

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
 Data File : BN025989.D
 Acq On : 24 Jun 2023 04:10
 Operator : MA/JU
 Sample : PB153403BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Quant Time: Jun 24 04:49:02 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)

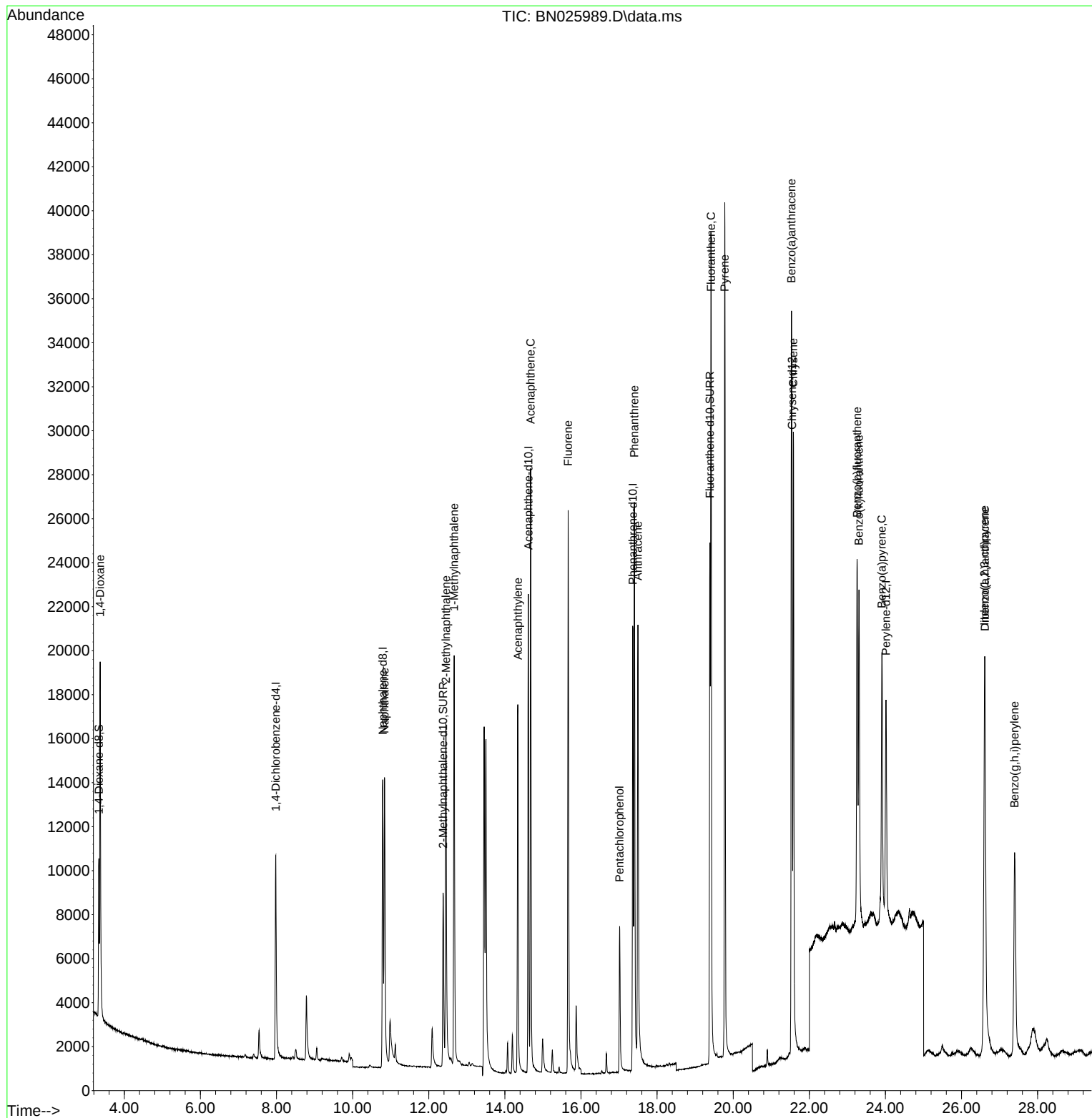
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	6557	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	21153	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	12958	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	27366	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	18613	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	15368	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	4909	0.665	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	12407	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	28745	0.406	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.364	88	11996	1.530	ng/ul#	86
5) Naphthalene	10.836	128	21222	0.350	ng/ul	99
7) 2-Methylnaphthalene	12.453	142	13361	0.346	ng/ul	100
8) 1-Methylnaphthalene	12.667	142	14202	0.355	ng/ul	100
10) Acenaphthylene	14.340	152	22167	0.365	ng/ul	100
11) Acenaphthene	14.677	153	17255	0.348	ng/ul	98
12) Fluorene	15.663	166	19219	0.338	ng/ul	99
14) Pentachlorophenol	17.014	266	5317	0.542	ng/ul	99
15) Phenanthrene	17.403	178	30884	0.342	ng/ul	99
16) Anthracene	17.495	178	27977	0.348	ng/ul	99
19) Fluoranthene	19.415	202	36061	0.363	ng/ul	99
20) Pyrene	19.778	202	37514	0.363	ng/ul	99
21) Benzo(a)anthracene	21.530	228	28001	0.365	ng/ul	99
22) Chrysene	21.579	228	28606	0.358	ng/ul	99
24) Benzo(b)fluoranthene	23.257	252	23556	0.359	ng/ul	97
25) Benzo(k)fluoranthene	23.304	252	24791	0.376	ng/ul	98
26) Benzo(a)pyrene	23.906	252	20481	0.360	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.605	276	24845	0.399	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.615	278	19043	0.404	ng/ul	97
29) Benzo(g,h,i)perylene	27.393	276	20979	0.379	ng/ul	98

