

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
 Data File : BN021060.D
 Acq On : 06 Aug 2022 13:05
 Operator : CG/JU
 Sample : PB146786BS
 Misc :
 ALS Vial : 82 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS786

Quant Time: Aug 08 01:38:51 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 03 16:31:11 2022
 Response via : Initial Calibration

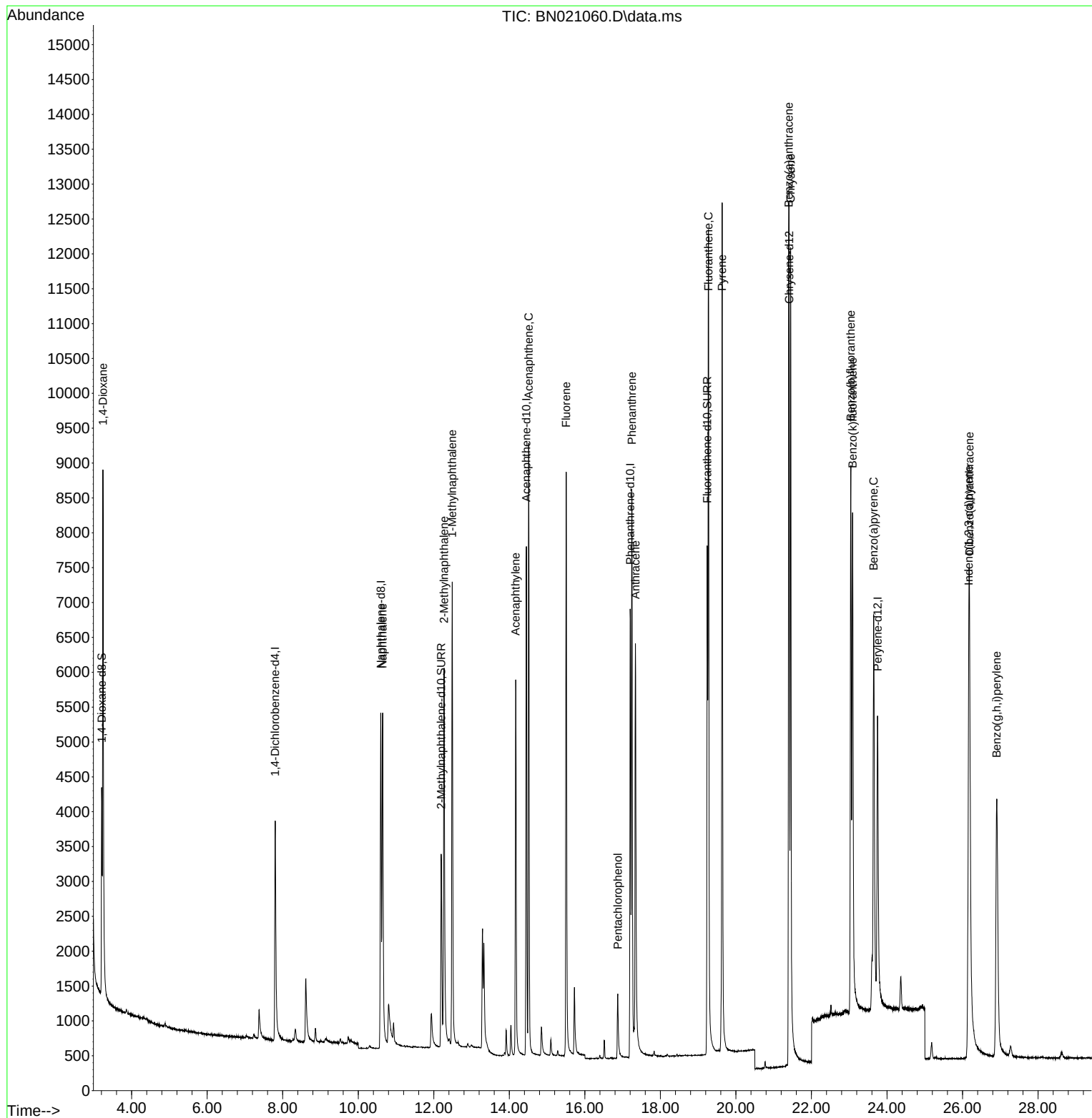
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.801	152	2271	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.596	136	7658	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.452	164	4366	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.201	188	8567	0.400	ng/ul	0.00
17) Chrysene-d12	21.412	240	7349	0.400	ng/ul	0.00
23) Perylene-d12	23.750	264	6366	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.206	96	2068	0.712	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.196	152	4451	0.397	ng/ul	-0.01
18) Fluoranthene-d10	19.244	212	9107	0.401	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	5102	1.705	ng/ul#	85
5) Naphthalene	10.645	128	7795	0.331	ng/ul	99
7) 2-Methylnaphthalene	12.273	142	4794	0.336	ng/ul	100
8) 1-Methylnaphthalene	12.488	142	5156	0.361	ng/ul	100
10) Acenaphthylene	14.169	152	7080	0.347	ng/ul	100
11) Acenaphthene	14.512	153	5503	0.326	ng/ul	99
12) Fluorene	15.506	166	6086	0.330	ng/ul	100
14) Pentachlorophenol	16.872	266	835	0.632	ng/ul	98
15) Phenanthrene	17.243	178	9776	0.319	ng/ul	99
16) Anthracene	17.340	178	8385	0.353	ng/ul	99
19) Fluoranthene	19.272	202	11324	0.348	ng/ul	100
20) Pyrene	19.635	202	11747	0.350	ng/ul	99
21) Benzo(a)anthracene	21.397	228	9682	0.404	ng/ul	99
22) Chrysene	21.447	228	11538	0.365	ng/ul	100
24) Benzo(b)fluoranthene	23.043	252	10737	0.364	ng/ul	99
25) Benzo(k)fluoranthene	23.090	252	11008	0.354	ng/ul	99
26) Benzo(a)pyrene	23.648	252	10148	0.377	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.165	276	10563	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.185	278	8499	0.335	ng/ul	98
29) Benzo(g,h,i)perylene	26.903	276	9302	0.325	ng/ul	99

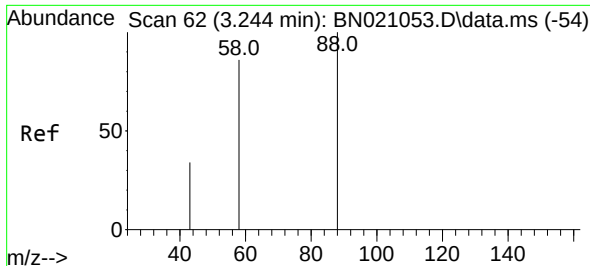
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080422\
Data File : BN021060.D
Acq On : 06 Aug 2022 13:05
Operator : CG/JU
Sample : PB146786BS
Misc :
ALS Vial : 82 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS786

