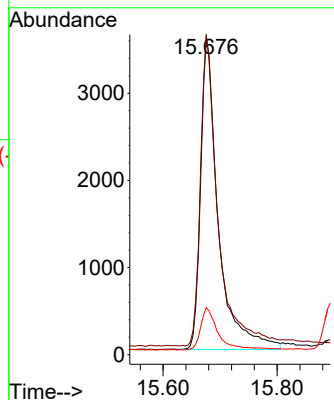
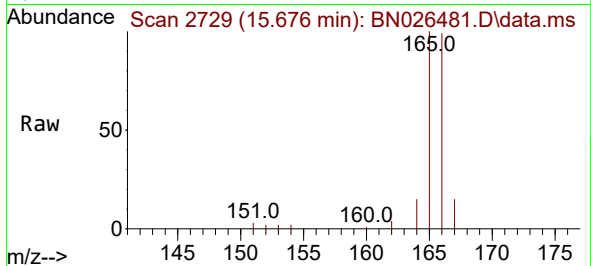




#12
 Fluorene
 Concen: 0.354 ng/ul
 RT: 15.676 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BN026481.D
 Acq: 12 Jul 2023 19:50

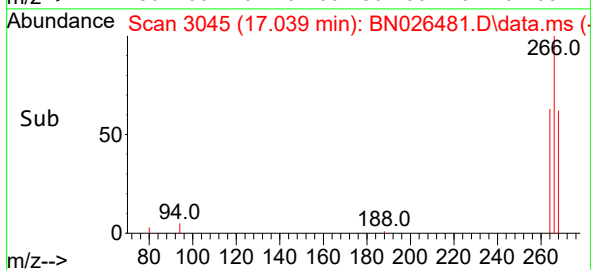
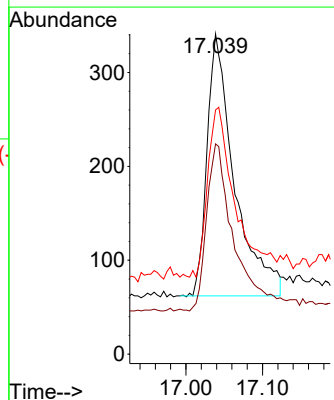
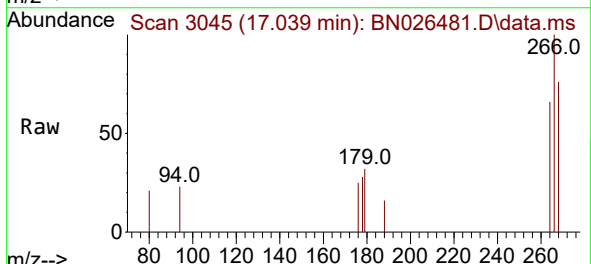
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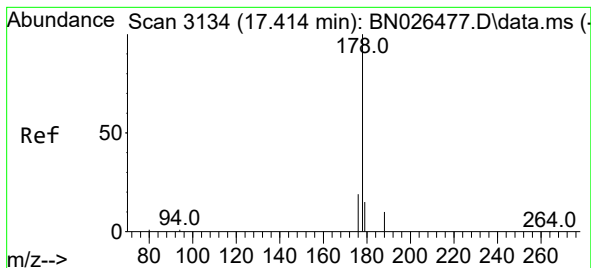
Tgt Ion:166 Resp: 7673
 Ion Ratio Lower Upper
 166 100
 165 100.9 80.6 120.8
 167 14.8 12.0 18.0



#14
 Pentachlorophenol
 Concen: 0.334 ng/ul
 RT: 17.039 min Scan# 3045
 Delta R.T. -0.004 min
 Lab File: BN026481.D
 Acq: 12 Jul 2023 19:50

Tgt Ion:266 Resp: 692
 Ion Ratio Lower Upper
 266 100
 264 64.2 52.0 78.0
 268 65.6 53.0 79.6





