

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
 Data File : BN024403.D
 Acq On : 20 Mar 2023 09:55
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4393

Quant Time: Mar 21 02:14:06 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 : Tue Mar 21 02:12:19 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

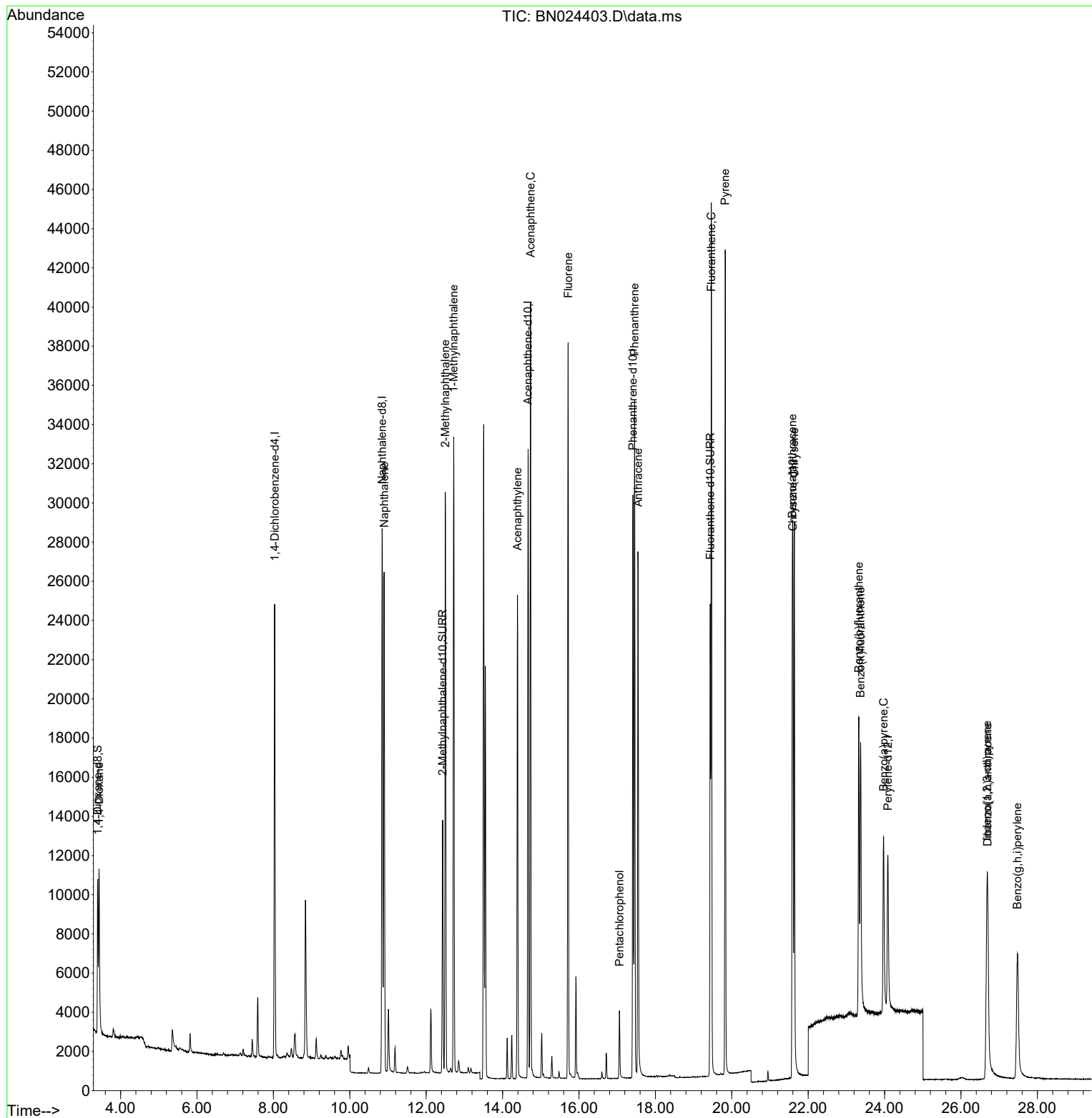
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	11868	0.400	ng/ul	0.00
4) Naphthalene-d8	10.845	136	36145	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.666	164	17100	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.413	188	32771	0.400	ng/ul	0.00
17) Chrysene-d12	21.600	240	18541	0.400	ng/ul	0.00
23) Perylene-d12	24.085	264	12193	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	5168	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	15995	0.372	ng/ul	0.00
18) Fluoranthene-d10	19.436	212	23651	0.479	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.435	88	5571	0.392	ng/ul	91
5) Naphthalene	10.900	128	35529	0.394	ng/ul	100
7) 2-Methylnaphthalene	12.500	142	20760	0.379	ng/ul	99
8) 1-Methylnaphthalene	12.720	142	21461	0.373	ng/ul	99
10) Acenaphthylene	14.388	152	27913	0.391	ng/ul	100
11) Acenaphthene	14.731	153	22021	0.401	ng/ul	99
12) Fluorene	15.716	166	23519	0.383	ng/ul	99
14) Pentachlorophenol	17.059	266	2340	0.257	ng/ul#	72
15) Phenanthrene	17.455	178	36748	0.392	ng/ul	99
16) Anthracene	17.544	178	30587	0.371	ng/ul	100
19) Fluoranthene	19.464	202	36048	0.489	ng/ul#	94
20) Pyrene	19.827	202	35147	0.469	ng/ul#	92
21) Benzo(a)anthracene	21.583	228	22262	0.368	ng/ul	99
22) Chrysene	21.635	228	25388	0.397	ng/ul	100
24) Benzo(b)fluoranthene	23.325	252	20402	0.438	ng/ul	94
25) Benzo(k)fluoranthene	23.372	252	21226	0.439	ng/ul#	92
26) Benzo(a)pyrene	23.974	252	16007	0.400	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.680	276	16736	0.371	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.700	278	12117	0.353	ng/ul	97
29) Benzo(g,h,i)perylene	27.478	276	15806	0.404	ng/ul	96

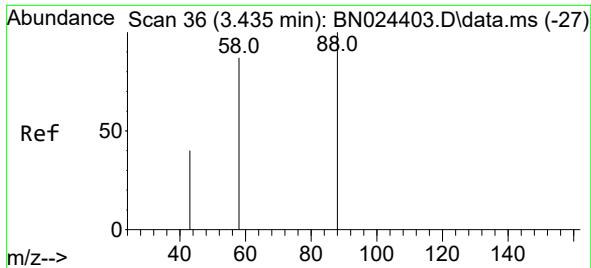
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032023\
Data File : BN024403.D
Acq On : 20 Mar 2023 09:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