Quant Time: Aug 08 01:38:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN080322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 03 16:31:11 2022
Response via : Initial Calibration

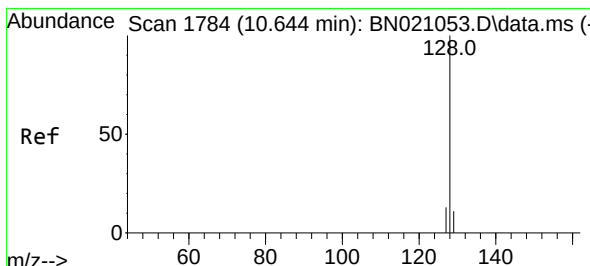
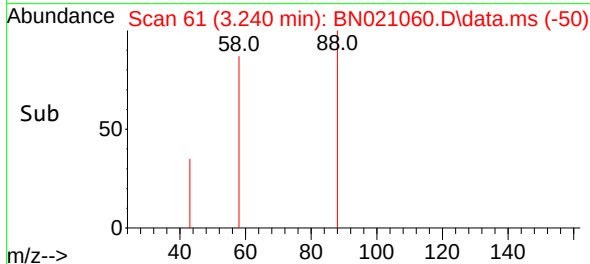
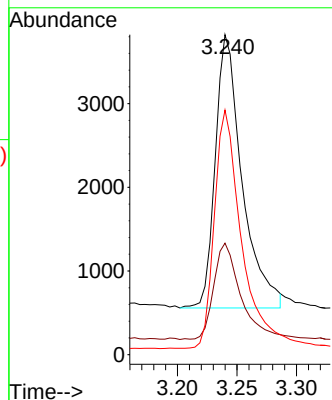
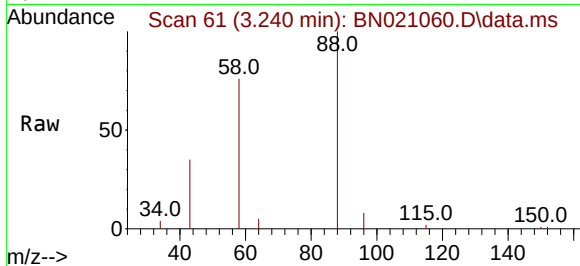




#2
 1,4-Dioxane
 Concen: 1.705 ng/ul
 RT: 3.240 min Scan# 61
 Delta R.T. -0.004 min
 Lab File: BN021060.D
 Acq: 06 Aug 2022 13:05

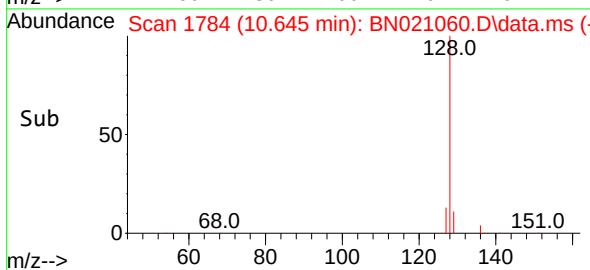
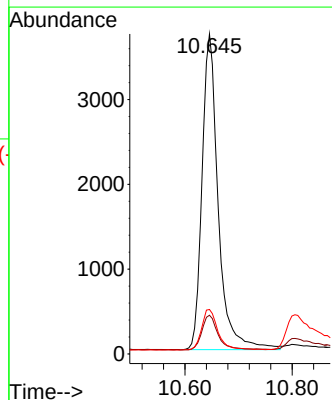
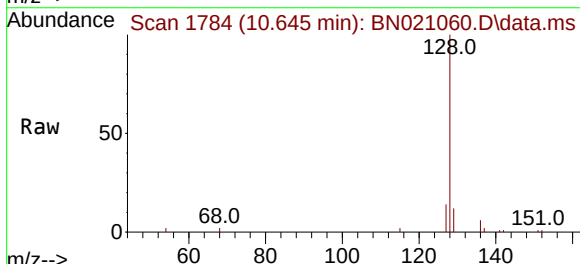
Instrument :
 BNA_N
 ClientSampleId :
 SLCS786

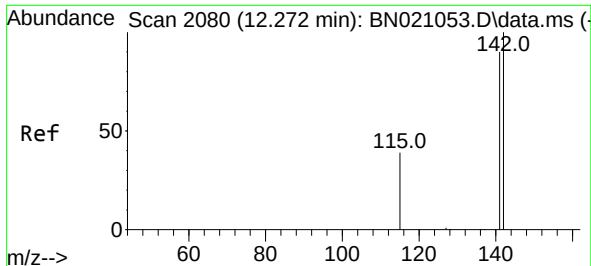
Tgt Ion: 88 Resp: 5102
 Ion Ratio Lower Upper
 88 100
 43 34.8 31.4 47.0
 58 76.4 49.0 73.6#



#5
 Naphthalene
 Concen: 0.331 ng/ul
 RT: 10.645 min Scan# 1784
 Delta R.T. -0.006 min
 Lab File: BN021060.D
 Acq: 06 Aug 2022 13:05

Tgt Ion: 128 Resp: 7795
 Ion Ratio Lower Upper
 128 100
 129 12.1 9.8 14.6
 127 13.9 11.6 17.4

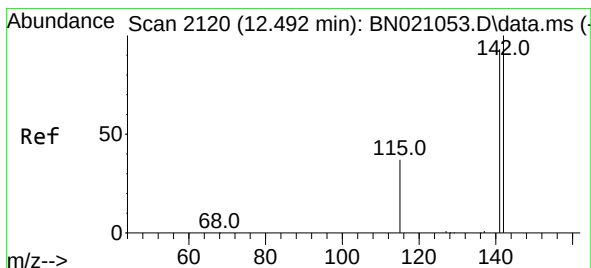
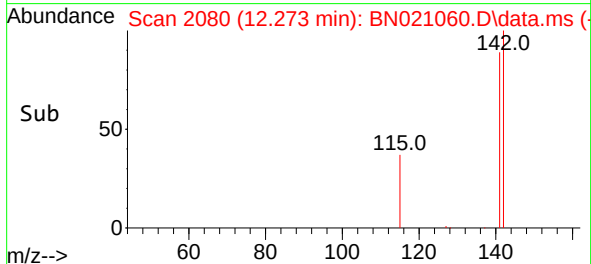
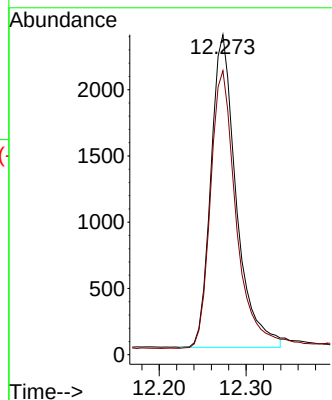
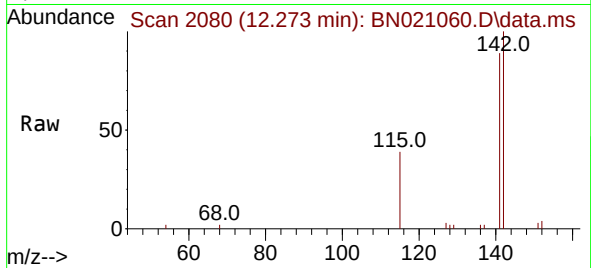




