

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022123\
 Data File : BN024080.D
 Acq On : 21 Feb 2023 14:24
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD0.4384

Quant Time: Feb 22 01:30:33 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

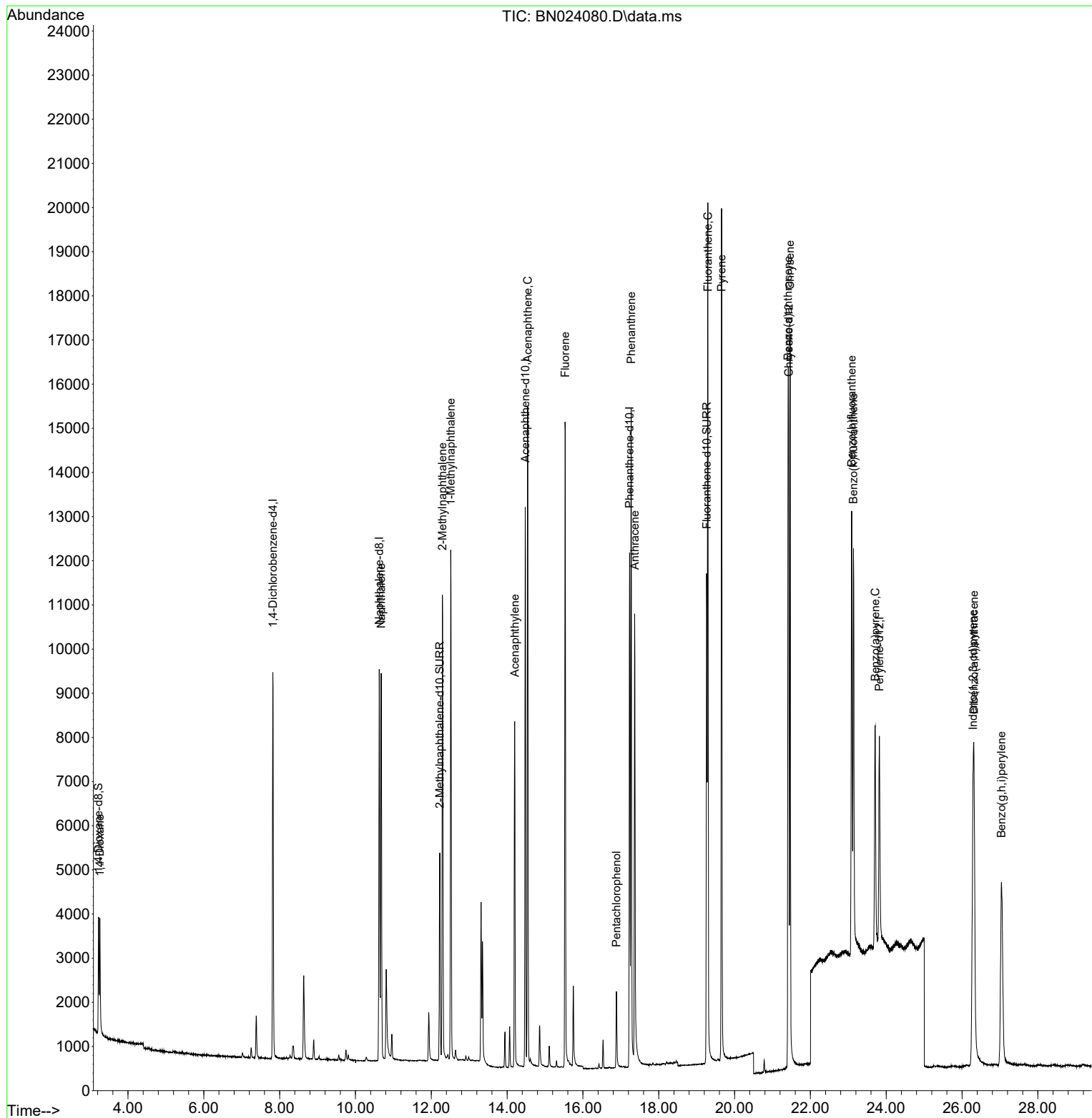
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	4416	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.628	136	11499	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.479	164	6540	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.230	188	13794	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.426	240	10302	0.400	ng/ul	# 0.00
23) Perylene-d12	23.820	264	7054	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	1740	0.368	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.223	152	5957	0.331	ng/ul	-0.01
18) Fluoranthene-d10	19.262	212	12637	0.457	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.260	88	1819	0.363	ng/ul#	86
5) Naphthalene	10.678	128	11652	0.370	ng/ul	99
7) 2-Methylnaphthalene	12.295	142	7269	0.355	ng/ul	100
8) 1-Methylnaphthalene	12.515	142	7470	0.357	ng/ul	99
10) Acenaphthylene	14.201	152	9163	0.366	ng/ul	100
11) Acenaphthene	14.544	153	8374	0.380	ng/ul	98
12) Fluorene	15.529	166	9432	0.354	ng/ul	98
14) Pentachlorophenol	16.884	266	1238	0.272	ng/ul	98
15) Phenanthrene	17.272	178	15337	0.373	ng/ul	100
16) Anthracene	17.365	178	11883	0.345	ng/ul	98
19) Fluoranthene	19.295	202	16631	0.485	ng/ul	96
20) Pyrene	19.657	202	16499	0.465	ng/ul#	93
21) Benzo(a)anthracene	21.412	228	12292	0.351	ng/ul	99
22) Chrysene	21.464	228	14310	0.388	ng/ul	99
24) Benzo(b)fluoranthene	23.089	252	13050	0.419	ng/ul	98
25) Benzo(k)fluoranthene	23.136	252	12953	0.425	ng/ul#	96
26) Benzo(a)pyrene	23.709	252	9593	0.370	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.289	276	12910	0.354	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.315	278	10102	0.347	ng/ul	95
29) Benzo(g,h,i)perylene	27.040	276	11616	0.388	ng/ul#	95

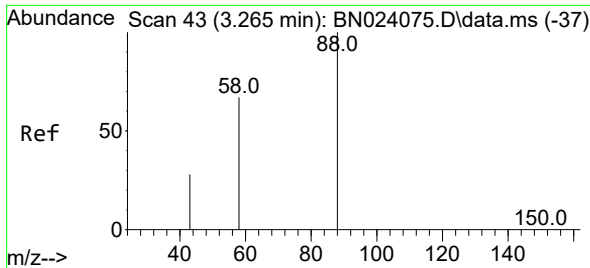
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 22 01:30:33 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

