

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
 Data File : BN024075.D
 Acq On : 21 Feb 2023 10:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4383

Quant Time: Feb 22 01:29:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN013023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 14:45:13 2023
 Response via : Initial Calibration

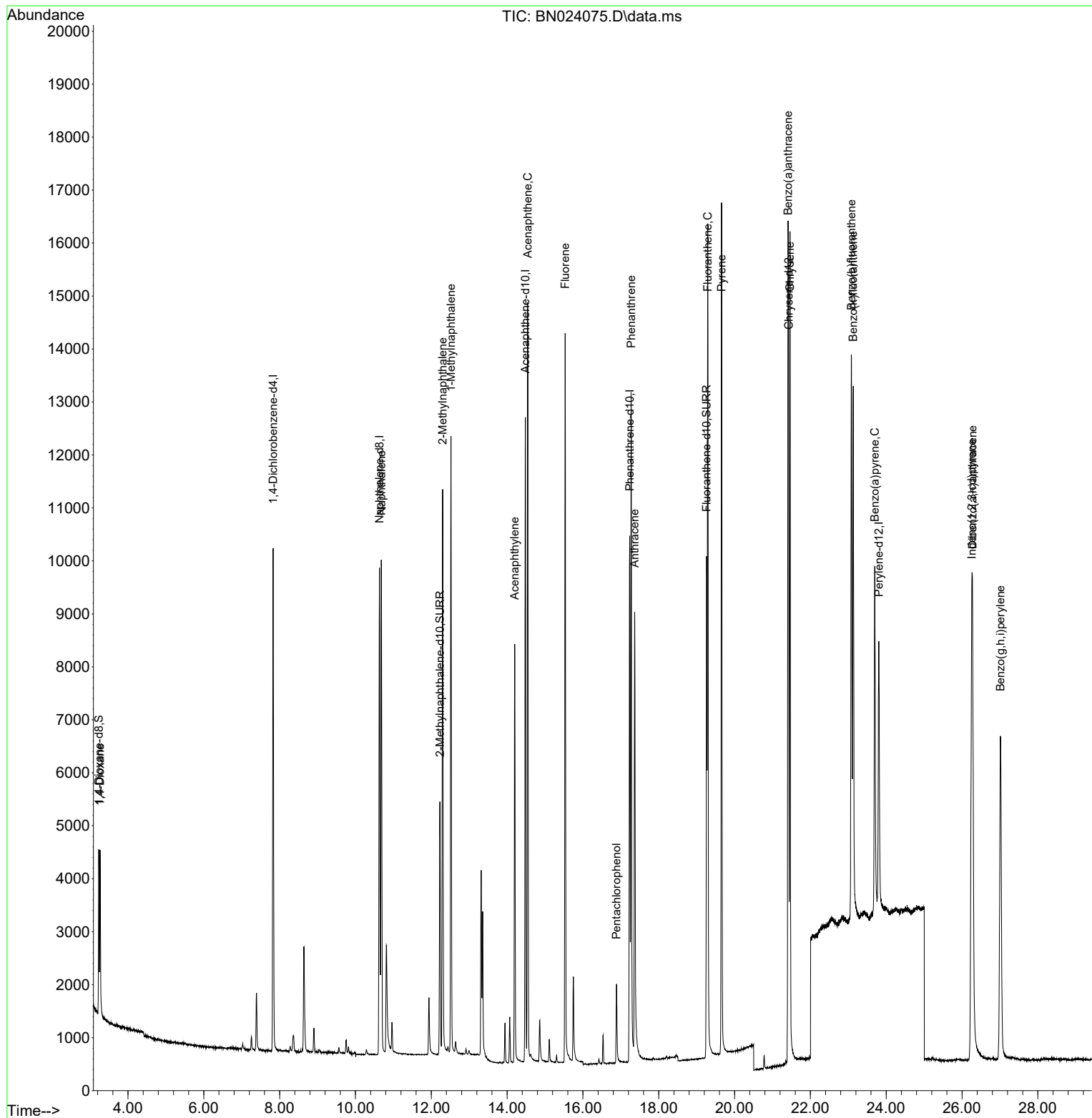
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4815	0.400	ng/ul	0.00
4) Naphthalene-d8	10.632	136	12225	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.482	164	6325	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.233	188	12080	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.426	240	9789	0.400	ng/ul	# 0.00
23) Perylene-d12	23.805	264	7758	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.231	96	1905	0.369	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.227	152	6158	0.322	ng/ul	0.00
18) Fluoranthene-d10	19.261	212	10744	0.409	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.265	88	1972	0.361	ng/ul#	84
5) Naphthalene	10.682	128	12319	0.368	ng/ul	99
7) 2-Methylnaphthalene	12.299	142	7386	0.340	ng/ul	100
8) 1-Methylnaphthalene	12.519	142	7643	0.343	ng/ul	100
10) Acenaphthylene	14.200	152	9050	0.374	ng/ul	99
11) Acenaphthene	14.542	153	8062	0.379	ng/ul	99
12) Fluorene	15.532	166	8704	0.338	ng/ul	97
14) Pentachlorophenol	16.886	266	1127	0.283	ng/ul	100
15) Phenanthrene	17.271	178	13282	0.369	ng/ul	99
16) Anthracene	17.364	178	10733	0.356	ng/ul	99
19) Fluoranthene	19.293	202	14027	0.431	ng/ul#	95
20) Pyrene	19.656	202	14047	0.417	ng/ul#	94
21) Benzo(a)anthracene	21.409	228	11857	0.357	ng/ul	99
22) Chrysene	21.461	228	13510	0.386	ng/ul	98
24) Benzo(b)fluoranthene	23.080	252	13964	0.407	ng/ul	98
25) Benzo(k)fluoranthene	23.130	252	13423	0.401	ng/ul#	96
26) Benzo(a)pyrene	23.697	252	10515	0.368	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.255	276	15087	0.377	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.275	278	11853	0.370	ng/ul#	96
29) Benzo(g,h,i)perylene	27.013	276	13425	0.407	ng/ul	96

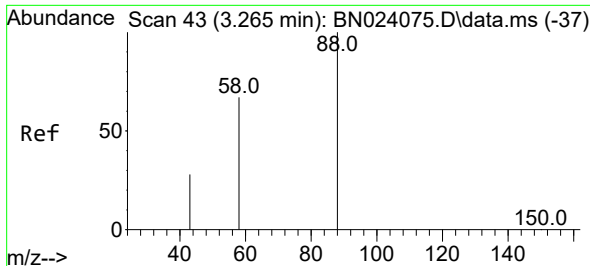
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 01:29:37 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration