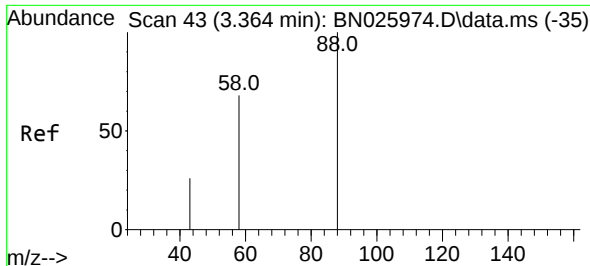
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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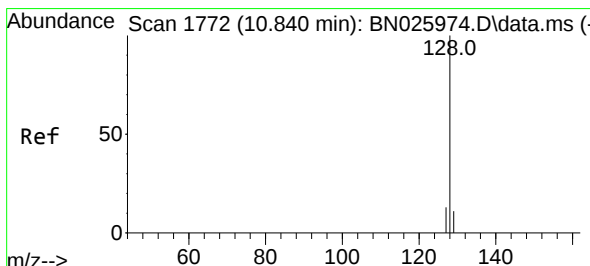
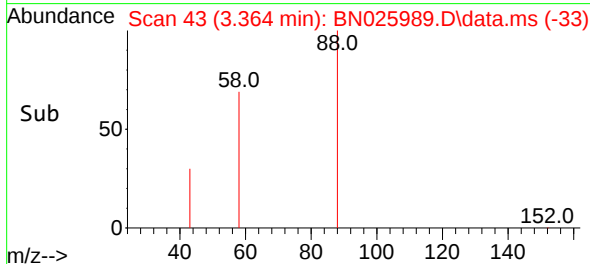
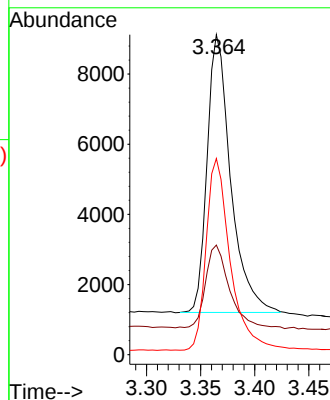
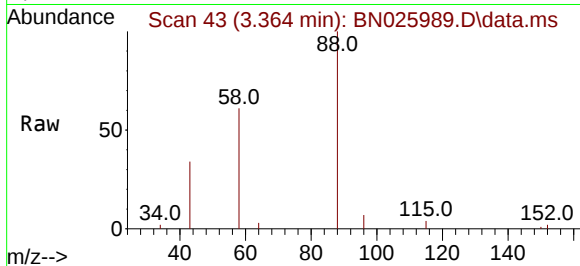


#2
 1,4-Dioxane
 Concen: 1.530 ng/ul
 RT: 3.364 min Scan# 41
 Delta R.T. -0.009 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Tgt Ion: 88 Resp: 11996

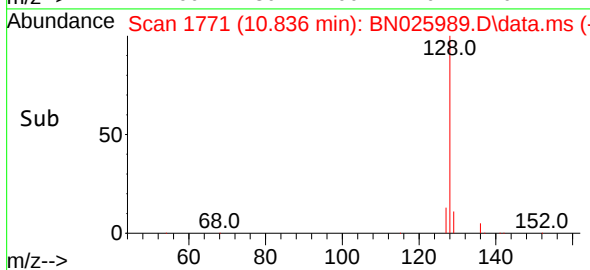
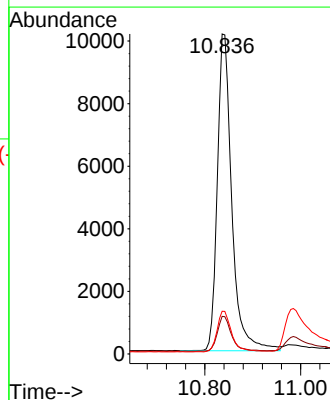
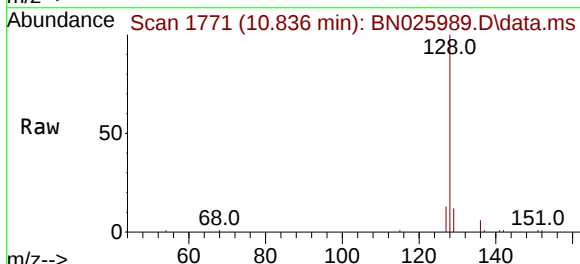
Ion	Ratio	Lower	Upper
88	100		
43	34.3	29.5	44.3
58	61.3	37.4	56.2

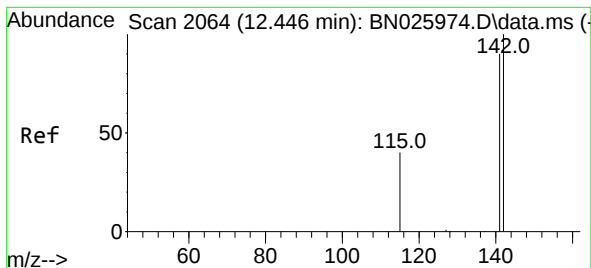


#5
 Naphthalene
 Concen: 0.350 ng/ul
 RT: 10.836 min Scan# 1771
 Delta R.T. -0.011 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

Tgt Ion: 128 Resp: 21222

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.3	10.7	16.1

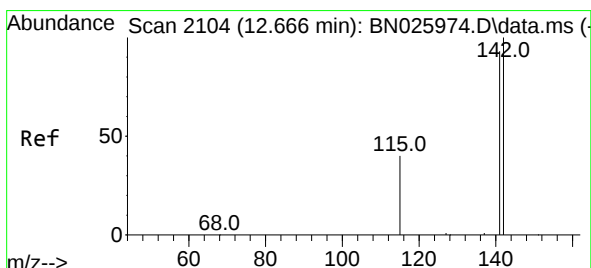
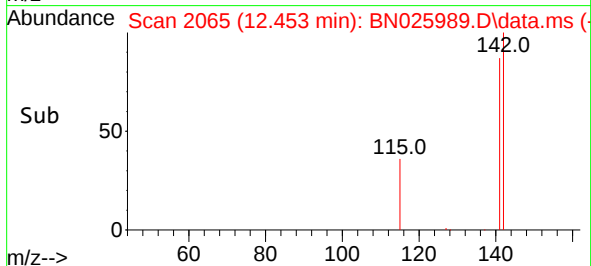
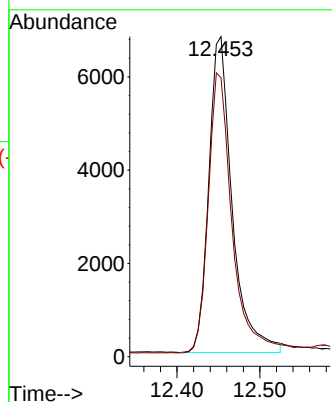
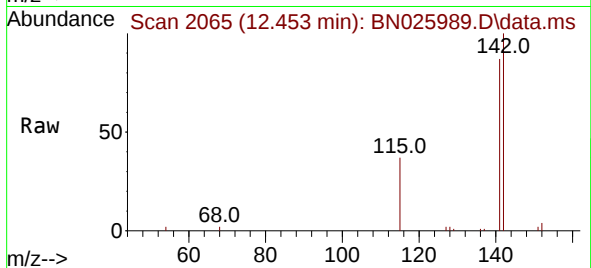