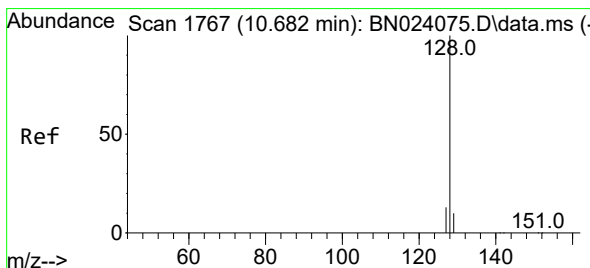
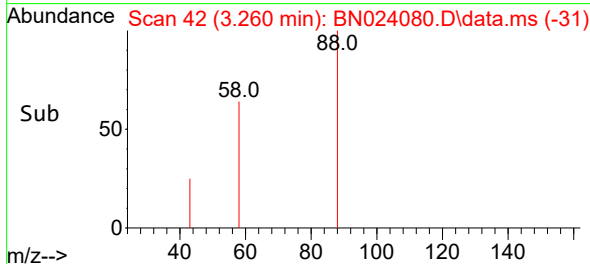
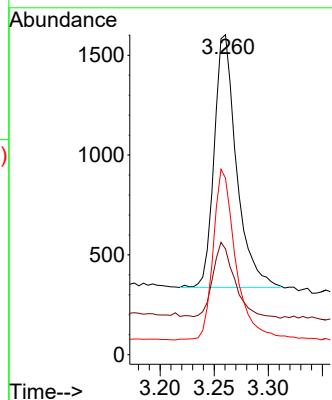
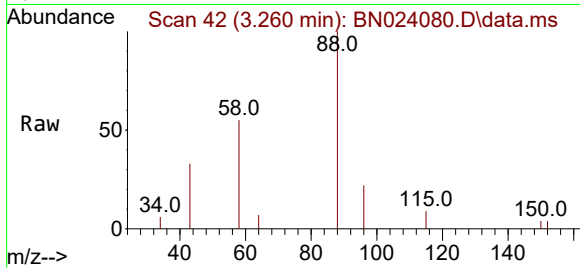




#2
1,4-Dioxane
Concen: 0.363 ng/ul
RT: 3.260 min Scan# 43
Delta R.T. -0.004 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

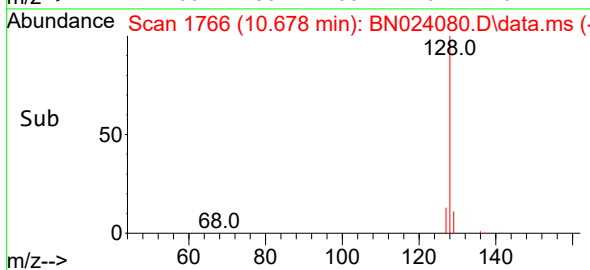
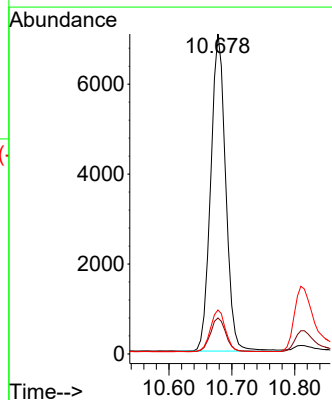
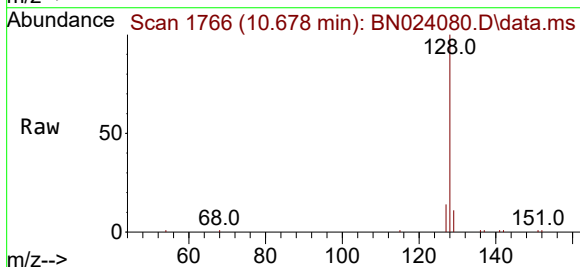
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

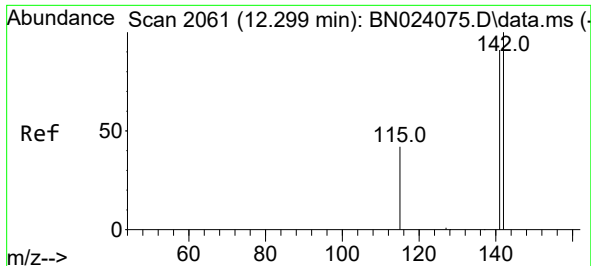
Tgt Ion: 88 Resp: 1819
Ion Ratio Lower Upper
88 100
43 33.1 41.9 62.9#
58 55.2 45.6 68.4



#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.678 min Scan# 1766
Delta R.T. -0.011 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion: 128 Resp: 11652
Ion Ratio Lower Upper
128 100
129 11.2 9.7 14.5
127 13.7 11.1 16.7

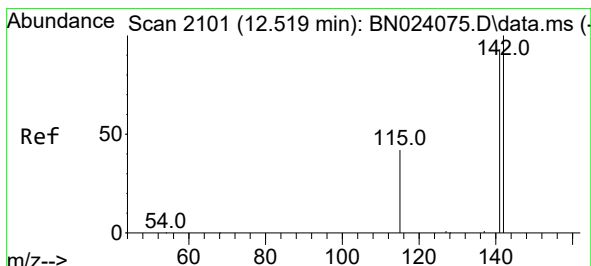
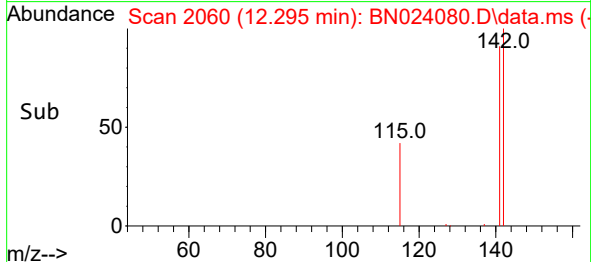
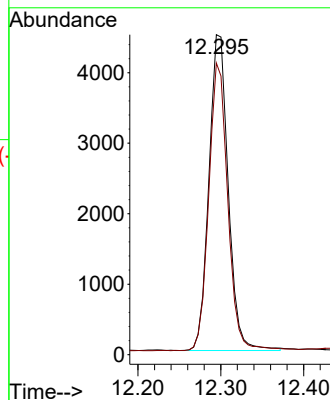
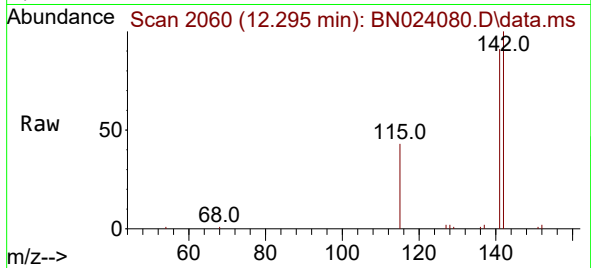