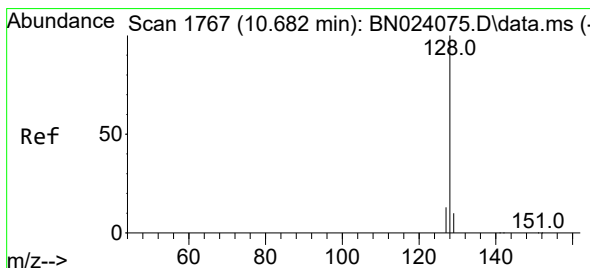
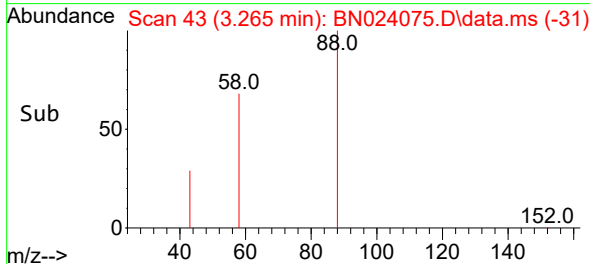
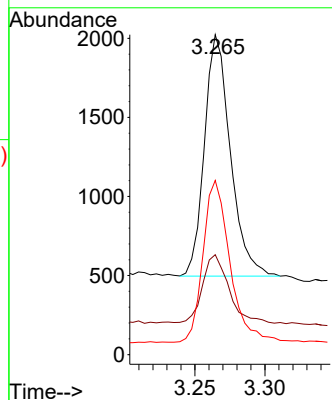
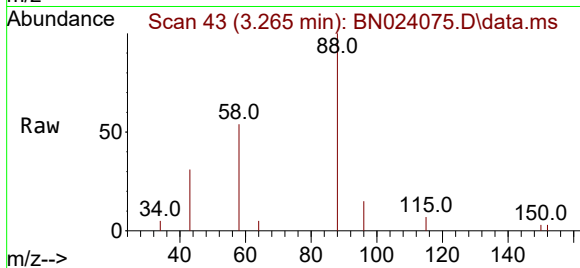




#2
1,4-Dioxane
Concen: 0.361 ng/ul
RT: 3.265 min Scan# 41
Delta R.T. -0.000 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

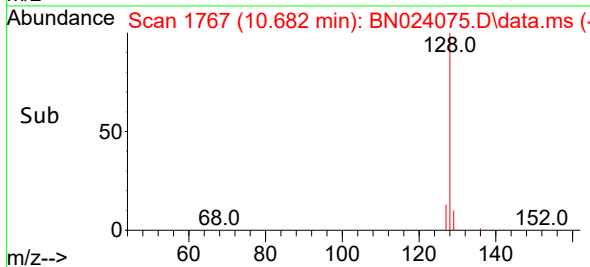
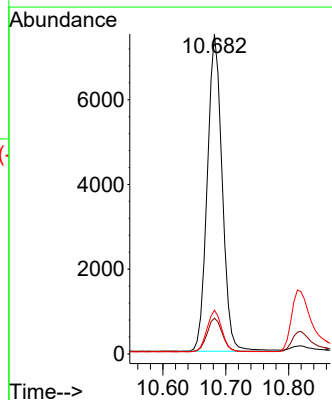
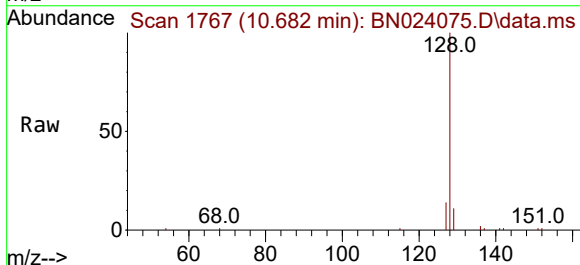
Instrument :
BNA_N
ClientSampleId :
SSTD0.4383

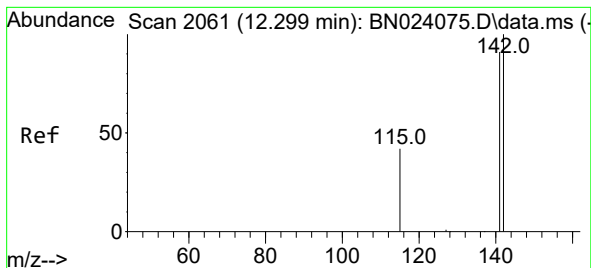
Tgt Ion: 88 Resp: 1972
Ion Ratio Lower Upper
88 100
43 31.2 41.9 62.9#
58 54.4 45.6 68.4



#5
Naphthalene
Concen: 0.368 ng/ul
RT: 10.682 min Scan# 1767
Delta R.T. -0.007 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion: 128 Resp: 12319
Ion Ratio Lower Upper
128 100
129 11.1 9.7 14.5
127 13.7 11.1 16.7

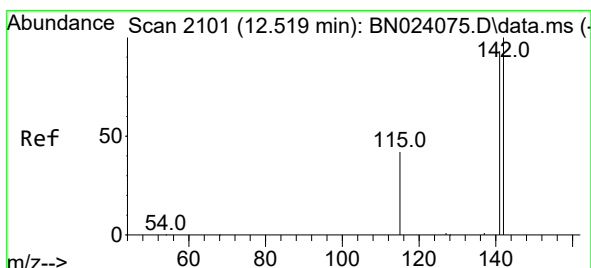
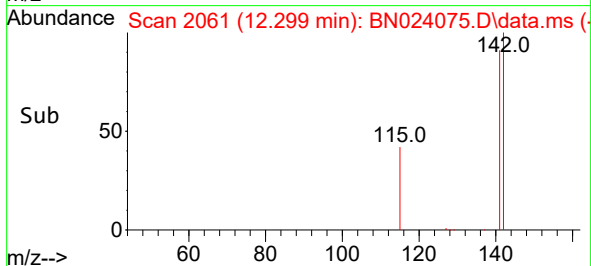
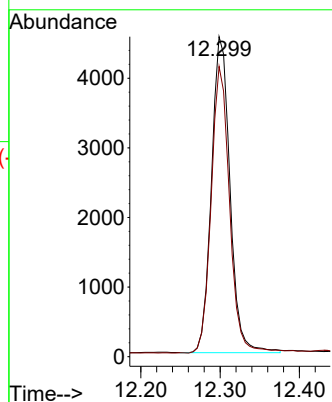
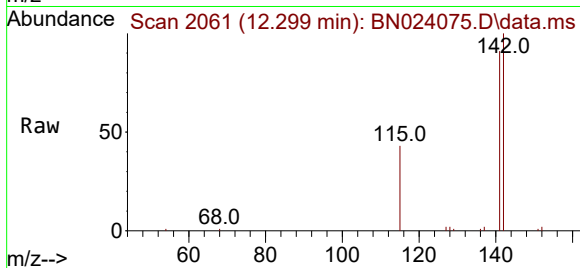