#7
2-Methylnaphthalene
Concen: 0.336 ng/ul
RT: 12.273 min Scan# 2080
Delta R.T. -0.006 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

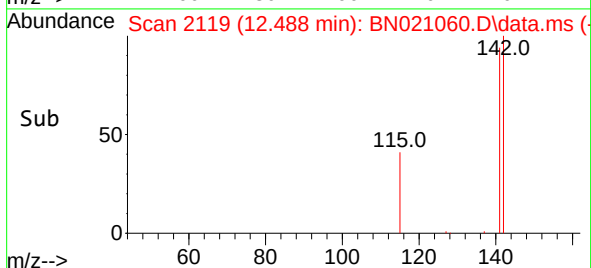
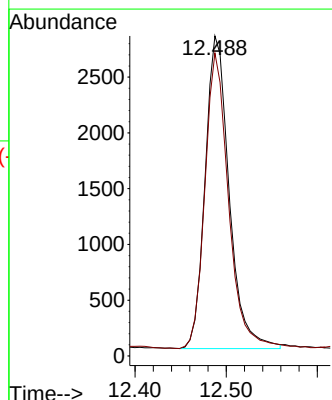
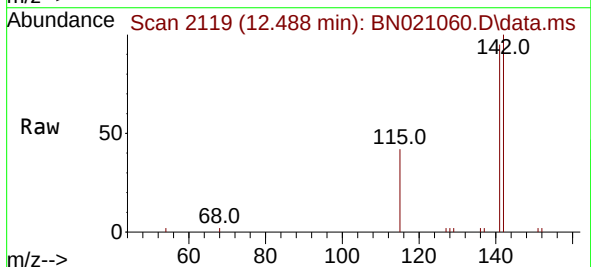
Instrument :
BNA_N
ClientSampleId :
SLCS786

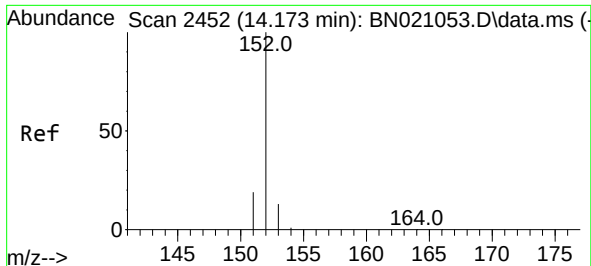
Tgt Ion:142 Resp: 4794
Ion Ratio Lower Upper
142 100
141 90.2 72.2 108.2



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.488 min Scan# 2119
Delta R.T. -0.011 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:142 Resp: 5156
Ion Ratio Lower Upper
142 100
141 92.8 73.9 110.9

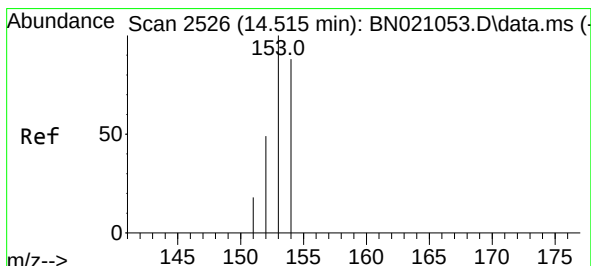
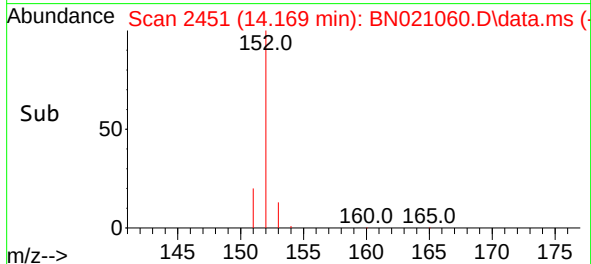
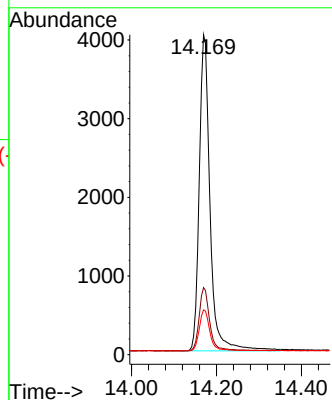
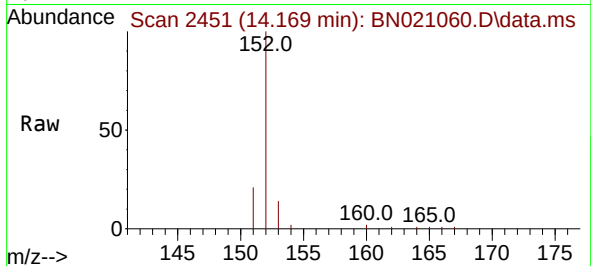




#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.169 min Scan# 2451
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

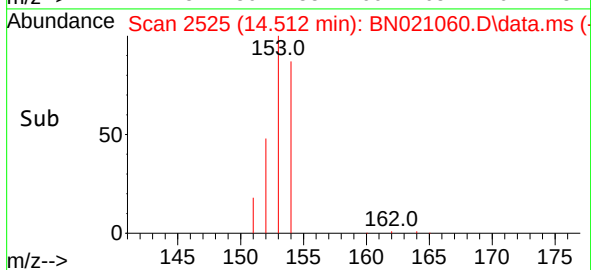
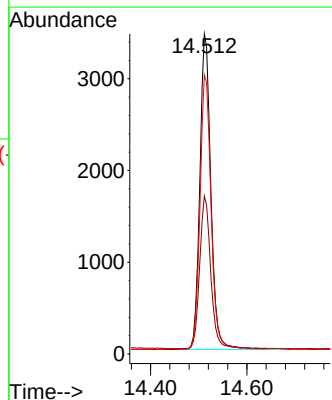
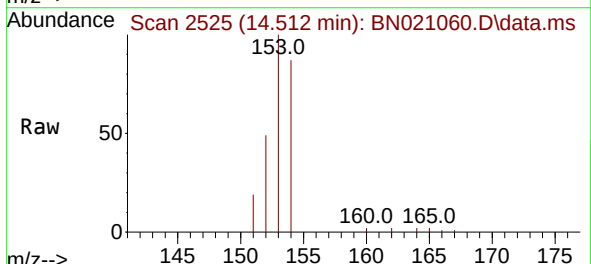
Instrument :
BNA_N
ClientSampleId :
SLCS786

