

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061022\
 Data File : BN020090.D
 Acq On : 09 Jun 2022 20:55
 Operator : CG/JU
 Sample : PB145380BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS380

Quant Time: Jun 10 02:43:23 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN053122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 10 02:40:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

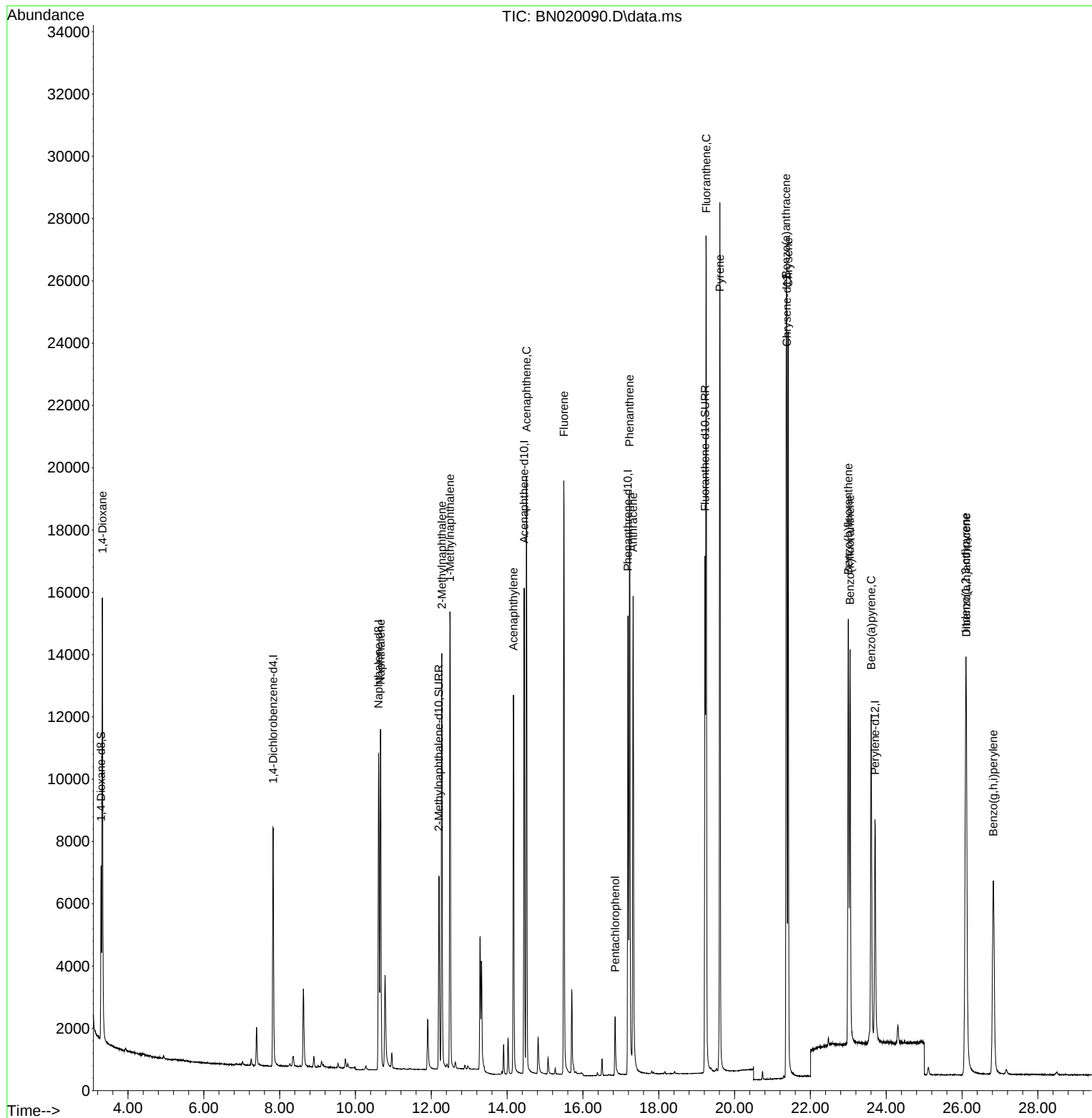
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4445	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	14636	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.451	164	8938	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	18619	0.400	ng/ul	0.00
17) Chrysene-d12	21.376	240	14687	0.400	ng/ul	0.00
23) Perylene-d12	23.703	264	10692	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	3549	0.701	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	8938	0.383	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	19001	0.428	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	9064	1.702	ng/ul#	70
5) Naphthalene	10.661	128	15588	0.338	ng/ul	100
7) 2-Methylnaphthalene	12.278	142	10292	0.348	ng/ul#	100
8) 1-Methylnaphthalene	12.498	142	10710	0.388	ng/ul#	100
10) Acenaphthylene	14.169	152	15010	0.339	ng/ul	99
11) Acenaphthene	14.511	153	11533	0.338	ng/ul	99
12) Fluorene	15.496	166	13152	0.336	ng/ul	99
14) Pentachlorophenol	16.850	266	1578	0.403	ng/ul	89
15) Phenanthrene	17.230	178	21976	0.333	ng/ul	99
16) Anthracene	17.323	178	19407	0.340	ng/ul	99
19) Fluoranthene	19.253	202	24644	0.393	ng/ul	98
20) Pyrene	19.611	202	24978	0.395	ng/ul	99
21) Benzo(a)anthracene	21.362	228	19813	0.368	ng/ul	99
22) Chrysene	21.414	228	21381	0.352	ng/ul	100
24) Benzo(b)fluoranthene	23.001	252	18419	0.375	ng/ul	96
25) Benzo(k)fluoranthene	23.045	252	17575	0.365	ng/ul	99
26) Benzo(a)pyrene	23.603	252	16513	0.368	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.097	276	17215	0.336	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.111	278	14069	0.337	ng/ul#	81
29) Benzo(g,h,i)perylene	26.825	276	14657	0.338	ng/ul	97

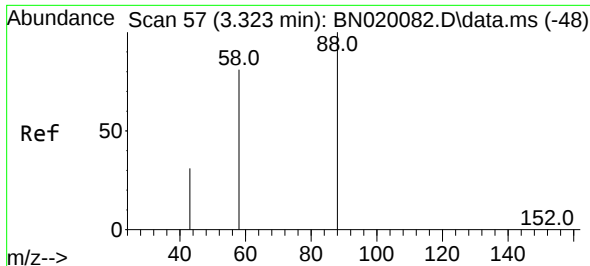
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 02:43:23 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 10 02:40:52 2022
Response via : Initial Calibration