#7
2-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

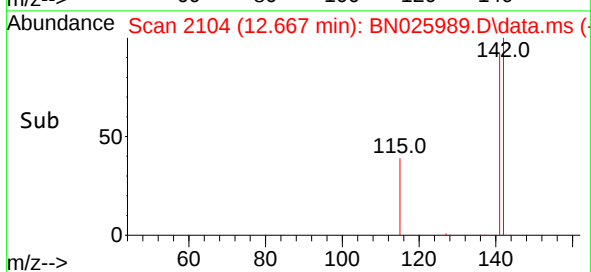
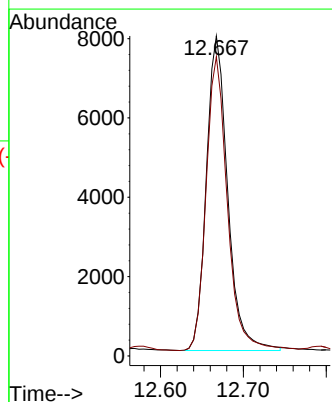
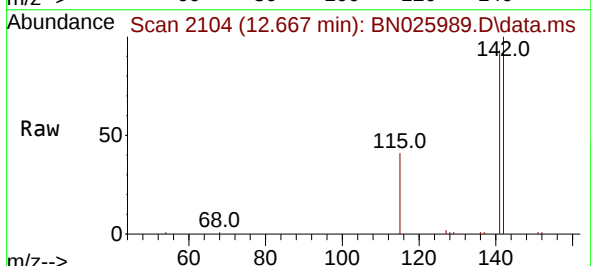
Instrument :
BNA_N
ClientSampleId :
SLCS403

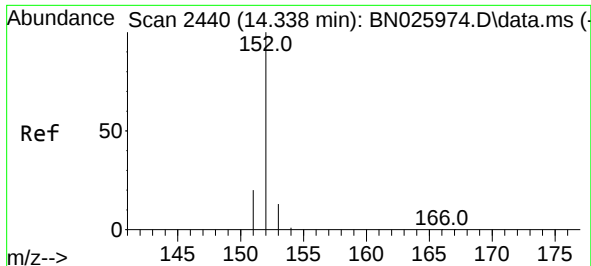
Tgt Ion:142 Resp: 13361
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.667 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:142 Resp: 14202
Ion Ratio Lower Upper
142 100
141 92.7 74.2 111.4

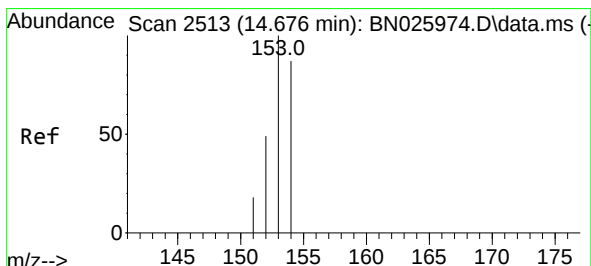
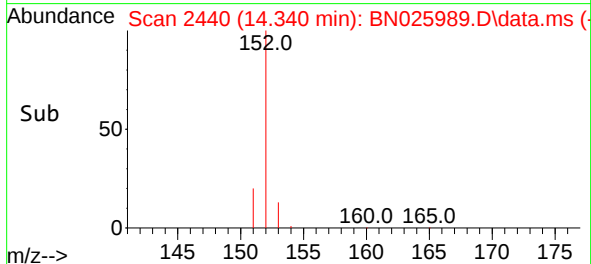
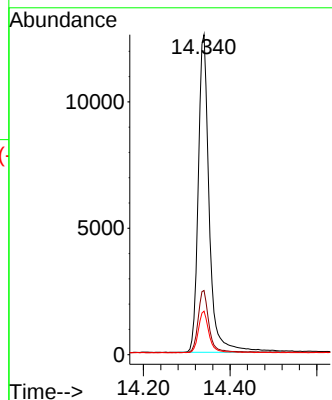
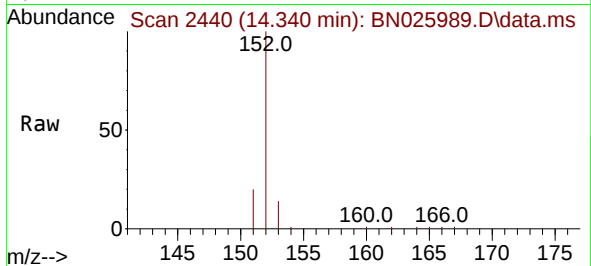




#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

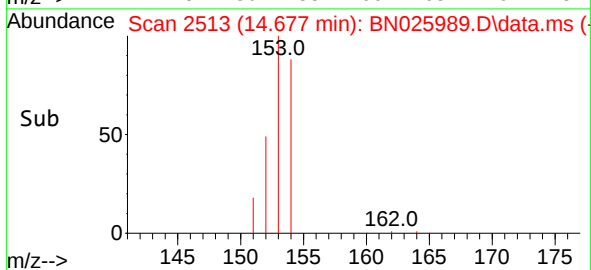
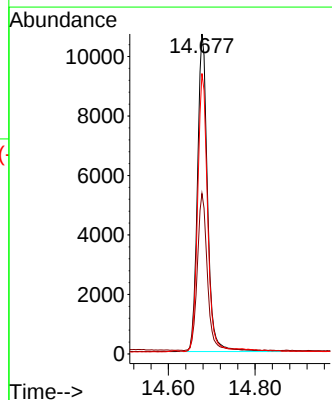
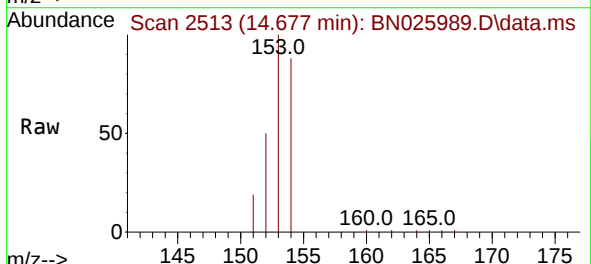
Instrument :
BNA_N
ClientSampleId :
SLCS403