#15

Phenanthrene

Concen: 0.386 ng/ul

RT: 17.414 min Scan# 3134

Delta R.T. -0.000 min

Lab File: BN026481.D

Acq: 12 Jul 2023 19:50

Instrument :

BNA_N

ClientSampleId :

SICV236

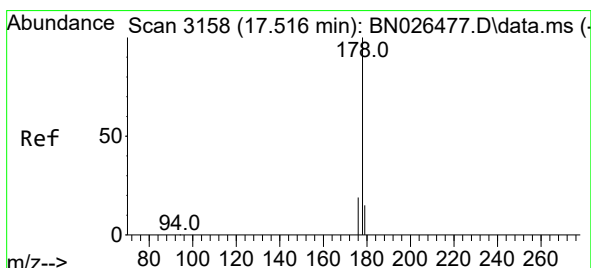
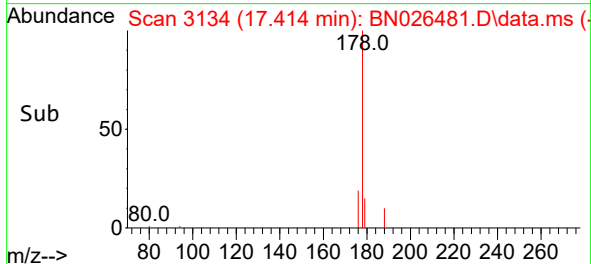
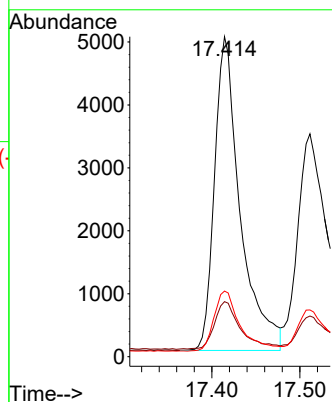
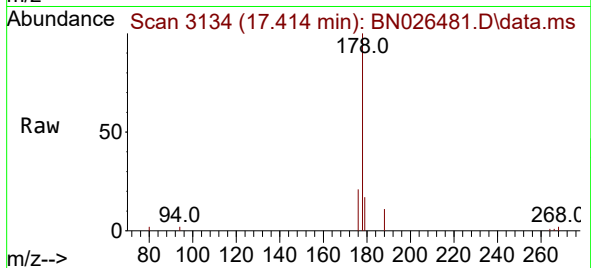
Tgt Ion:178 Resp: 10096

Ion Ratio Lower Upper

178 100

179 17.2 13.7 20.5

176 20.5 16.5 24.7



#16

Anthracene

Concen: 0.373 ng/ul

RT: 17.511 min Scan# 3157

Delta R.T. -0.004 min

Lab File: BN026481.D

Acq: 12 Jul 2023 19:50

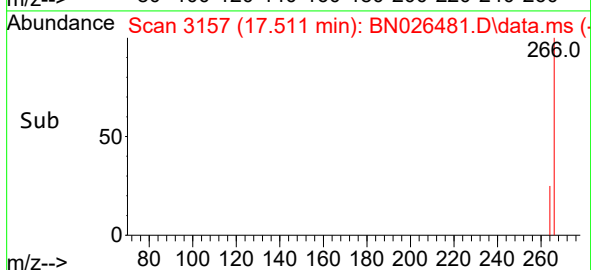
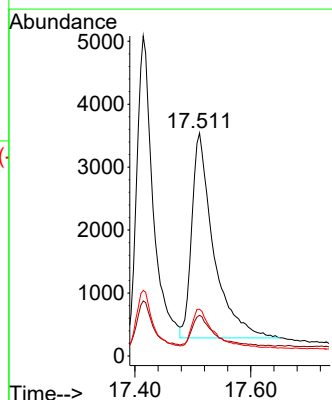
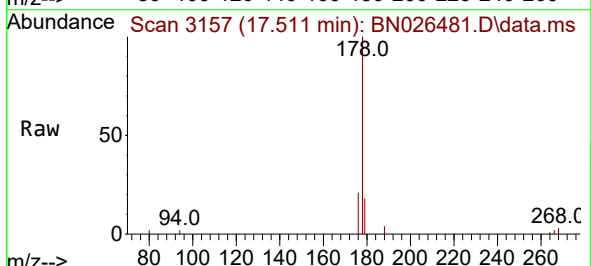
Tgt Ion:178 Resp: 8457