#7
2-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. -0.011 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

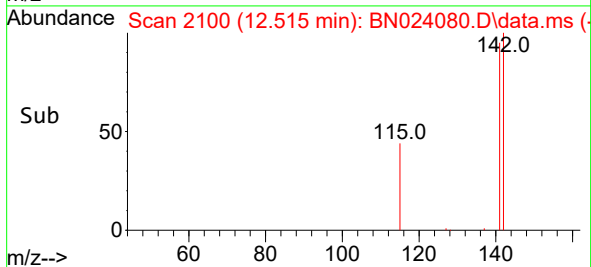
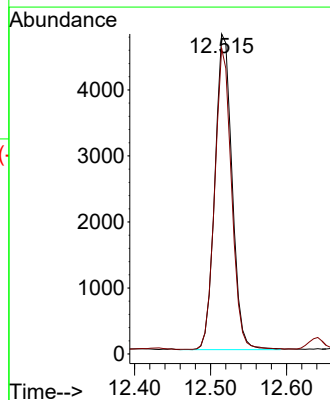
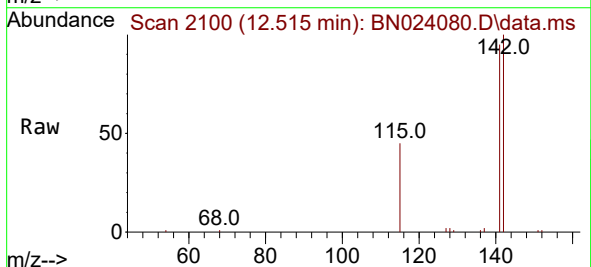
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

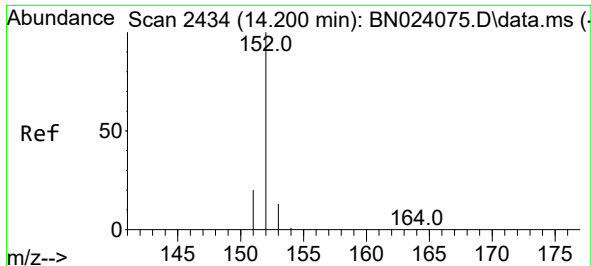
Tgt Ion:142 Resp: 7269
Ion Ratio Lower Upper
142 100
141 89.8 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.515 min Scan# 2100
Delta R.T. -0.011 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:142 Resp: 7470
Ion Ratio Lower Upper
142 100
141 93.4 74.1 111.1

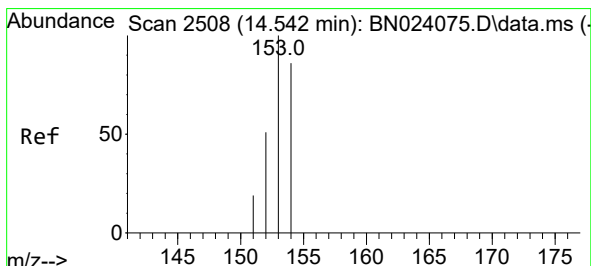
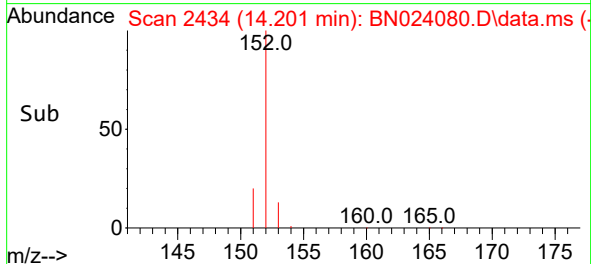
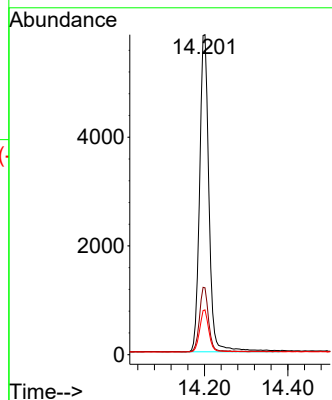
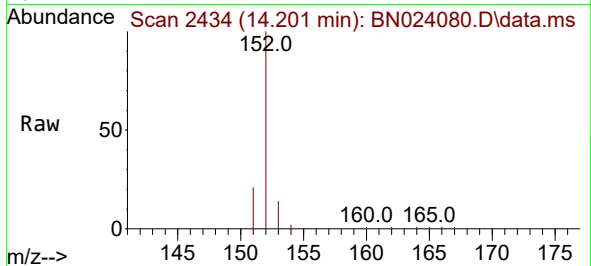




#10
Acenaphthylene
Concen: 0.366 ng/ul
RT: 14.201 min Scan# 2434
Delta R.T. -0.009 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

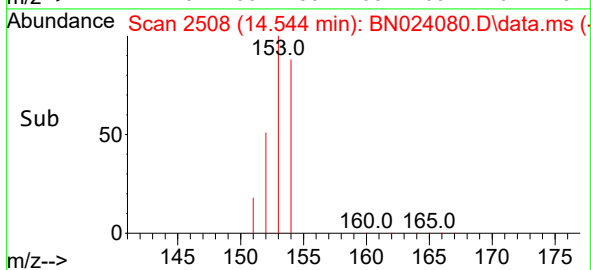
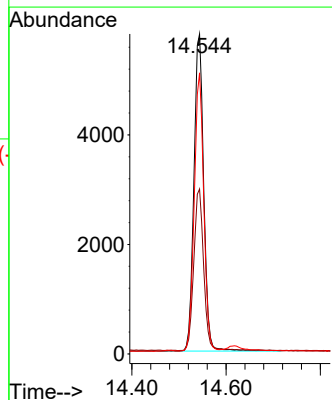
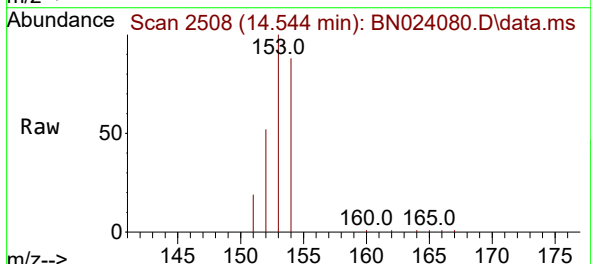
Instrument :
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ClientSampleId :
SSTD0.4384