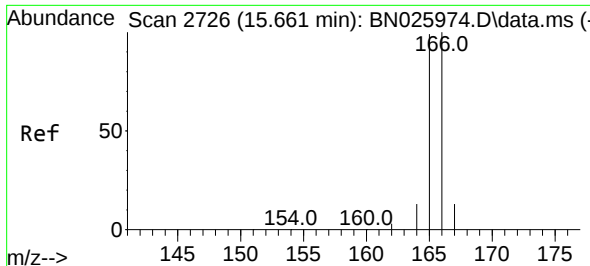
Tgt Ion:152 Resp: 22167
Ion Ratio Lower Upper
152 100
151 20.0 16.2 24.4
153 13.6 10.9 16.3



#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.677 min Scan# 2513
Delta R.T. -0.004 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:153 Resp: 17255
Ion Ratio Lower Upper
153 100
152 50.2 39.4 59.0
154 87.6 68.9 103.3

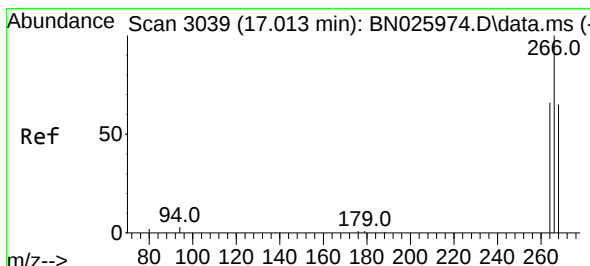
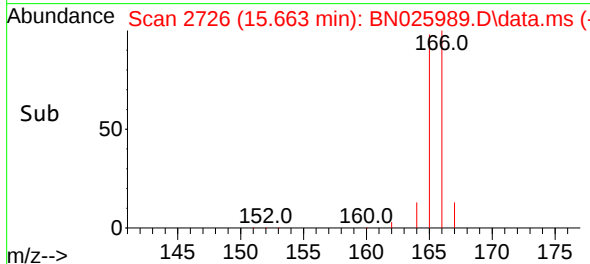
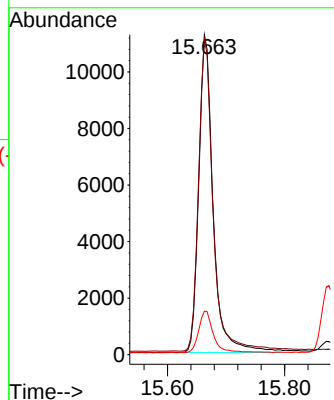
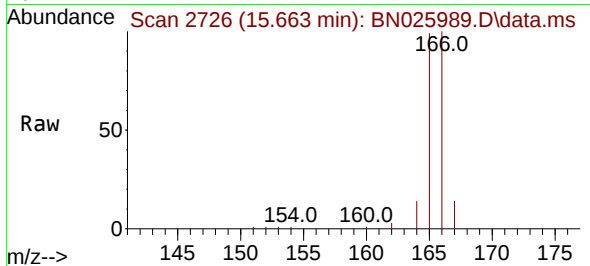




#12
 Fluorene
 Concen: 0.338 ng/ul
 RT: 15.663 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

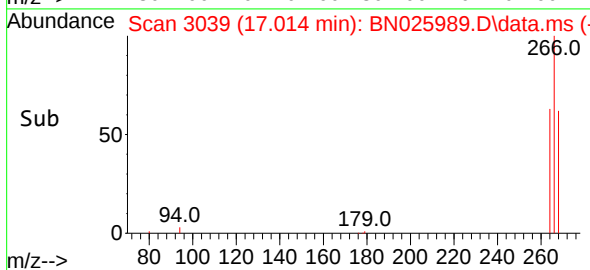
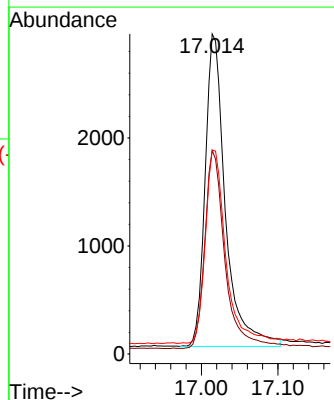
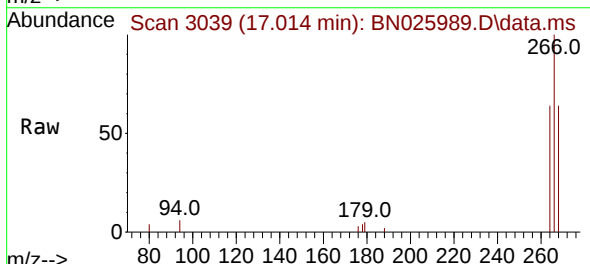
Instrument :
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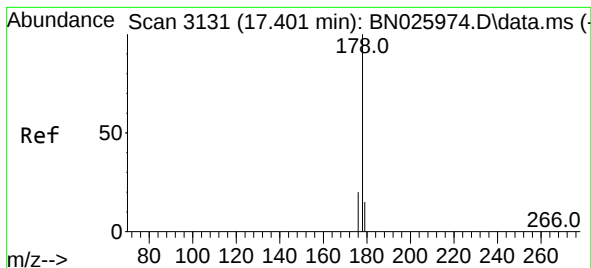
Tgt Ion:166 Resp: 19219
 Ion Ratio Lower Upper
 166 100
 165 98.8 79.9 119.9
 167 13.6 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.542 ng/ul
 RT: 17.014 min Scan# 3039
 Delta R.T. -0.003 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

Tgt Ion:266 Resp: 5317
 Ion Ratio Lower Upper
 266 100
 264 63.0 50.5 75.7
 268 62.9 51.6 77.4





#15

Phenanthrene

Concen: 0.342 ng/ul

RT: 17.403 min Scan# 3131

Delta R.T. -0.003 min

Lab File: BN025989.D

Acq: 24 Jun 2023 04:10

Instrument :

BNA_N

ClientSampleId :