#7
2-Methylnaphthalene
Concen: 0.340 ng/ul
RT: 12.299 min Scan# 2061
Delta R.T. -0.007 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

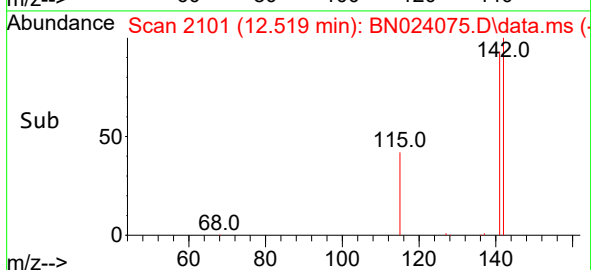
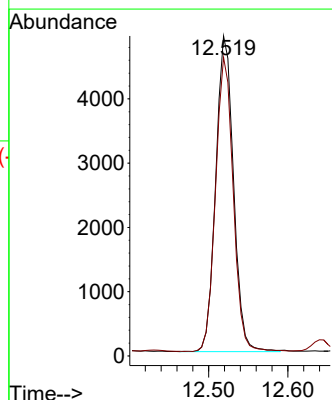
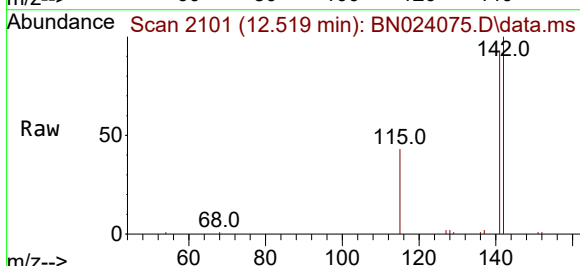
Instrument :
BNA_N
ClientSampleId :
SSTD0.4383

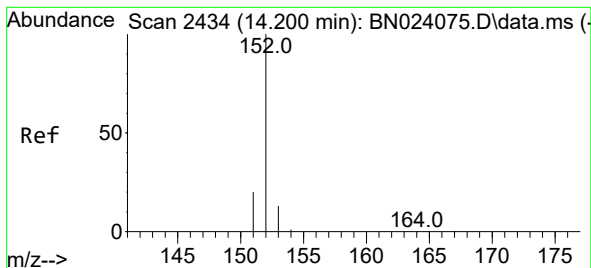
Tgt Ion:142 Resp: 7386
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.343 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. -0.007 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:142 Resp: 7643
Ion Ratio Lower Upper
142 100
141 92.8 74.1 111.1





#10

Acenaphthylene

Concen: 0.374 ng/ul

RT: 14.200 min Scan# 2434

Delta R.T. -0.011 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4383

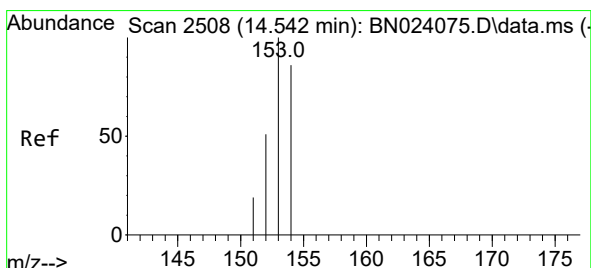
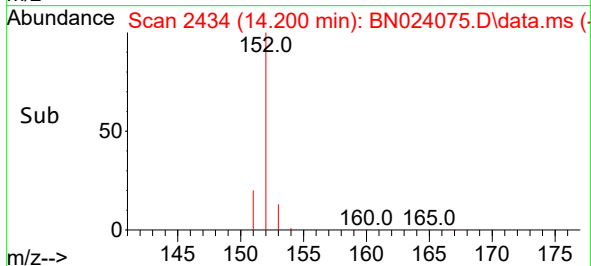
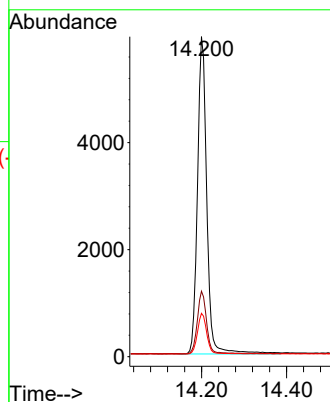
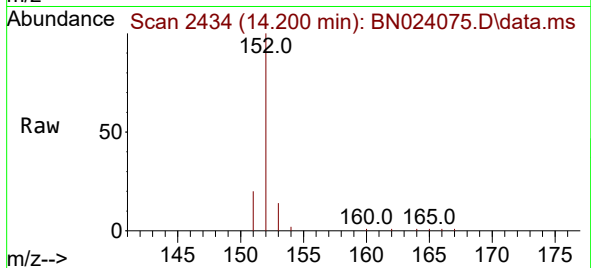
Tgt Ion:152 Resp: 9050

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.4

153 13.5 11.1 16.7



#11

Acenaphthene

Concen: 0.379 ng/ul

RT: 14.542 min Scan# 2508

Delta R.T. -0.006 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

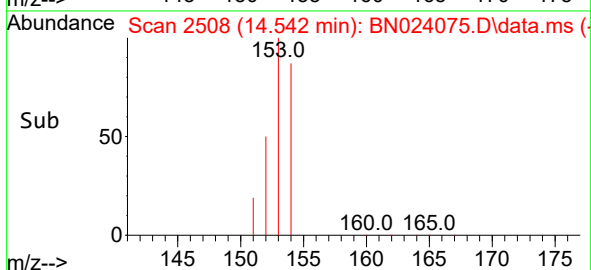
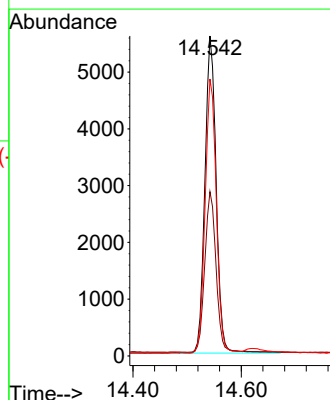
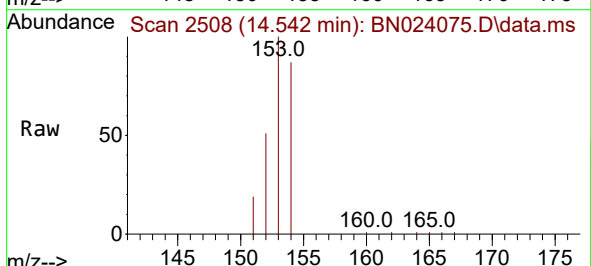
Tgt Ion:153 Resp: 8062

