

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025974.D
 Acq On : 23 Jun 2023 19:02
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4310

Quant Time: Jun 24 01:00:46 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 22 01:27:41 2023
 Response via : Initial Calibration

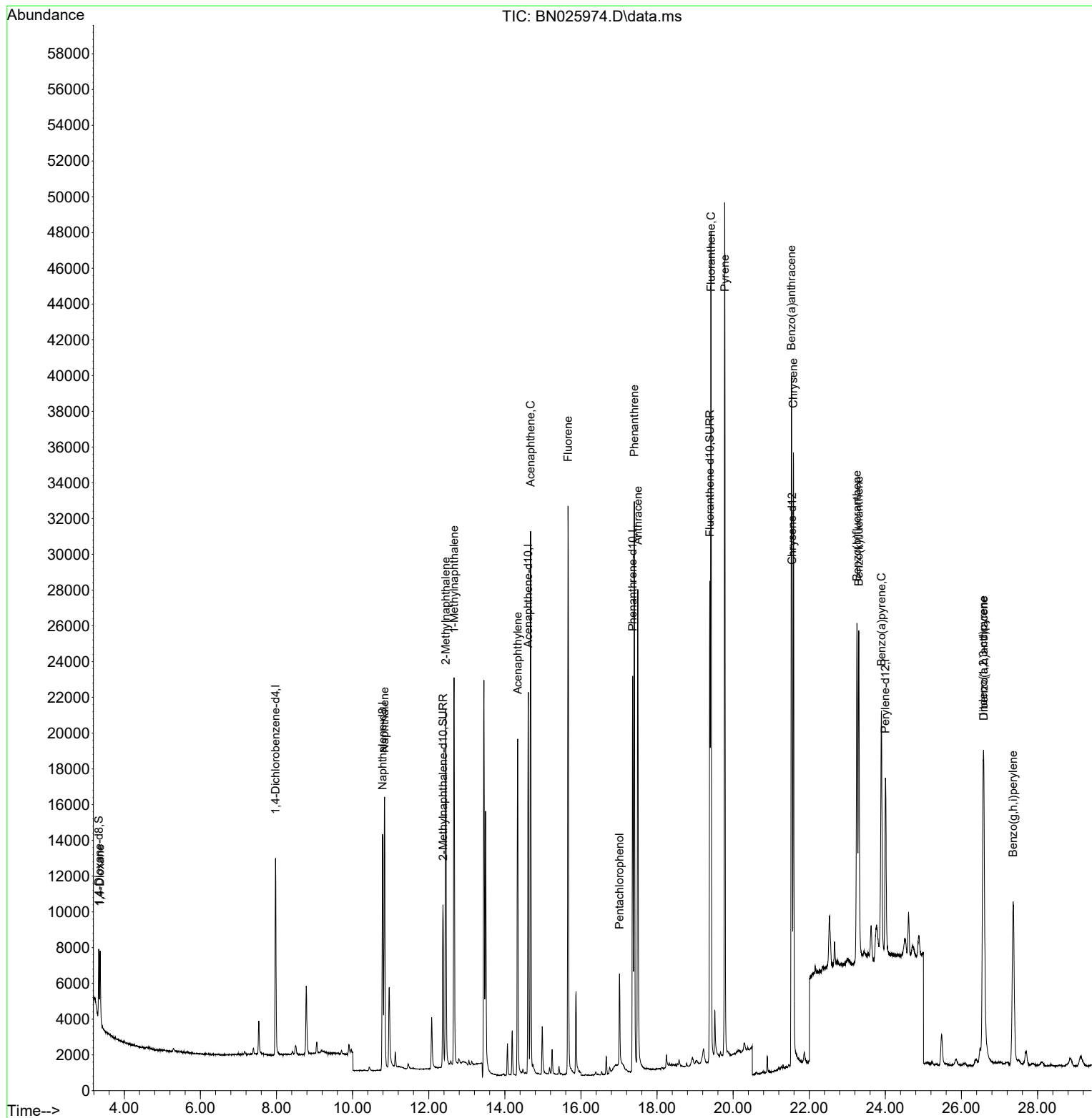
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.976	152	6306	0.400	ng/ul	0.00
4) Naphthalene-d8	10.785	136	19443	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.616	164	12168	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.359	188	26794	0.400	ng/ul	0.00
17) Chrysene-d12	21.548	240	18789	0.400	ng/ul	0.00
23) Perylene-d12	24.001	264	15402	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	2813	0.396	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.375	152	12383	0.414	ng/ul	0.00
18) Fluoranthene-d10	19.386	212	29886	0.418	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	3119	0.414	ng/ul#	74
5) Naphthalene	10.840	128	22411	0.402	ng/ul	99
7) 2-Methylnaphthalene	12.446	142	14672	0.413	ng/ul	100
8) 1-Methylnaphthalene	12.666	142	15222	0.414	ng/ul	99
10) Acenaphthylene	14.338	152	23530	0.413	ng/ul	100
11) Acenaphthene	14.676	153	18778	0.403	ng/ul	99
12) Fluorene	15.661	166	21306	0.399	ng/ul	100
14) Pentachlorophenol	17.013	266	3502	0.365	ng/ul	100
15) Phenanthrene	17.401	178	34771	0.393	ng/ul	99
16) Anthracene	17.494	178	32045	0.407	ng/ul	100
19) Fluoranthene	19.418	202	41136	0.410	ng/ul	98
20) Pyrene	19.781	202	42682	0.409	ng/ul	97
21) Benzo(a)anthracene	21.531	228	31794	0.410	ng/ul	100
22) Chrysene	21.583	228	31938	0.396	ng/ul	100
24) Benzo(b)fluoranthene	23.255	252	27068	0.412	ng/ul	99
25) Benzo(k)fluoranthene	23.302	252	26759	0.405	ng/ul	99
26) Benzo(a)pyrene	23.896	252	22923	0.401	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.570	276	27130	0.435	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.587	278	21183	0.449	ng/ul	96
29) Benzo(g,h,i)perylene	27.358	276	22955	0.414	ng/ul	98