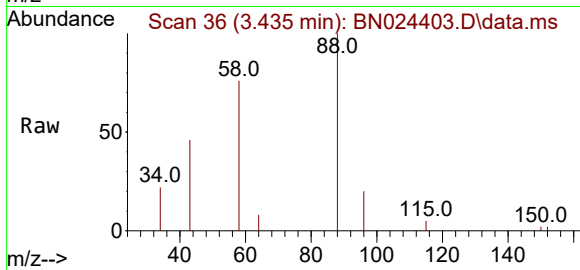
Quant Time: Mar 21 02:14:06 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN030923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 21 02:12:19 2023
Response via : Initial Calibration





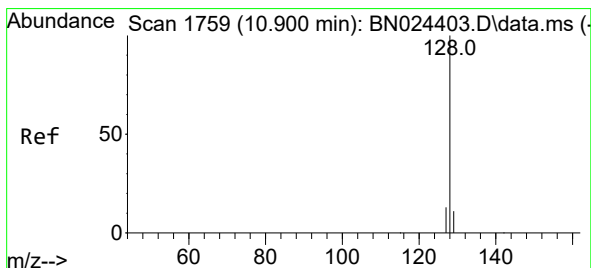
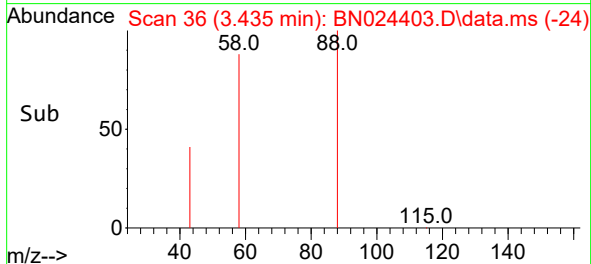
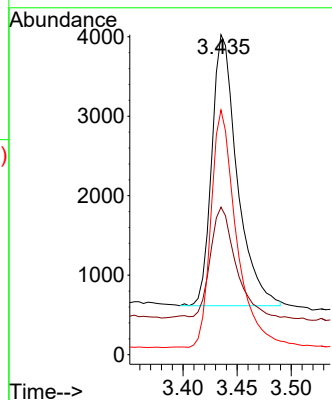
#2
1,4-Dioxane
Concen: 0.392 ng/ul
RT: 3.435 min Scan# 30
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393



Tgt Ion: 88 Resp: 5571

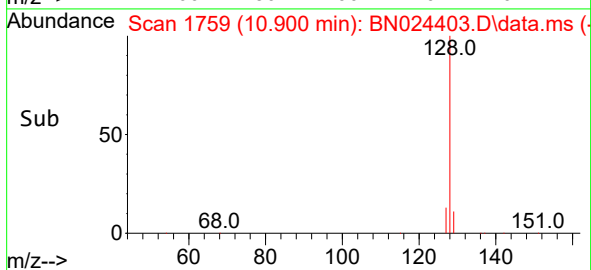
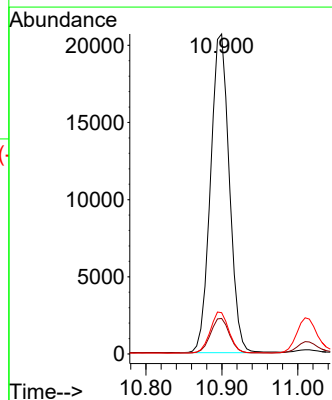
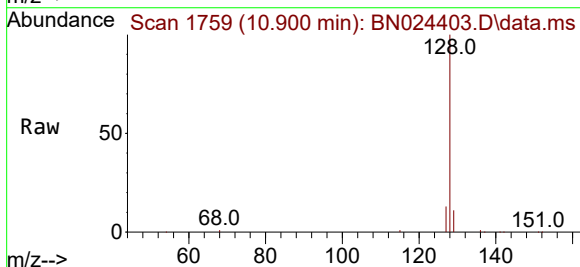
Ion	Ratio	Lower	Upper
88	100		
43	46.1	32.1	48.1
58	76.5	55.1	82.7

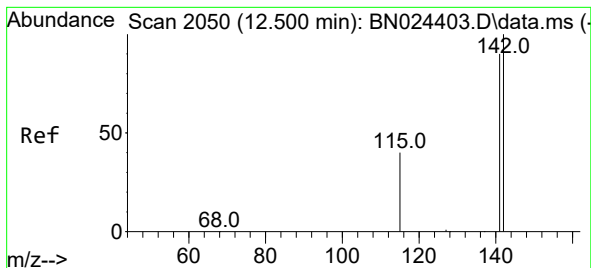


#5
Naphthalene
Concen: 0.394 ng/ul
RT: 10.900 min Scan# 1759
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion: 128 Resp: 35529

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.9	10.5	15.7

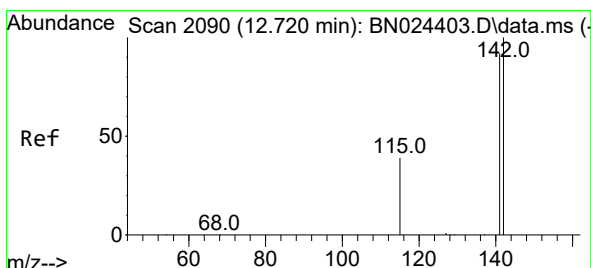
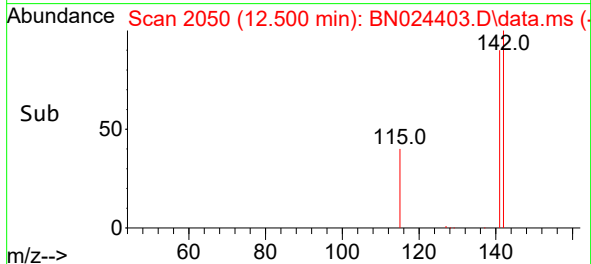
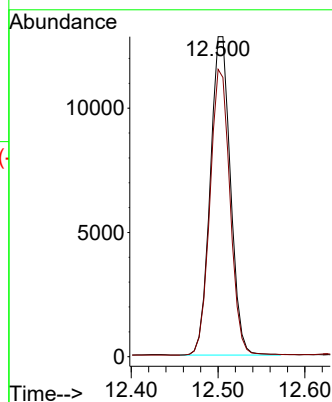
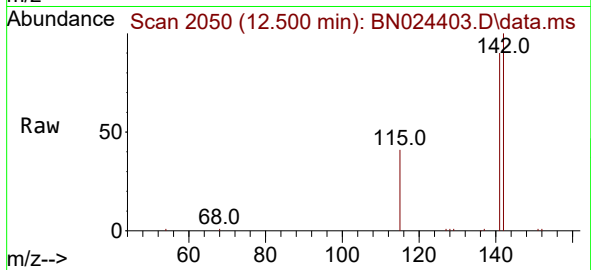