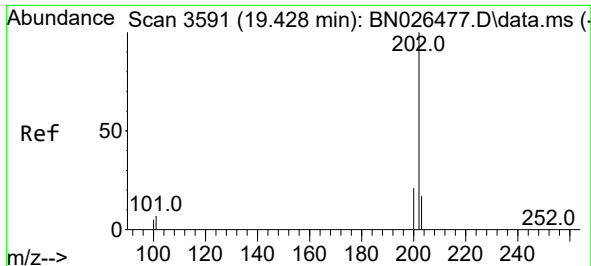
Ion Ratio Lower Upper

178 100

179 18.2 14.8 22.2

176 21.0 16.6 25.0

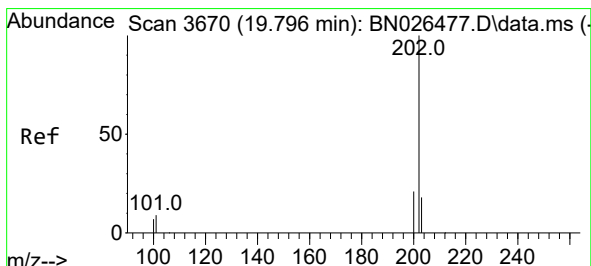
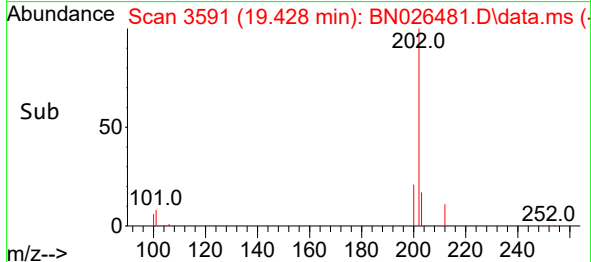
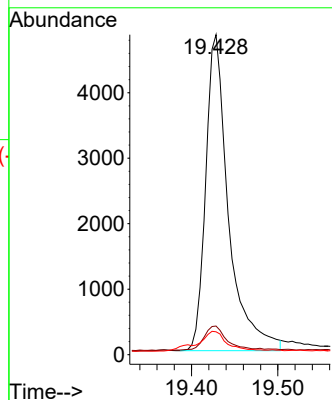
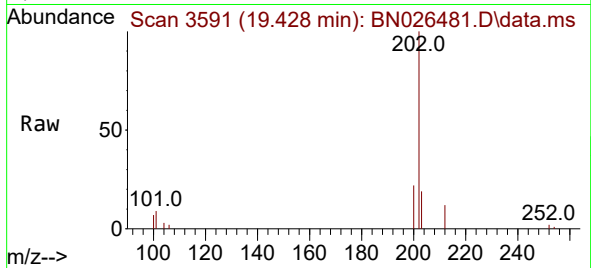




#19
Fluoranthene
Concen: 0.327 ng/ul
RT: 19.428 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