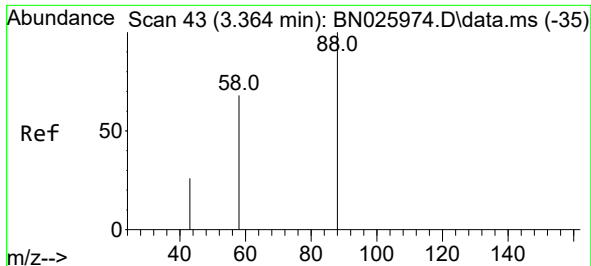
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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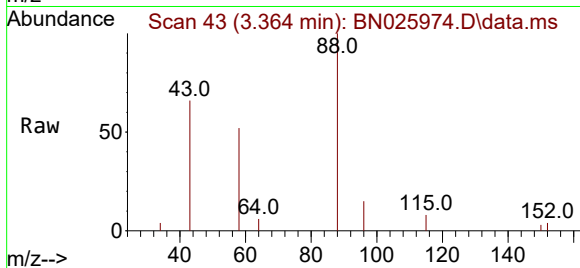
Quant Time: Jun 24 01:00:46 2023
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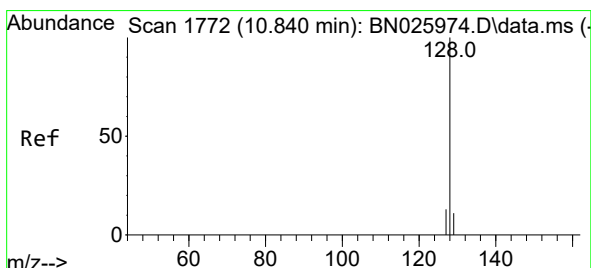
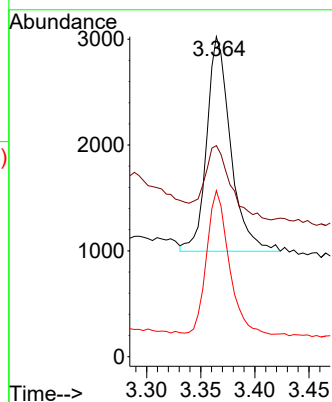
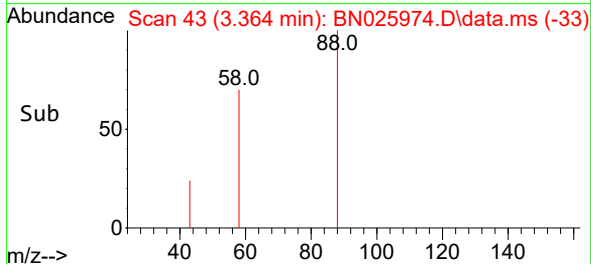


#2
1,4-Dioxane
Concen: 0.414 ng/ul
RT: 3.364 min Scan# 43
Delta R.T. -0.009 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

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SSTD0.4310

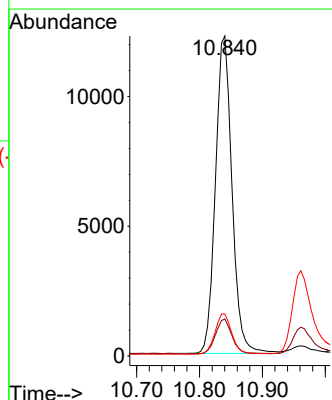
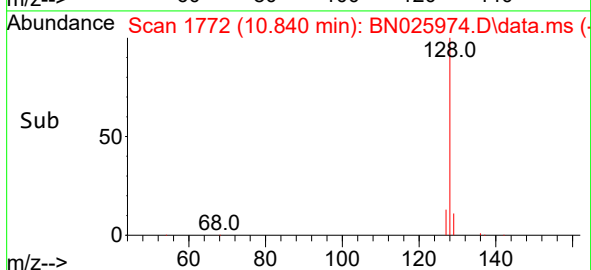
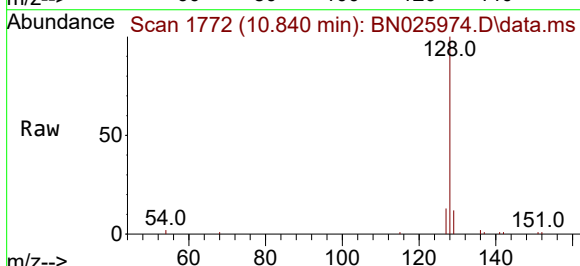


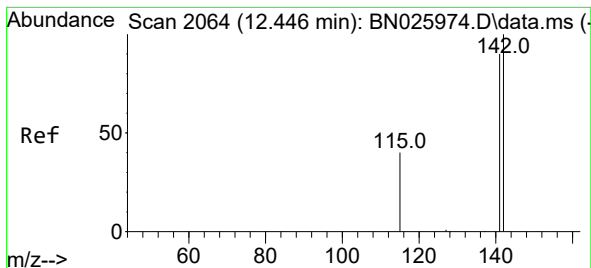
Tgt Ion: 88 Resp: 3119
Ion Ratio Lower Upper
88 100
43 66.0 29.5 44.3#
58 51.9 37.4 56.2



#5
Naphthalene
Concen: 0.402 ng/ul
RT: 10.840 min Scan# 1772
Delta R.T. -0.007 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion: 128 Resp: 22411
Ion Ratio Lower Upper
128 100
129 11.6 9.1 13.7
127 13.1 10.7 16.1

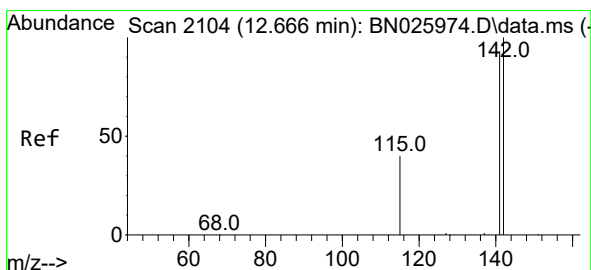
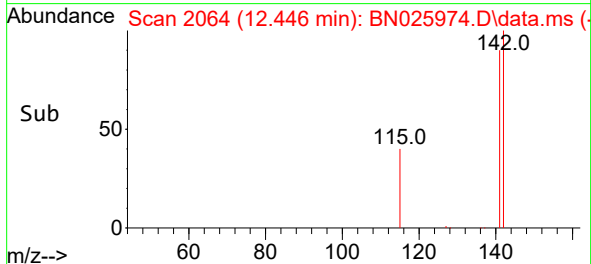
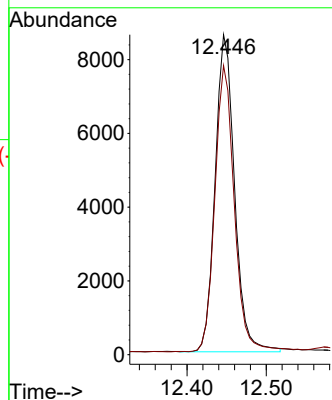
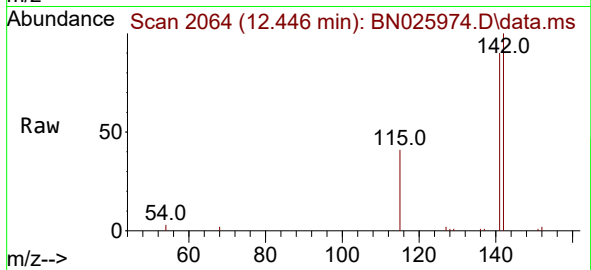