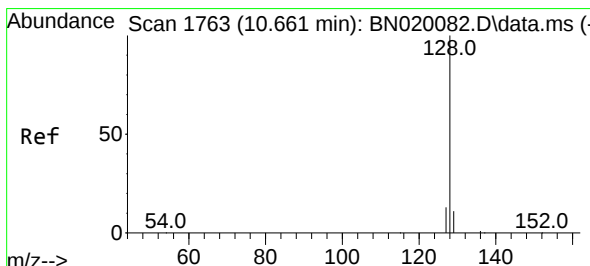
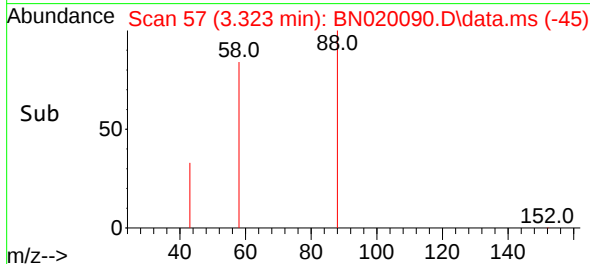
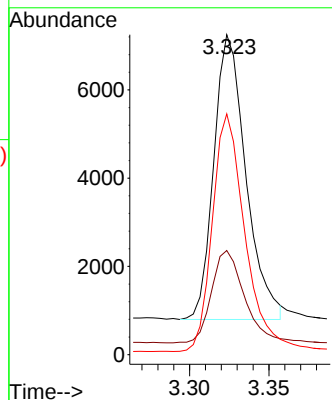
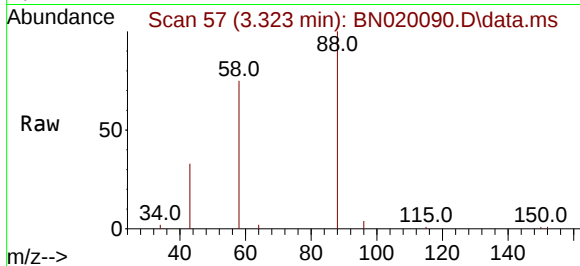




#2
1,4-Dioxane
Concen: 1.702 ng/ul
RT: 3.323 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

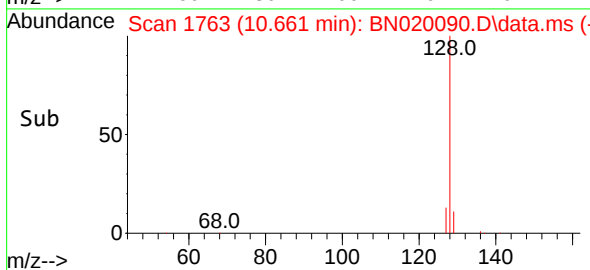
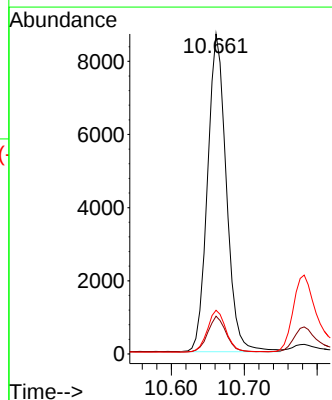
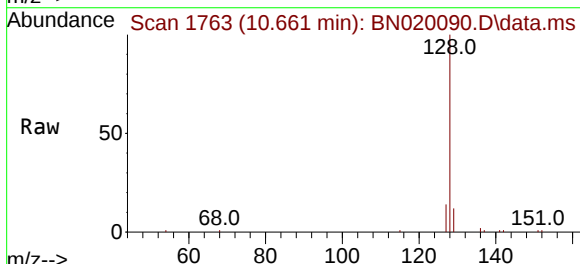
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BNA_N
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SLCS380

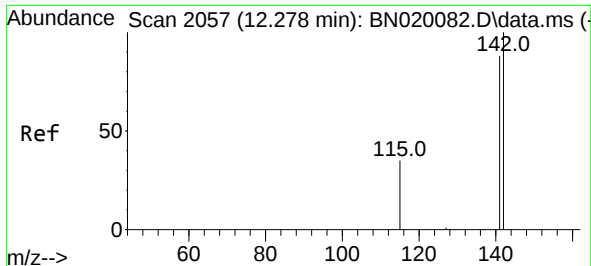
Tgt Ion: 88 Resp: 9064
Ion Ratio Lower Upper
88 100
43 32.5 39.0 58.4#
58 75.2 39.8 59.8#



#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.661 min Scan# 1763
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion: 128 Resp: 15588
Ion Ratio Lower Upper
128 100
129 11.8 9.5 14.3
127 13.7 11.0 16.4

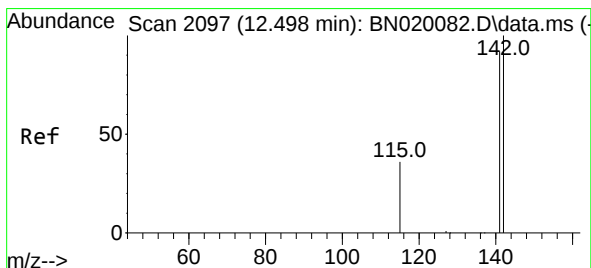
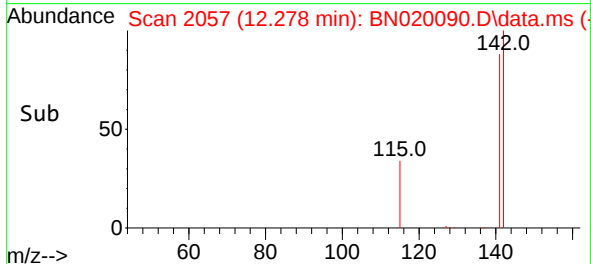
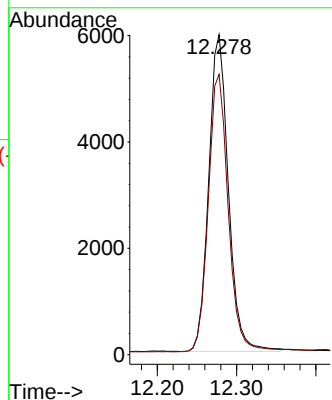
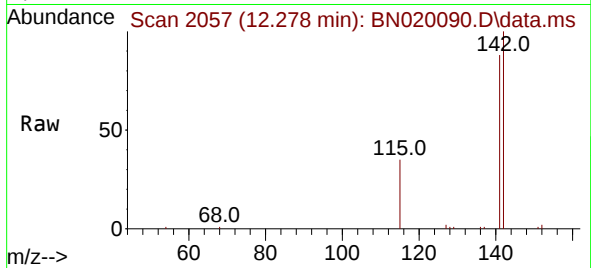