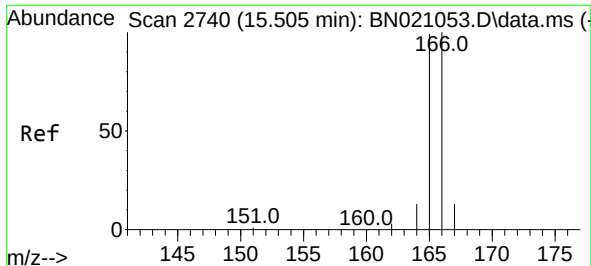
Tgt Ion:152 Resp: 7080
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 14.0 11.2 16.8



#11
Acenaphthene
Concen: 0.326 ng/ul
RT: 14.512 min Scan# 2525
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:153 Resp: 5503
Ion Ratio Lower Upper
153 100
152 49.3 40.2 60.4
154 87.2 70.7 106.1

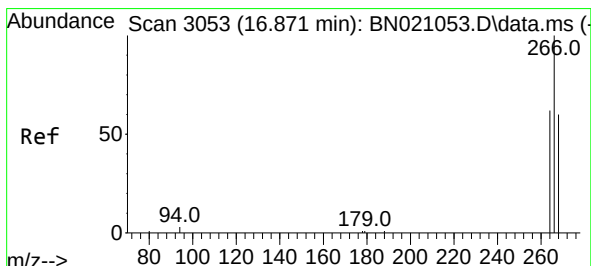
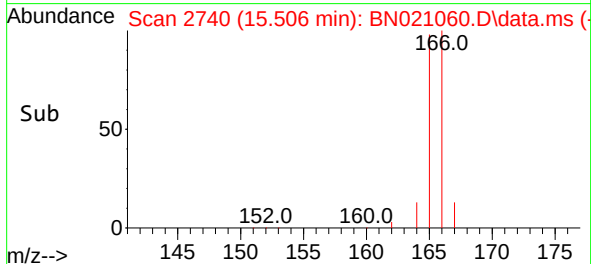
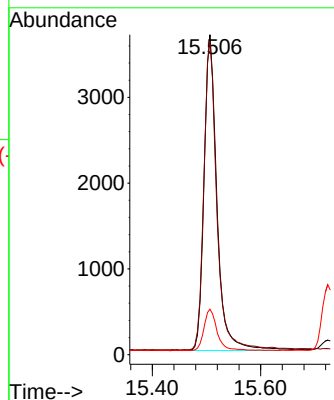
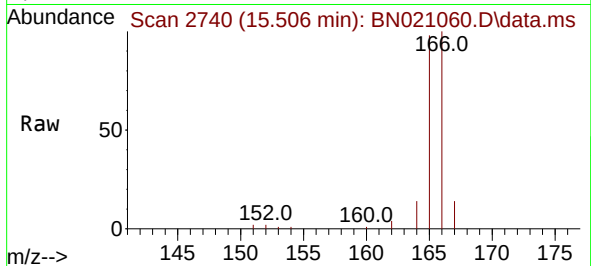




#12
 Fluorene
 Concen: 0.330 ng/ul
 RT: 15.506 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BN021060.D
 Acq: 06 Aug 2022 13:05

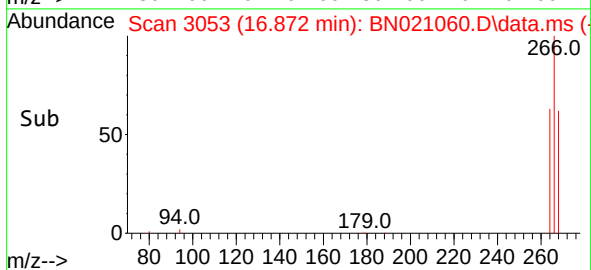
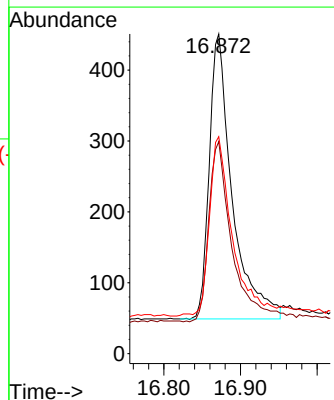
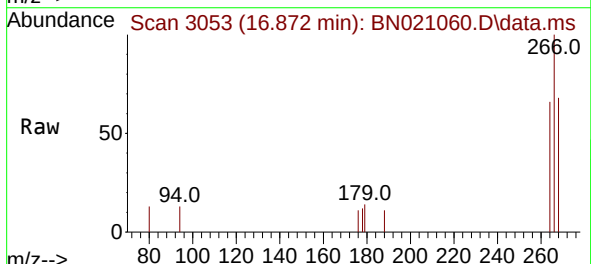
Instrument :
 BNA_N
 ClientSampleId :
 SLCS786

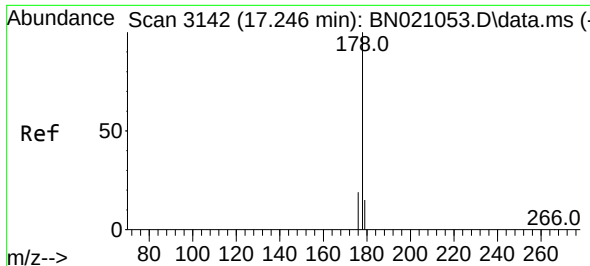
Tgt Ion:166 Resp: 6086
 Ion Ratio Lower Upper
 166 100
 165 98.0 78.6 117.8
 167 14.2 11.8 17.6



#14
 Pentachlorophenol
 Concen: 0.632 ng/ul
 RT: 16.872 min Scan# 3053
 Delta R.T. -0.009 min
 Lab File: BN021060.D
 Acq: 06 Aug 2022 13:05

Tgt Ion:266 Resp: 835
 Ion Ratio Lower Upper
 266 100
 264 64.0 49.8 74.8
 268 64.4 50.6 75.8