#7
2-Methylnaphthalene
Concen: 0.413 ng/ul
RT: 12.446 min Scan# 2064
Delta R.T. -0.007 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

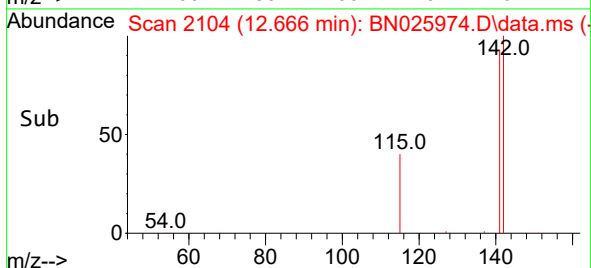
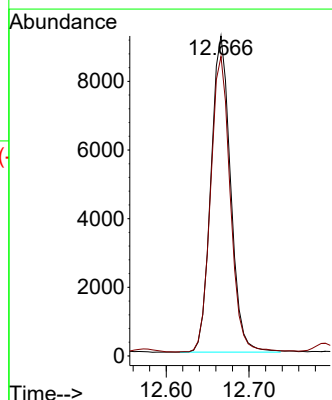
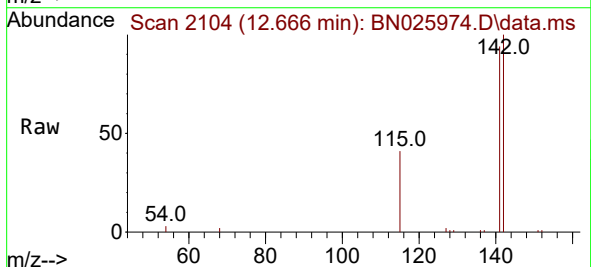
Instrument :
BNA_N
ClientSampleId :
SSTD0.4310

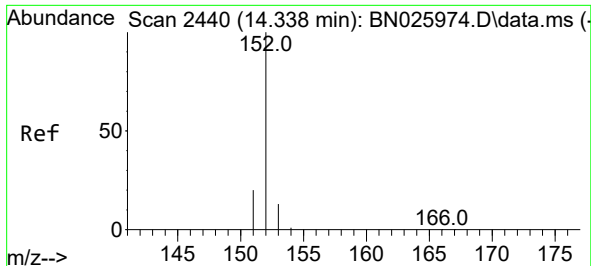
Tgt Ion:142 Resp: 14672
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.666 min Scan# 2104
Delta R.T. -0.007 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:142 Resp: 15222
Ion Ratio Lower Upper
142 100
141 93.3 74.2 111.4

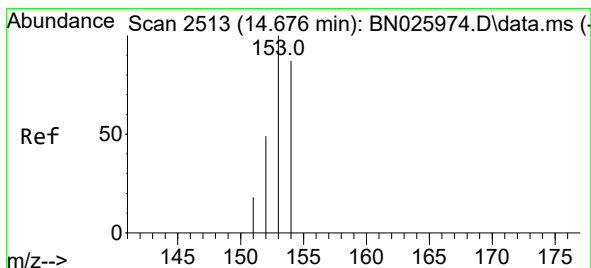
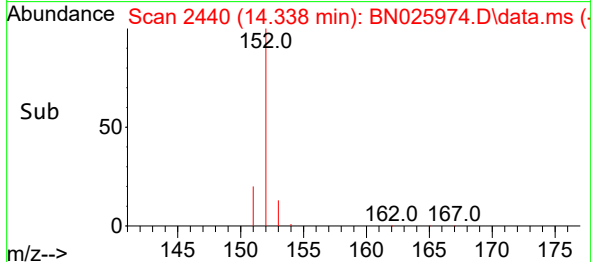
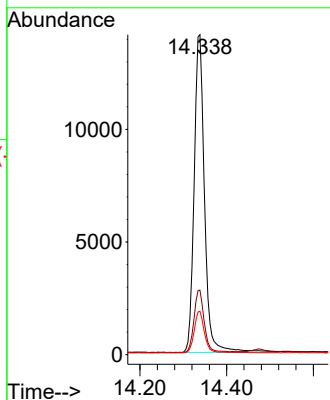
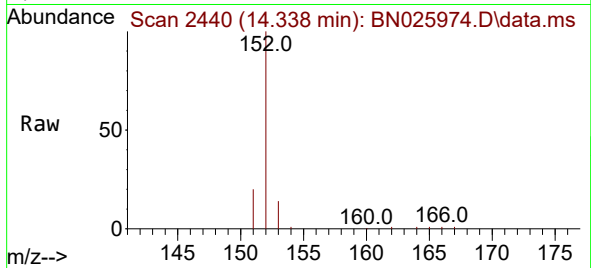




#10
Acenaphthylene
Concen: 0.413 ng/ul
RT: 14.338 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

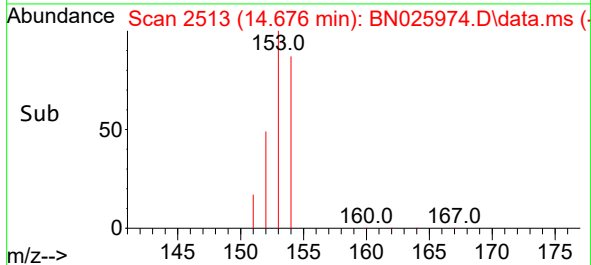
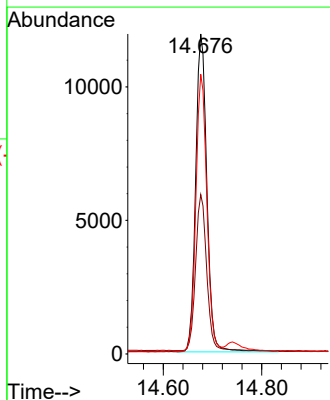
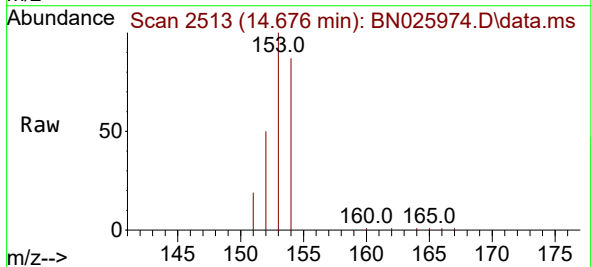
Instrument :
BNA_N
ClientSampleId :
SSTD0.4310