#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.278 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

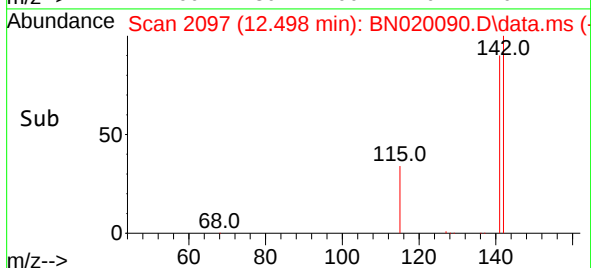
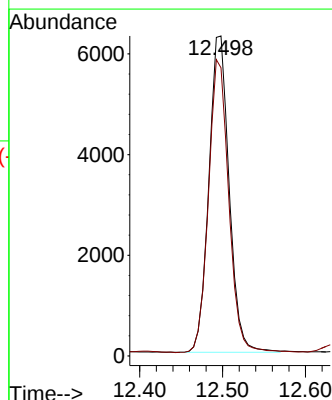
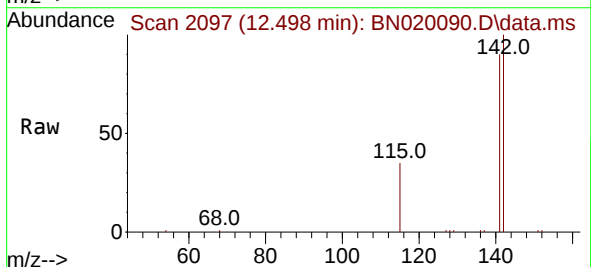
Instrument :
BNA_N
ClientSampleId :
SLCS380

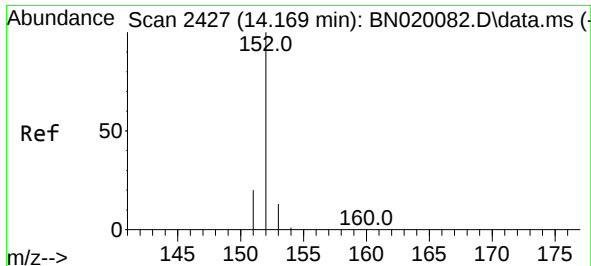
Tgt Ion:142 Resp: 10292
Ion Ratio Lower Upper
142 100
141 88.6 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.388 ng/ul
RT: 12.498 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:142 Resp: 10710
Ion Ratio Lower Upper
142 100
141 92.4 0.0 0.0#

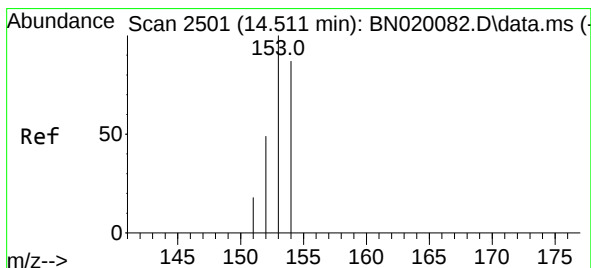
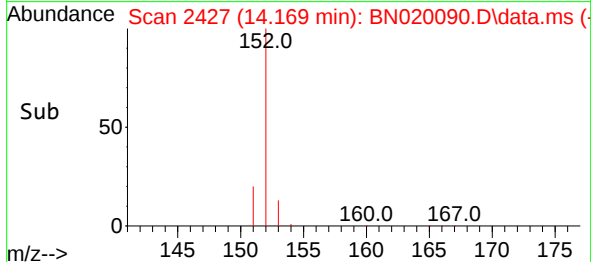
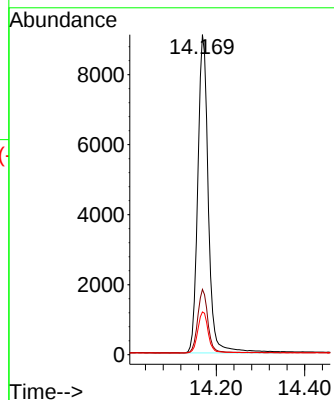
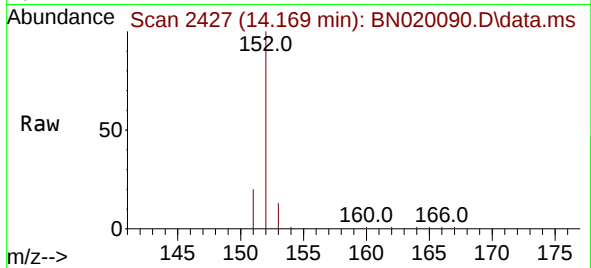




#10
Acenaphthylene
Concen: 0.339 ng/ul
RT: 14.169 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

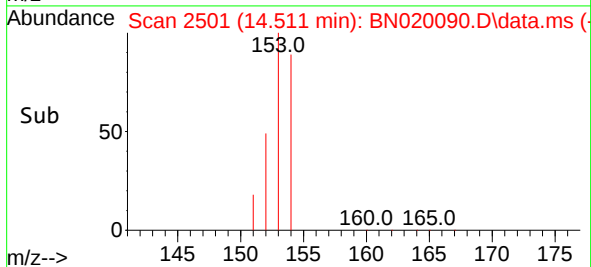
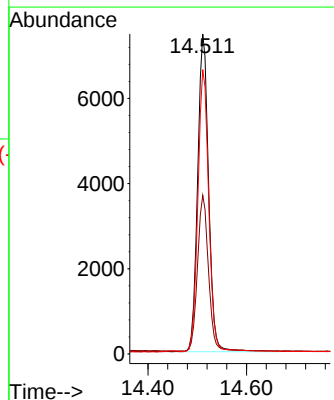
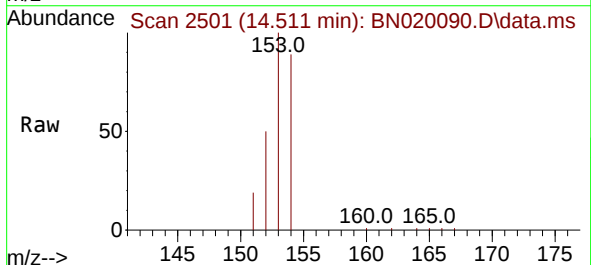
Instrument :
BNA_N
ClientSampleId :
SLCS380