SLCS403

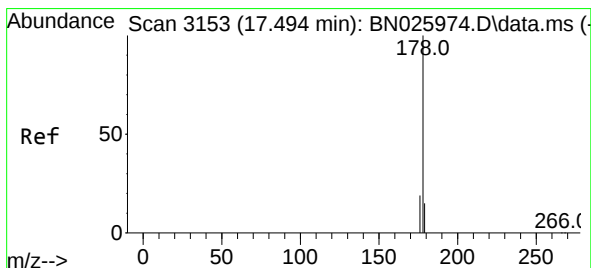
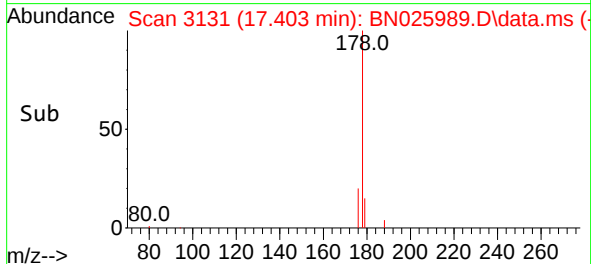
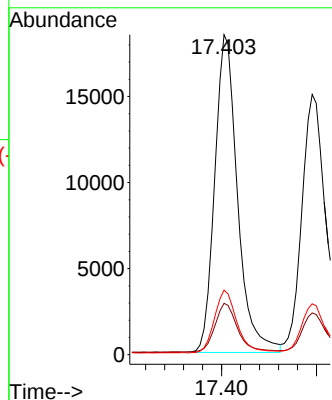
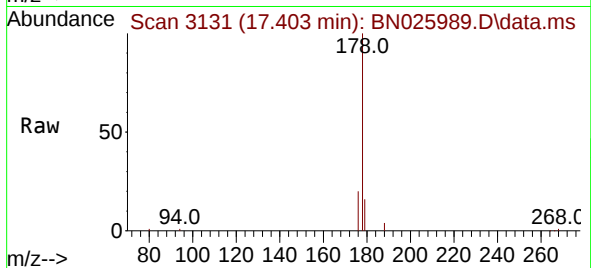
Tgt Ion:178 Resp: 30884

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

176 20.2 15.8 23.6



#16

Anthracene

Concen: 0.348 ng/ul

RT: 17.495 min Scan# 3153

Delta R.T. -0.003 min

Lab File: BN025989.D

Acq: 24 Jun 2023 04:10

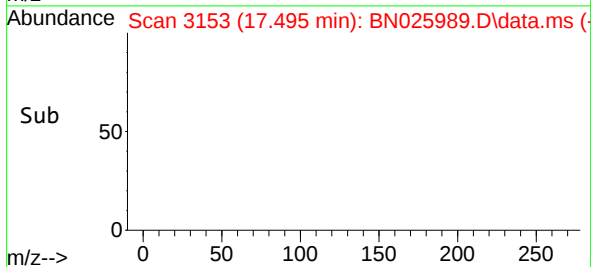
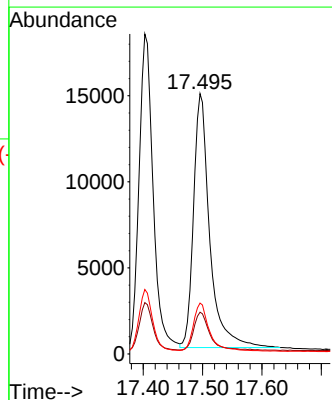
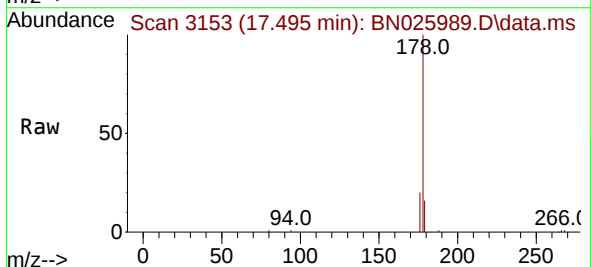
Tgt Ion:178 Resp: 27977

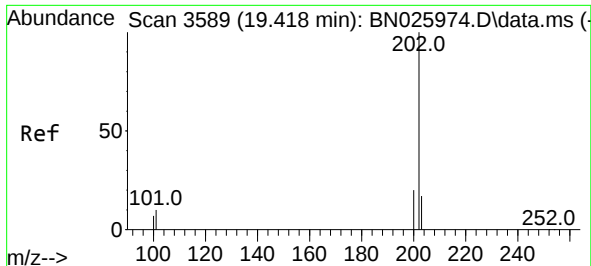
Ion Ratio Lower Upper

178 100

179 16.1 12.6 18.8

176 19.6 15.1 22.7

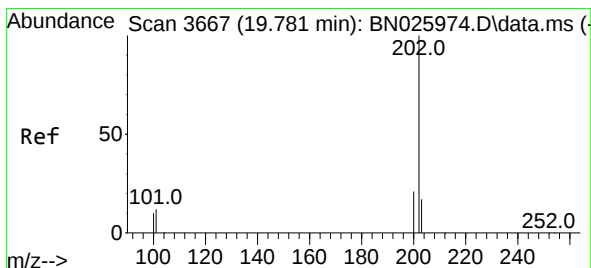
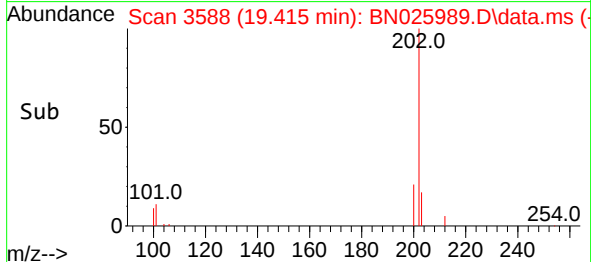
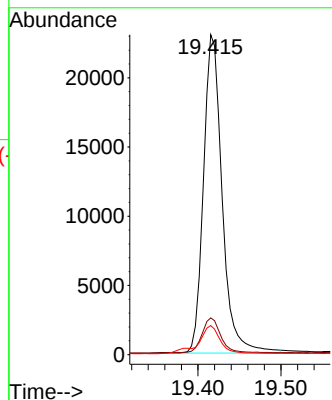
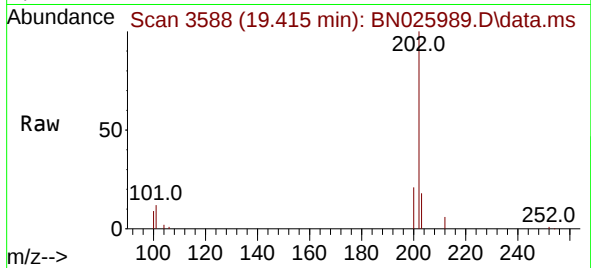




#19
Fluoranthene
Concen: 0.363 ng/ul
RT: 19.415 min Scan# 3588
Delta R.T. -0.004 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