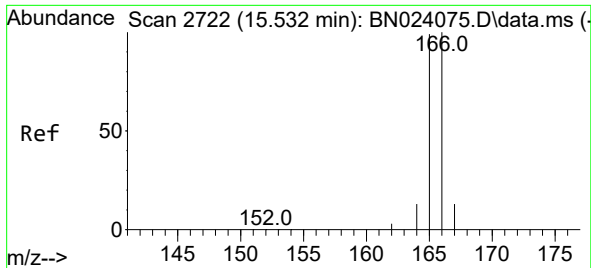
Tgt Ion:152 Resp: 9163
Ion Ratio Lower Upper
152 100
151 20.9 17.0 25.4
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:153 Resp: 8374
Ion Ratio Lower Upper
153 100
152 51.5 39.6 59.4
154 87.8 68.8 103.2

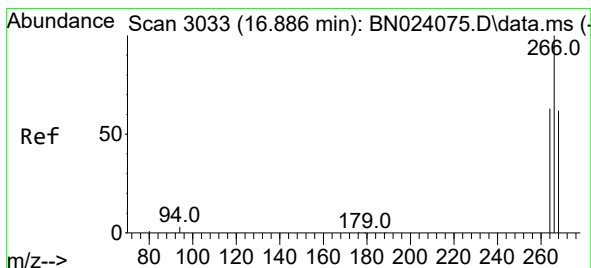
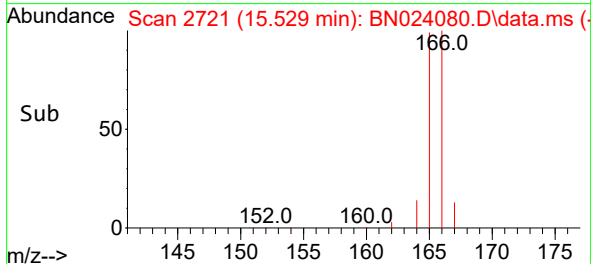
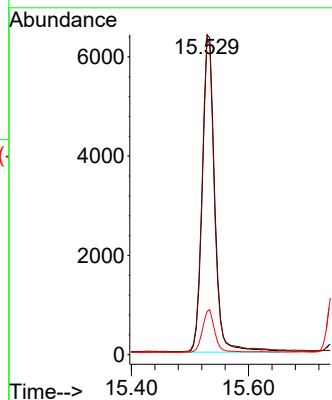
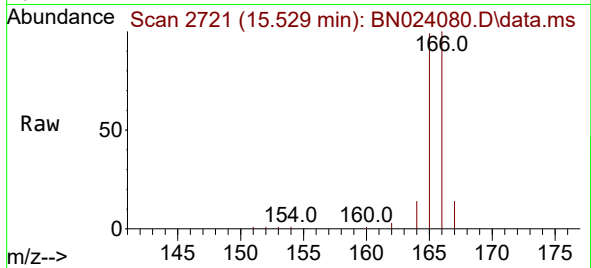




#12
Fluorene
Concen: 0.354 ng/ul
RT: 15.529 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

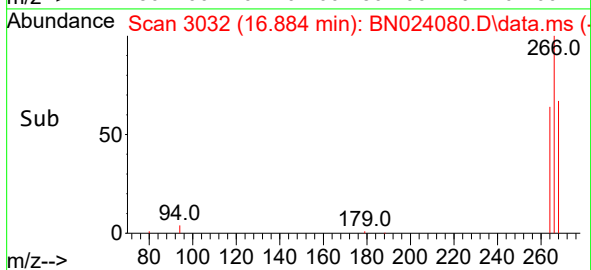
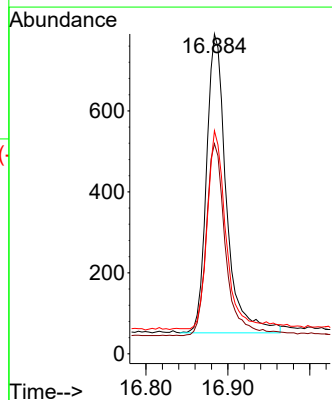
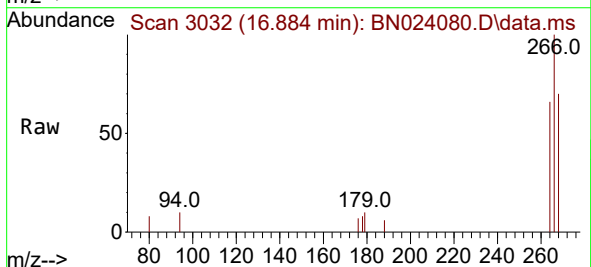
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ClientSampleId :
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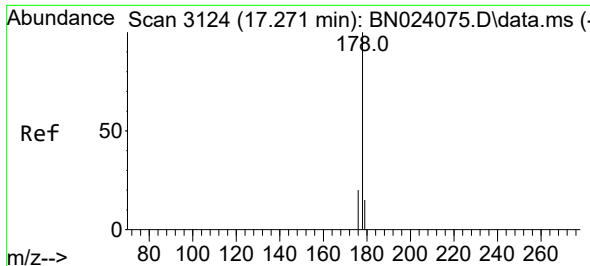
Tgt Ion:166 Resp: 9432
Ion Ratio Lower Upper
166 100
165 99.1 77.4 116.2
167 13.5 11.4 17.0



#14
Pentachlorophenol
Concen: 0.272 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. -0.008 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:266 Resp: 1238
Ion Ratio Lower Upper
266 100
264 63.1 49.4 74.0
268 63.2 52.0 78.0

