

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032223\
 Data File : BN024491.D
 Acq On : 22 Mar 2023 22:45
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4251

Quant Time: Mar 23 03:33:26 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 23 03:32:22 2023
 Response via : Initial Calibration

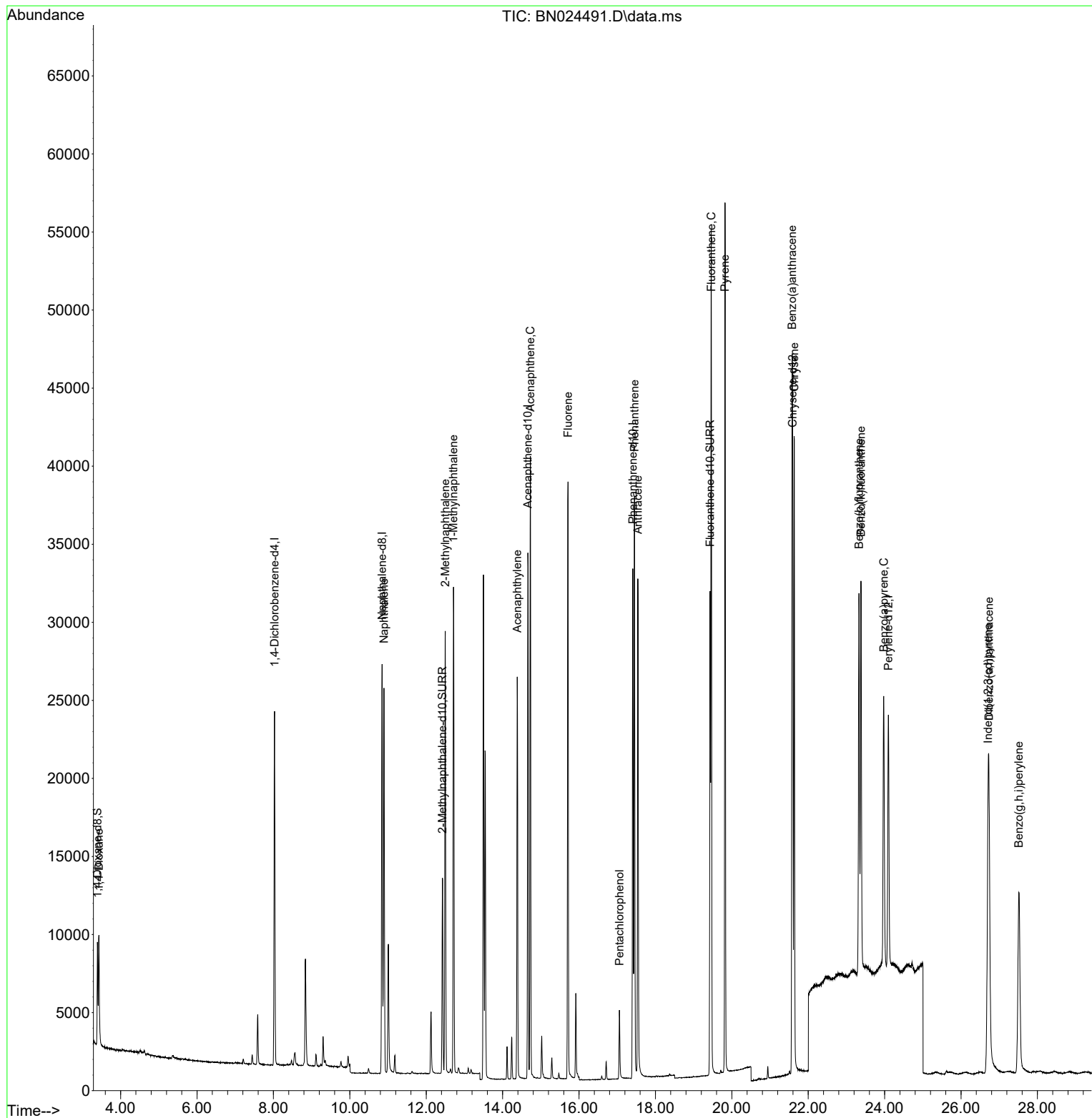
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.029	152	11652	0.400	ng/ul	0.00
4) Naphthalene-d8	10.844	136	34124	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	18319	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.409	188	37672	0.400	ng/ul	0.00
17) Chrysene-d12	21.594	240	29817	0.400	ng/ul	0.00
23) Perylene-d12	24.099	264	24865	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	4379	0.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	16260	0.401	ng/ul	0.00
18) Fluoranthene-d10	19.431	212	32035	0.404	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.430	88	4738	0.340	ng/ul	92
5) Naphthalene	10.894	128	33049	0.388	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	20393	0.395	ng/ul	100
8) 1-Methylnaphthalene	12.714	142	21228	0.391	ng/ul	100
10) Acenaphthylene	14.383	152	29345	0.384	ng/ul	100
11) Acenaphthene	14.726	153	22246	0.378	ng/ul	98
12) Fluorene	15.711	166	24582	0.374	ng/ul	99
14) Pentachlorophenol	17.058	266	3081	0.294	ng/ul#	72
15) Phenanthrene	17.451	178	40065	0.371	ng/ul	99
16) Anthracene	17.540	178	35808	0.378	ng/ul	100
19) Fluoranthene	19.464	202	44955	0.379	ng/ul	98
20) Pyrene	19.822	202	45963	0.382	ng/ul	99
21) Benzo(a)anthracene	21.577	228	37376	0.384	ng/ul	100
22) Chrysene	21.632	228	37908	0.369	ng/ul	100
24) Benzo(b)fluoranthene	23.330	252	36839	0.388	ng/ul	96
25) Benzo(k)fluoranthene	23.380	252	35094	0.356	ng/ul	97
26) Benzo(a)pyrene	23.977	252	30124	0.369	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.706	276	34145	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.730	278	26260	0.375	ng/ul	97
29) Benzo(g,h,i)perylene	27.514	276	29477	0.369	ng/ul	97