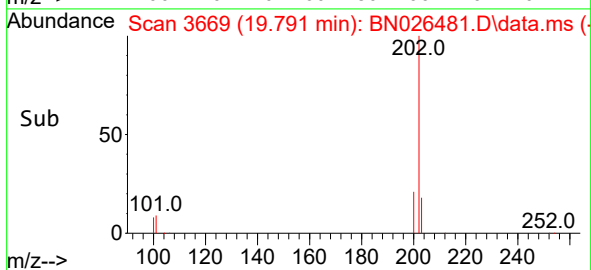
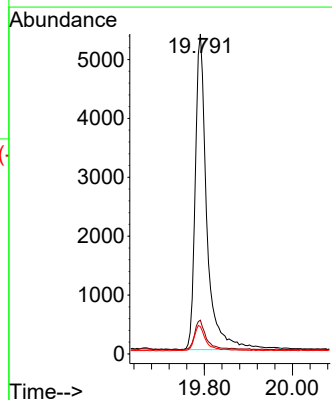
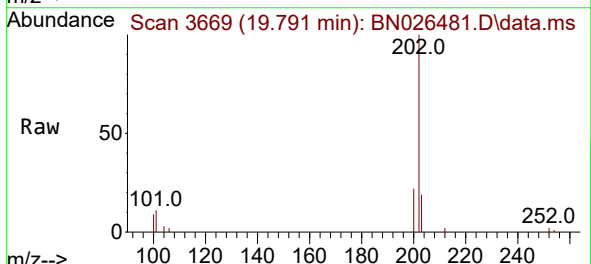
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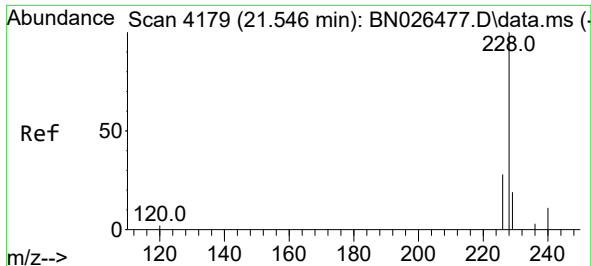
Tgt Ion:202 Resp: 8896
Ion Ratio Lower Upper
202 100
101 8.9 7.0 10.4
100 7.2 6.0 9.0



#20
Pyrene
Concen: 0.334 ng/ul
RT: 19.791 min Scan# 3669
Delta R.T. -0.005 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

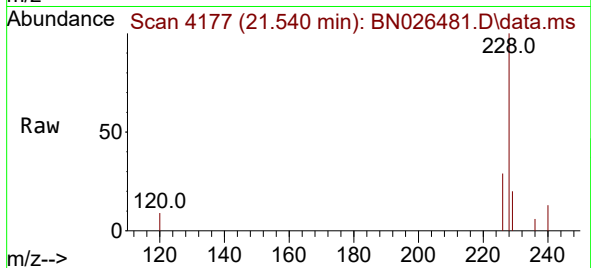
Tgt Ion:202 Resp: 9846
Ion Ratio Lower Upper
202 100
101 10.5 8.0 12.0
100 8.6 6.2 9.2



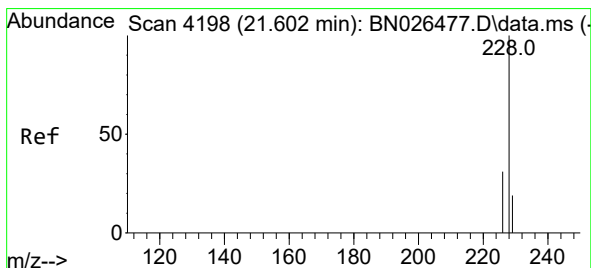
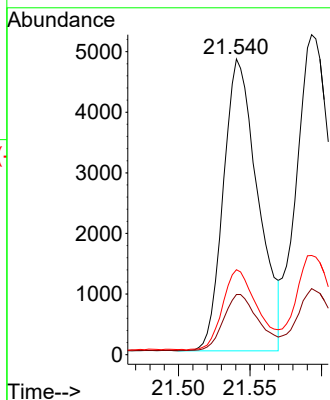
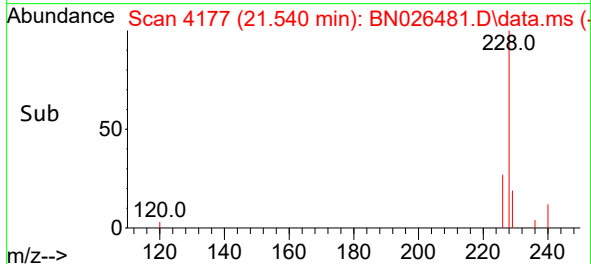