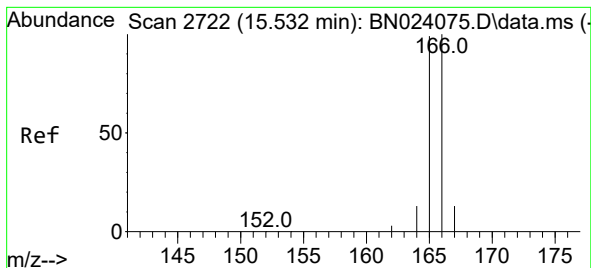
Ion Ratio Lower Upper

153 100

152 51.4 39.6 59.4

154 86.6 68.8 103.2





#12

Fluorene

Concen: 0.338 ng/ul

RT: 15.532 min Scan# 21

Delta R.T. -0.006 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4383

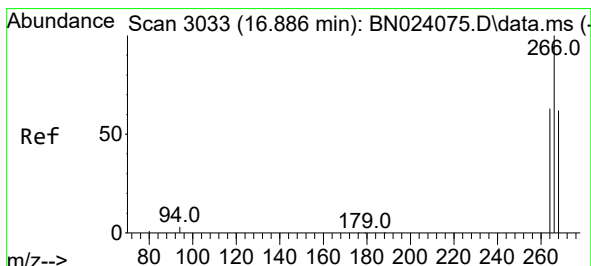
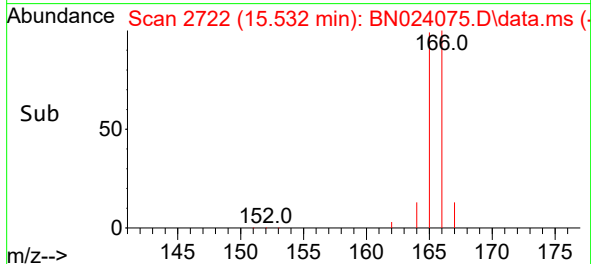
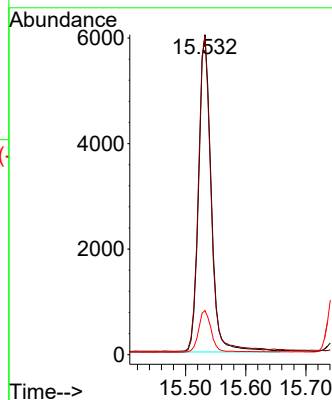
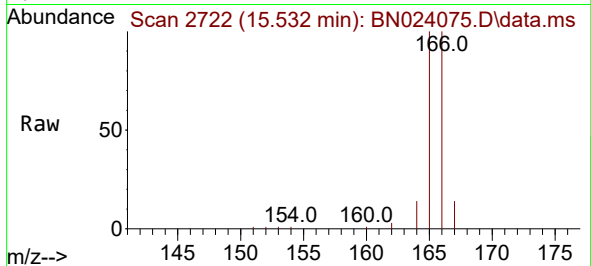
Tgt Ion:166 Resp: 8704

Ion Ratio Lower Upper

166 100

165 99.6 77.4 116.2

167 13.8 11.4 17.0



#14

Pentachlorophenol

Concen: 0.283 ng/ul

RT: 16.886 min Scan# 3033

Delta R.T. -0.006 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

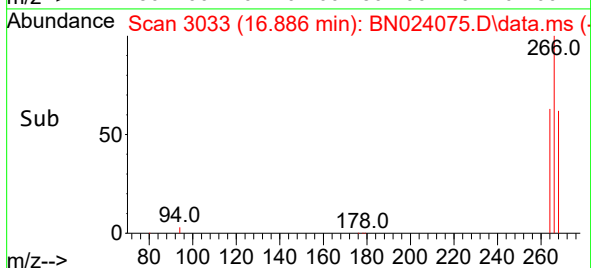
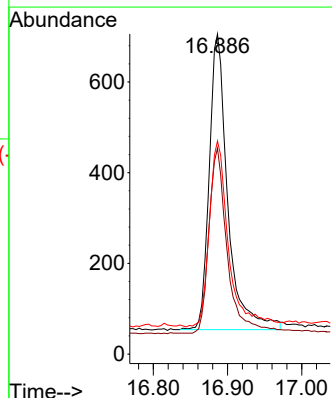
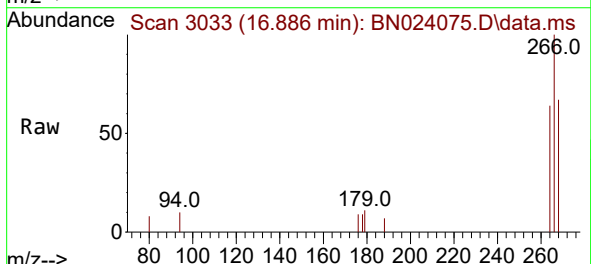
Tgt Ion:266 Resp: 1127