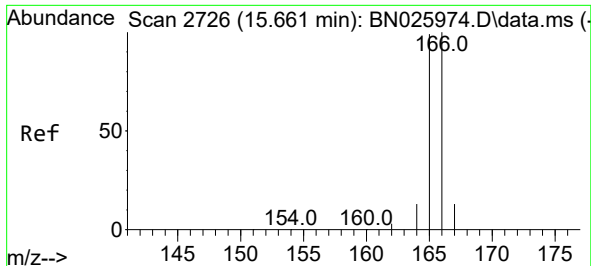
Tgt Ion:152 Resp: 23530
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.5 10.9 16.3



#11
Acenaphthene
Concen: 0.403 ng/ul
RT: 14.676 min Scan# 2513
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:153 Resp: 18778
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.0
154 87.4 68.9 103.3

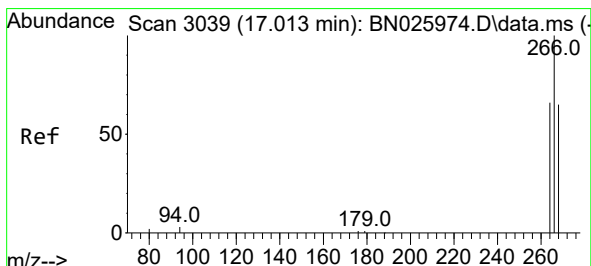
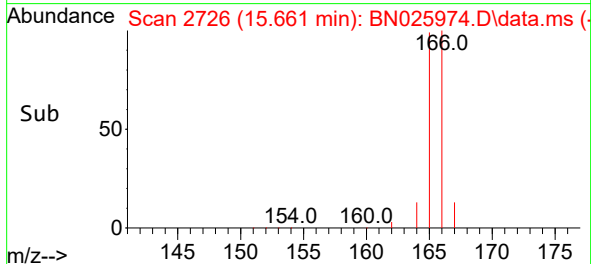
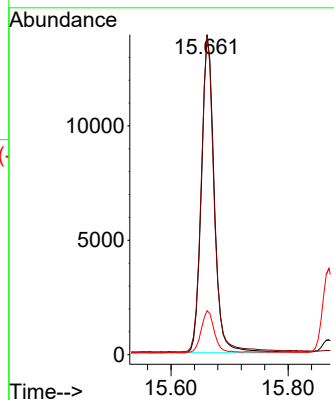
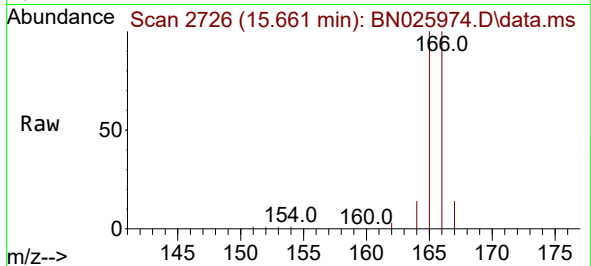




#12
Fluorene
Concen: 0.399 ng/ul
RT: 15.661 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

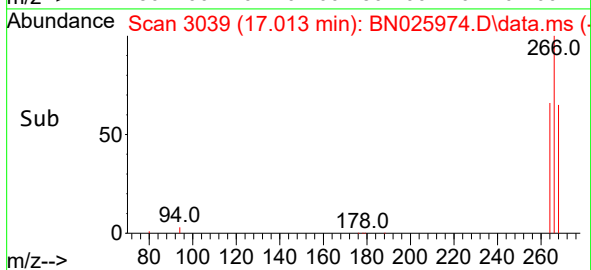
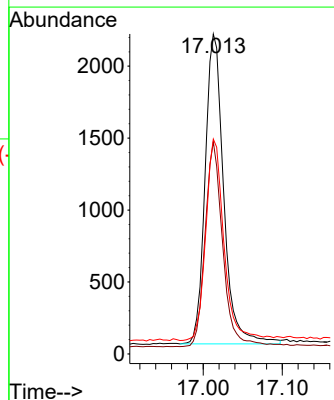
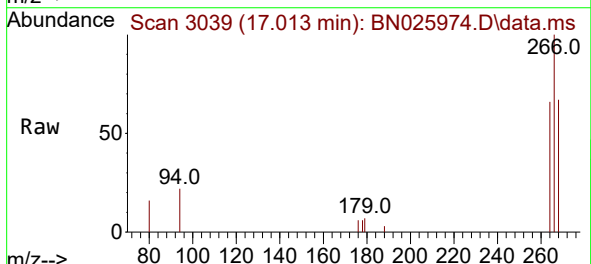
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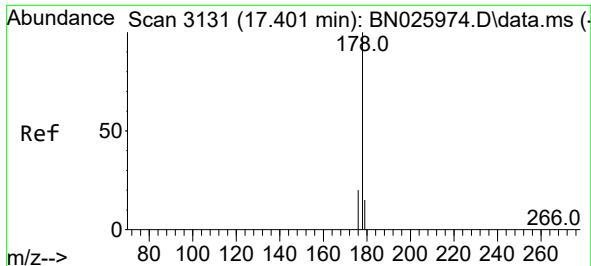
Tgt Ion:166 Resp: 21306
Ion Ratio Lower Upper
166 100
165 99.7 79.9 119.9
167 13.8 10.8 16.2



#14
Pentachlorophenol
Concen: 0.365 ng/ul
RT: 17.013 min Scan# 3039
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:266 Resp: 3502
Ion Ratio Lower Upper
266 100
264 62.9 50.5 75.7
268 64.7 51.6 77.4