#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.540 min Scan# 4179
Delta R.T. -0.006 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Instrument :
BNA_N
ClientSampleId :
SICV236

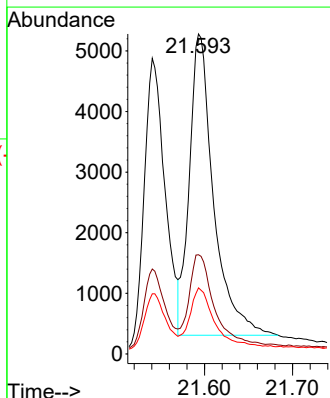
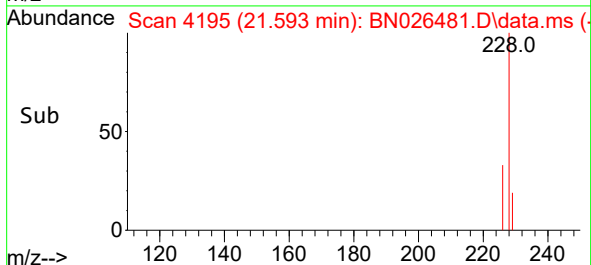
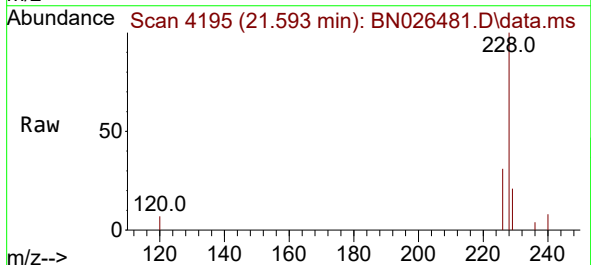


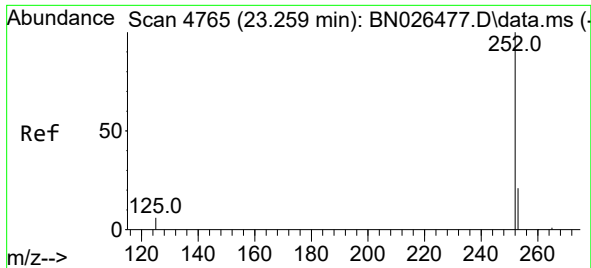
Tgt Ion:228 Resp: 8088
Ion Ratio Lower Upper
228 100
229 20.4 16.7 25.1
226 28.7 23.5 35.3



#22
Chrysene
Concen: 0.393 ng/ul
RT: 21.593 min Scan# 4195
Delta R.T. -0.009 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:228 Resp: 9528
Ion Ratio Lower Upper
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226 31.0 25.2 37.8
229 20.7 16.4 24.6