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.500 min Scan# 2050
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

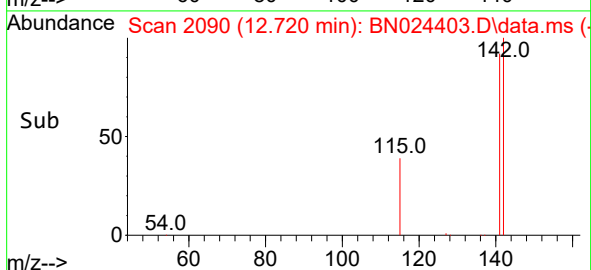
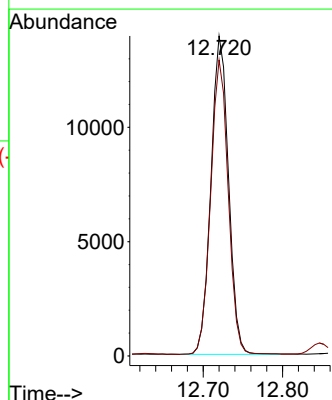
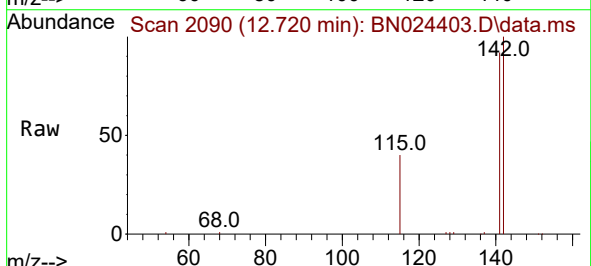
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

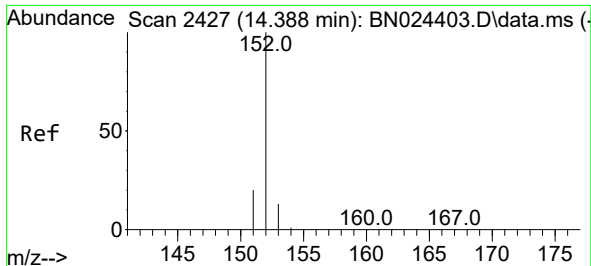
Tgt Ion:142 Resp: 20760
Ion Ratio Lower Upper
142 100
141 88.8 70.3 105.5



#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.720 min Scan# 2090
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:142 Resp: 21461
Ion Ratio Lower Upper
142 100
141 92.3 73.0 109.6

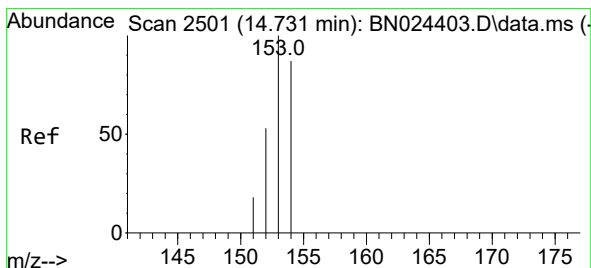
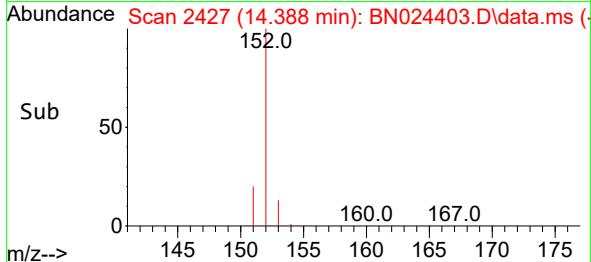
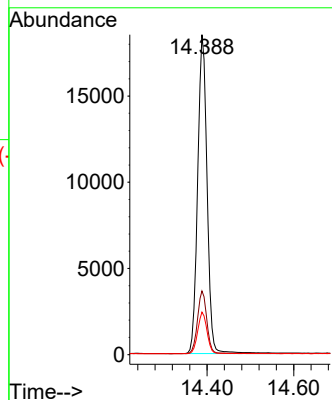
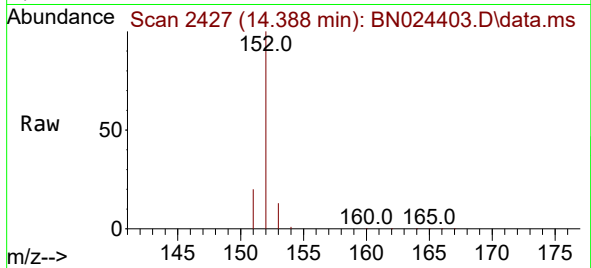




#10
Acenaphthylene
Concen: 0.391 ng/ul
RT: 14.388 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

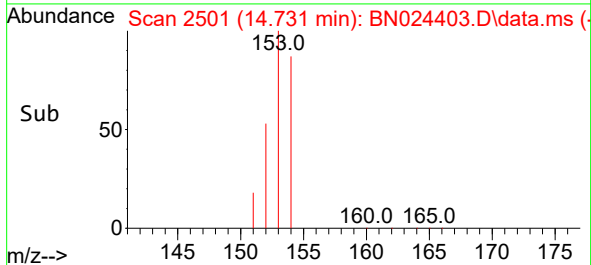
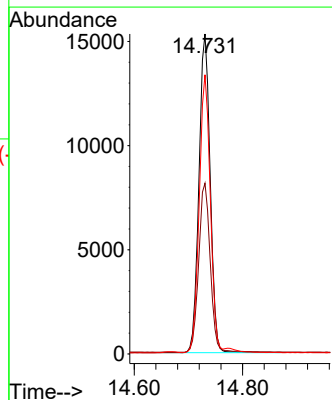
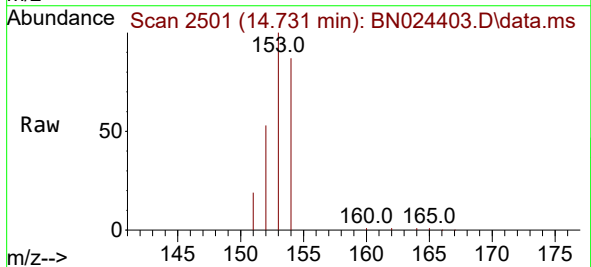
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