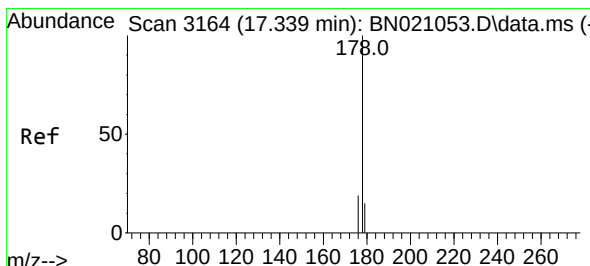
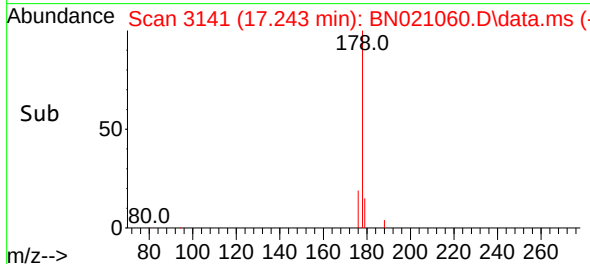
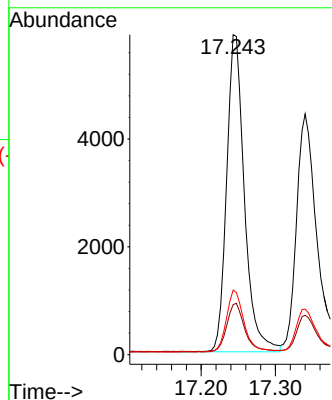
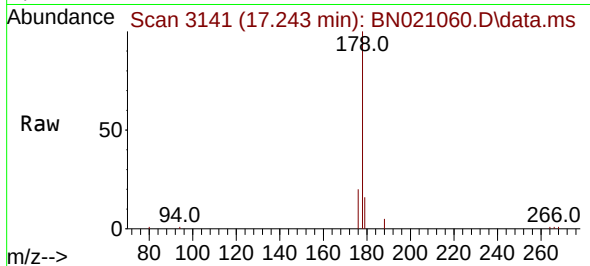




#15
Phenanthrene
Concen: 0.319 ng/ul
RT: 17.243 min Scan# 3141
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

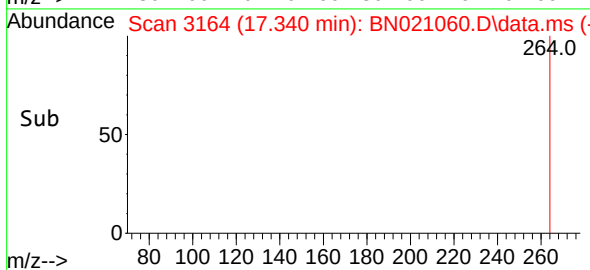
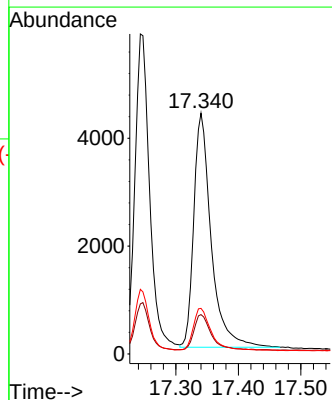
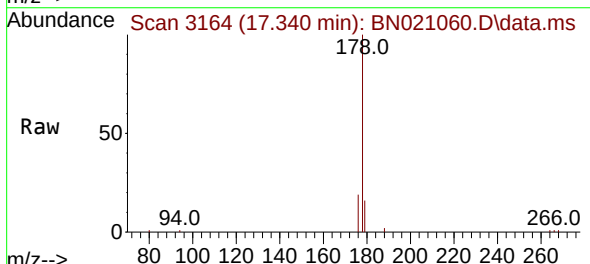
Instrument :
BNA_N
ClientSampleId :
SLCS786

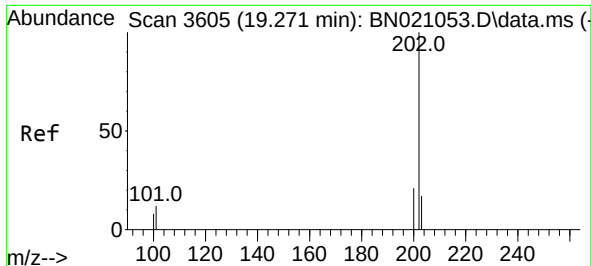
Tgt Ion:178 Resp: 9776
Ion Ratio Lower Upper
178 100
179 15.6 12.8 19.2
176 20.2 15.9 23.9



#16
Anthracene
Concen: 0.353 ng/ul
RT: 17.340 min Scan# 3164
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:178 Resp: 8385
Ion Ratio Lower Upper
178 100
179 16.4 12.9 19.3
176 19.0 15.9 23.9

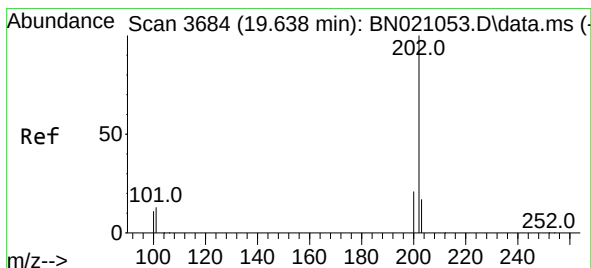
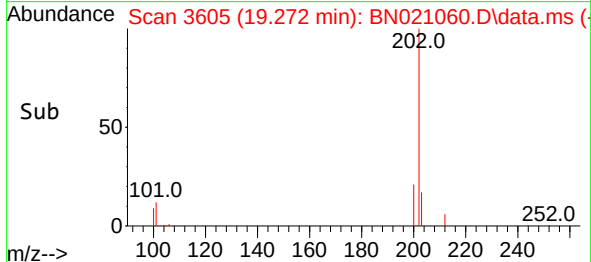
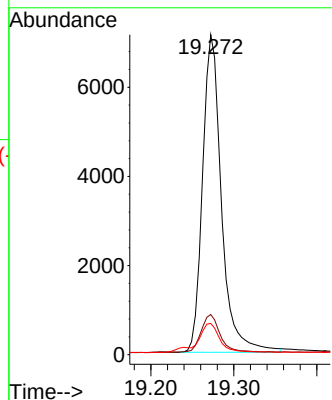
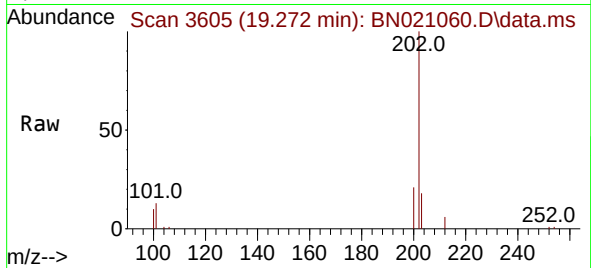