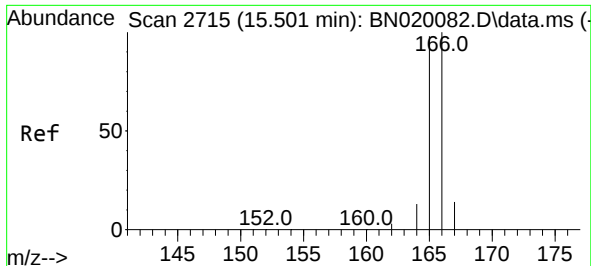
Tgt Ion:152 Resp: 15010
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.4 11.1 16.7



#11
Acenaphthene
Concen: 0.338 ng/ul
RT: 14.511 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:153 Resp: 11533
Ion Ratio Lower Upper
153 100
152 49.6 38.6 57.8
154 88.8 71.2 106.8

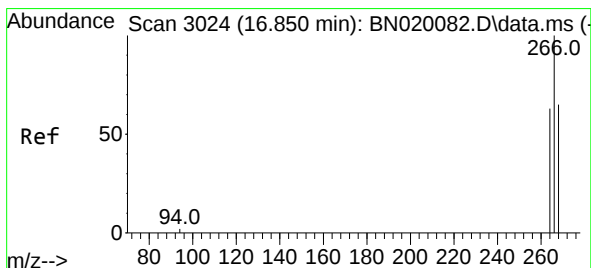
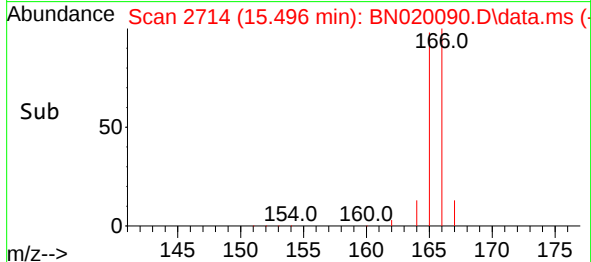
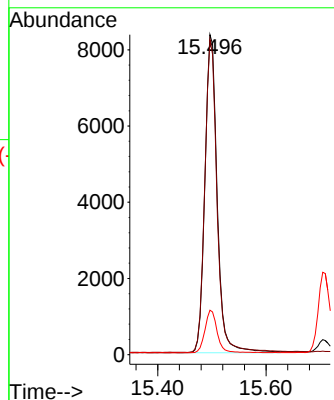
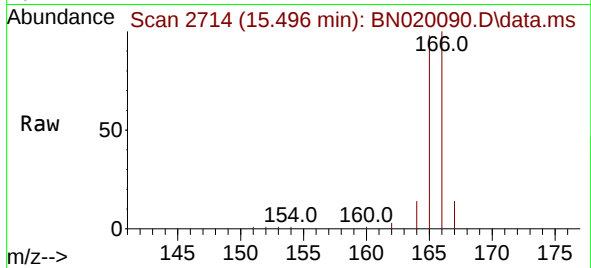




#12
Fluorene
Concen: 0.336 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.005 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

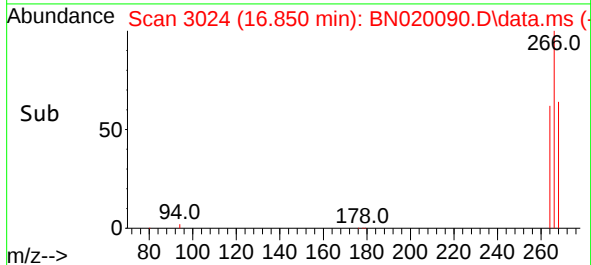
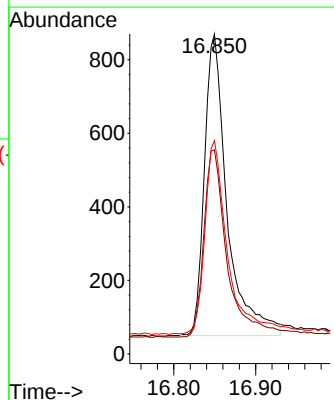
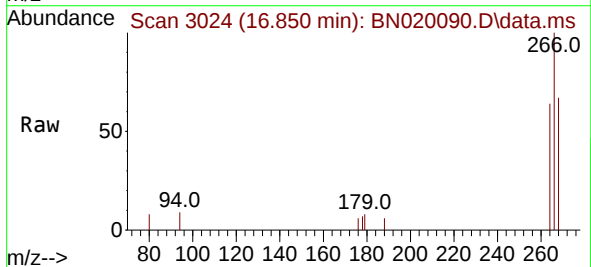
Instrument :
BNA_N
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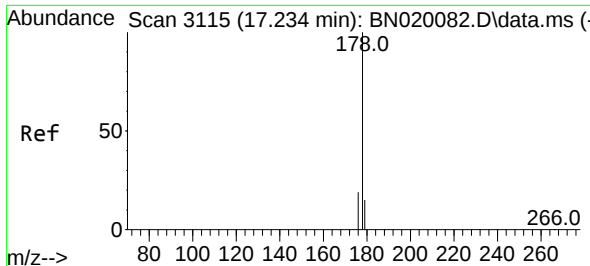
Tgt Ion:166 Resp: 13152
Ion Ratio Lower Upper
166 100
165 98.4 78.2 117.2
167 13.9 11.3 16.9



#14
Pentachlorophenol
Concen: 0.403 ng/ul
RT: 16.850 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:266 Resp: 1578
Ion Ratio Lower Upper
266 100
264 63.4 44.9 67.3
268 64.6 44.6 67.0