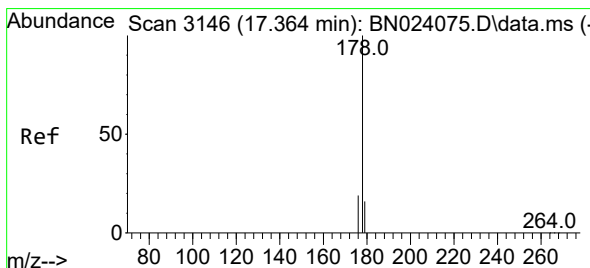
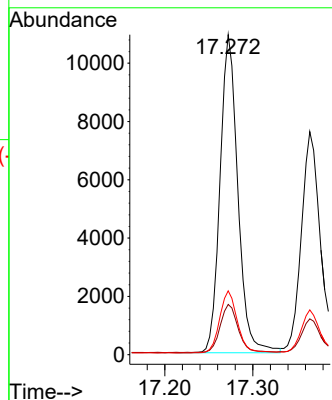
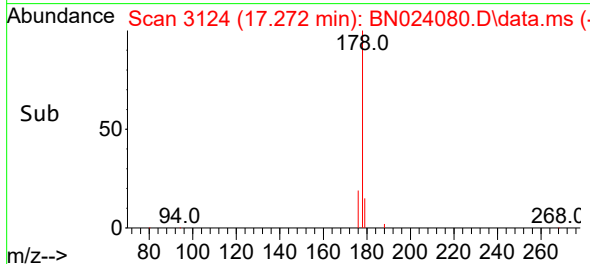
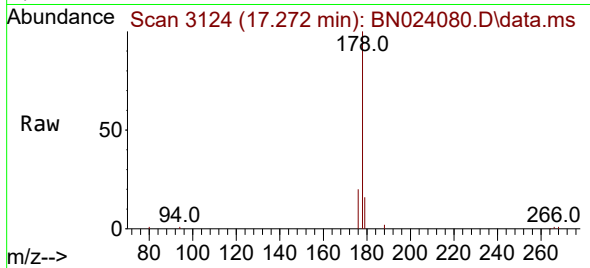




#15
Phenanthrene
Concen: 0.373 ng/ul
RT: 17.272 min Scan# 3124
Delta R.T. -0.008 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

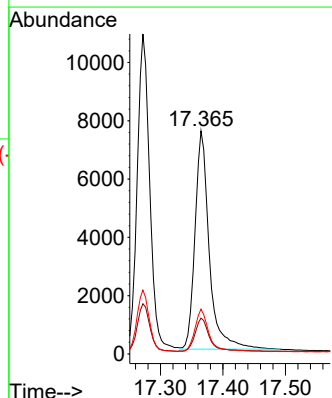
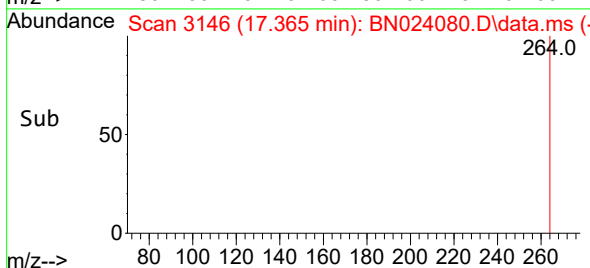
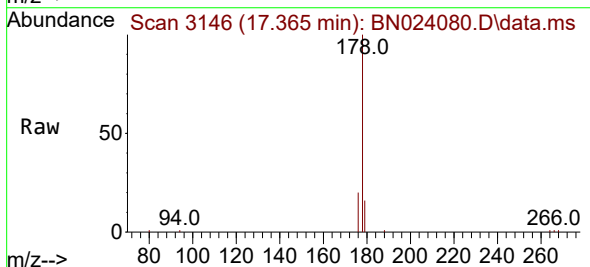
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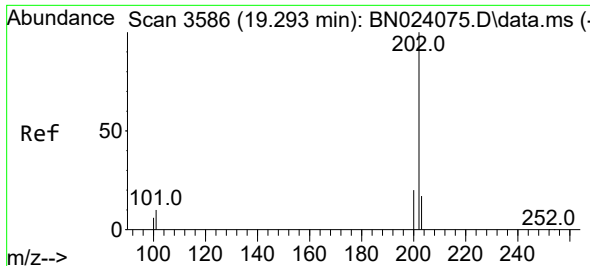
Tgt Ion:178 Resp: 15337
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.9 15.7 23.5



#16
Anthracene
Concen: 0.345 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:178 Resp: 11883
Ion Ratio Lower Upper
178 100
179 16.1 13.4 20.0
176 20.1 15.4 23.2

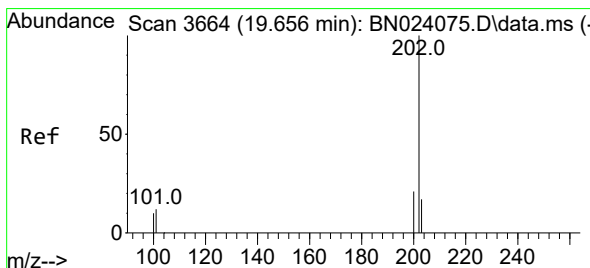
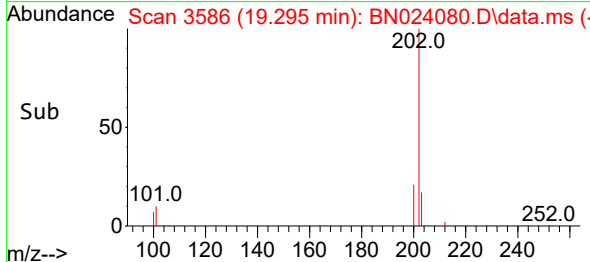
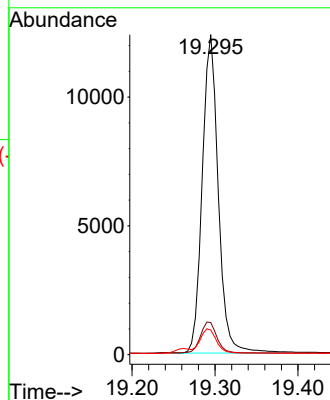
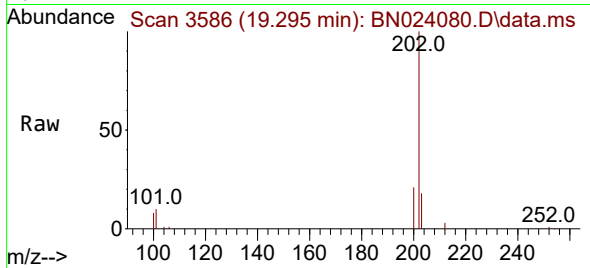




#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.295 min Scan# 3586
Delta R.T. -0.005 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