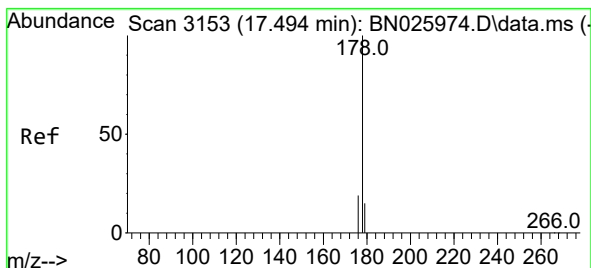
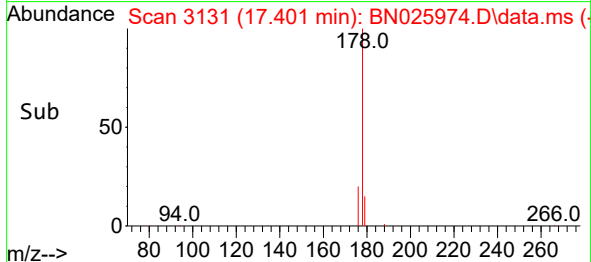
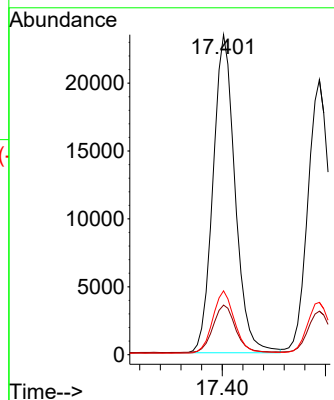
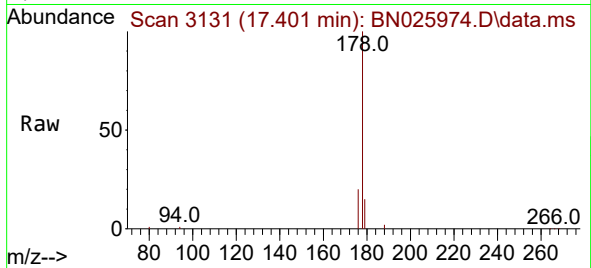




#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.401 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

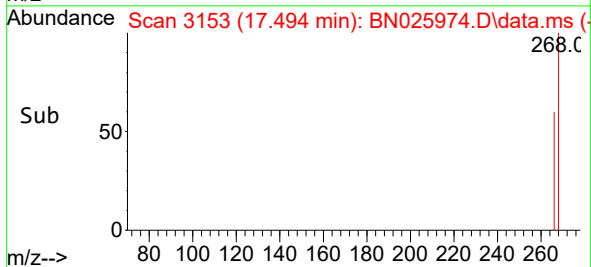
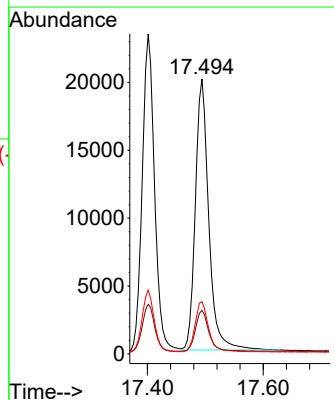
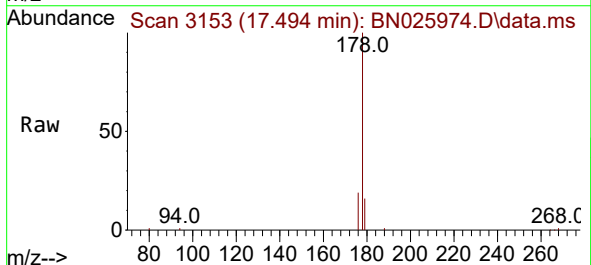
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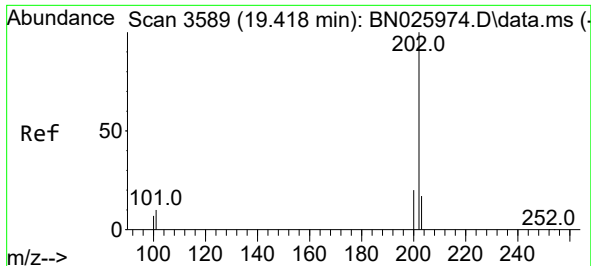
Tgt Ion:178 Resp: 34771
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.9 15.8 23.6



#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.494 min Scan# 3153
Delta R.T. -0.005 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:178 Resp: 32045
Ion Ratio Lower Upper
178 100
179 15.8 12.6 18.8
176 19.0 15.1 22.7

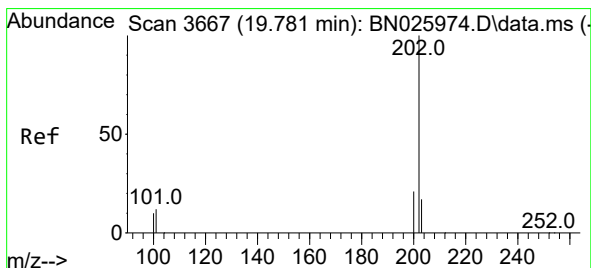
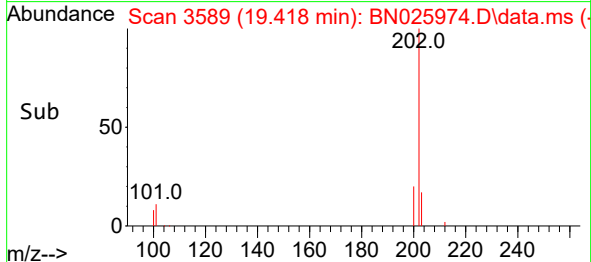
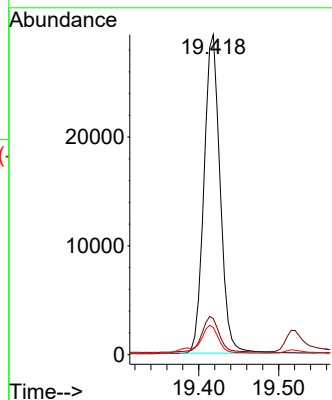
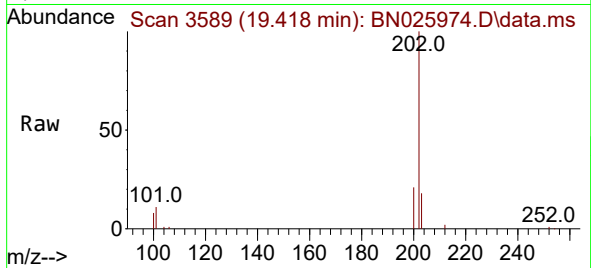




#19
Fluoranthene
Concen: 0.410 ng/ul
RT: 19.418 min Scan# 3589
Delta R.T. -0.001 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