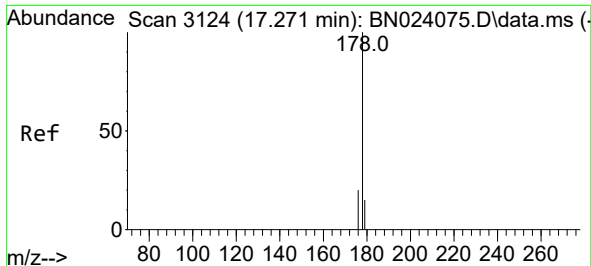
Ion Ratio Lower Upper

266 100

264 61.7 49.4 74.0

268 65.3 52.0 78.0

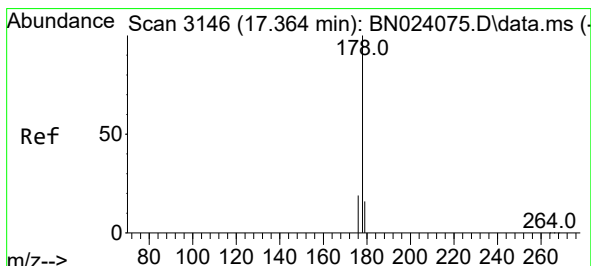
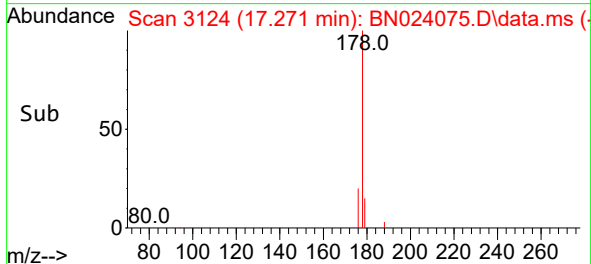
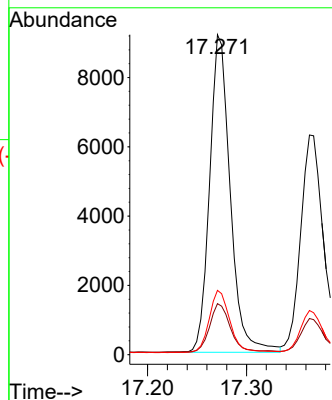
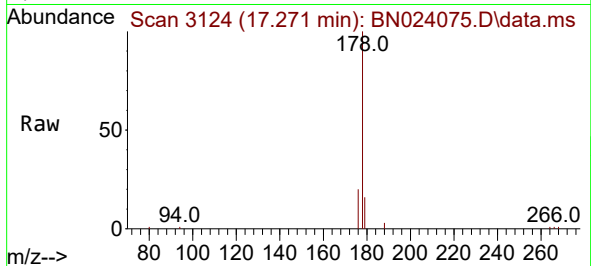




#15
Phenanthrene
Concen: 0.369 ng/ul
RT: 17.271 min Scan# 3124
Delta R.T. -0.010 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

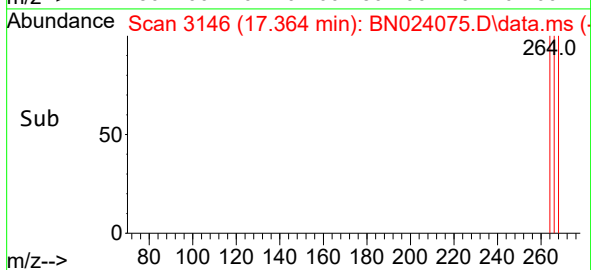
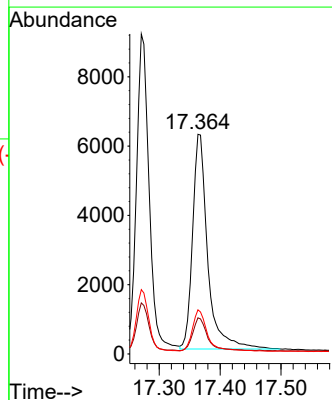
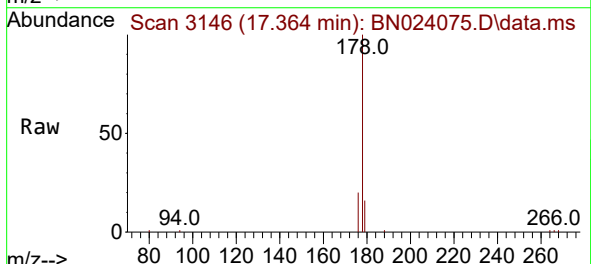
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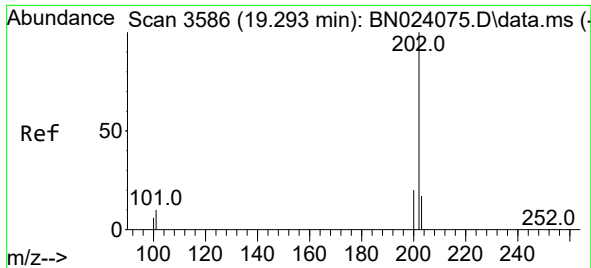
Tgt Ion:178 Resp: 13282
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 20.1 15.7 23.5



#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.364 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:178 Resp: 10733
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.0
176 20.1 15.4 23.2

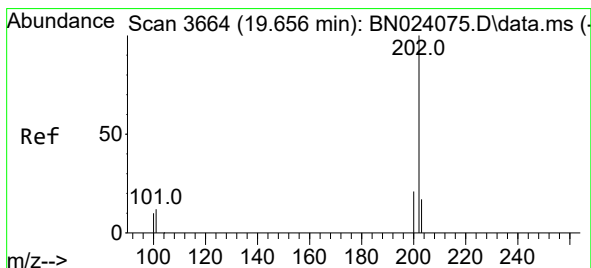
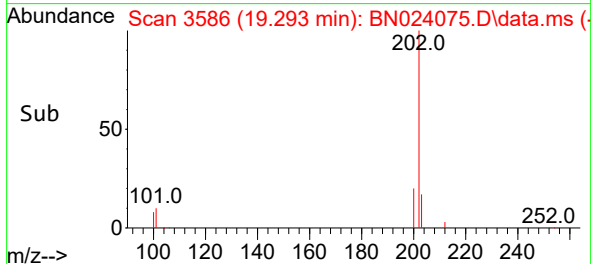
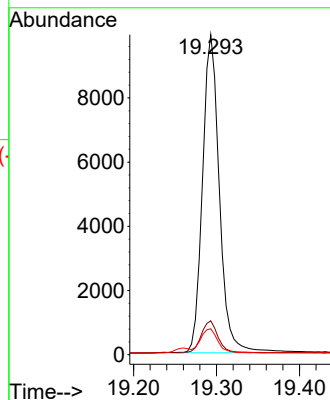
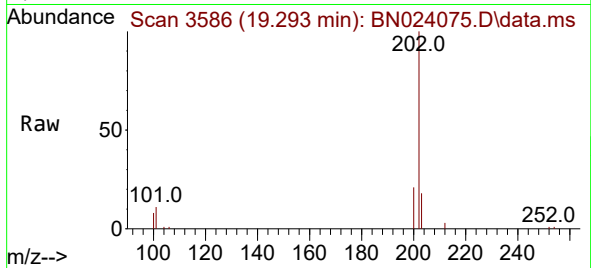




#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.293 min Scan# 3586
Delta R.T. -0.006 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