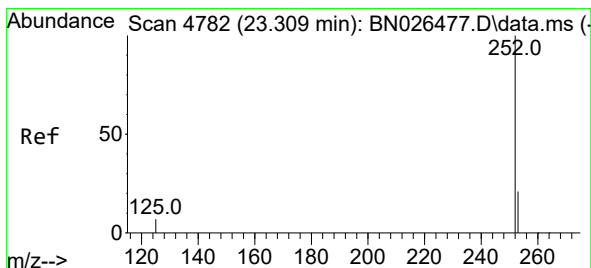
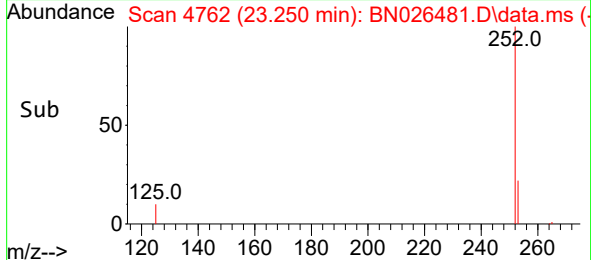
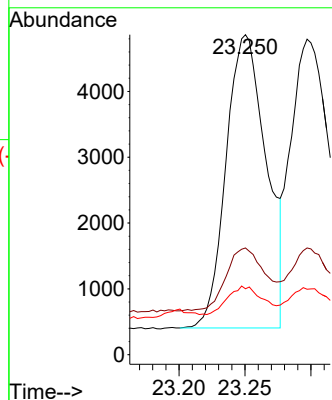
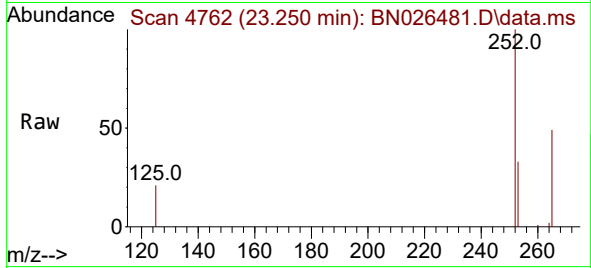




#24
Benzo(b)fluoranthene
Concen: 0.394 ng/ul
RT: 23.250 min Scan# 4765
Delta R.T. -0.009 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

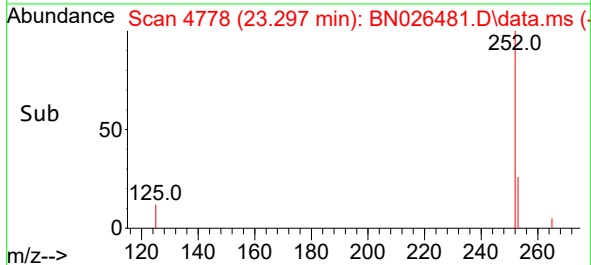
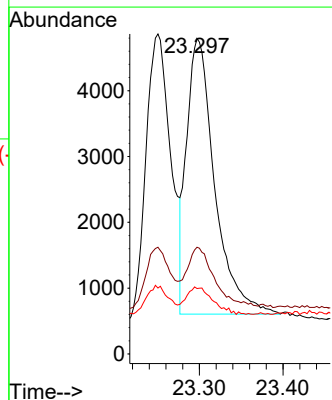
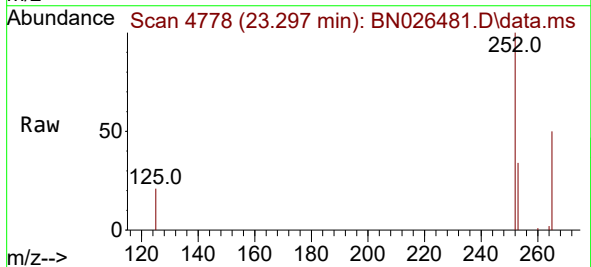
Instrument :
BNA_N
ClientSampleId :
SICV236

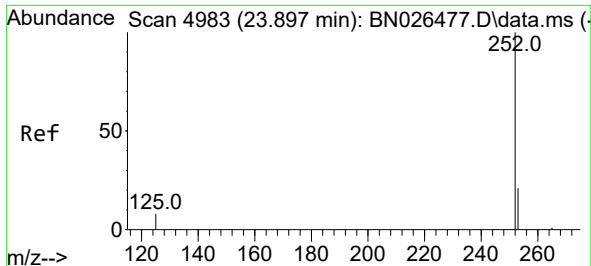
Tgt Ion:252 Resp: 9429
Ion Ratio Lower Upper
252 100
253 33.3 0.0 68.6
125 20.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.389 ng/ul
RT: 23.297 min Scan# 4778
Delta R.T. -0.012 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:252 Resp: 9756
Ion Ratio Lower Upper
252 100
253 33.8 27.2 40.8
125 20.8 13.4 20.2#