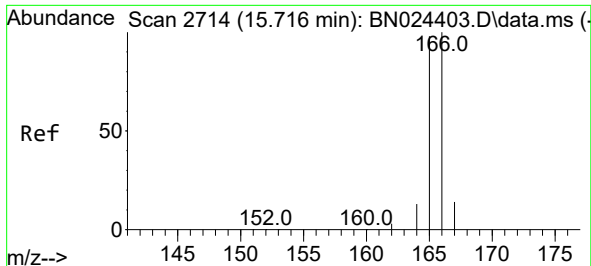
Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.3	10.6	16.0



#11
Acenaphthene
Concen: 0.401 ng/ul
RT: 14.731 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.3	42.6	64.0
154	87.3	70.6	105.8

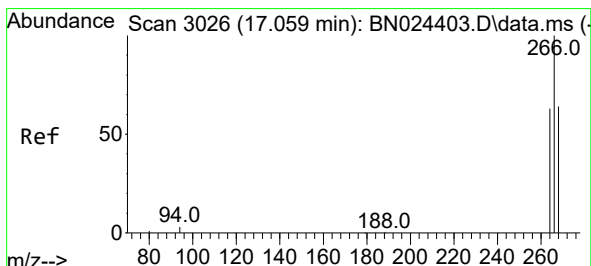
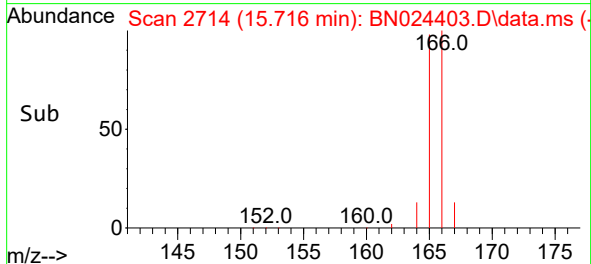
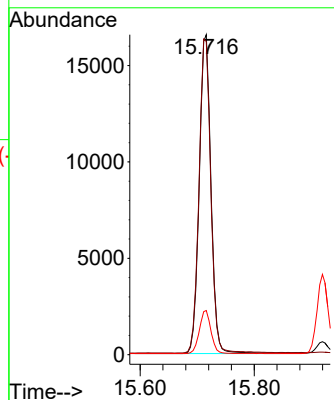
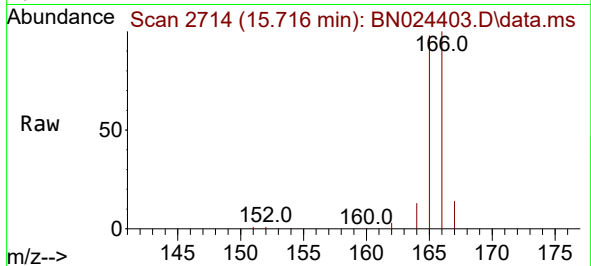




#12
Fluorene
Concen: 0.383 ng/ul
RT: 15.716 min Scan# 2714
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

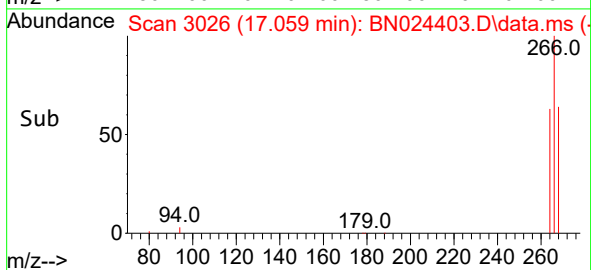
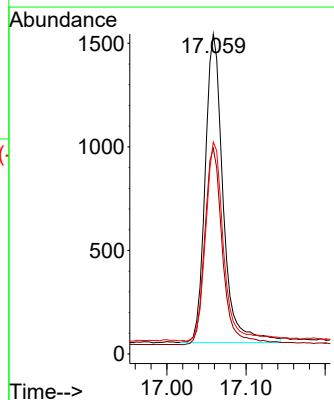
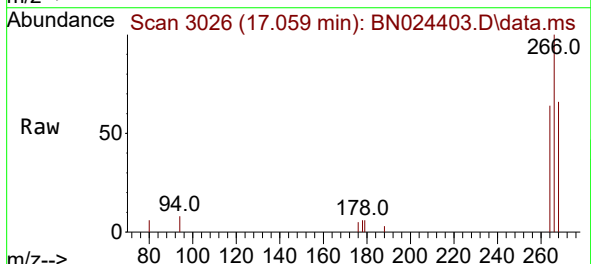
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

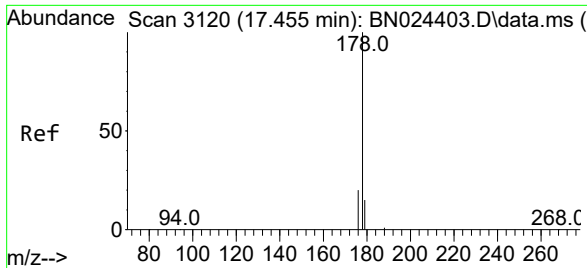
Tgt Ion:166 Resp: 23519
Ion Ratio Lower Upper
166 100
165 97.8 77.4 116.0
167 13.8 10.9 16.3



#14
Pentachlorophenol
Concen: 0.257 ng/ul
RT: 17.059 min Scan# 3026
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:266 Resp: 2340
Ion Ratio Lower Upper
266 100
264 63.7 0.0 0.0#
268 64.7 0.1 0.1#