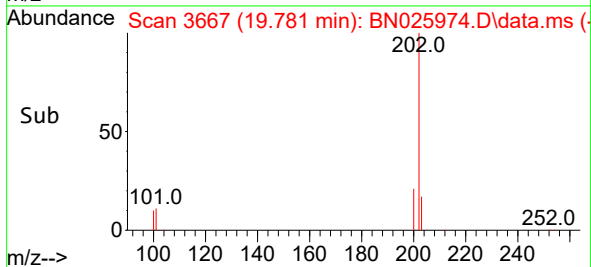
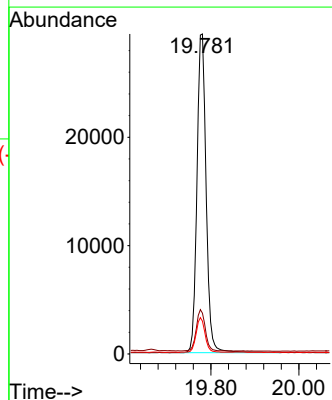
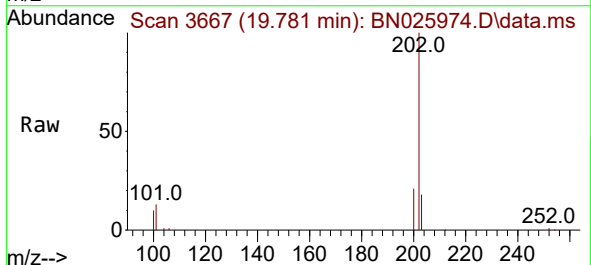
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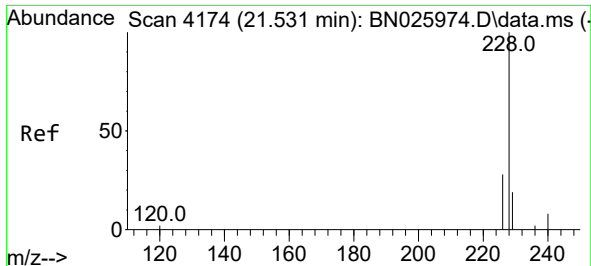
Tgt Ion:202 Resp: 41136
Ion Ratio Lower Upper
202 100
101 11.3 9.5 14.3
100 8.5 7.3 10.9



#20
Pyrene
Concen: 0.409 ng/ul
RT: 19.781 min Scan# 3667
Delta R.T. -0.001 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:202 Resp: 42682
Ion Ratio Lower Upper
202 100
101 12.7 11.4 17.0
100 10.3 9.1 13.7

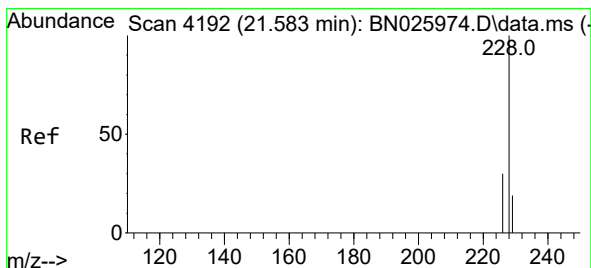
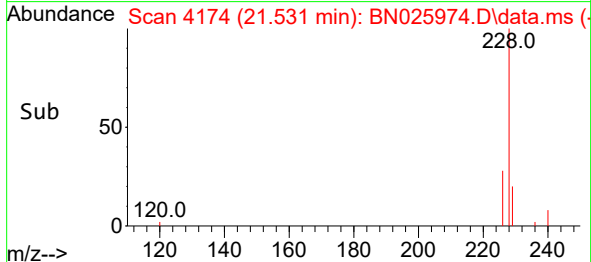
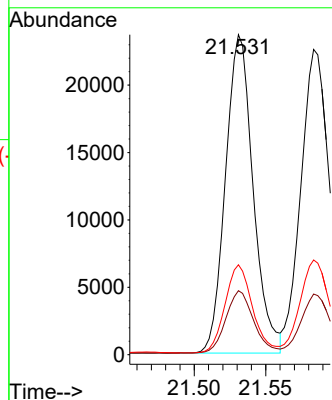
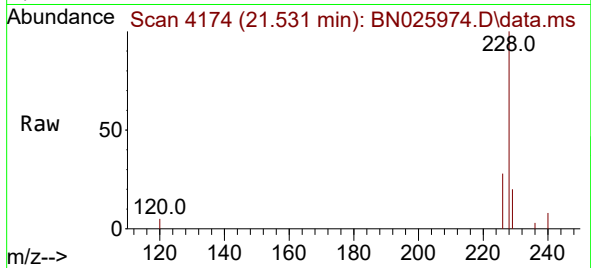




#21
Benzo(a)anthracene
Concen: 0.410 ng/ul
RT: 21.531 min Scan# 4174
Delta R.T. -0.001 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

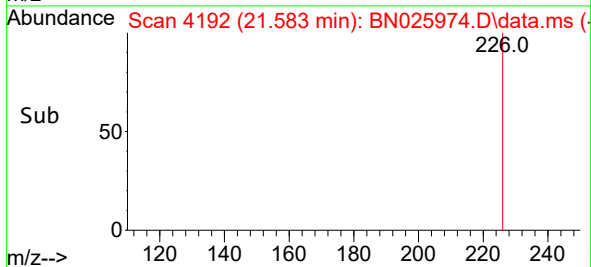
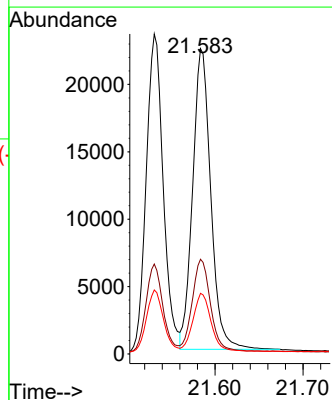
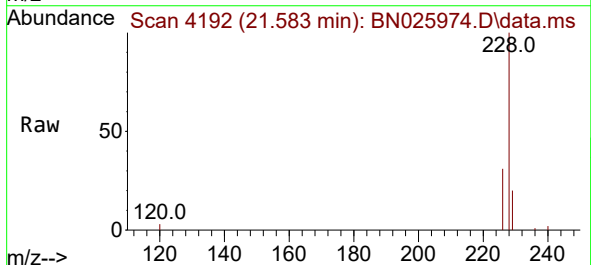
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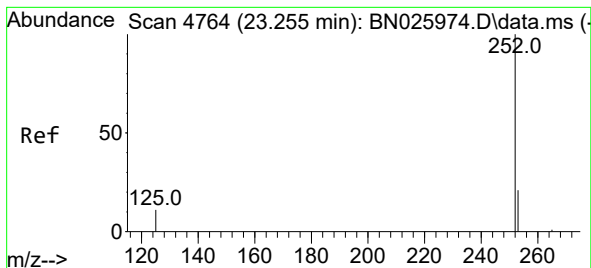
Tgt Ion:228 Resp: 31794
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.6
226 28.1 22.5 33.7