#19
Fluoranthene
Concen: 0.348 ng/u1
RT: 19.272 min Scan# 3605
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

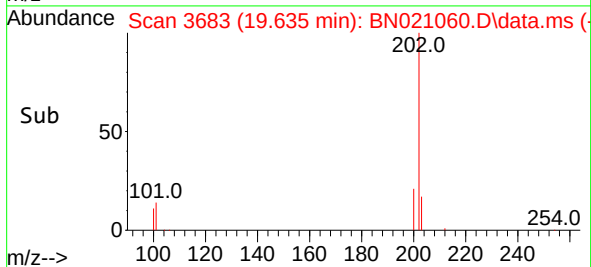
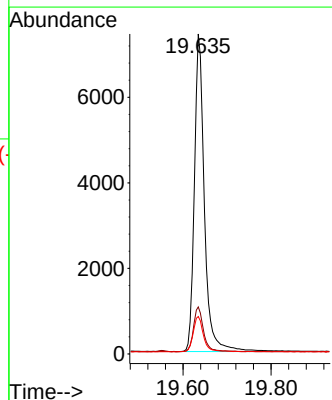
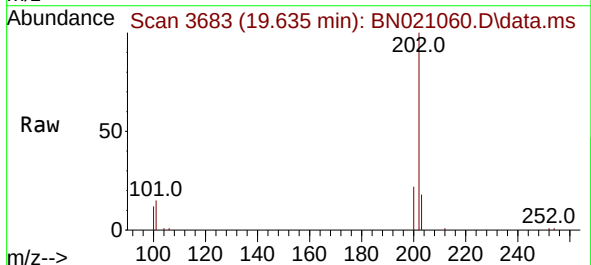
Instrument :
BNA_N
ClientSampleId :
SLCS786

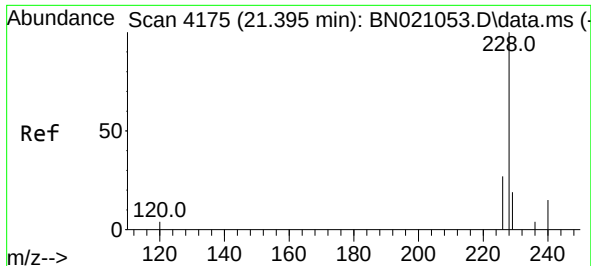
Tgt Ion:202 Resp: 11324
Ion Ratio Lower Upper
202 100
101 12.6 10.0 15.0
100 9.8 8.0 12.0



#20
Pyrene
Concen: 0.350 ng/u1
RT: 19.635 min Scan# 3683
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:202 Resp: 11747
Ion Ratio Lower Upper
202 100
101 14.7 11.3 16.9
100 11.7 9.0 13.4

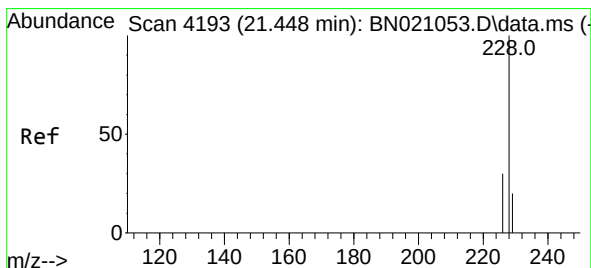
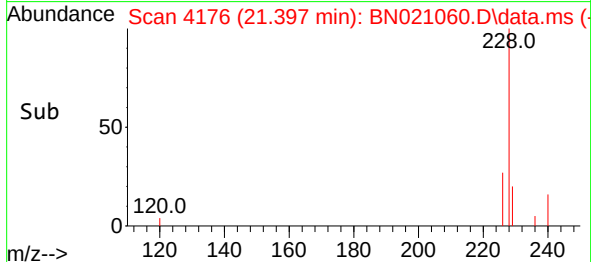
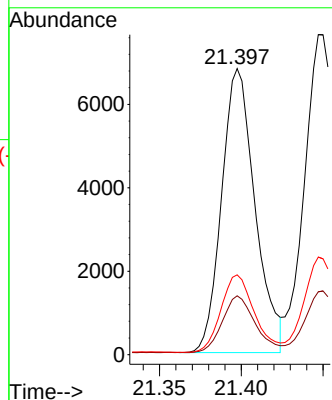
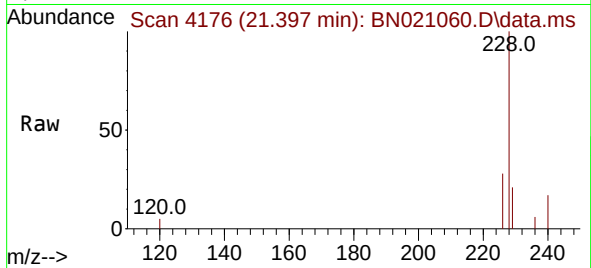




#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.397 min Scan# 4175
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

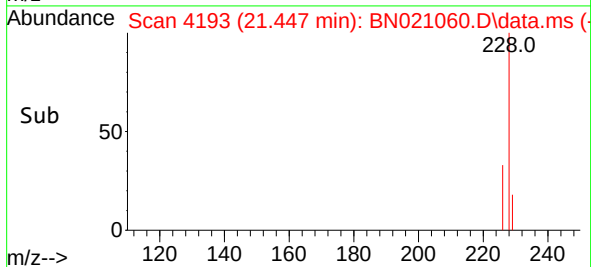
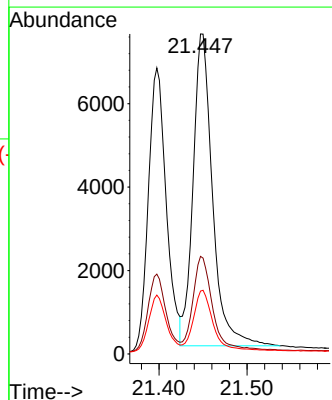
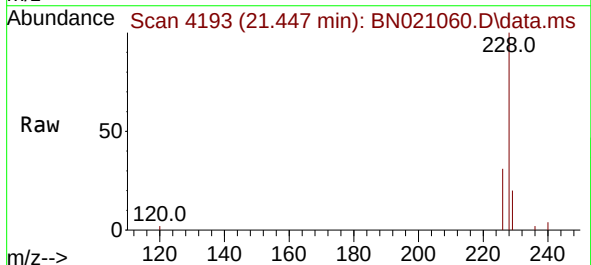
Instrument :
BNA_N
ClientSampleId :
SLCS786