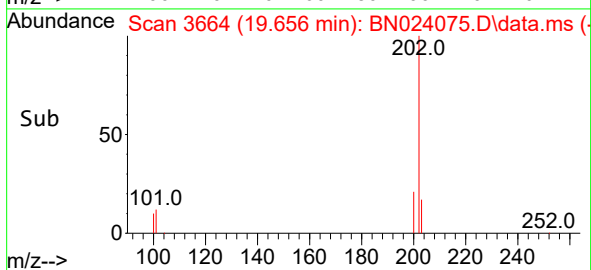
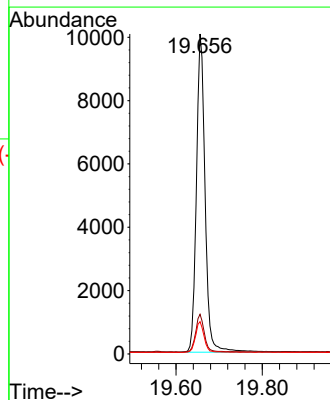
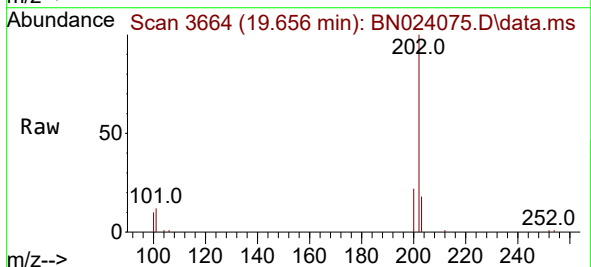
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ClientSampleId :
SSTD0.4383

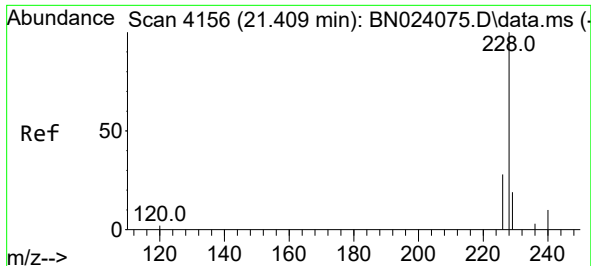
Tgt Ion:202 Resp: 14027
Ion Ratio Lower Upper
202 100
101 10.6 6.8 10.2#
100 8.1 5.2 7.8#



#20
Pyrene
Concen: 0.417 ng/ul
RT: 19.656 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:202 Resp: 14047
Ion Ratio Lower Upper
202 100
101 12.4 8.1 12.1#
100 10.1 6.2 9.4#

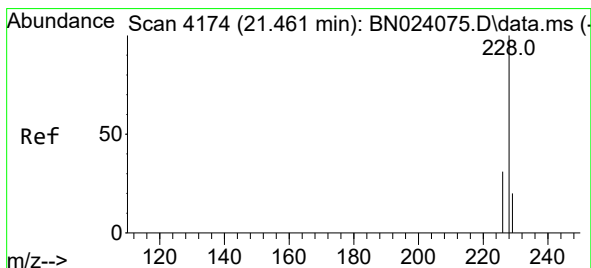
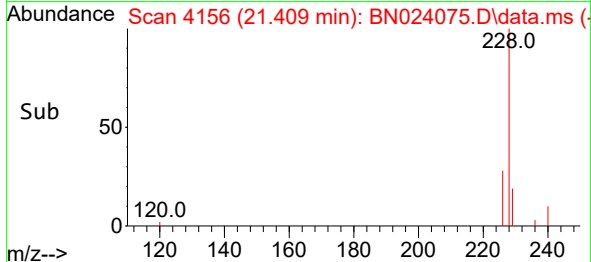
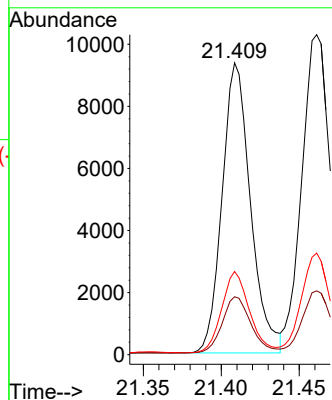
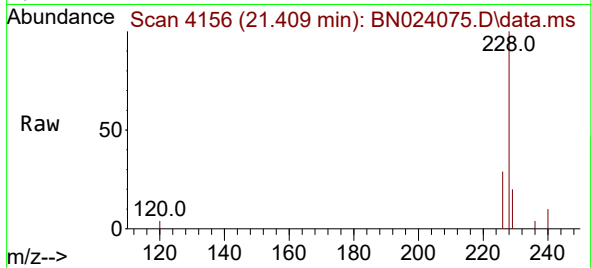




#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.409 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

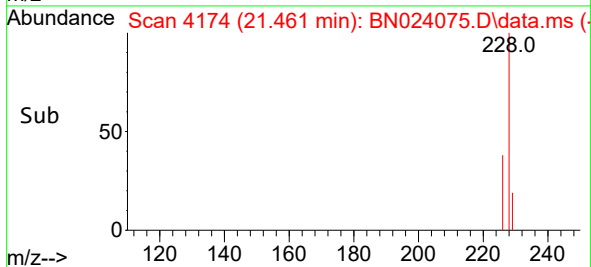
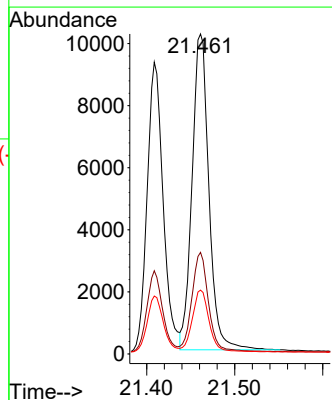
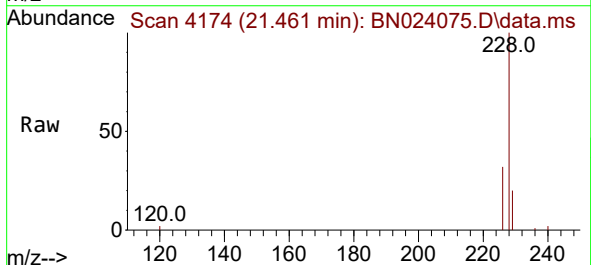
Instrument :
BNA_N
ClientSampleId :
SSTD0.4383

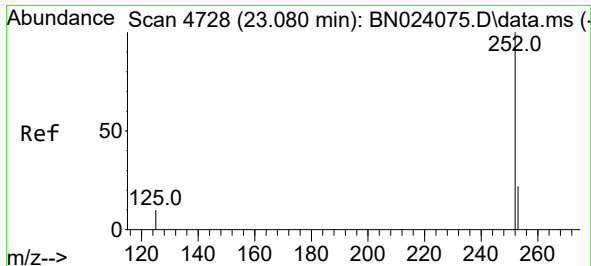
Tgt Ion:228 Resp: 11857
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 28.5 22.0 33.0