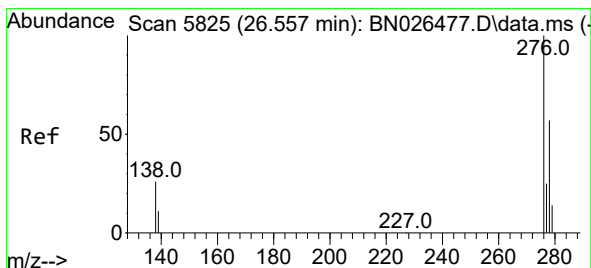
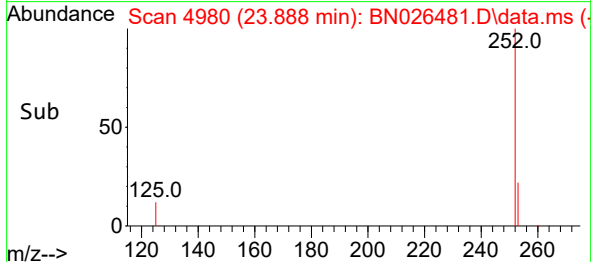
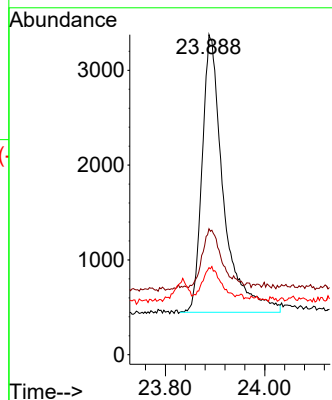
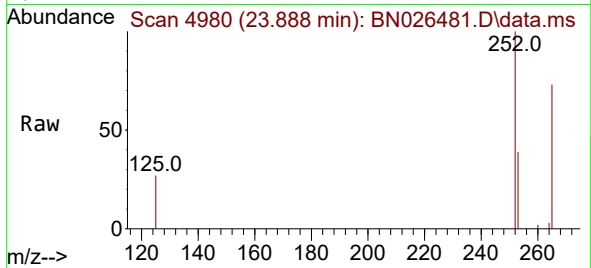




#26
Benzo(a)pyrene
Concen: 0.408 ng/ul
RT: 23.888 min Scan# 4980
Delta R.T. -0.009 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

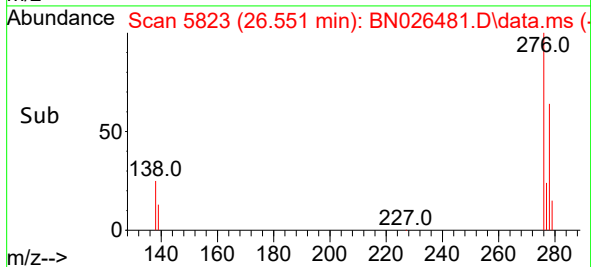
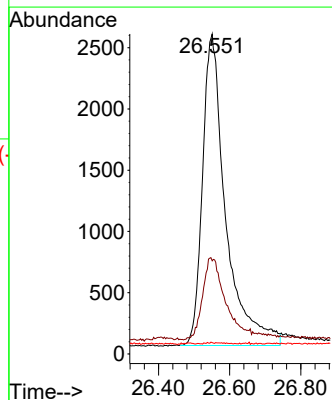
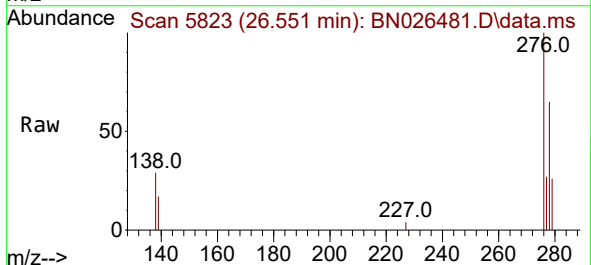
Instrument :
BNA_N
ClientSampleId :
SICV236