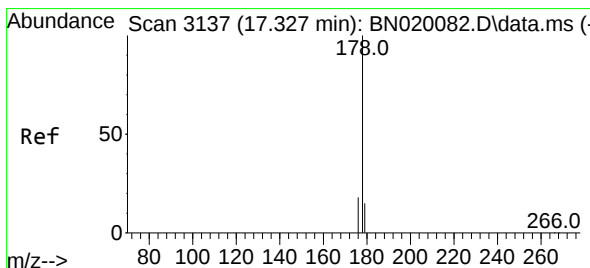
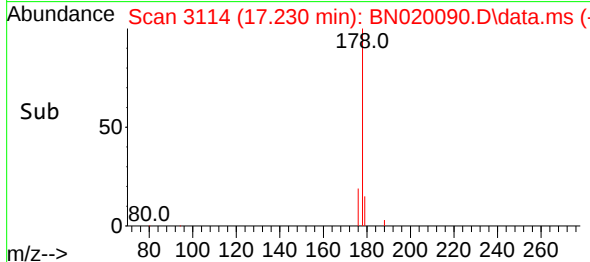
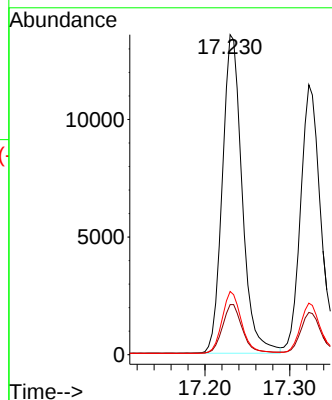
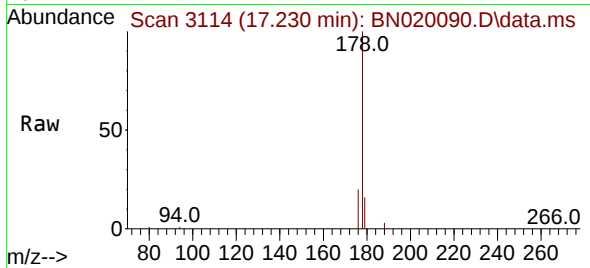




#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.230 min Scan# 3115
Delta R.T. -0.004 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

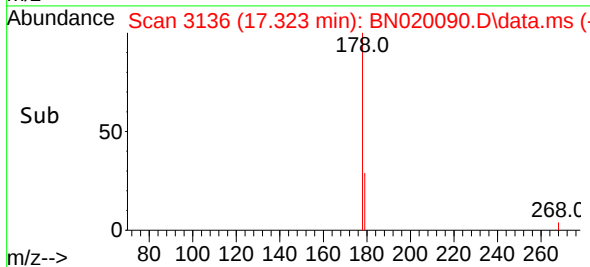
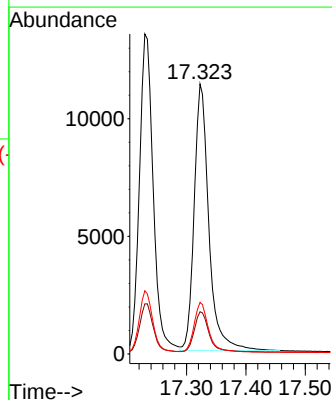
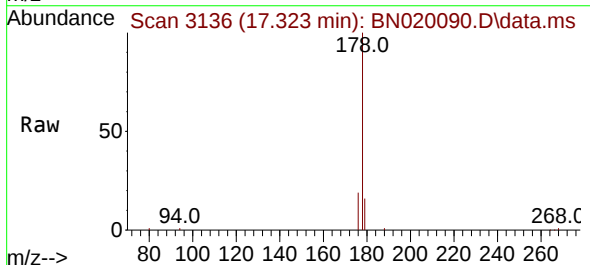
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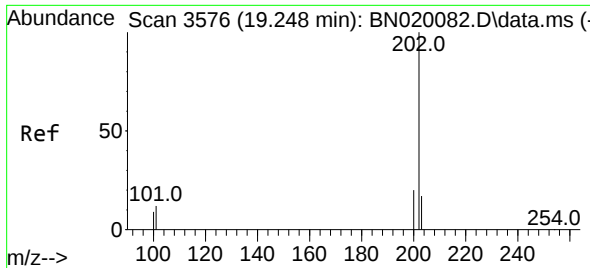
Tgt Ion:178 Resp: 21976
Ion Ratio Lower Upper
178 100
179 15.6 12.9 19.3
176 19.7 15.5 23.3



#16
Anthracene
Concen: 0.340 ng/ul
RT: 17.323 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:178 Resp: 19407
Ion Ratio Lower Upper
178 100
179 15.6 13.1 19.7
176 19.1 15.3 22.9

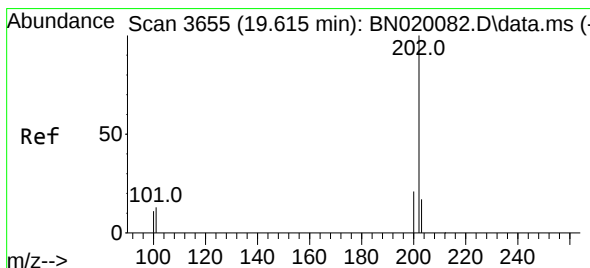
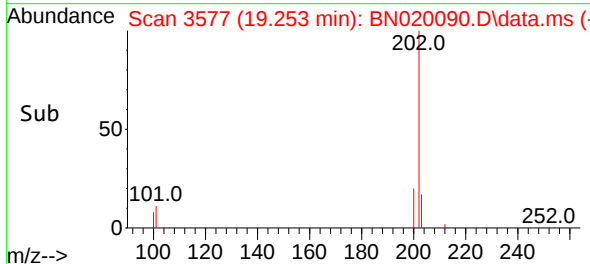
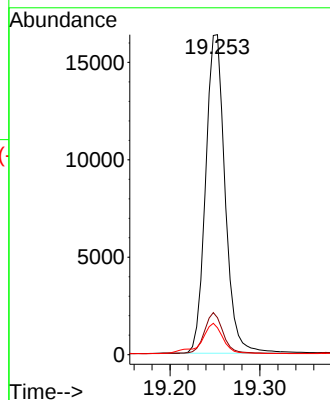
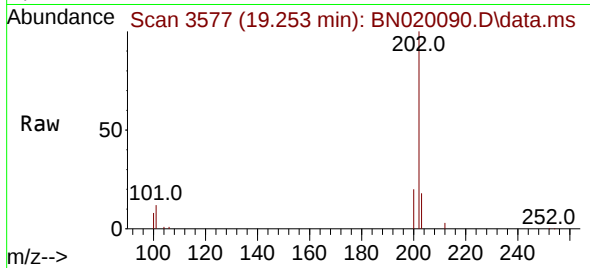




#19
Fluoranthene
Concen: 0.393 ng/ul
RT: 19.253 min Scan# 3577
Delta R.T. 0.005 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