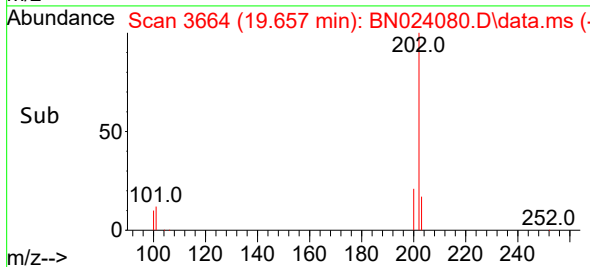
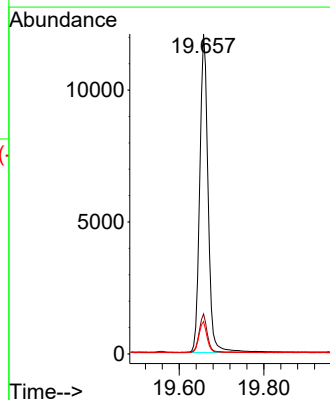
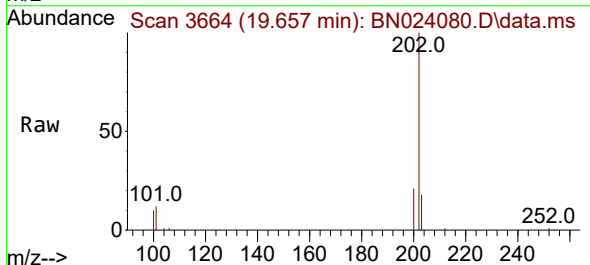
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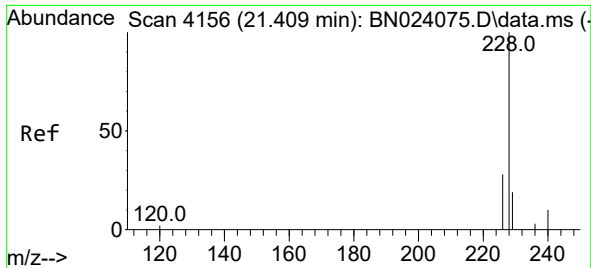
Tgt Ion:202 Resp: 16631
Ion Ratio Lower Upper
202 100
101 10.0 6.8 10.2
100 7.7 5.2 7.8



#20
Pyrene
Concen: 0.465 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:202 Resp: 16499
Ion Ratio Lower Upper
202 100
101 12.5 8.1 12.1#
100 10.1 6.2 9.4#

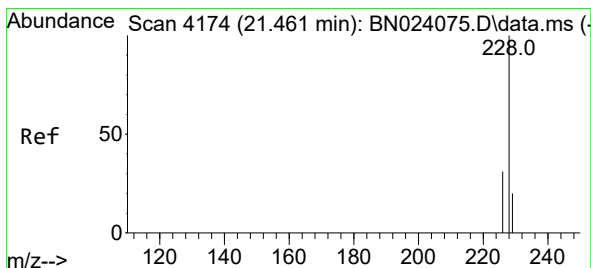
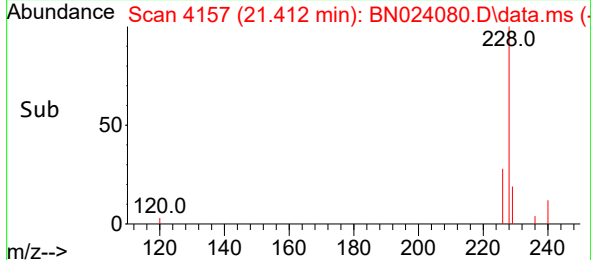
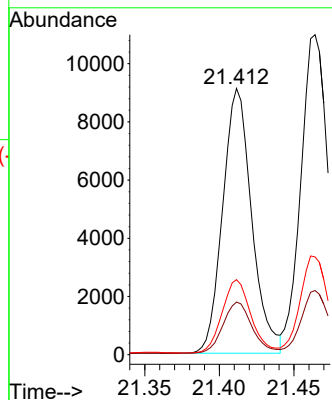
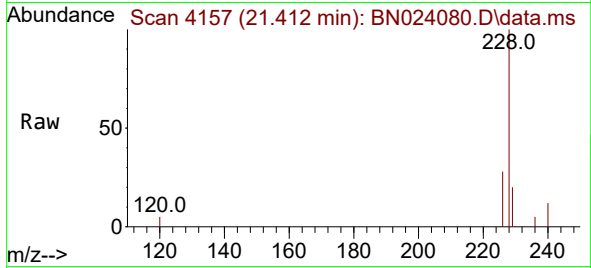




#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.412 min Scan# 4156
Delta R.T. 0.000 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

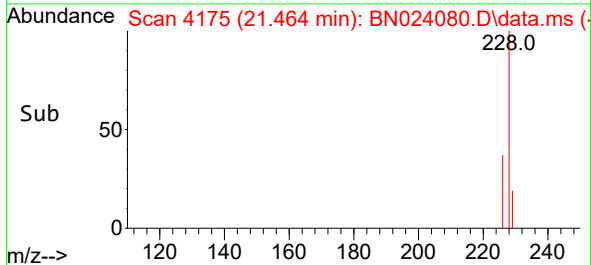
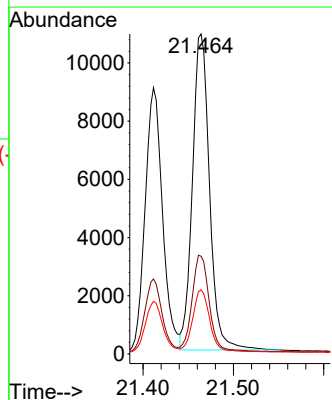
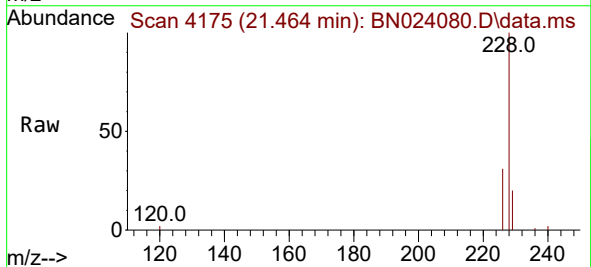
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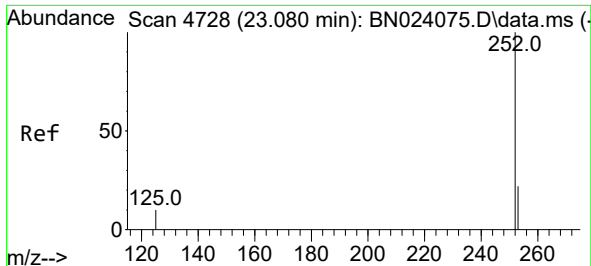
Tgt Ion:228 Resp: 12292
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 0.388 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:228 Resp: 14310
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 20.0 15.5 23.3