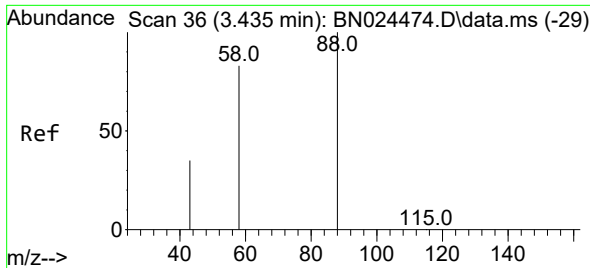
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 23 03:32:22 2023
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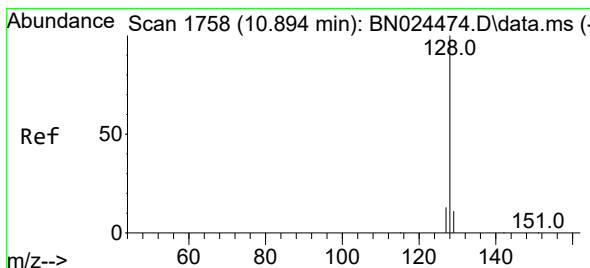
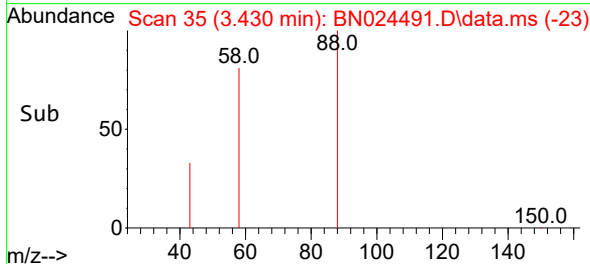
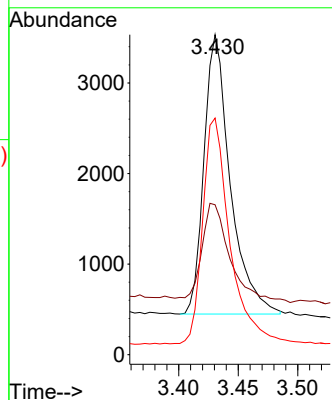
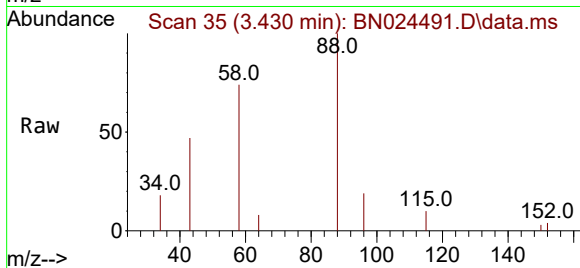




#2
1,4-Dioxane
Concen: 0.340 ng/ul
RT: 3.430 min Scan# 31
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

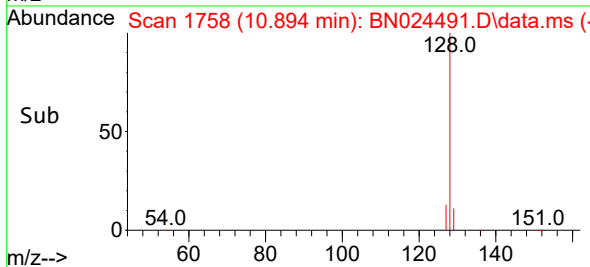
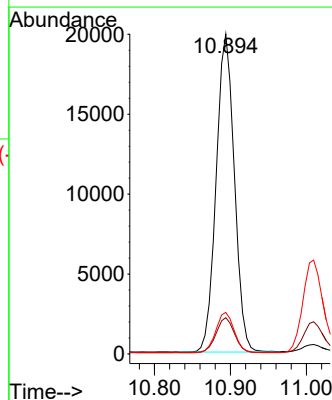
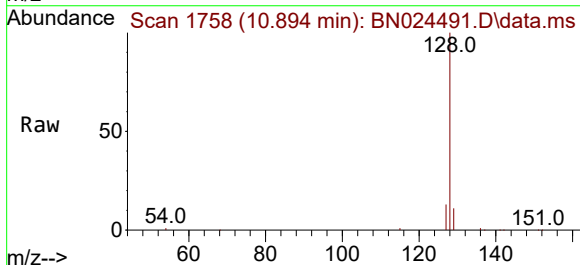
Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

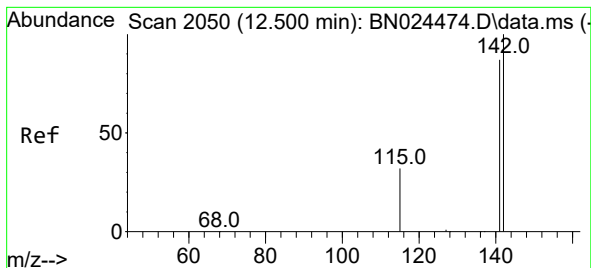
Tgt Ion: 88 Resp: 4738
Ion Ratio Lower Upper
88 100
43 46.8 32.1 48.1
58 74.0 55.1 82.7



#5
Naphthalene
Concen: 0.388 ng/ul
RT: 10.894 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion: 128 Resp: 33049
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.0 10.5 15.7

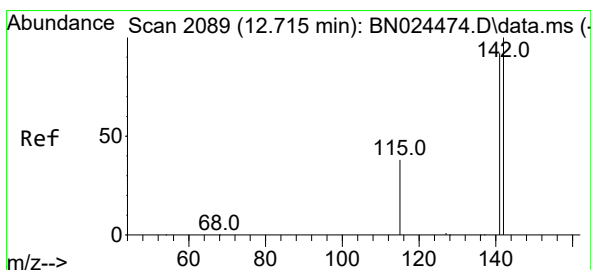
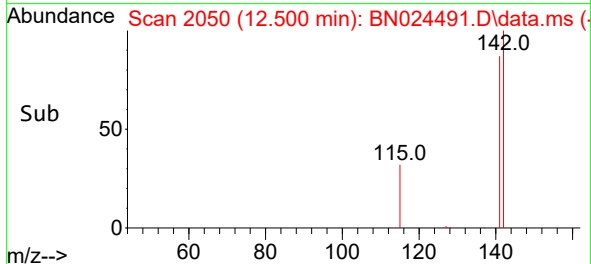
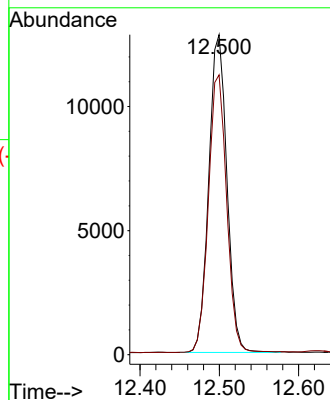
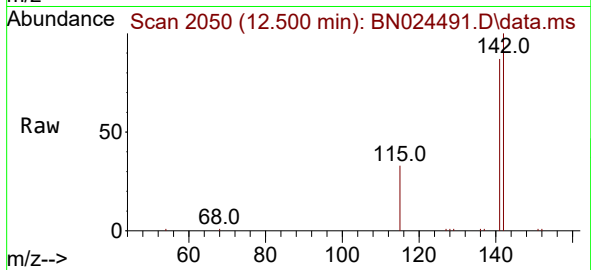