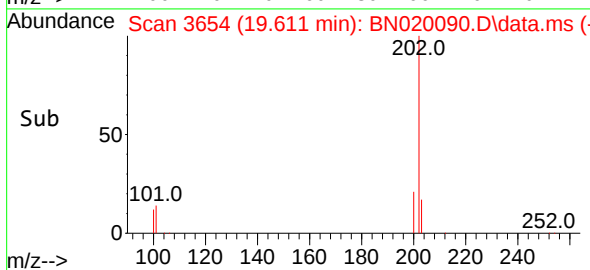
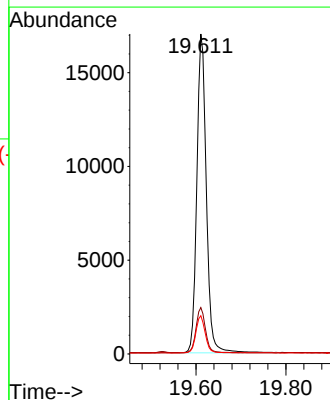
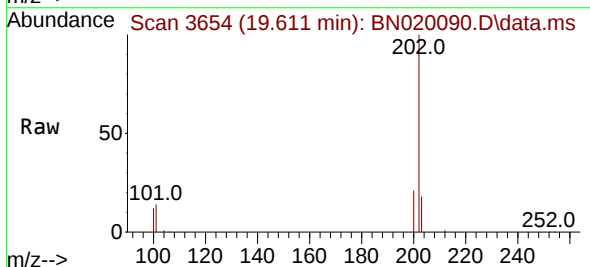
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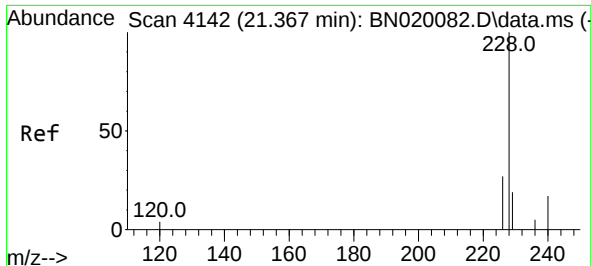
Tgt Ion:202 Resp: 24644
Ion Ratio Lower Upper
202 100
101 11.5 9.7 14.5
100 8.4 7.4 11.2



#20
Pyrene
Concen: 0.395 ng/ul
RT: 19.611 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:202 Resp: 24978
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 11.9 9.0 13.4

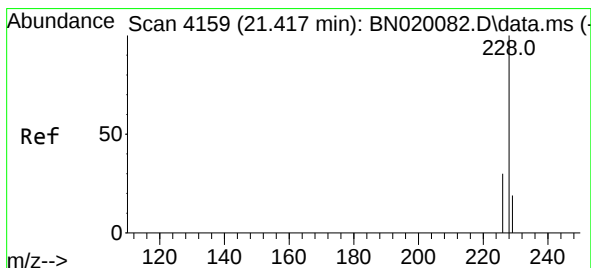
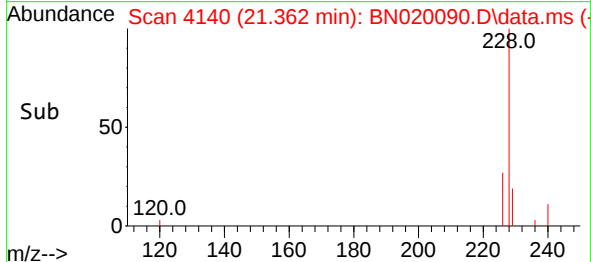
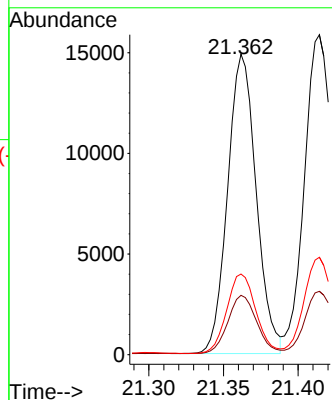
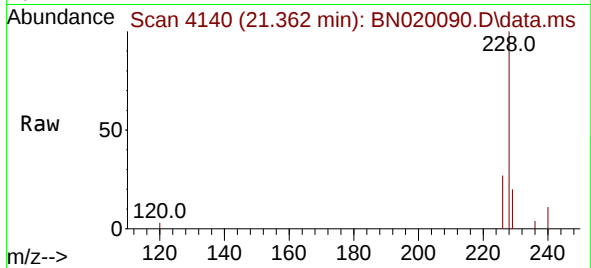




#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.362 min Scan# 4142
Delta R.T. -0.006 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

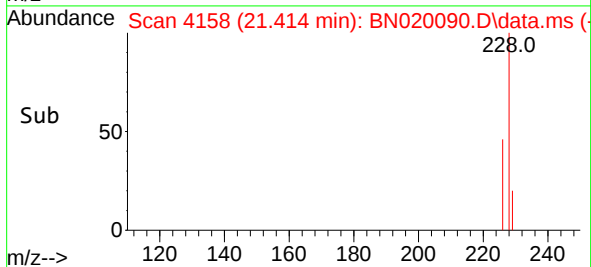
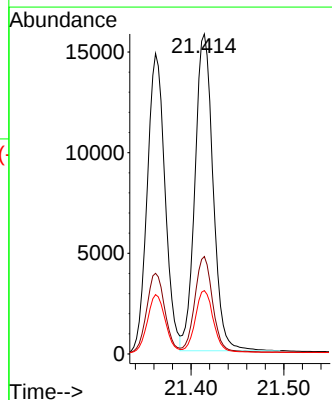
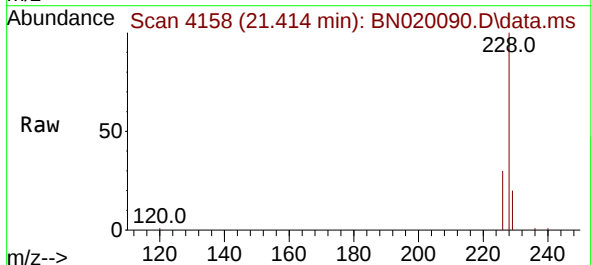
Instrument :
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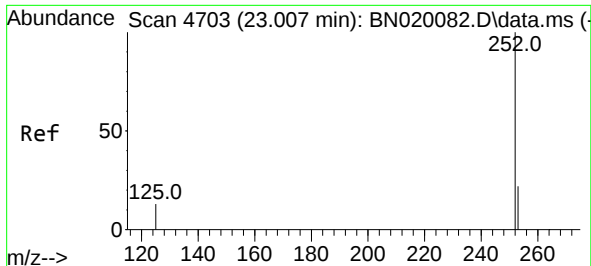
Tgt Ion:228 Resp: 19813
Ion Ratio Lower Upper
228 100
229 19.7 16.1 24.1
226 26.8 22.1 33.1