#22
Chrysene
Concen: 0.396 ng/ul
RT: 21.583 min Scan# 4192
Delta R.T. -0.001 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:228 Resp: 31938
Ion Ratio Lower Upper
228 100
226 31.0 24.8 37.2
229 19.9 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 0.412 ng/ul

RT: 23.255 min Scan# 4764

Delta R.T. -0.001 min

Lab File: BN025974.D

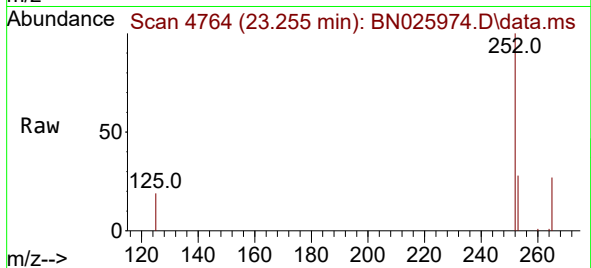
Acq: 23 Jun 2023 19:02

Instrument :

BNA_N

ClientSampleId :

SSTD0.4310



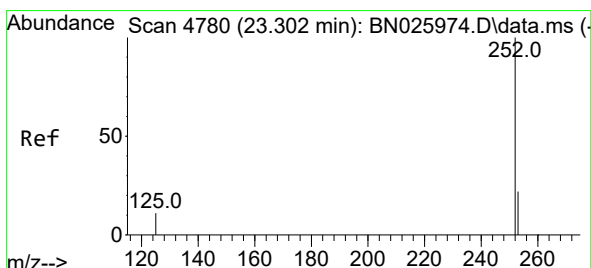
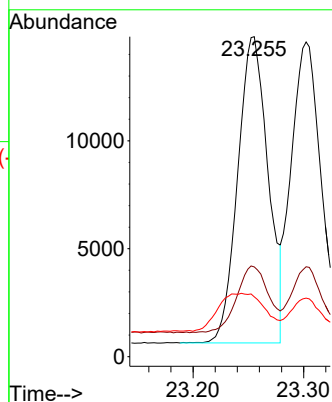
Tgt Ion:252 Resp: 27068

Ion Ratio Lower Upper

252 100

253 28.1 0.0 55.6

125 18.7 0.0 35.8



#25

Benzo(k)fluoranthene

Concen: 0.405 ng/ul

RT: 23.302 min Scan# 4780

Delta R.T. -0.007 min

Lab File: BN025974.D

Acq: 23 Jun 2023 19:02

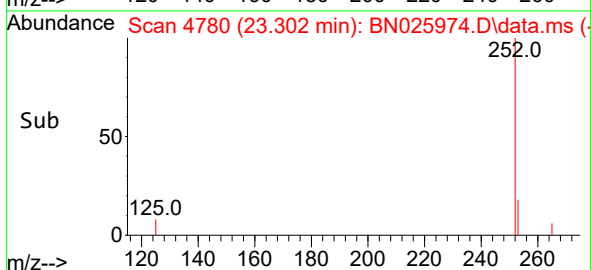
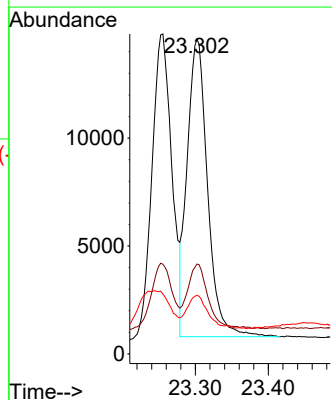
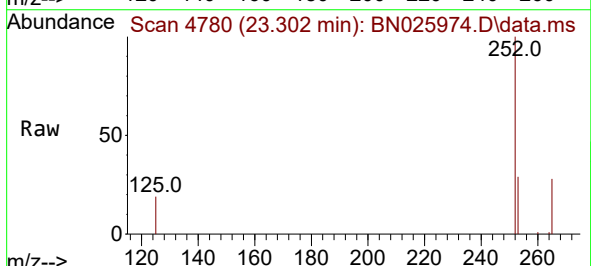
Tgt Ion:252 Resp: 26759

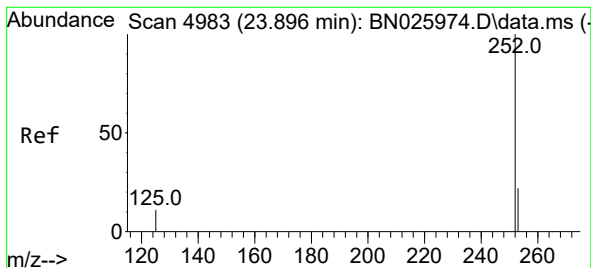
Ion Ratio Lower Upper

252 100

253 28.6 23.2 34.8

125 18.6 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.401 ng/ul

RT: 23.896 min Scan# 4983

Delta R.T. -0.013 min

Lab File: BN025974.D

Acq: 23 Jun 2023 19:02

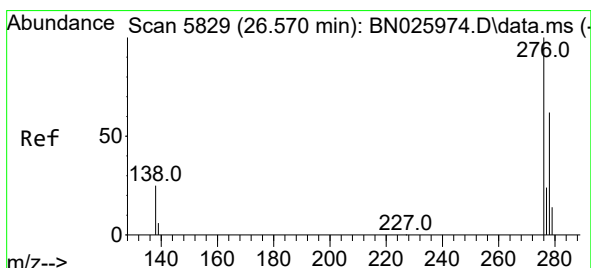
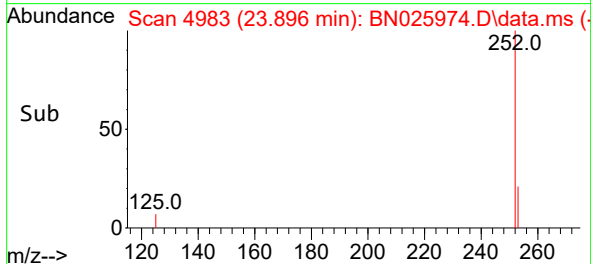
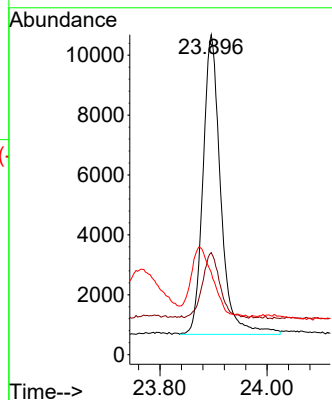
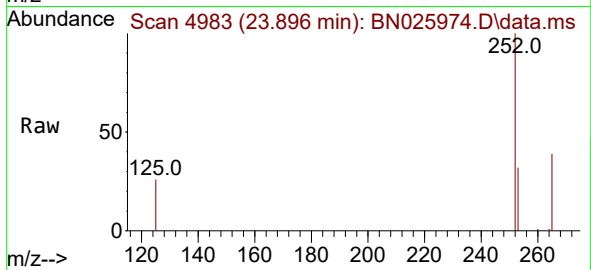
Instrument :