#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

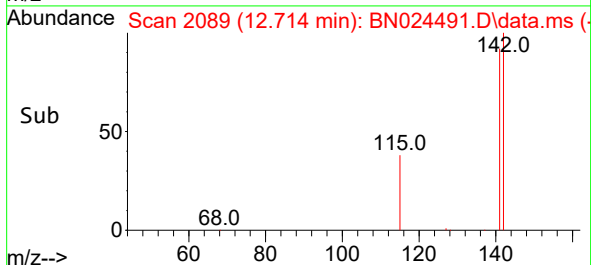
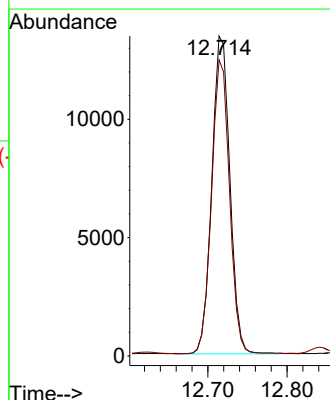
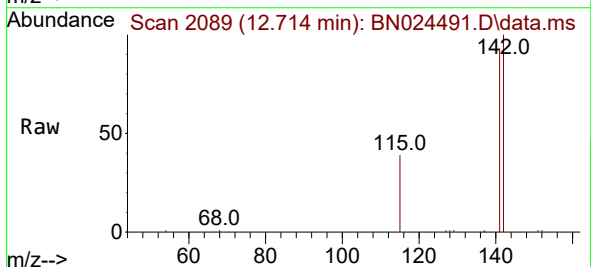
Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

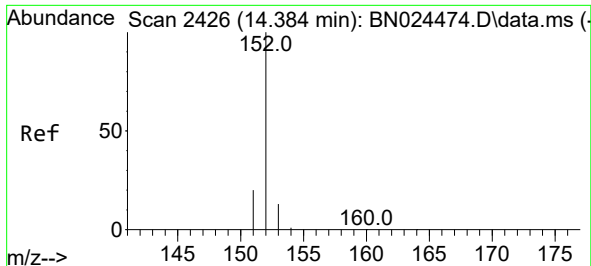
Tgt Ion:142 Resp: 20393
Ion Ratio Lower Upper
142 100
141 88.0 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.714 min Scan# 2089
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:142 Resp: 21228
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.6

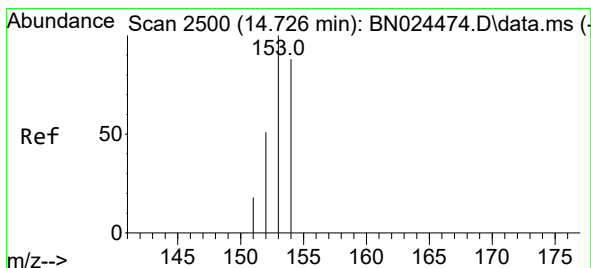
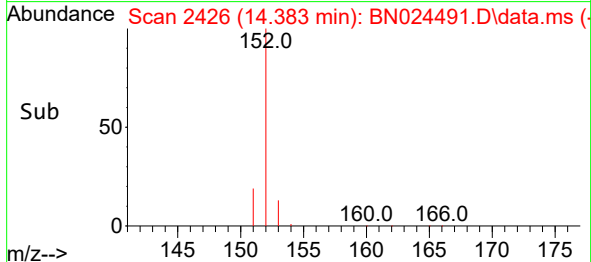
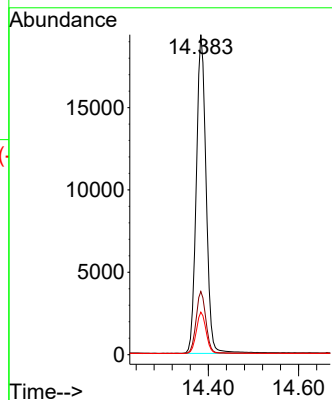
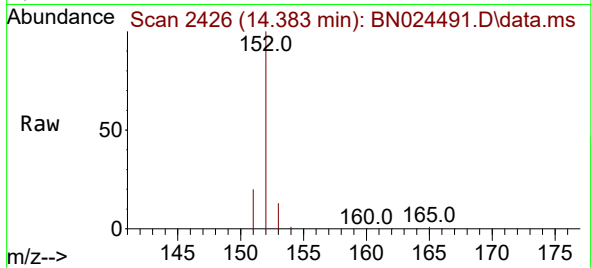




#10
Acenaphthylene
Concen: 0.384 ng/ul
RT: 14.383 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

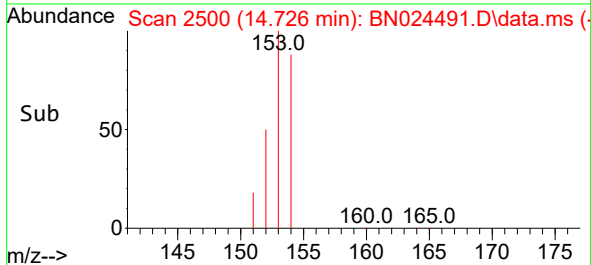
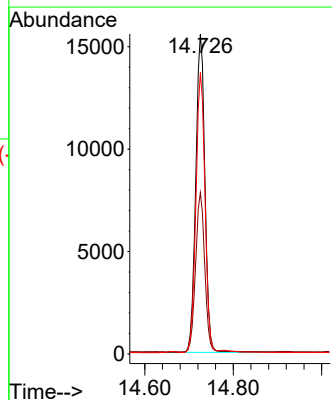
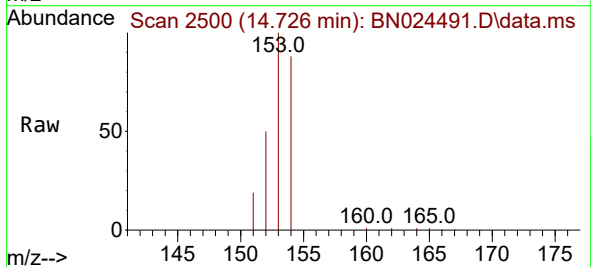
Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