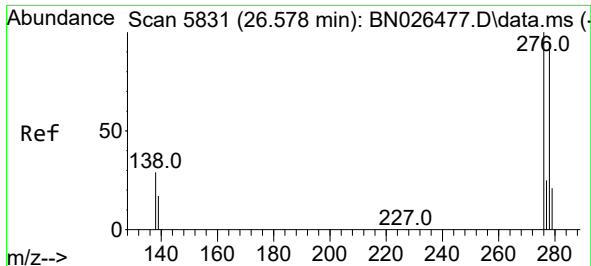
Tgt Ion:252 Resp: 8688
Ion Ratio Lower Upper
252 100
253 39.4 32.6 49.0
125 27.2 19.3 28.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.410 ng/ul
RT: 26.551 min Scan# 5823
Delta R.T. -0.007 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:276 Resp: 11465
Ion Ratio Lower Upper
276 100
138 27.9 22.2 33.4
227 0.1 0.1 0.1#

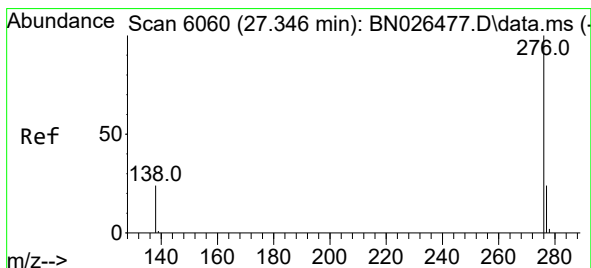
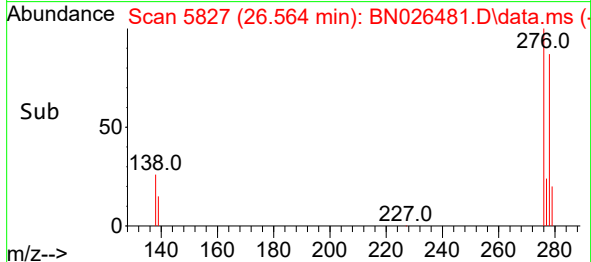
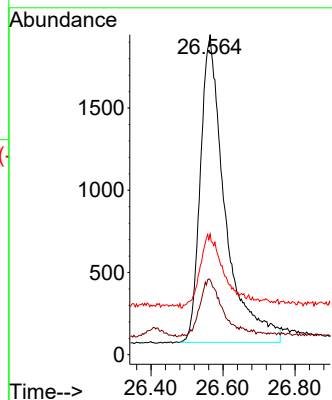
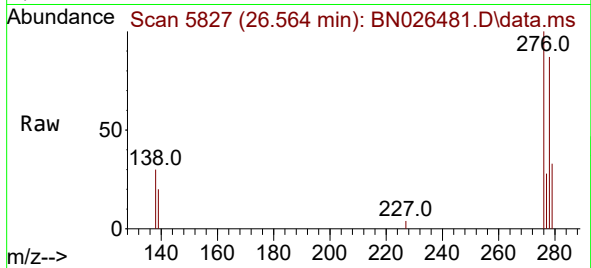




#28
Dibenzo(a,h)anthracene
Concen: 0.415 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.014 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Instrument :
BNA_N
ClientSampleId :
SICV236

Tgt Ion:278 Resp: 8892
Ion Ratio Lower Upper
278 100
139 23.4 18.9 28.3
279 37.7 31.3 46.9



#29
Benzo(g,h,i)perylene
Concen: 0.411 ng/ul
RT: 27.332 min Scan# 6056
Delta R.T. -0.014 min
Lab File: BN026481.D
Acq: 12 Jul 2023 19:50

Tgt Ion:276 Resp: 10147
Ion Ratio Lower Upper
276 100
138 28.8 22.6 34.0
277 27.8 21.8 32.8