BNA_N

ClientSampleId :

SSTD0.4310

Tgt Ion:252	Resp:	22923
Ion Ratio	Lower	Upper
252	100	
253	31.9	26.0 39.0
125	25.7	17.3 25.9



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.435 ng/ul

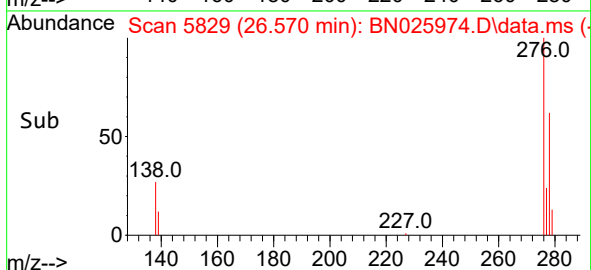
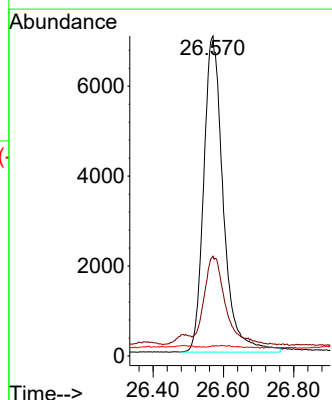
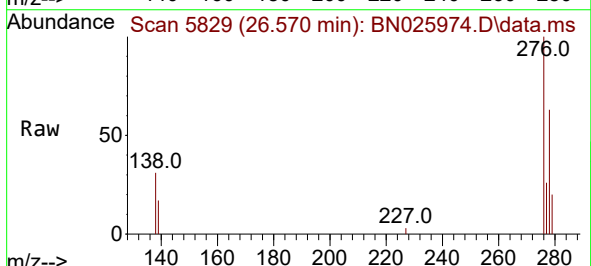
RT: 26.570 min Scan# 5829

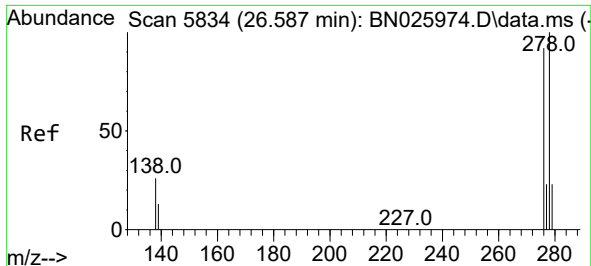
Delta R.T. -0.024 min

Lab File: BN025974.D

Acq: 23 Jun 2023 19:02

Tgt Ion:276	Resp:	27130
Ion Ratio	Lower	Upper
276	100	
138	29.7	24.5 36.7
227	0.0	0.0 0.0

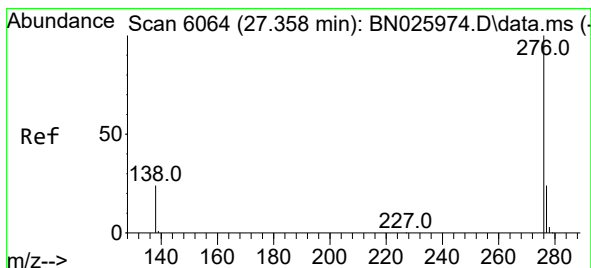
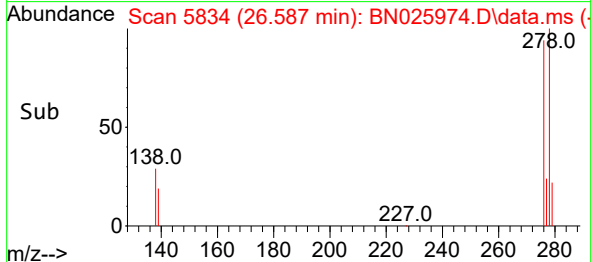
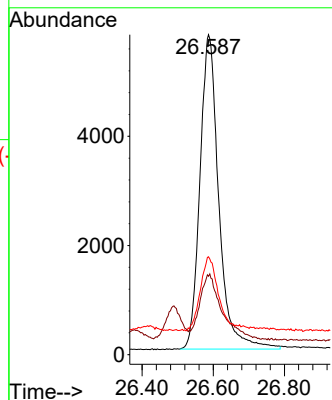
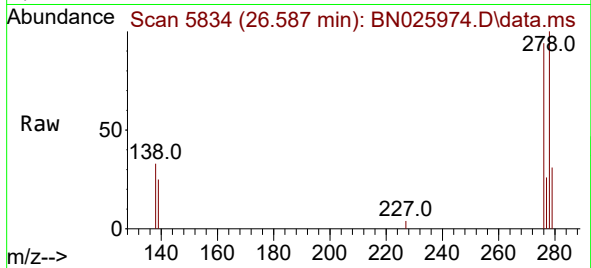




#28
Dibenzo(a,h)anthracene
Concen: 0.449 ng/ul
RT: 26.587 min Scan# 5834
Delta R.T. -0.035 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Instrument :
BNA_N
ClientSampleId :
SSTD0.4310

Tgt Ion:278 Resp: 21183
Ion Ratio Lower Upper
278 100
139 24.5 19.0 28.4
279 30.6 26.7 40.1



#29
Benzo(g,h,i)perylene
Concen: 0.414 ng/ul
RT: 27.358 min Scan# 6064
Delta R.T. -0.028 min
Lab File: BN025974.D
Acq: 23 Jun 2023 19:02

Tgt Ion:276 Resp: 22955
Ion Ratio Lower Upper
276 100
138 28.0 23.4 35.0
277 25.4 20.0 30.0