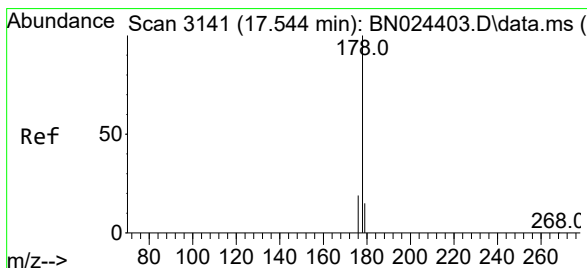
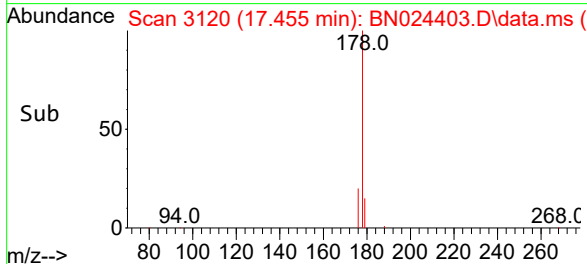
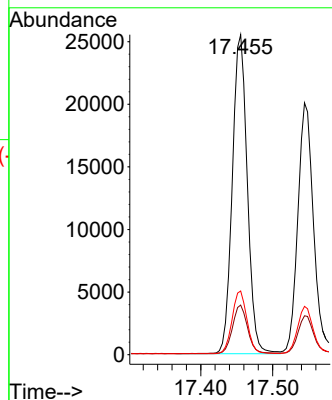
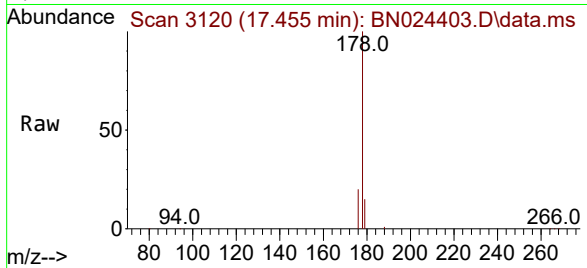




#15
Phenanthrene
Concen: 0.392 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

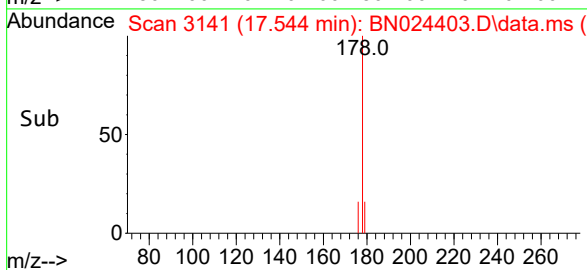
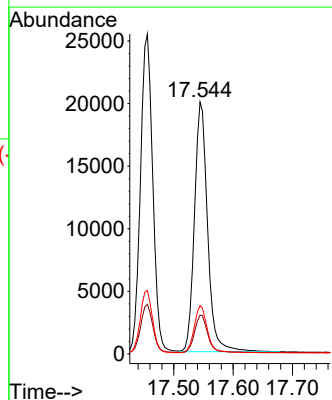
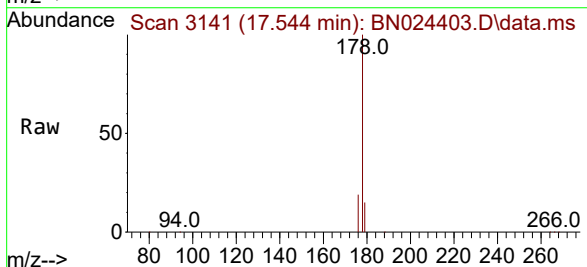
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

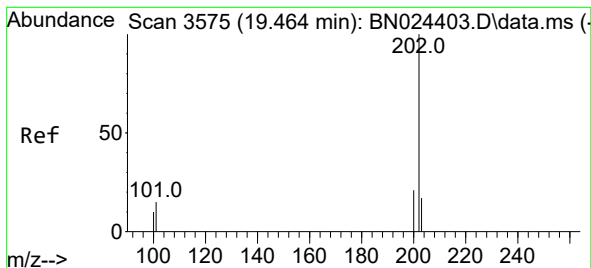
Tgt Ion:178 Resp: 36748
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.371 ng/ul
RT: 17.544 min Scan# 3141
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:178 Resp: 30587
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.2 15.3 22.9





#19

Fluoranthene

Concen: 0.489 ng/ul

RT: 19.464 min Scan# 3575

Delta R.T. 0.000 min

Lab File: BN024403.D

Acq: 20 Mar 2023 09:55

Instrument :

BNA_N

ClientSampleId :

SSTD0.4393

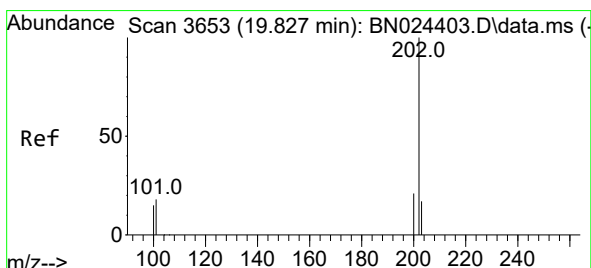
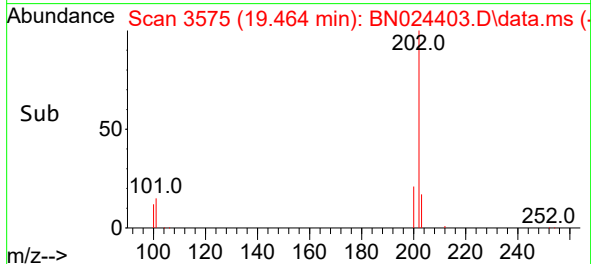
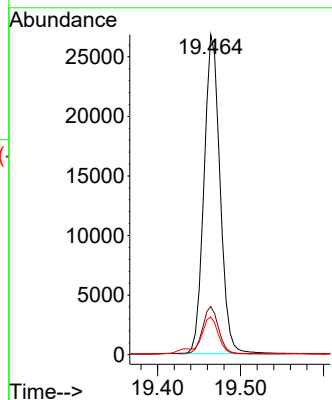
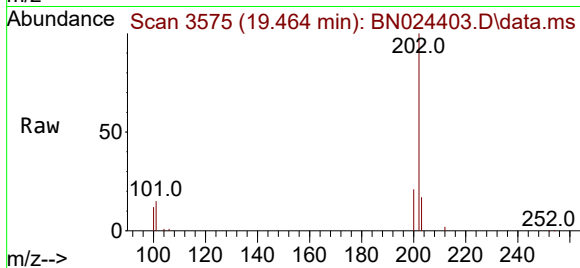
Tgt Ion:202 Resp: 36048