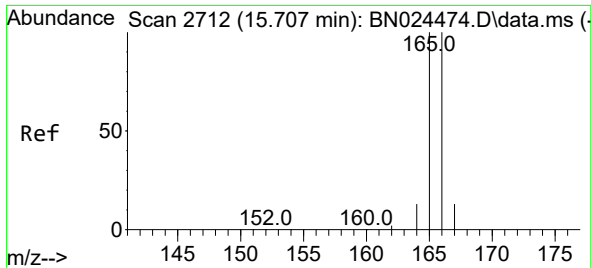
Tgt Ion:152 Resp: 29345
Ion Ratio Lower Upper
152 100
151 19.8 15.9 23.9
153 13.3 10.6 16.0



#11
Acenaphthene
Concen: 0.378 ng/ul
RT: 14.726 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:153 Resp: 22246
Ion Ratio Lower Upper
153 100
152 50.4 42.6 64.0
154 87.9 70.6 105.8

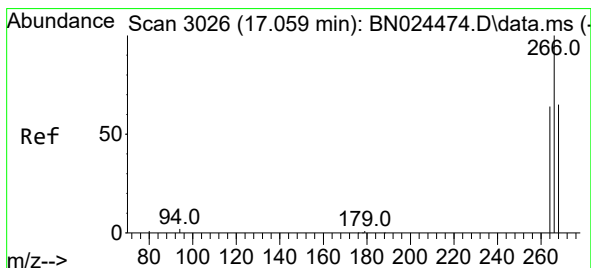
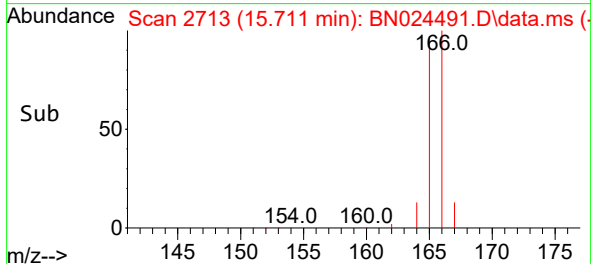
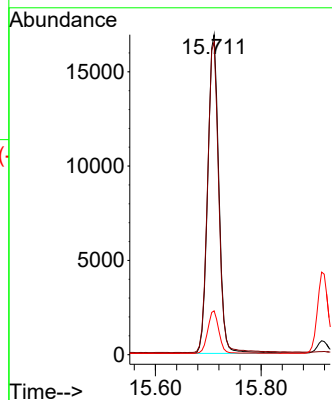
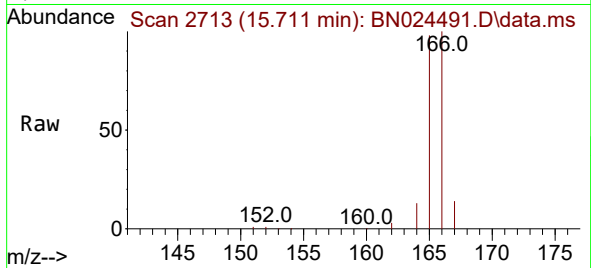




#12
Fluorene
Concen: 0.374 ng/ul
RT: 15.711 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

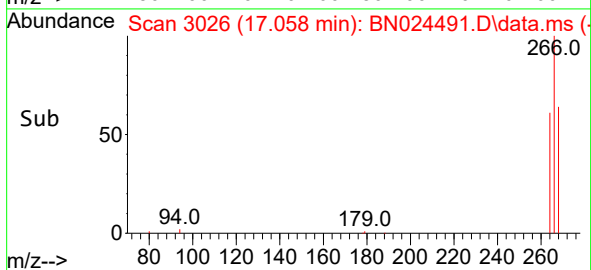
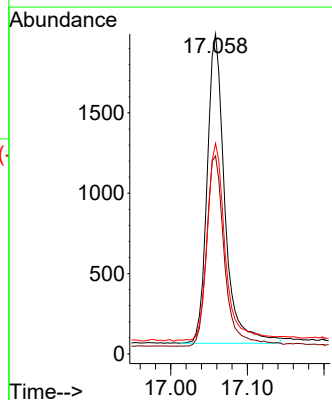
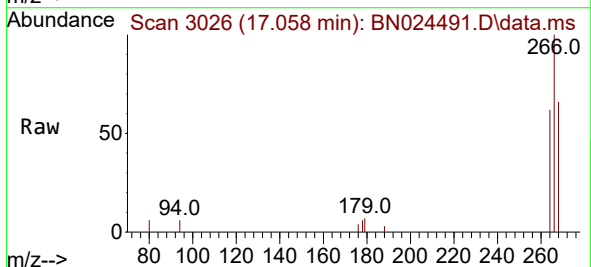
Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

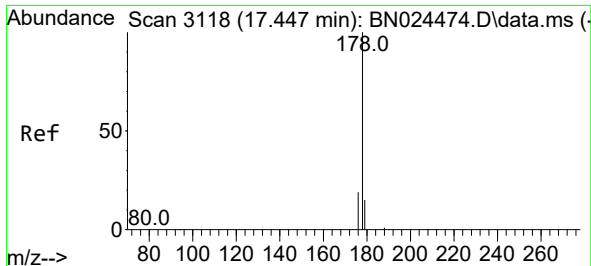
Tgt Ion:166 Resp: 24582
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.7 10.9 16.3



#14
Pentachlorophenol
Concen: 0.294 ng/ul
RT: 17.058 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:266 Resp: 3081
Ion Ratio Lower Upper
266 100
264 63.0 0.0 0.0#
268 66.0 0.1 0.1#