#22
Chrysene
Concen: 0.352 ng/ul
RT: 21.414 min Scan# 4158
Delta R.T. -0.003 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

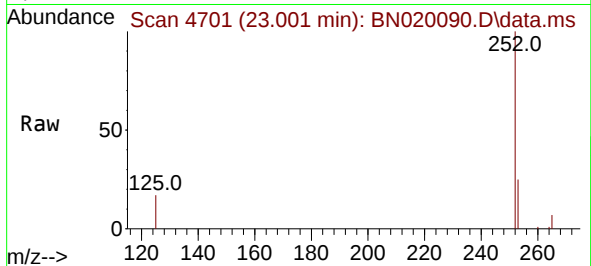
Tgt Ion:228 Resp: 21381
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.8 16.0 24.0



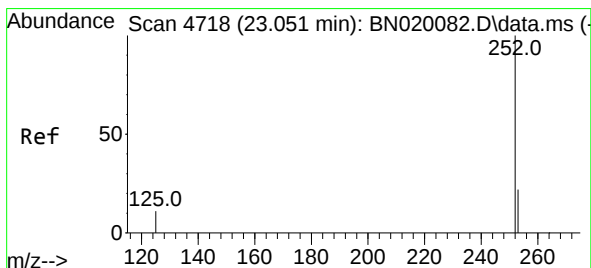
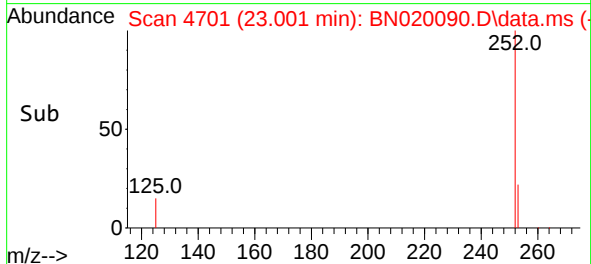
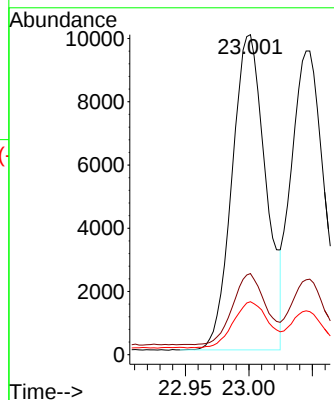


#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.001 min Scan# 4701
Delta R.T. -0.006 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Instrument :
BNA_N
ClientSampleId :
SLCS380

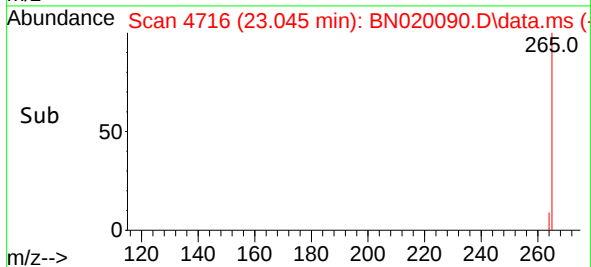
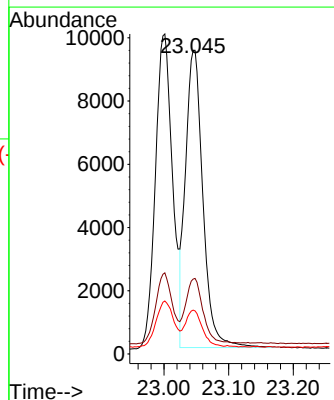
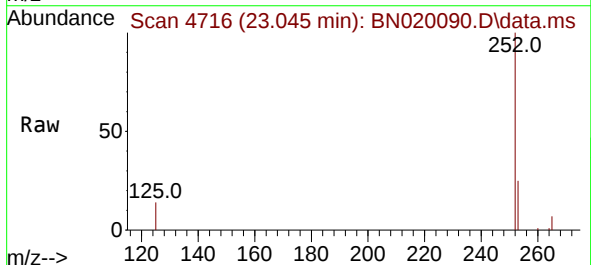


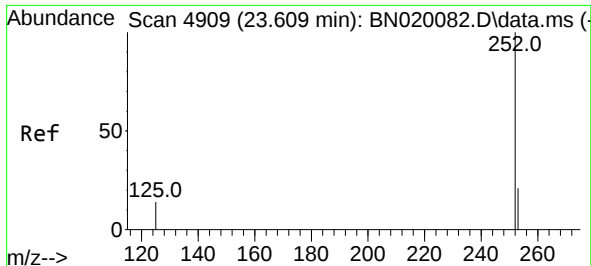
Tgt Ion:252 Resp: 18419
Ion Ratio Lower Upper
252 100
253 25.3 0.0 52.0
125 16.6 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.365 ng/ul
RT: 23.045 min Scan# 4716
Delta R.T. -0.006 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:252 Resp: 17575
Ion Ratio Lower Upper
252 100
253 24.6 20.2 30.2
125 14.4 11.0 16.6

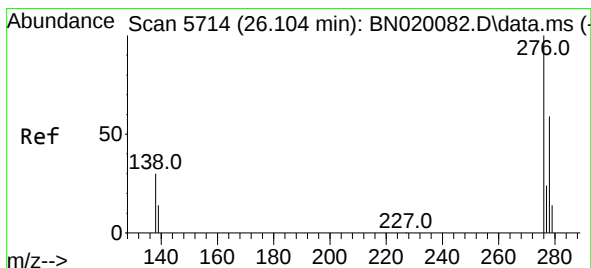
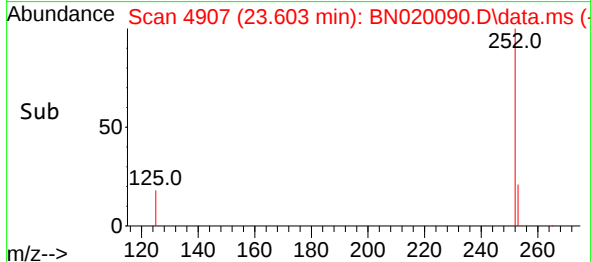
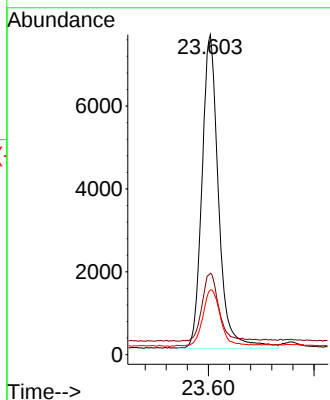
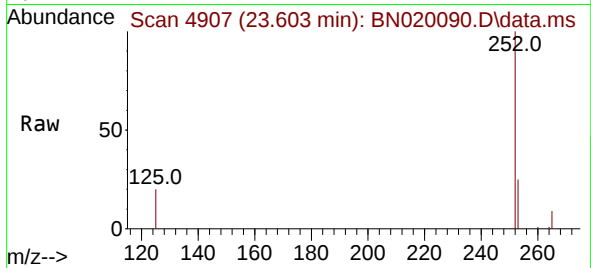