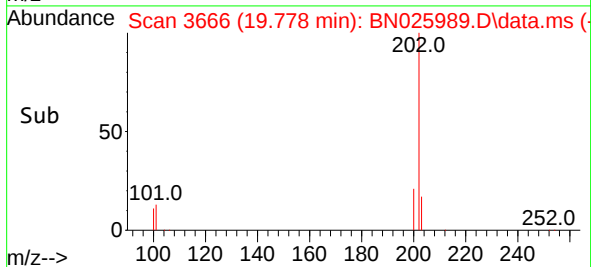
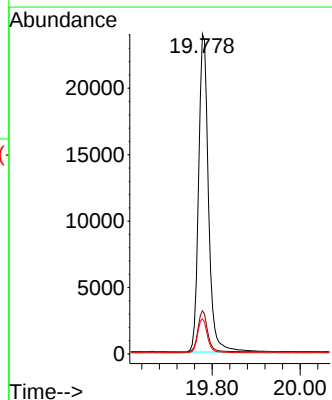
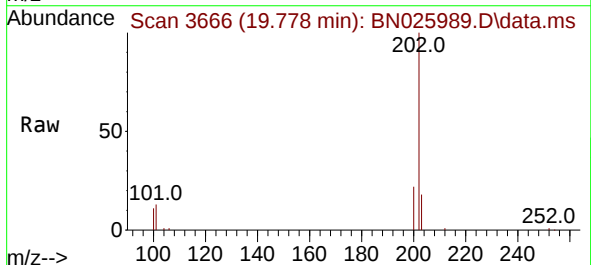
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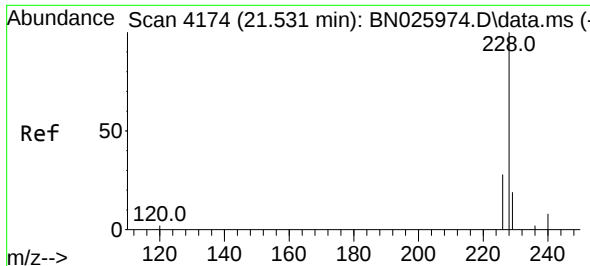
Tgt Ion:202 Resp: 36061
Ion Ratio Lower Upper
202 100
101 11.5 9.5 14.3
100 9.1 7.3 10.9



#20
Pyrene
Concen: 0.363 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:202 Resp: 37514
Ion Ratio Lower Upper
202 100
101 13.5 11.4 17.0
100 11.0 9.1 13.7

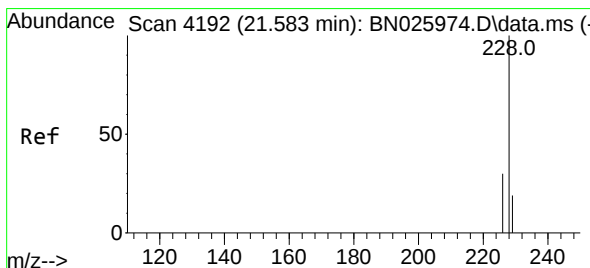
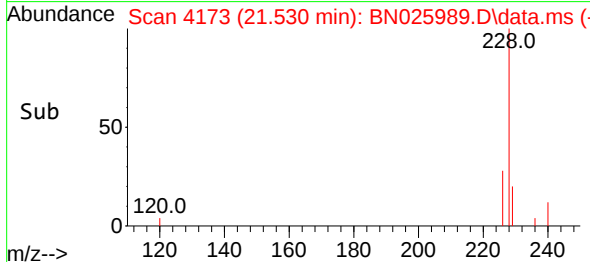
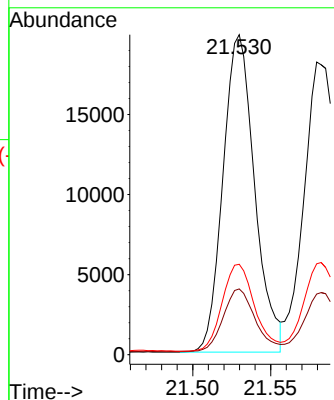
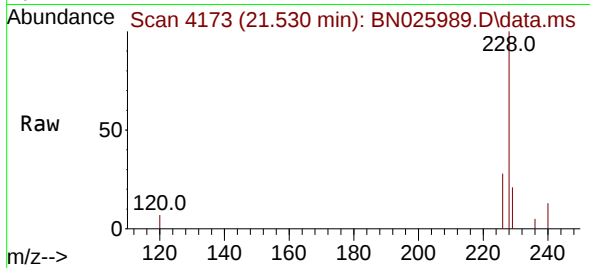




#21
Benzo(a)anthracene
Concen: 0.365 ng/ul
RT: 21.530 min Scan# 4174
Delta R.T. -0.002 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

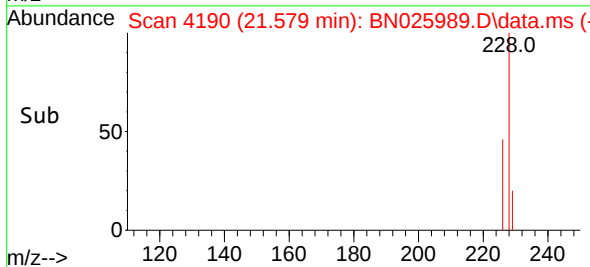
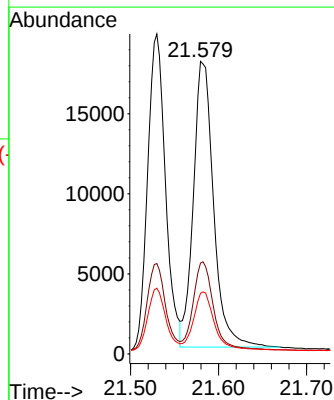
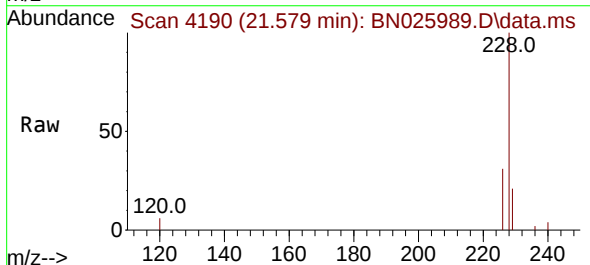
Instrument :
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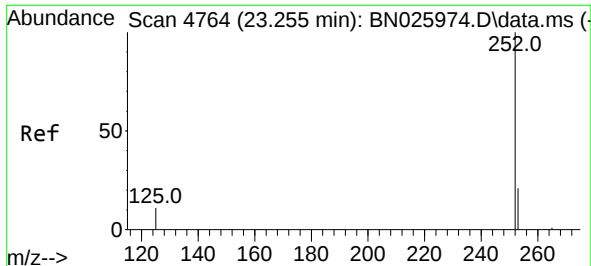
Tgt Ion:228 Resp: 28001
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.6
226 28.2 22.5 33.7