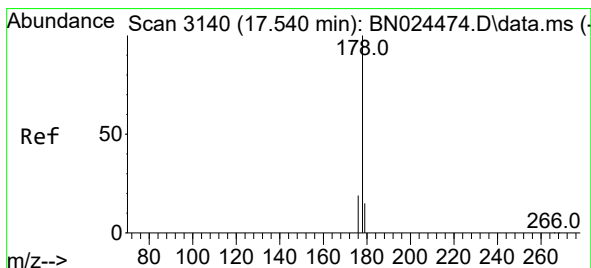
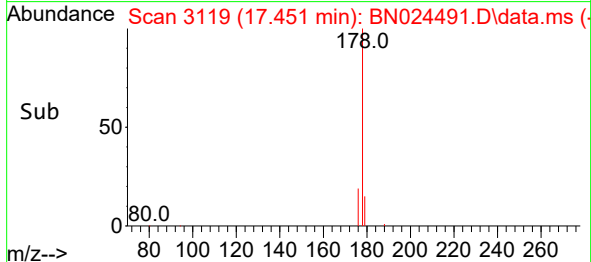
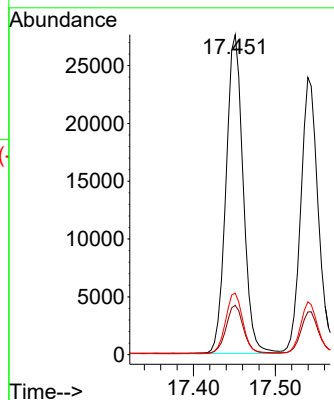
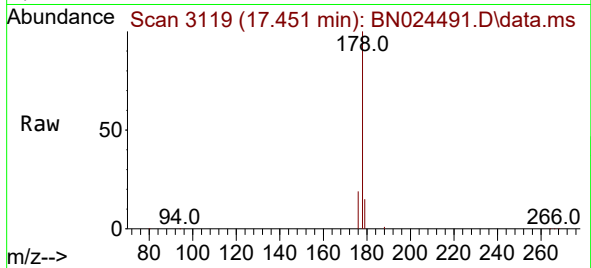




#15
Phenanthrene
Concen: 0.371 ng/ul
RT: 17.451 min Scan# 3119
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

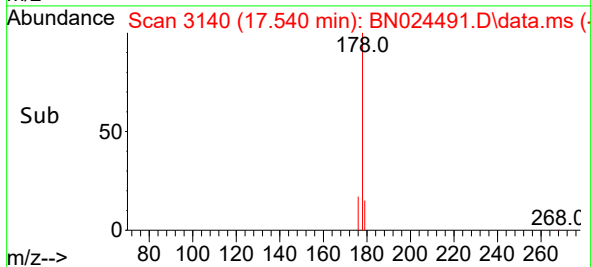
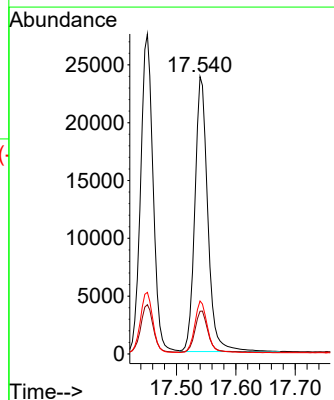
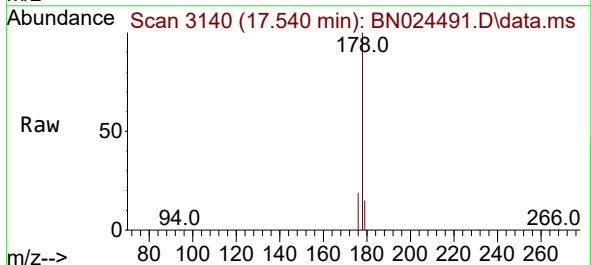
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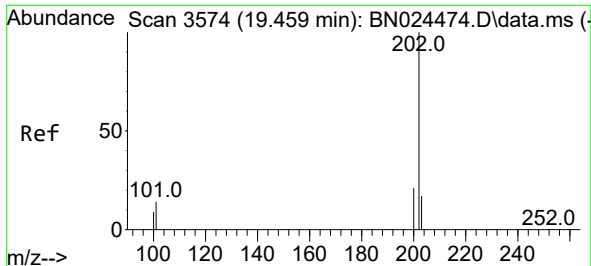
Tgt Ion:178 Resp: 40065
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.2
176 19.2 15.7 23.5



#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.540 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:178 Resp: 35808
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.3 22.9

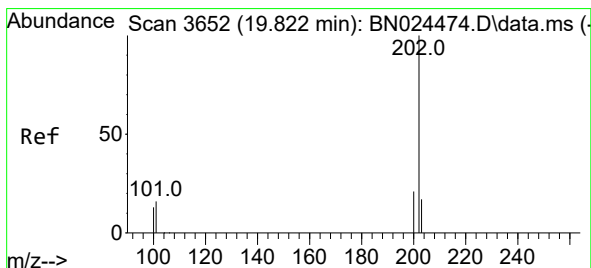
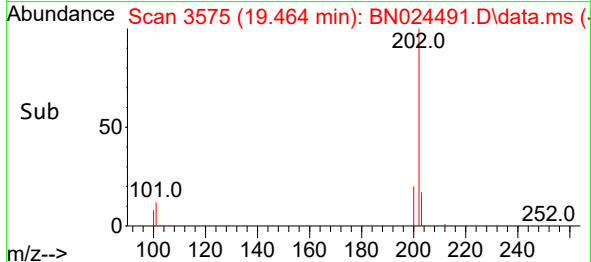
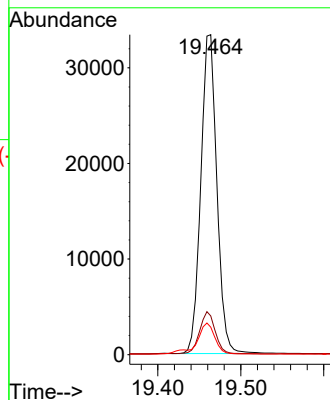
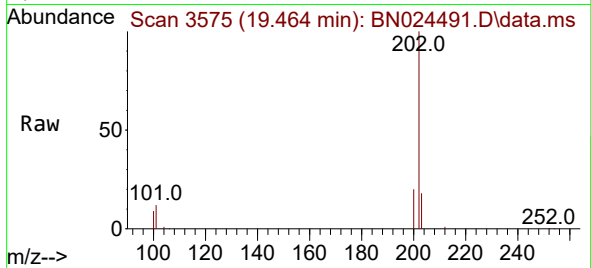




#19
Fluoranthene
Concen: 0.379 ng/ul
RT: 19.464 min Scan# 3575
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