Ion Ratio Lower Upper

202 100

101 15.1 10.4 15.6

100 11.8 7.7 11.5#



#20

Pyrene

Concen: 0.469 ng/ul

RT: 19.827 min Scan# 3653

Delta R.T. 0.000 min

Lab File: BN024403.D

Acq: 20 Mar 2023 09:55

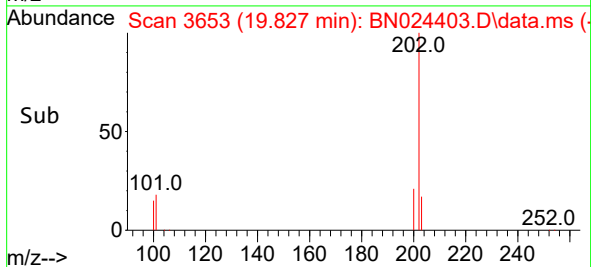
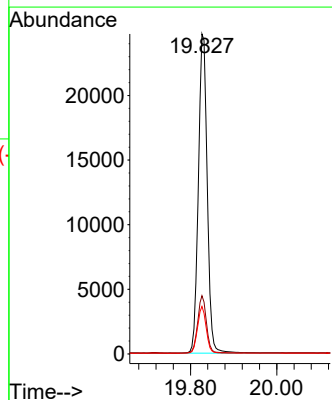
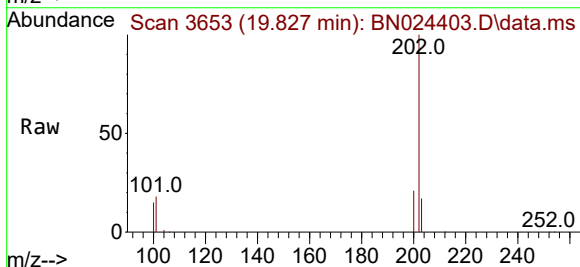
Tgt Ion:202 Resp: 35147

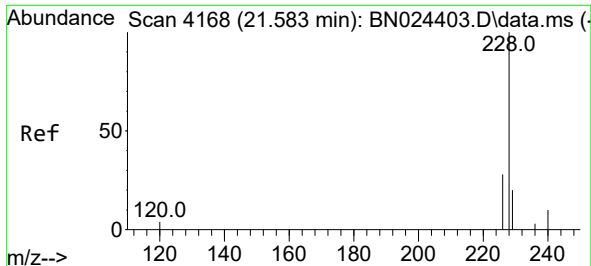
Ion Ratio Lower Upper

202 100

101 18.2 12.1 18.1#

100 14.8 9.4 14.0#

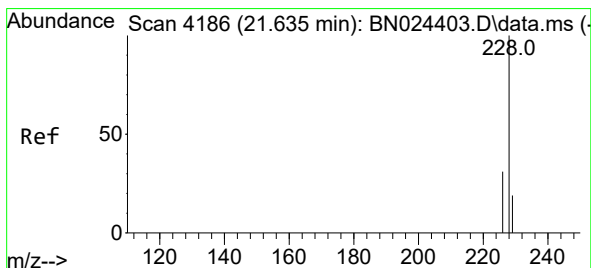
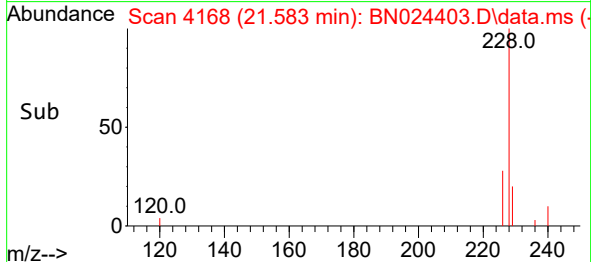
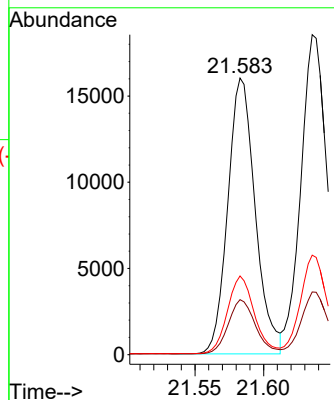
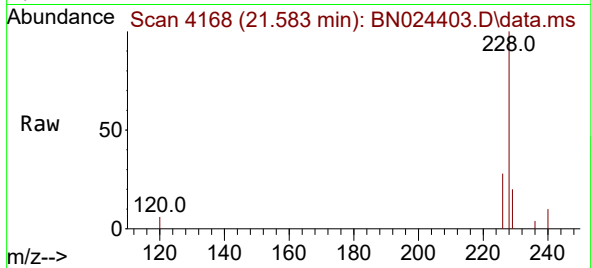




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.583 min Scan# 4168
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

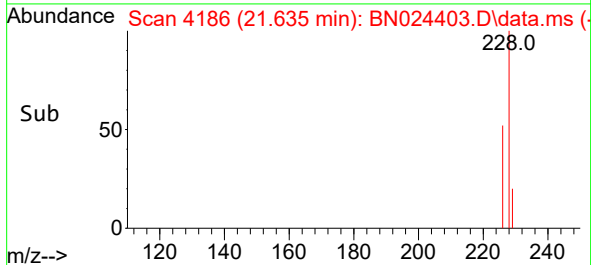
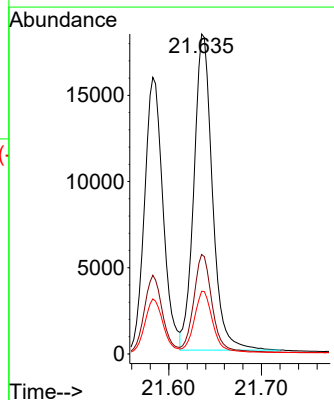
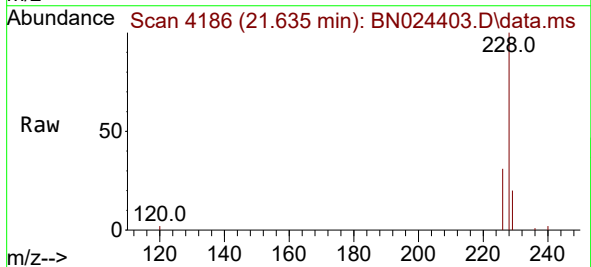
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