#22
Chrysene
Concen: 0.358 ng/ul
RT: 21.579 min Scan# 4190
Delta R.T. -0.005 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:228 Resp: 28606
Ion Ratio Lower Upper
228 100
226 31.1 24.8 37.2
229 20.7 15.7 23.5

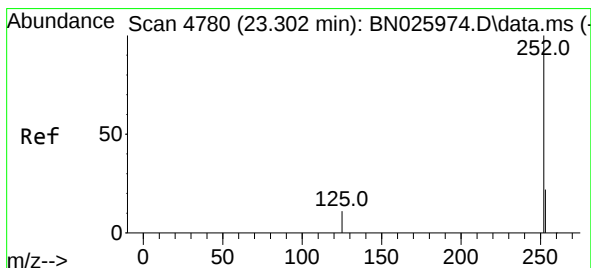
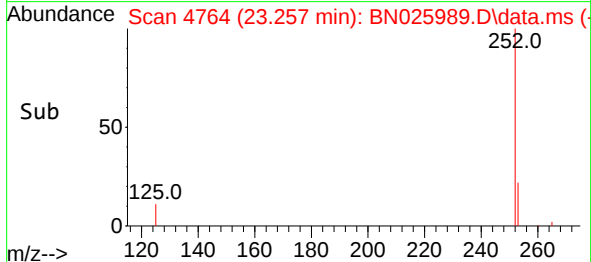
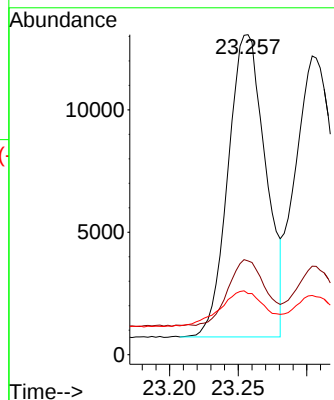
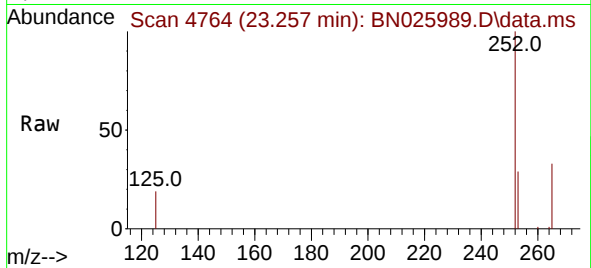




#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.257 min Scan# 4764
Delta R.T. 0.001 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

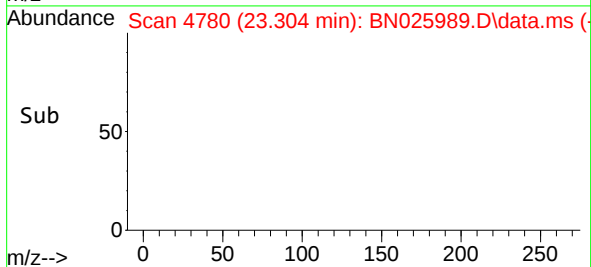
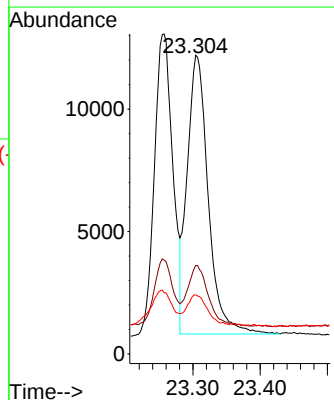
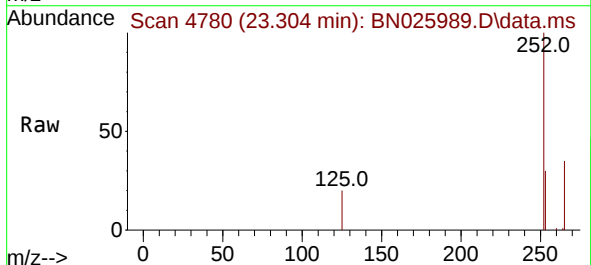
Instrument :
BNA_N
ClientSampleId :
SLCS403

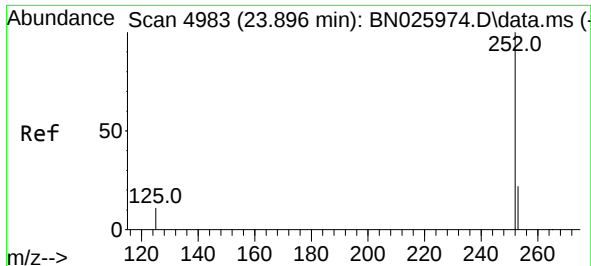
Tgt Ion:252 Resp: 23556
Ion Ratio Lower Upper
252 100
253 29.3 0.0 55.6
125 19.1 0.0 35.8



#25
Benzo(k)fluoranthene
Concen: 0.376 ng/ul
RT: 23.304 min Scan# 4780
Delta R.T. -0.005 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:252 Resp: 24791
Ion Ratio Lower Upper
252 100
253 29.6 23.2 34.8
125 19.8 15.0 22.4

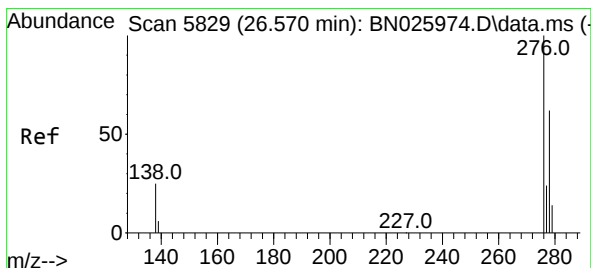
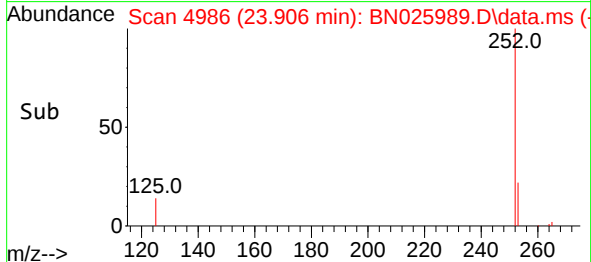
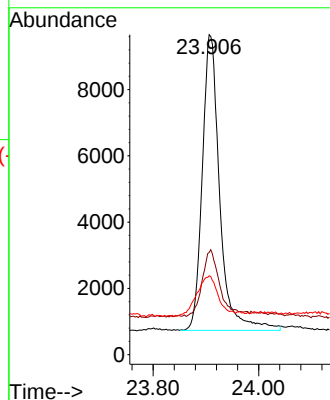
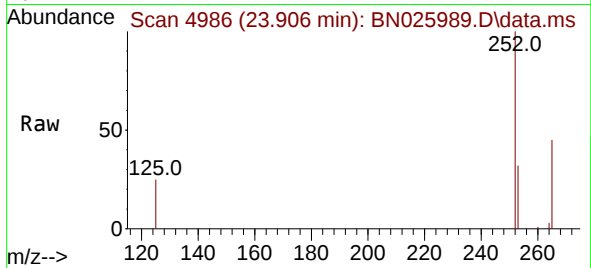