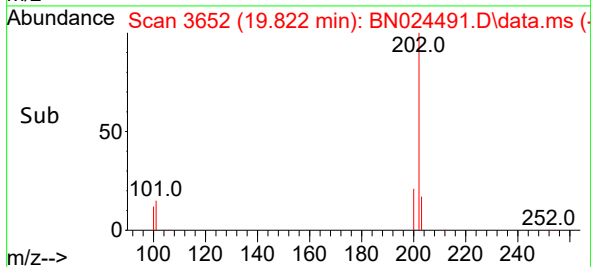
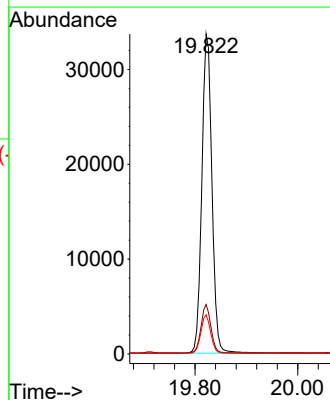
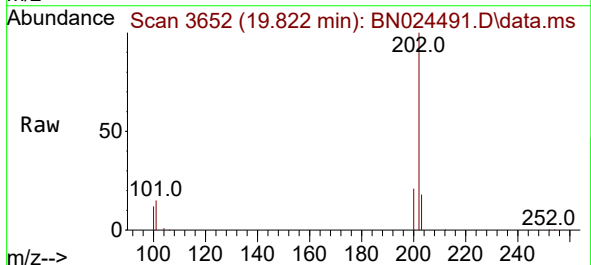
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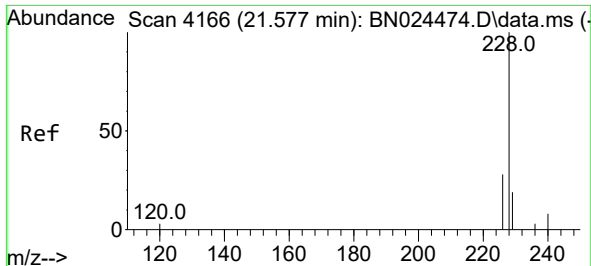
Tgt Ion:202 Resp: 44955
Ion Ratio Lower Upper
202 100
101 12.1 10.4 15.6
100 8.6 7.7 11.5



#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.822 min Scan# 3652
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

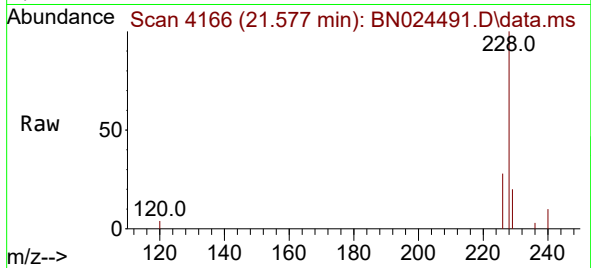
Tgt Ion:202 Resp: 45963
Ion Ratio Lower Upper
202 100
101 15.4 12.1 18.1
100 12.2 9.4 14.0



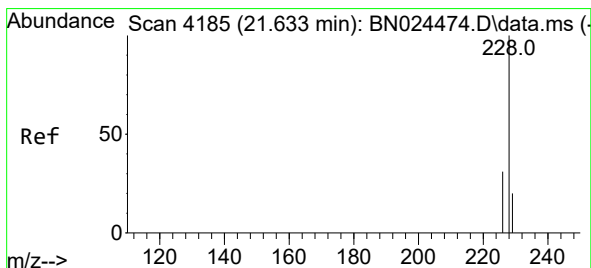
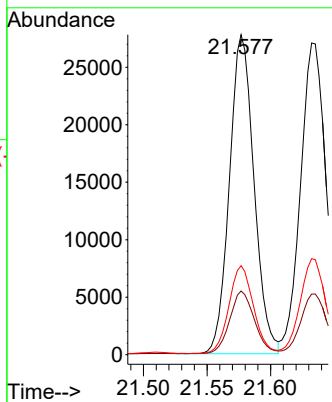
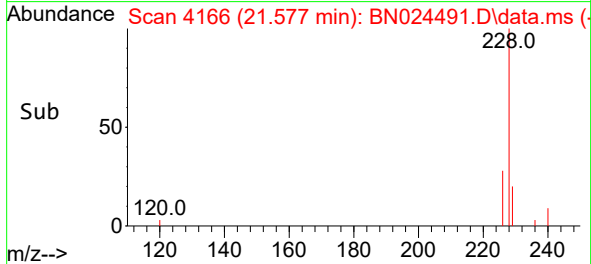


#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.577 min Scan# 4166
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

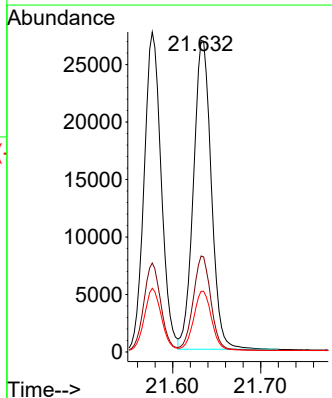
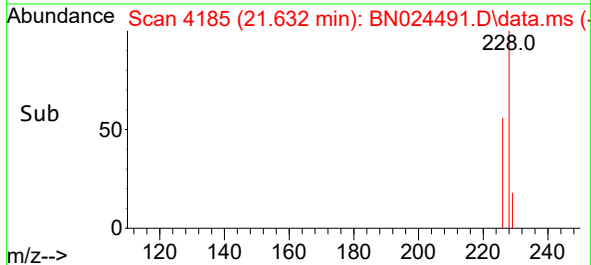
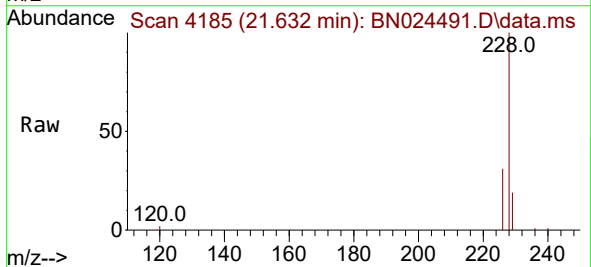


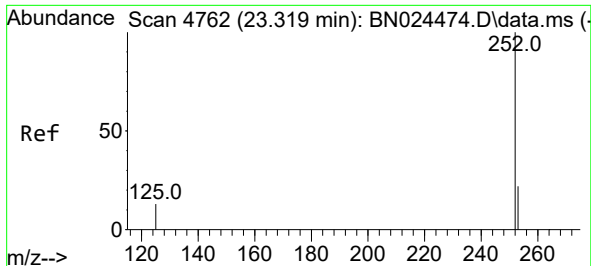
Tgt Ion:228 Resp: 37376
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 27.8 22.2 33.4