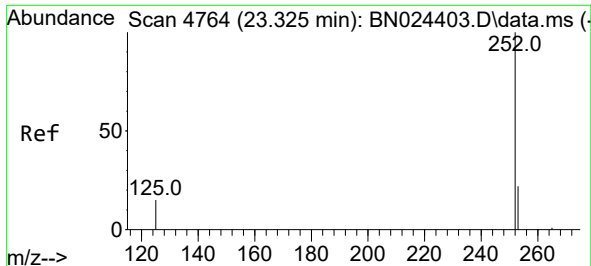
Tgt Ion:228 Resp: 22262
Ion Ratio Lower Upper
228 100
229 19.9 15.8 23.6
226 28.5 22.2 33.4



#22
Chrysene
Concen: 0.397 ng/ul
RT: 21.635 min Scan# 4186
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

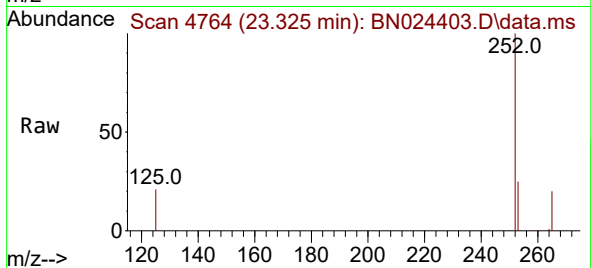
Tgt Ion:228 Resp: 25388
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 19.6 15.8 23.6



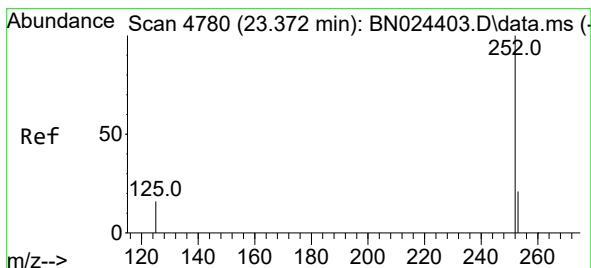
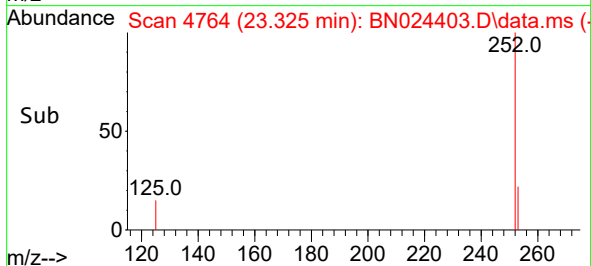
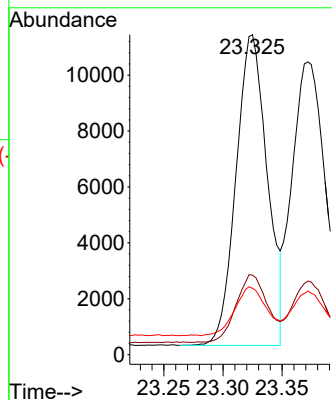


#24
Benzo(b)fluoranthene
Concen: 0.438 ng/ul
RT: 23.325 min Scan# 4764
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

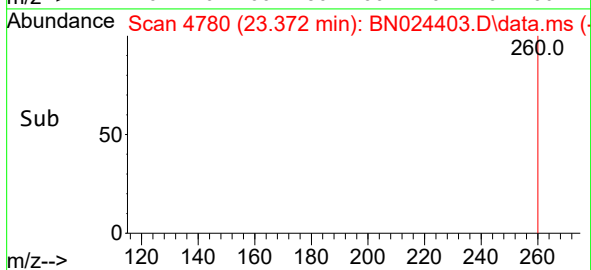
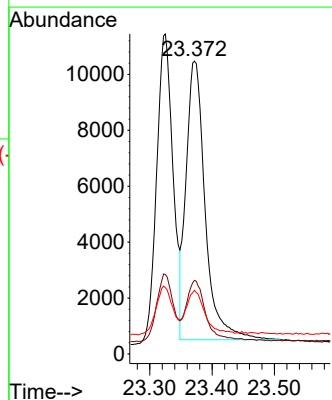
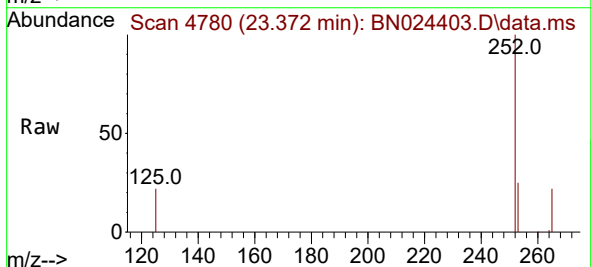


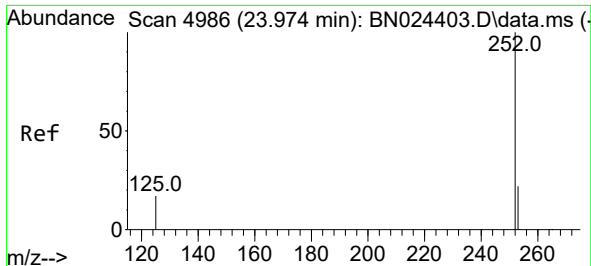
Tgt Ion:252 Resp: 20402
Ion Ratio Lower Upper
252 100
253 24.8 0.0 46.2
125 20.8 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.439 ng/ul
RT: 23.372 min Scan# 4780
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:252 Resp: 21226
Ion Ratio Lower Upper
252 100
253 25.2 18.5 27.7
125 21.7 13.2 19.8#

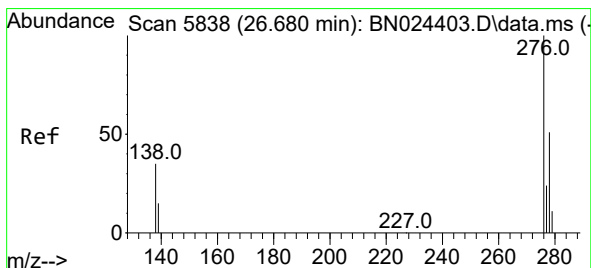
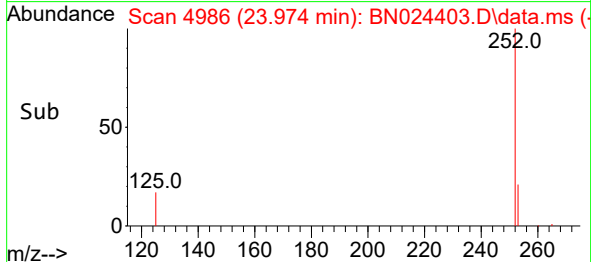
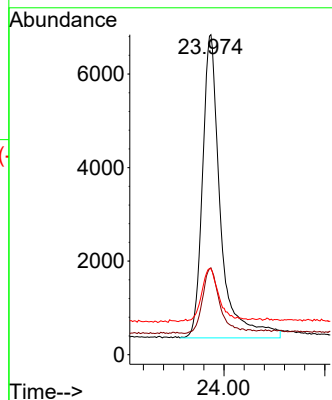
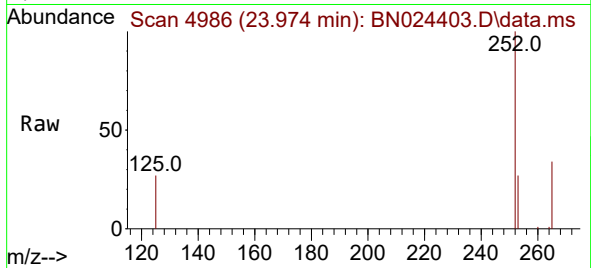