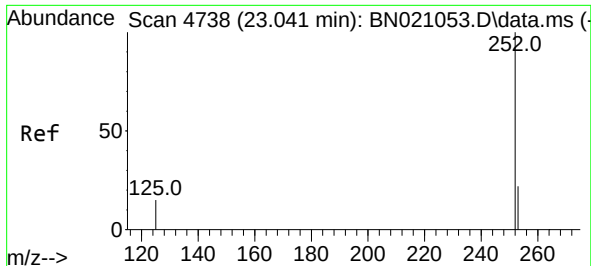
Tgt Ion:228 Resp: 9682
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 27.9 21.9 32.9



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.447 min Scan# 4193
Delta R.T. -0.012 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:228 Resp: 11538
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 19.7 15.8 23.8

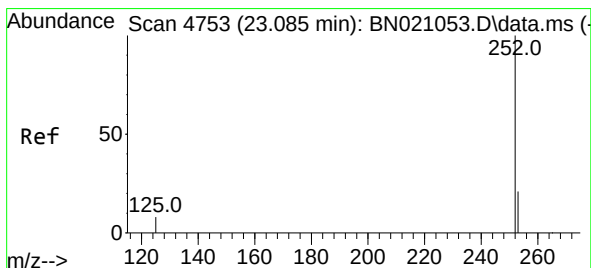
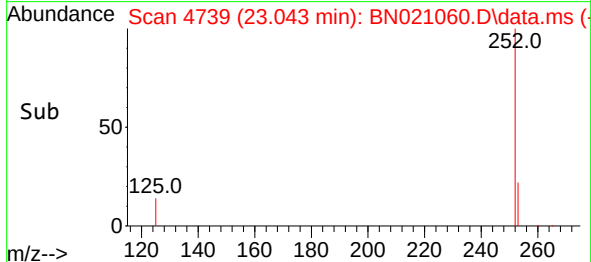
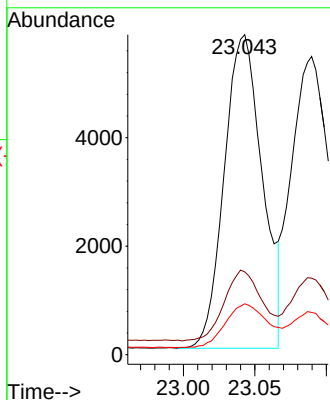
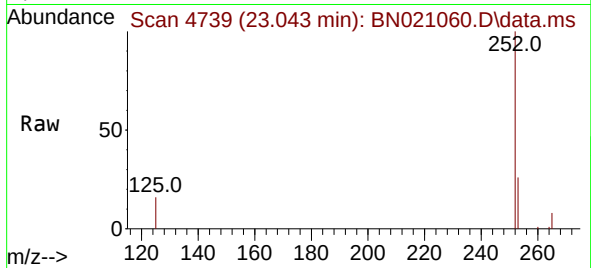




#24
Benzo(b)fluoranthene
Concen: 0.364 ng/ul
RT: 23.043 min Scan# 4738
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

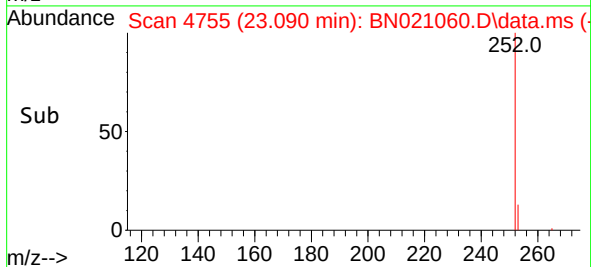
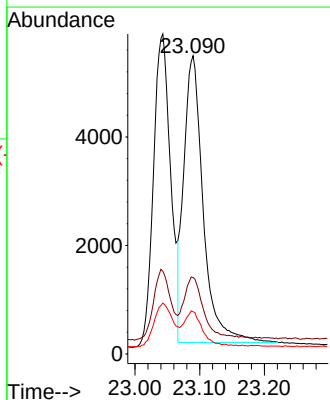
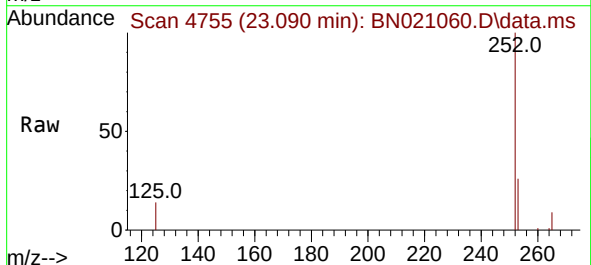
Instrument :
BNA_N
ClientSampleId :
SLCS786

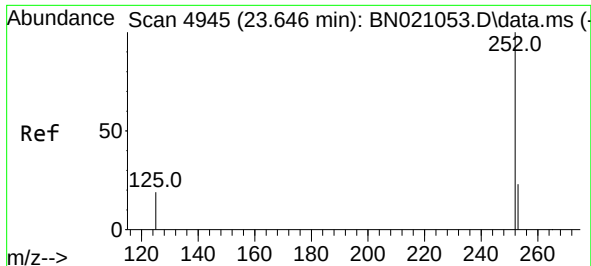
Tgt Ion:252 Resp: 10737
Ion Ratio Lower Upper
252 100
253 25.9 0.0 50.8
125 15.9 0.0 30.0



#25
Benzo(k)fluoranthene
Concen: 0.354 ng/ul
RT: 23.090 min Scan# 4755
Delta R.T. -0.009 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:252 Resp: 11008
Ion Ratio Lower Upper
252 100
253 25.7 20.6 31.0
125 14.1 11.8 17.6