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.632 min Scan# 4185
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:228 Resp: 37908
Ion Ratio Lower Upper
228 100
226 30.8 24.8 37.2
229 19.5 15.8 23.6

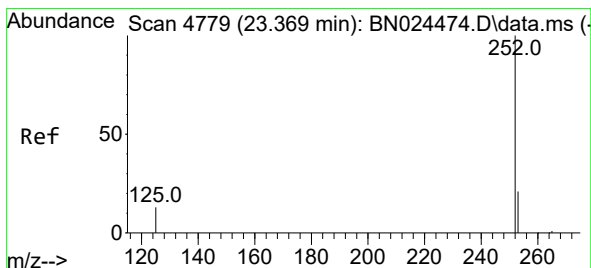
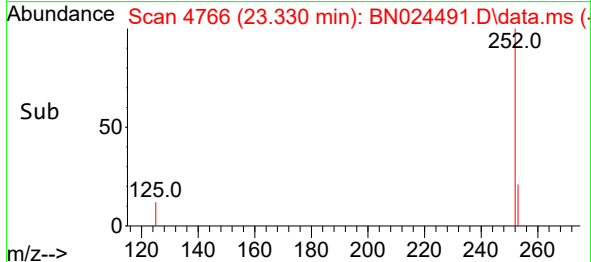
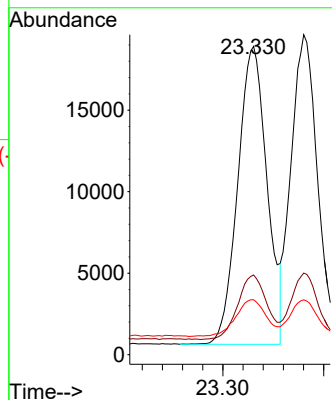
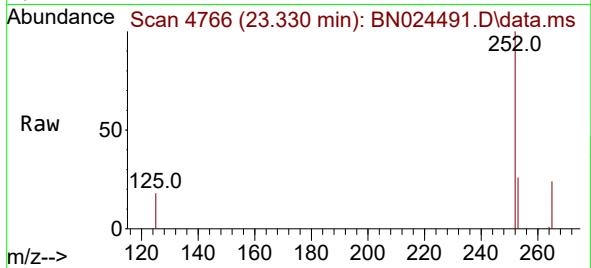




#24
Benzo(b)fluoranthene
Concen: 0.388 ng/ul
RT: 23.330 min Scan# 4766
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

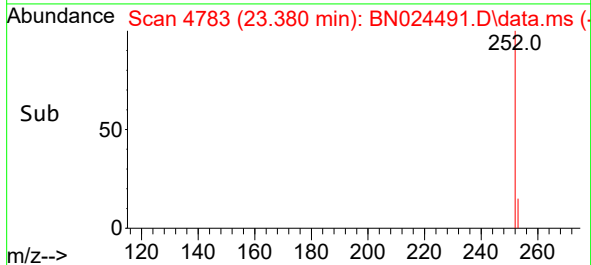
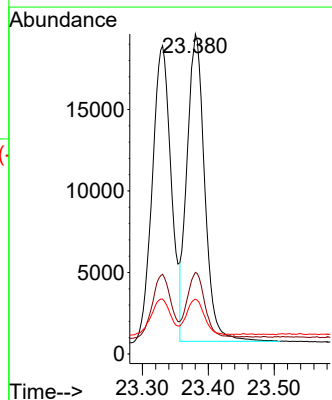
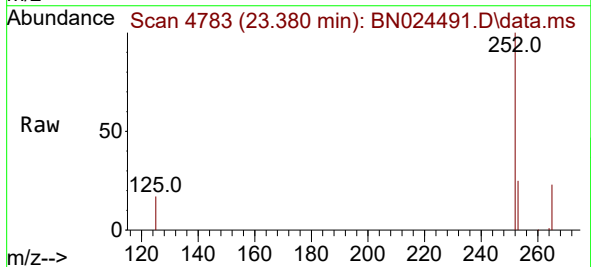
Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

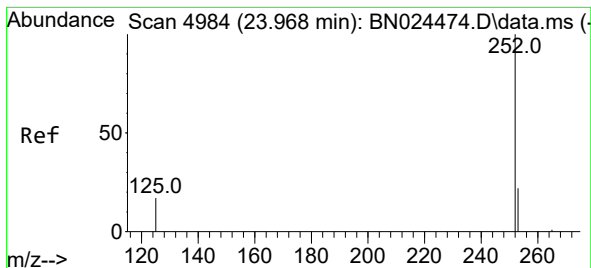
Tgt Ion:252 Resp: 36839
Ion Ratio Lower Upper
252 100
253 25.9 0.0 46.2
125 17.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.356 ng/ul
RT: 23.380 min Scan# 4783
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:252 Resp: 35094
Ion Ratio Lower Upper
252 100
253 25.5 18.5 27.7
125 17.1 13.2 19.8





#26

Benzo(a)pyrene

Concen: 0.369 ng/ul

RT: 23.977 min Scan# 4984

Delta R.T. 0.000 min

Lab File: BN024491.D

Acq: 22 Mar 2023 22:45

Instrument :

BNA_N

ClientSampleId :

SSTD0.4251

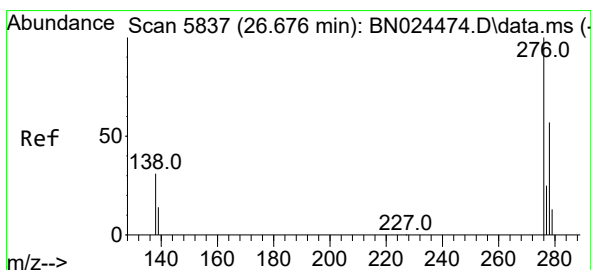
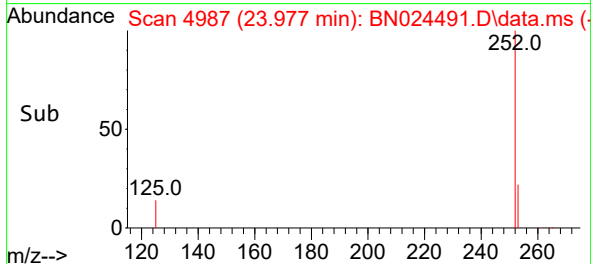
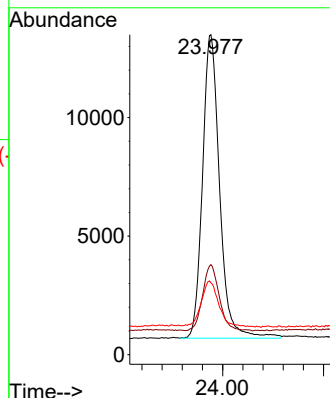
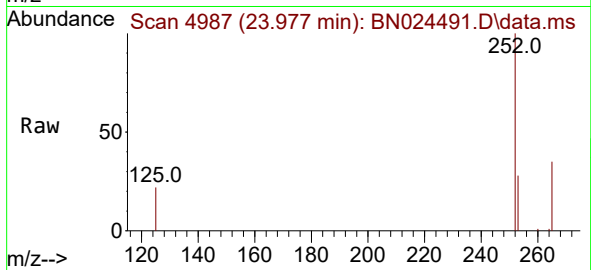
Tgt Ion:252 Resp: 30124