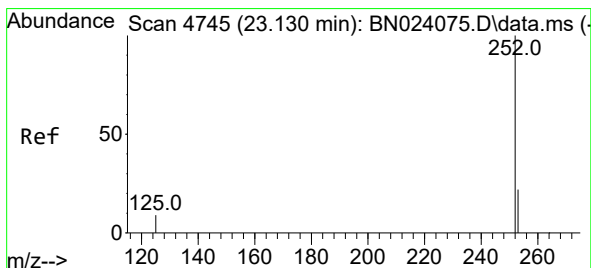
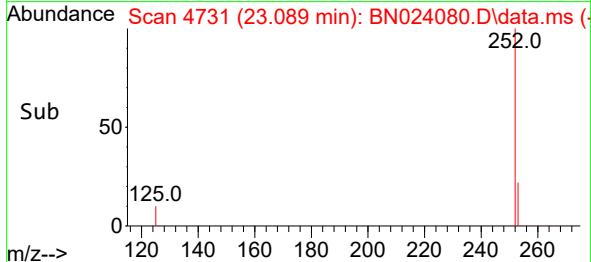
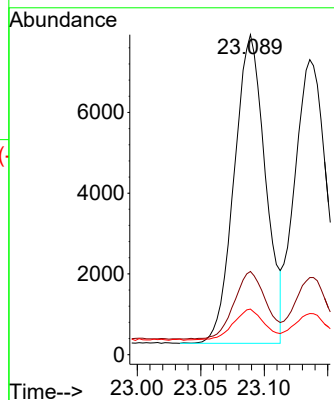
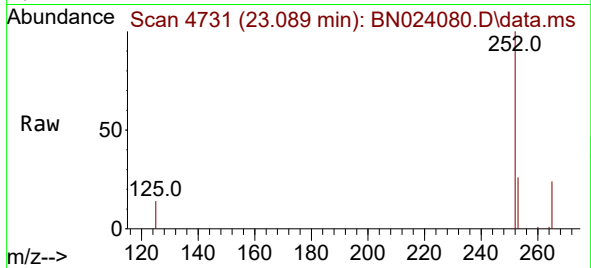




#24
Benzo(b)fluoranthene
Concen: 0.419 ng/ul
RT: 23.089 min Scan# 4728
Delta R.T. -0.003 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

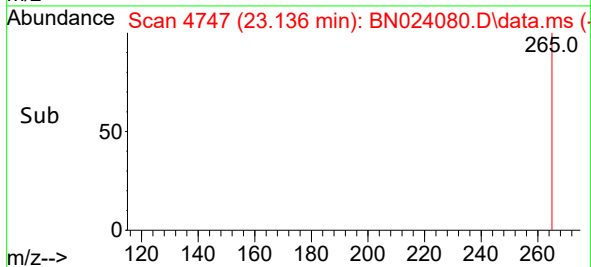
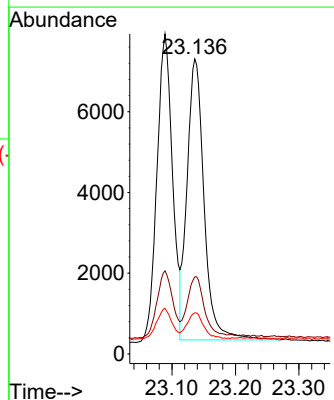
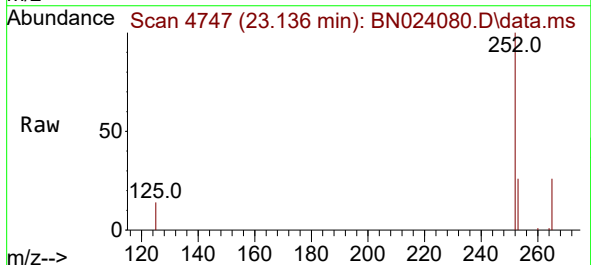
Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

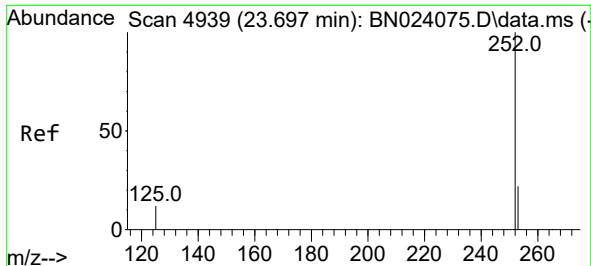
Tgt Ion:252 Resp: 13050
Ion Ratio Lower Upper
252 100
253 26.0 0.0 51.8
125 14.3 0.0 23.6



#25
Benzo(k)fluoranthene
Concen: 0.425 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.003 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

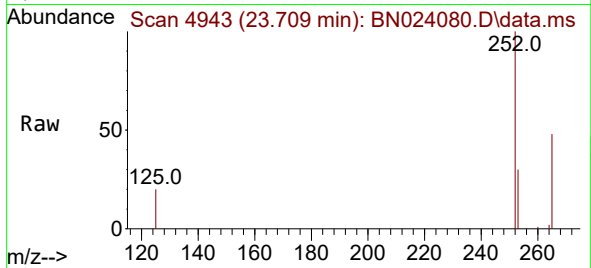
Tgt Ion:252 Resp: 12953
Ion Ratio Lower Upper
252 100
253 26.2 20.2 30.2
125 13.9 9.0 13.4#