#26
Benzo(a)pyrene
Concen: 0.360 ng/ul
RT: 23.906 min Scan# 4983
Delta R.T. -0.002 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

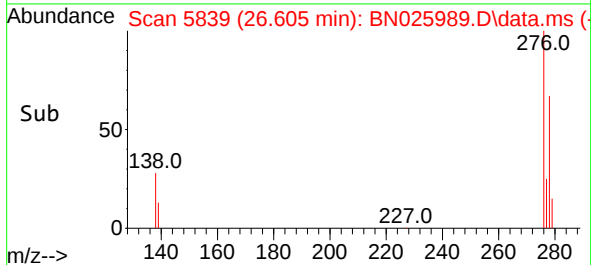
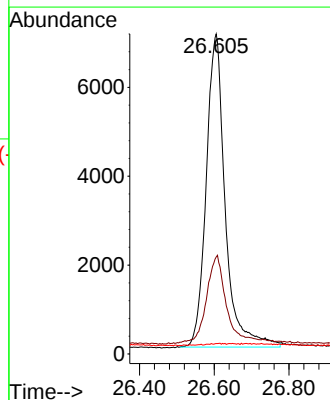
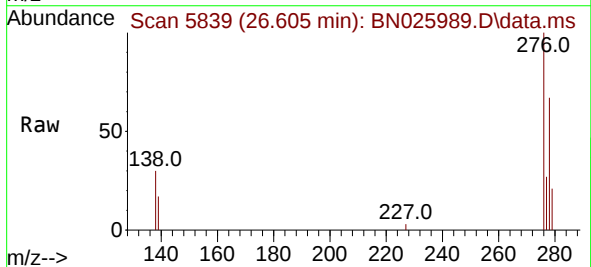
Instrument :
BNA_N
ClientSampleId :
SLCS403

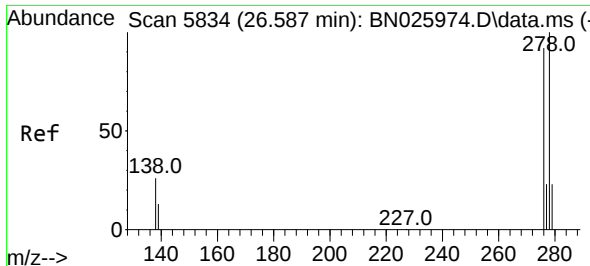
Tgt Ion:252 Resp: 20481
Ion Ratio Lower Upper
252 100
253 31.9 26.0 39.0
125 24.7 17.3 25.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.399 ng/ul
RT: 26.605 min Scan# 5839
Delta R.T. 0.011 min
Lab File: BN025989.D
Acq: 24 Jun 2023 04:10

Tgt Ion:276 Resp: 24845
Ion Ratio Lower Upper
276 100
138 30.1 24.5 36.7
227 0.3 0.0 0.0

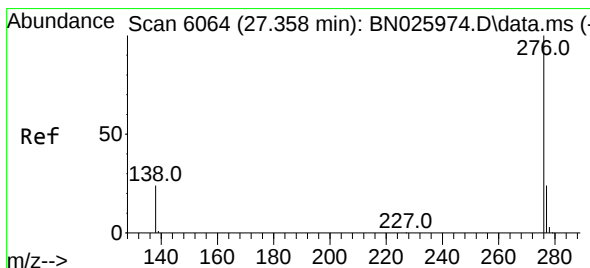
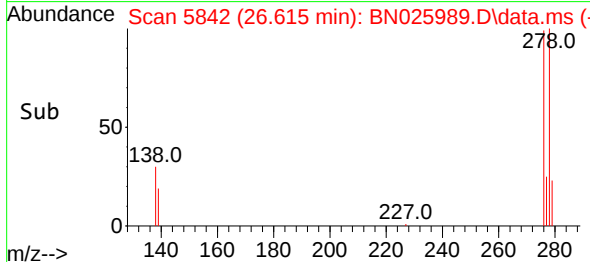
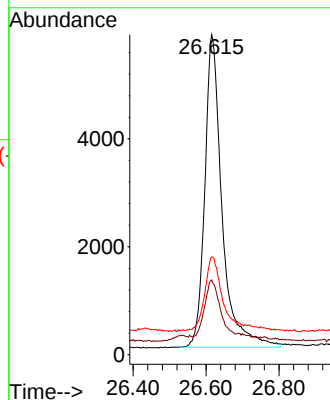
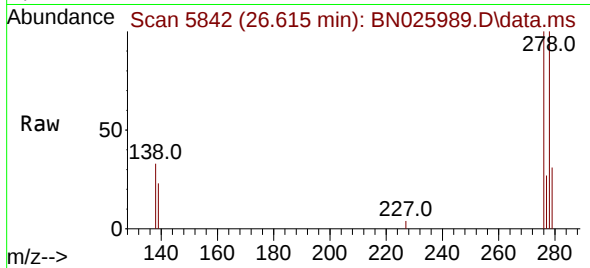




#28
 Dibenzo(a,h)anthracene
 Concen: 0.404 ng/ul
 RT: 26.615 min Scan# 5842
 Delta R.T. -0.006 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

Instrument :
 BNA_N
 ClientSampleId :
 SLCS403

Tgt Ion:278 Resp: 19043
 Ion Ratio Lower Upper
 278 100
 139 23.3 19.0 28.4
 279 30.6 26.7 40.1



#29
 Benzo(g,h,i)perylene
 Concen: 0.379 ng/ul
 RT: 27.393 min Scan# 6074
 Delta R.T. 0.007 min
 Lab File: BN025989.D
 Acq: 24 Jun 2023 04:10

Tgt Ion:276 Resp: 20979
 Ion Ratio Lower Upper
 276 100
 138 28.0 23.4 35.0
 277 26.3 20.0 30.0