Ion Ratio Lower Upper

252 100

253 28.1 19.2 28.8

125 22.5 15.8 23.6



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.371 ng/ul

RT: 26.706 min Scan# 5846

Delta R.T. 0.000 min

Lab File: BN024491.D

Acq: 22 Mar 2023 22:45

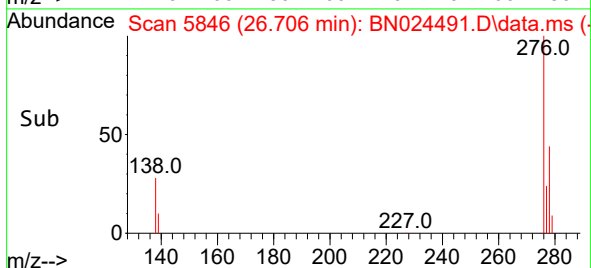
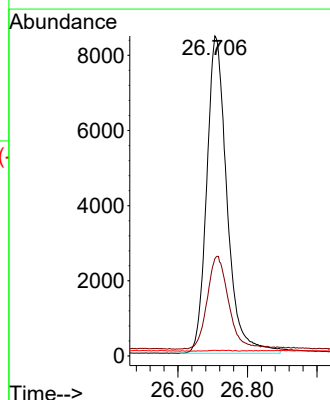
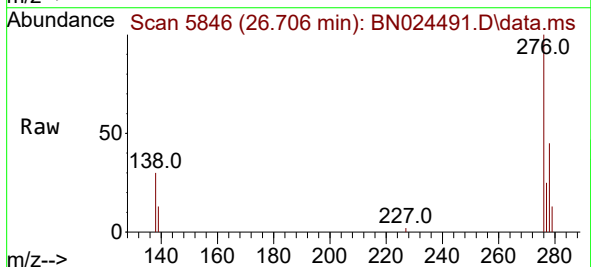
Tgt Ion:276 Resp: 34145

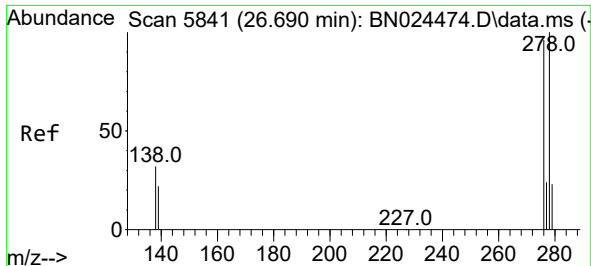
Ion Ratio Lower Upper

276 100

138 30.8 0.0 0.0#

227 0.1 0.0 0.0#

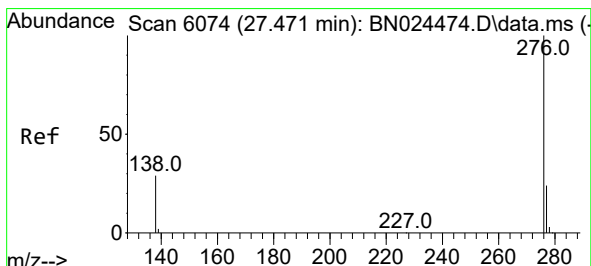
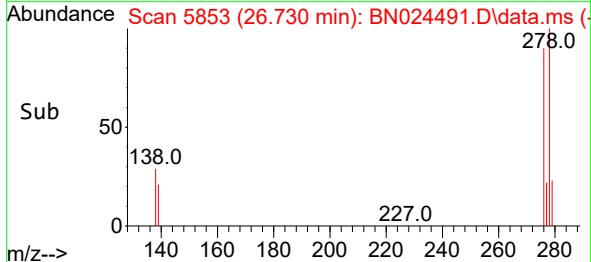
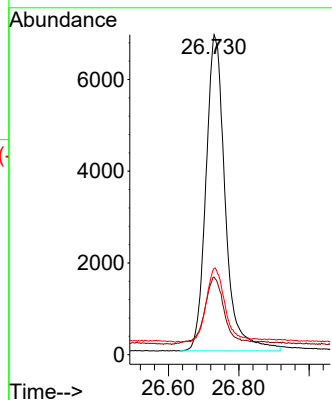
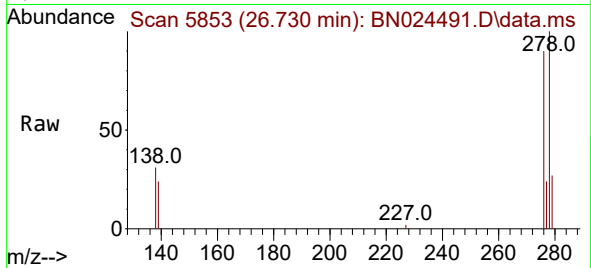




#28
Dibenzo(a,h)anthracene
Concen: 0.375 ng/ul
RT: 26.730 min Scan# 5841
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Instrument :
BNA_N
ClientSampleId :
SSTD0.4251

Tgt Ion:278 Resp: 26260
Ion Ratio Lower Upper
278 100
139 24.3 21.0 31.6
279 27.0 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.514 min Scan# 6087
Delta R.T. 0.000 min
Lab File: BN024491.D
Acq: 22 Mar 2023 22:45

Tgt Ion:276 Resp: 29477
Ion Ratio Lower Upper
276 100
138 29.0 25.2 37.8
277 24.7 19.4 29.2