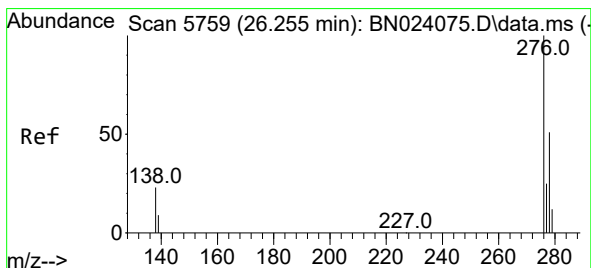
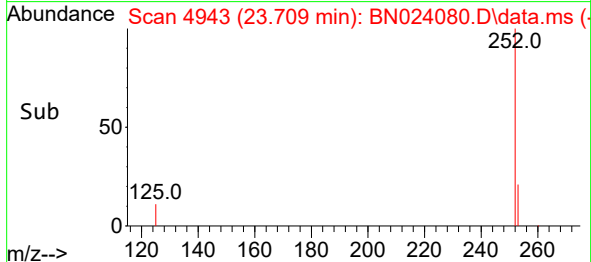
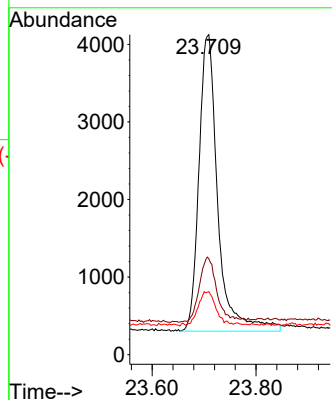


#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.709 min Scan# 4939
Delta R.T. 0.003 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

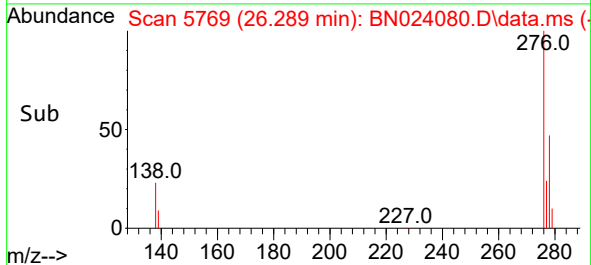
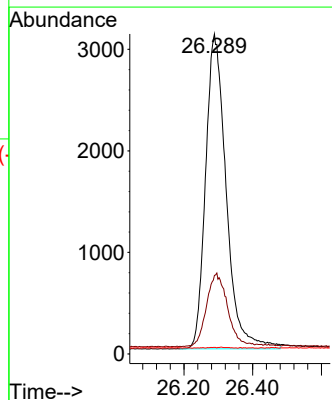
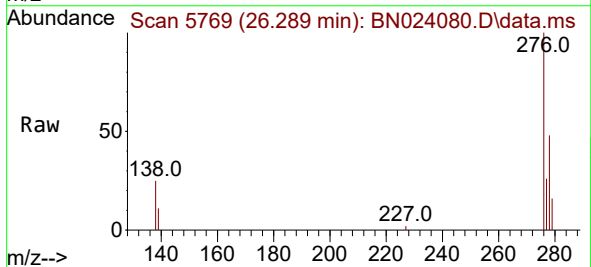


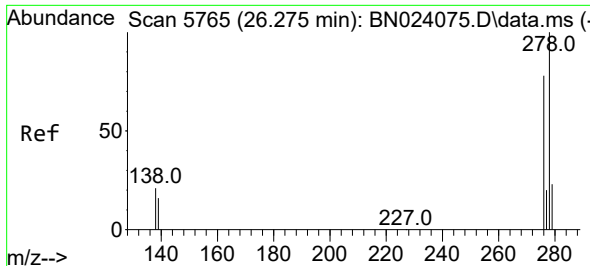
Tgt Ion:252 Resp: 9593
Ion Ratio Lower Upper
252 100
253 30.0 21.5 32.3
125 19.7 11.2 16.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.354 ng/ul
RT: 26.289 min Scan# 5769
Delta R.T. -0.003 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:276 Resp: 12910
Ion Ratio Lower Upper
276 100
138 24.2 17.0 25.6
227 0.1 0.2 0.4#

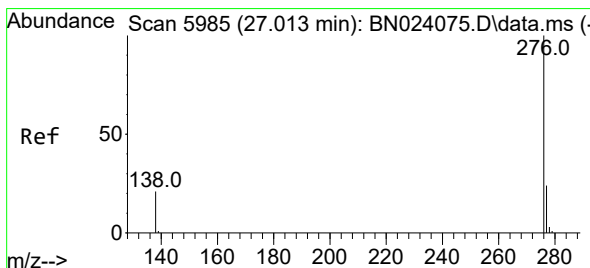
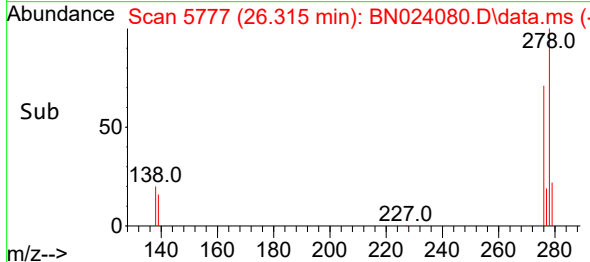
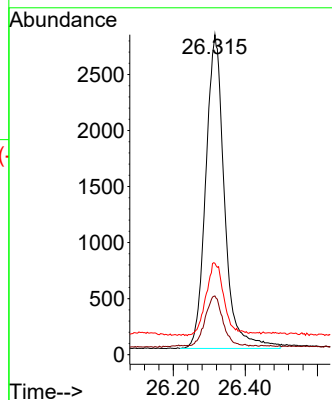
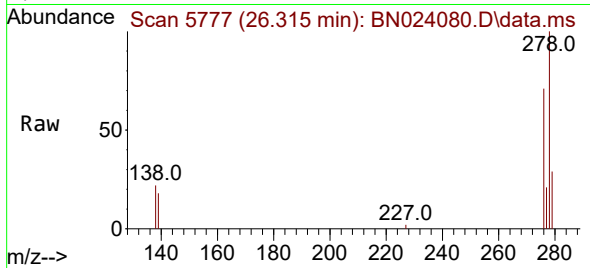




#28
Dibenzo(a,h)anthracene
Concen: 0.347 ng/ul
RT: 26.315 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Instrument :
BNA_N
ClientSampleId :
SSTD0.4384

Tgt Ion:278 Resp: 10102
Ion Ratio Lower Upper
278 100
139 18.4 12.3 18.5
279 28.5 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.388 ng/ul
RT: 27.040 min Scan# 5993
Delta R.T. -0.007 min
Lab File: BN024080.D
Acq: 21 Feb 2023 14:24

Tgt Ion:276 Resp: 11616
Ion Ratio Lower Upper
276 100
138 23.4 15.3 22.9#
277 25.6 19.9 29.9