#22
Chrysene
Concen: 0.386 ng/ul
RT: 21.461 min Scan# 4174
Delta R.T. -0.006 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:228 Resp: 13510
Ion Ratio Lower Upper
228 100
226 31.8 24.2 36.2
229 20.0 15.5 23.3

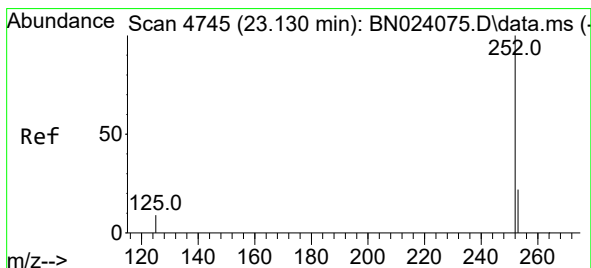
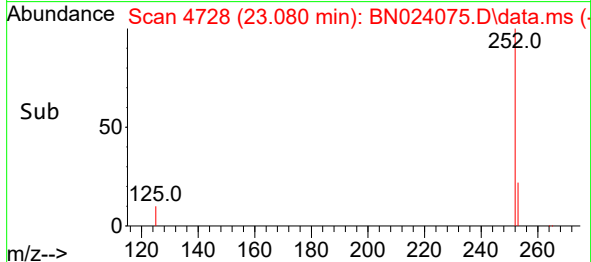
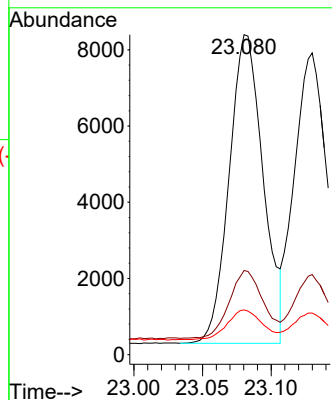
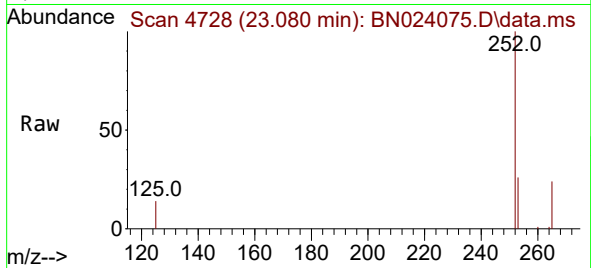




#24
Benzo(b)fluoranthene
Concen: 0.407 ng/ul
RT: 23.080 min Scan# 4728
Delta R.T. -0.012 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

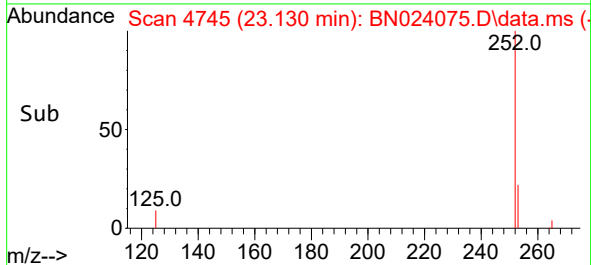
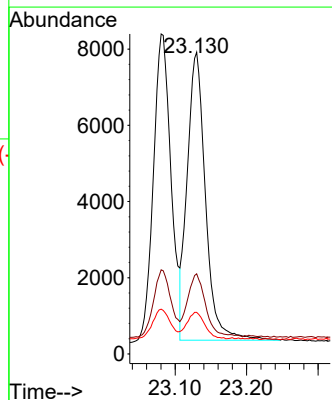
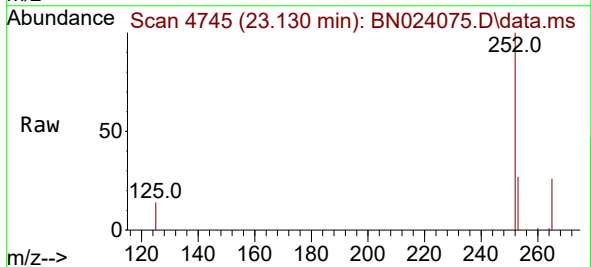
Instrument :
BNA_N
ClientSampleId :
SSTD0.4383

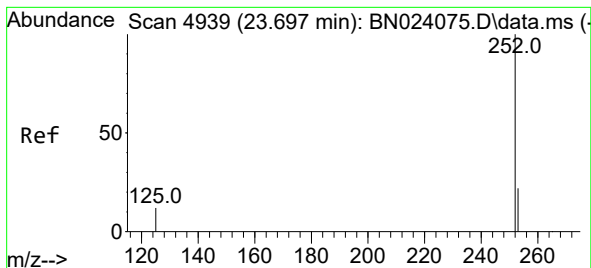
Tgt Ion:252 Resp: 13964
Ion Ratio Lower Upper
252 100
253 26.3 0.0 51.8
125 14.0 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.130 min Scan# 4745
Delta R.T. -0.009 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:252 Resp: 13423
Ion Ratio Lower Upper
252 100
253 26.6 20.2 30.2
125 13.8 9.0 13.4#





#26

Benzo(a)pyrene

Concen: 0.368 ng/ul

RT: 23.697 min Scan# 4939

Delta R.T. -0.009 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

Instrument :

BNA_N

ClientSampleId :