#26
Benzo(a)pyrene
Concen: 0.400 ng/ul
RT: 23.974 min Scan# 4986
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

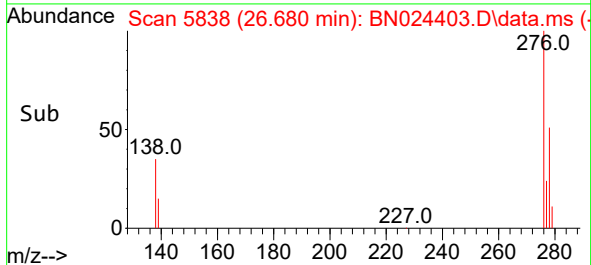
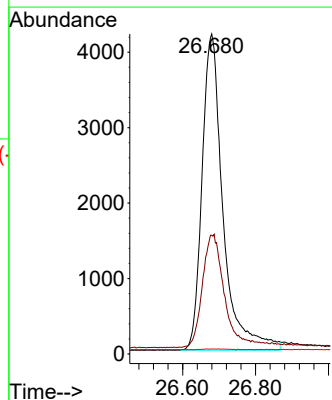
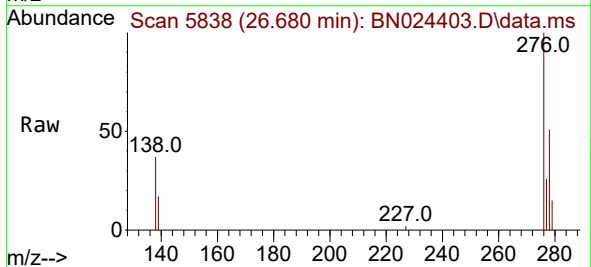
Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

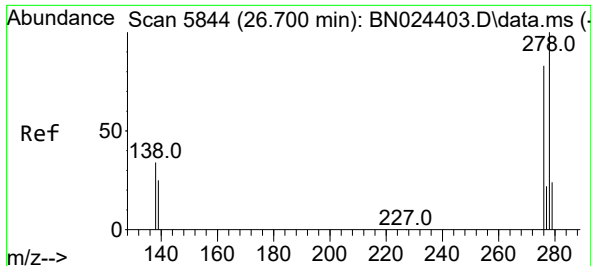
Tgt Ion:252 Resp: 16007
Ion Ratio Lower Upper
252 100
253 27.1 19.2 28.8
125 26.8 15.8 23.6#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.371 ng/ul
RT: 26.680 min Scan# 5838
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:276 Resp: 16736
Ion Ratio Lower Upper
276 100
138 38.5 0.0 0.0#
227 0.3 0.0 0.0#

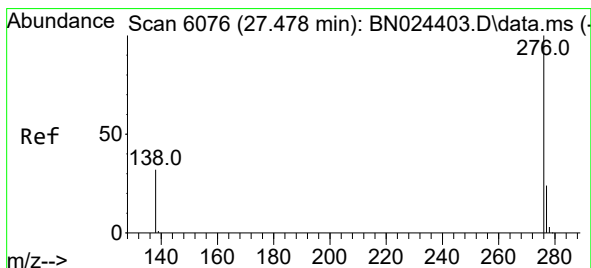
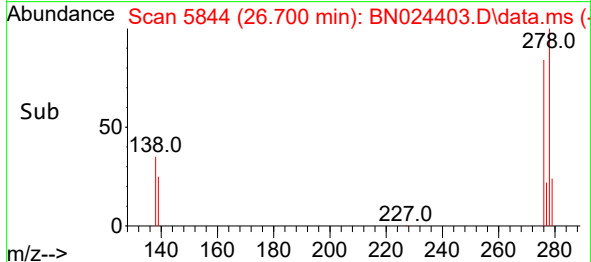
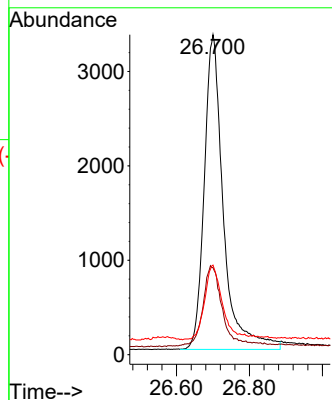
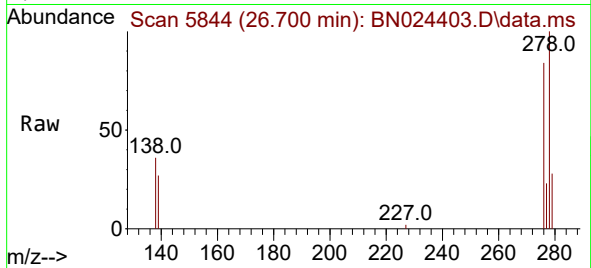




#28
Dibenzo(a,h)anthracene
Concen: 0.353 ng/ul
RT: 26.700 min Scan# 5844
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Instrument :
BNA_N
ClientSampleId :
SSTD0.4393

Tgt Ion:278 Resp: 12117
Ion Ratio Lower Upper
278 100
139 27.2 21.0 31.6
279 28.0 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 27.478 min Scan# 6076
Delta R.T. 0.000 min
Lab File: BN024403.D
Acq: 20 Mar 2023 09:55

Tgt Ion:276 Resp: 15806
Ion Ratio Lower Upper
276 100
138 34.3 25.2 37.8
277 25.4 19.4 29.2