#26
Benzo(a)pyrene
Concen: 0.368 ng/ul
RT: 23.603 min Scan# 4909
Delta R.T. -0.006 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

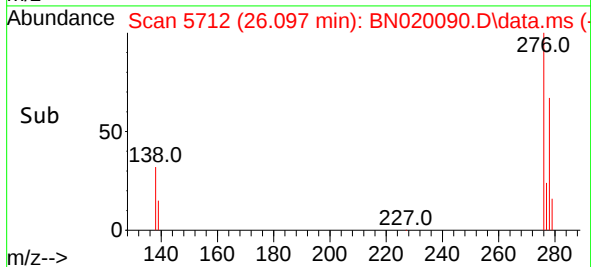
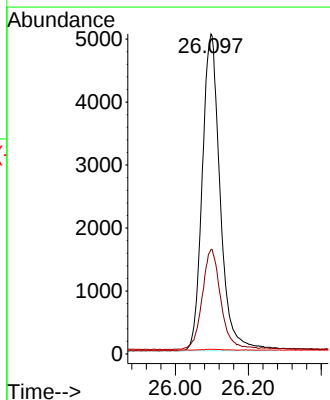
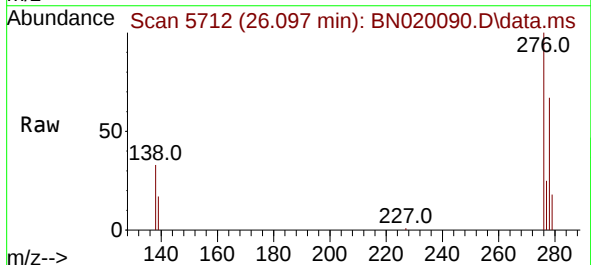
Instrument :
BNA_N
ClientSampleId :
SLCS380

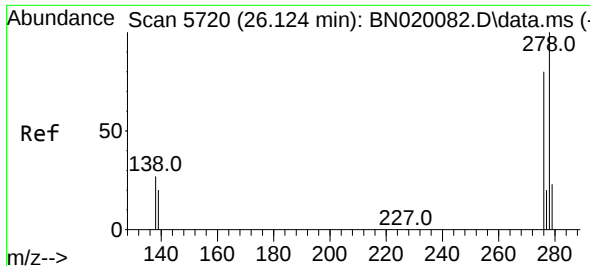
Tgt Ion:252 Resp: 16513
Ion Ratio Lower Upper
252 100
253 25.4 23.4 35.0
125 20.2 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.097 min Scan# 5712
Delta R.T. -0.007 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:276 Resp: 17215
Ion Ratio Lower Upper
276 100
138 32.6 23.6 35.4
227 0.2 0.0 0.0#

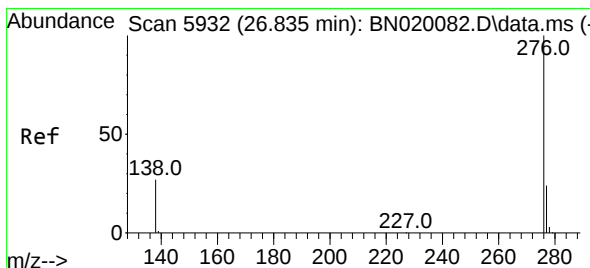
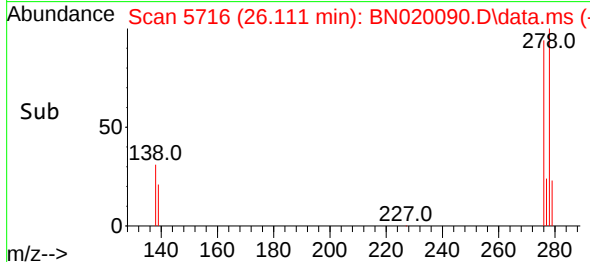
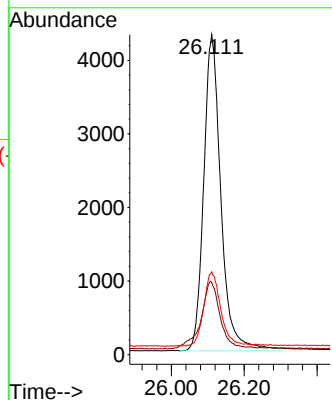
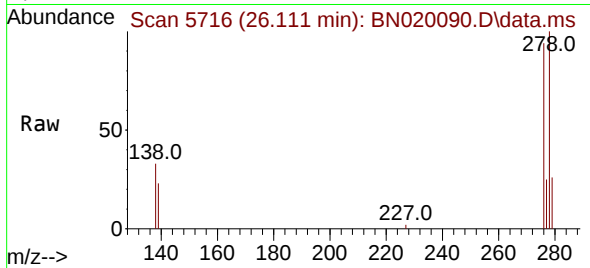




#28
Dibenzo(a,h)anthracene
Concen: 0.337 ng/ul
RT: 26.111 min Scan# 51
Delta R.T. -0.013 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Instrument :
BNA_N
ClientSampleId :
SLCS380

Tgt Ion:278 Resp: 14069
Ion Ratio Lower Upper
278 100
139 22.6 18.6 28.0
279 25.9 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.338 ng/ul
RT: 26.825 min Scan# 5929
Delta R.T. -0.010 min
Lab File: BN020090.D
Acq: 09 Jun 2022 20:55

Tgt Ion:276 Resp: 14657
Ion Ratio Lower Upper
276 100
138 28.6 20.9 31.3
277 25.2 20.4 30.6