SSTD0.4383

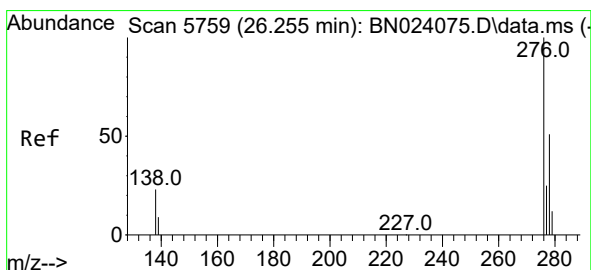
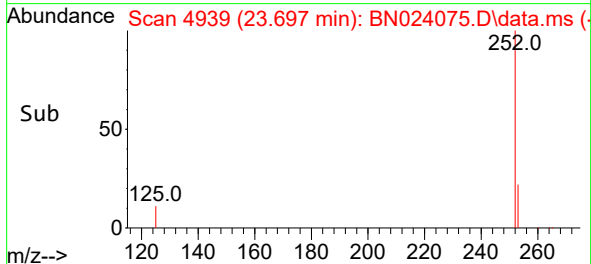
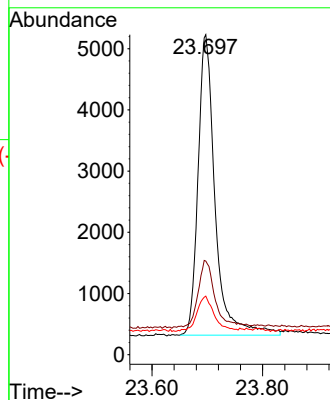
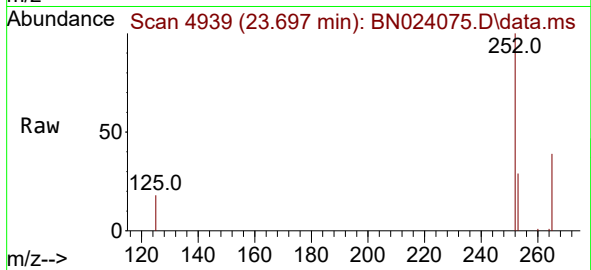
Tgt Ion:252 Resp: 10515

Ion Ratio Lower Upper

252 100

253 29.3 21.5 32.3

125 18.3 11.2 16.8#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.377 ng/ul

RT: 26.255 min Scan# 5759

Delta R.T. -0.037 min

Lab File: BN024075.D

Acq: 21 Feb 2023 10:00

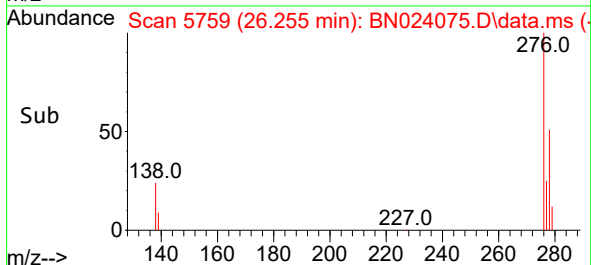
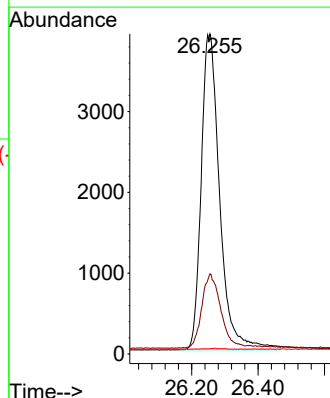
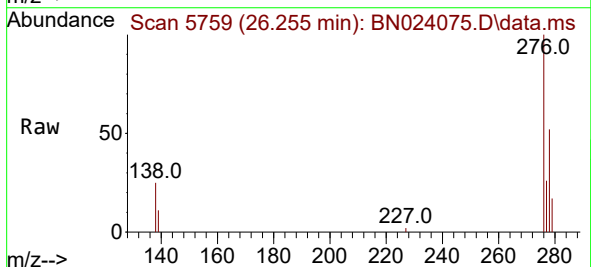
Tgt Ion:276 Resp: 15087

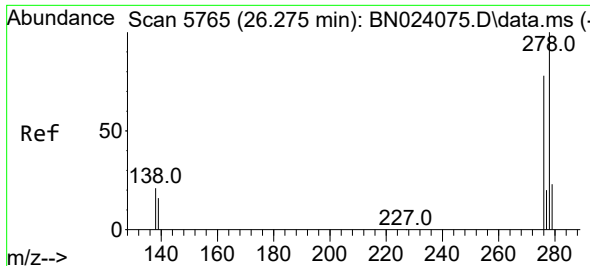
Ion Ratio Lower Upper

276 100

138 23.7 17.0 25.6

227 0.1 0.2 0.4#

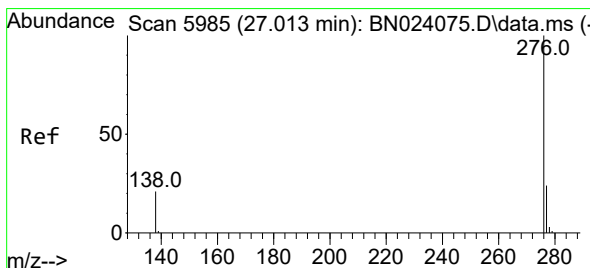
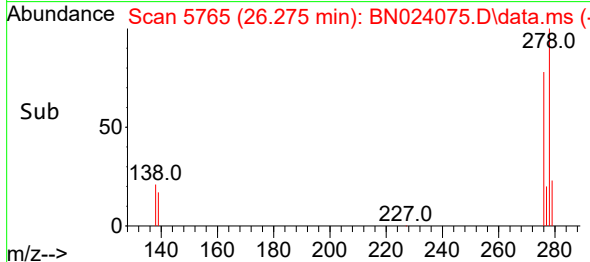
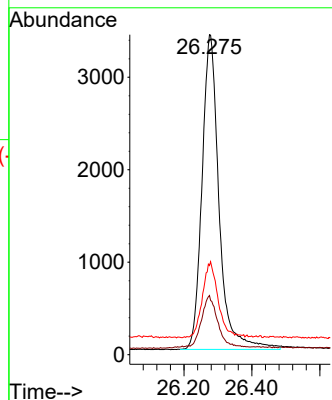
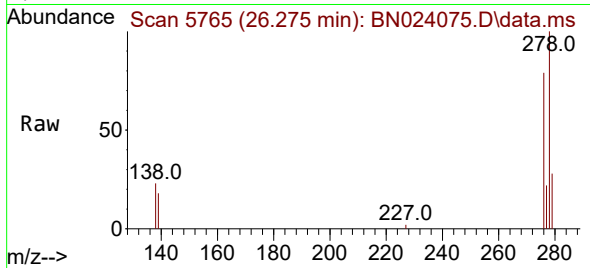




#28
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 26.275 min Scan# 51
Delta R.T. -0.034 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4383

Tgt Ion:278 Resp: 11853
Ion Ratio Lower Upper
278 100
139 18.5 12.3 18.5#
279 27.9 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.407 ng/ul
RT: 27.013 min Scan# 5985
Delta R.T. -0.034 min
Lab File: BN024075.D
Acq: 21 Feb 2023 10:00

Tgt Ion:276 Resp: 13425
Ion Ratio Lower Upper
276 100
138 22.5 15.3 22.9
277 25.1 19.9 29.9