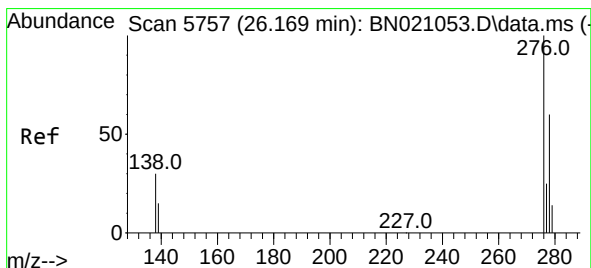
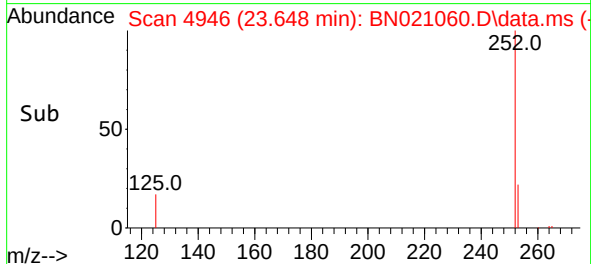
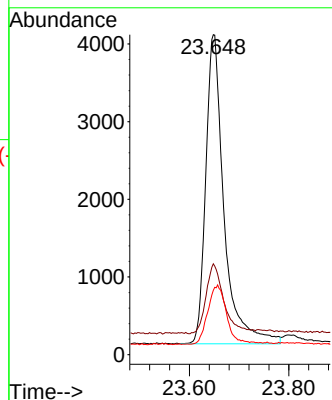
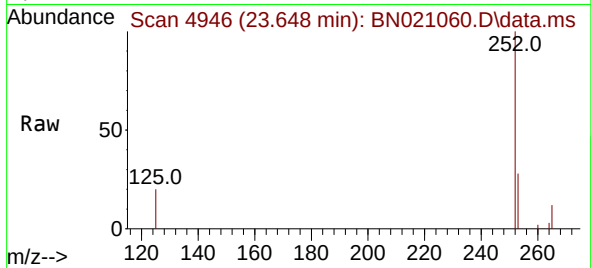




#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.648 min Scan# 4945
Delta R.T. -0.012 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

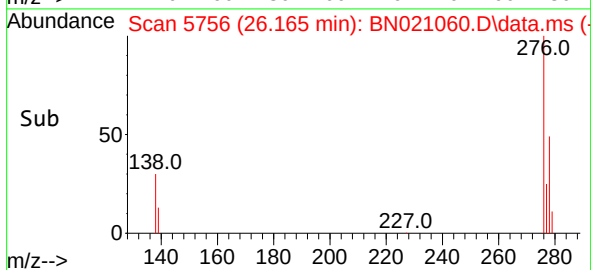
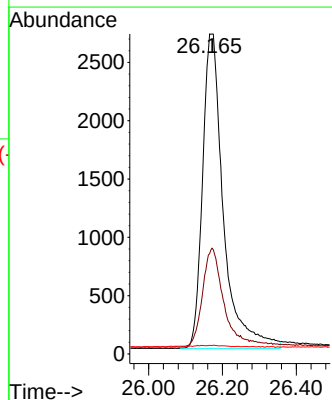
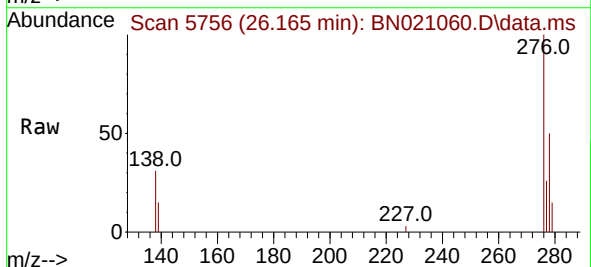
Instrument :
BNA_N
ClientSampleId :
SLCS786

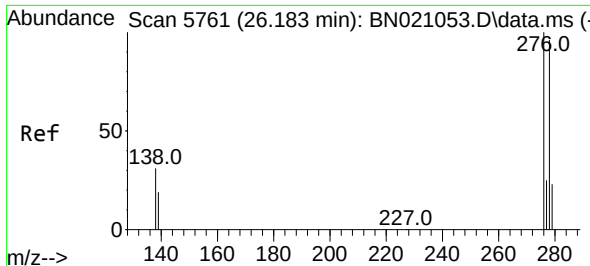
Tgt Ion:252 Resp: 10148
Ion Ratio Lower Upper
252 100
253 28.4 22.1 33.1
125 20.1 14.7 22.1



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.165 min Scan# 5756
Delta R.T. -0.020 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:276 Resp: 10563
Ion Ratio Lower Upper
276 100
138 33.0 26.1 39.1
227 0.0 0.1 0.1#

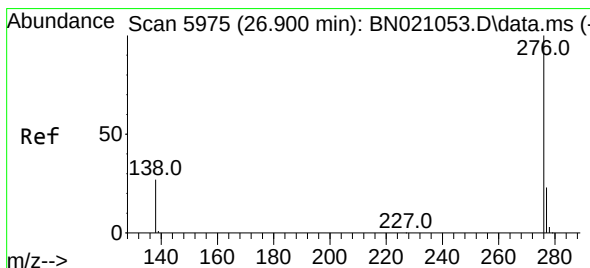
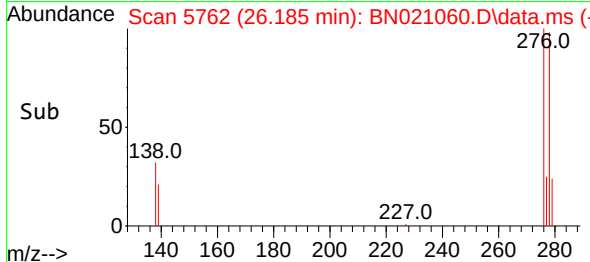
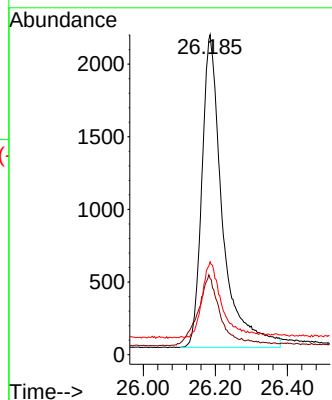
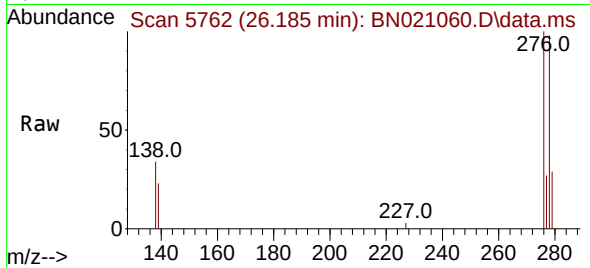




#28
Dibenzo(a,h)anthracene
Concen: 0.335 ng/ul
RT: 26.185 min Scan# 5761
Delta R.T. -0.024 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Instrument :
BNA_N
ClientSampleId :
SLCS786

Tgt Ion:278 Resp: 8499
Ion Ratio Lower Upper
278 100
139 23.8 18.3 27.5
279 29.1 23.9 35.9



#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.903 min Scan# 5976
Delta R.T. -0.027 min
Lab File: BN021060.D
Acq: 06 Aug 2022 13:05

Tgt Ion:276 Resp: 9302
Ion Ratio Lower Upper
276 100
138 28.5 22.6 34.0
277 24.7 20.2 30.2

