

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061022\
 Data File : BN020091.D
 Acq On : 09 Jun 2022 21:32
 Operator : CG/JU
 Sample : PB145382BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS382

Quant Time: Jun 10 02:43:27 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)

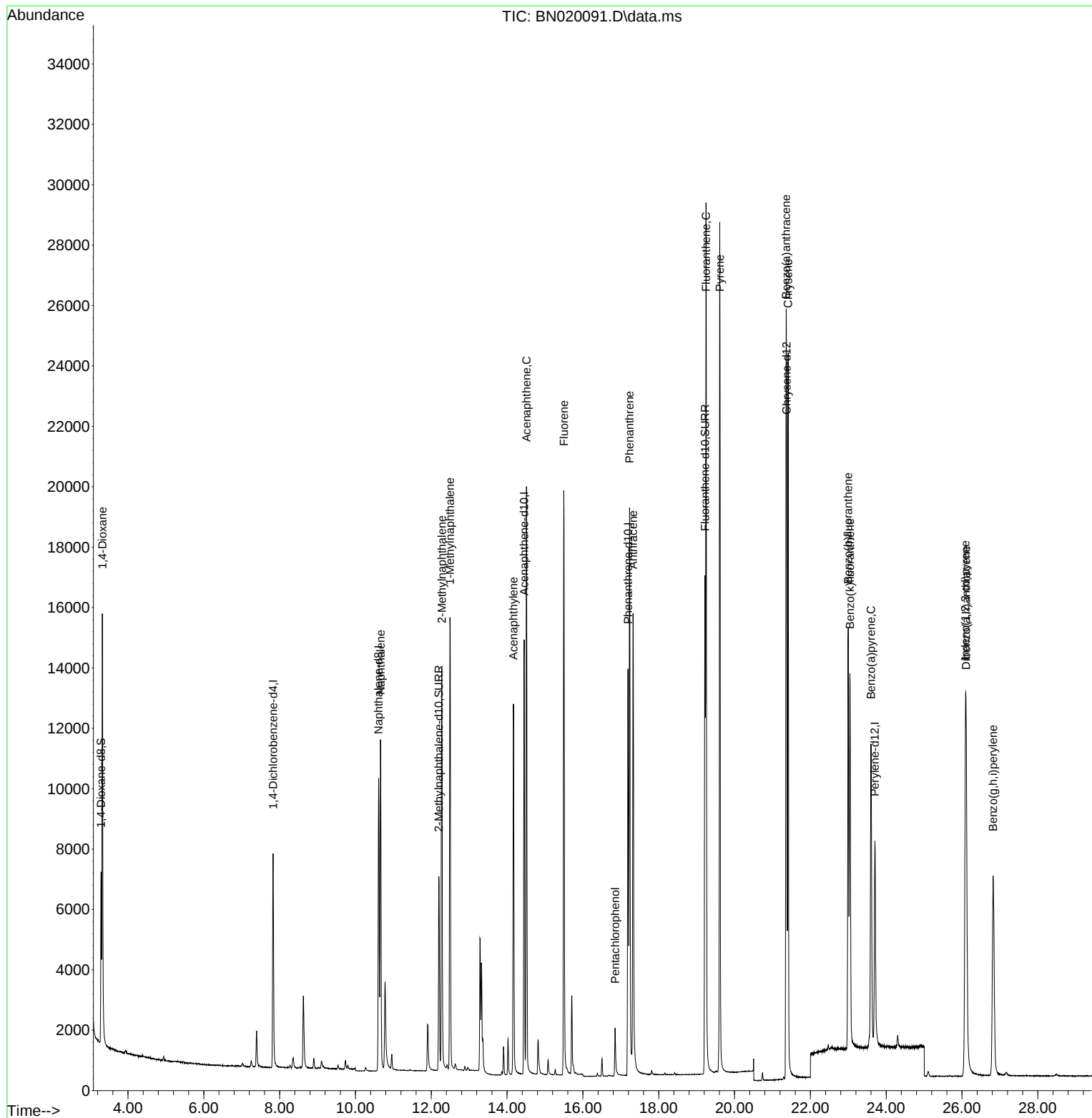
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4186	0.400	ng/ul	0.00
4) Naphthalene-d8	10.612	136	13737	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.451	164	8427	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	17596	0.400	ng/ul	0.00
17) Chrysene-d12	21.375	240	14001	0.400	ng/ul	0.00
23) Perylene-d12	23.702	264	9998	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.290	96	3624	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.201	152	9222	0.421	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	19893	0.470	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	9167	1.828	ng/ul#	70
5) Naphthalene	10.661	128	15861	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.278	142	10517	0.379	ng/ul#	100
8) 1-Methylnaphthalene	12.498	142	10969	0.423	ng/ul#	100
10) Acenaphthylene	14.169	152	15193	0.363	ng/ul	99
11) Acenaphthene	14.511	153	11731	0.365	ng/ul	99
12) Fluorene	15.496	166	13584	0.368	ng/ul	100
14) Pentachlorophenol	16.850	266	1379	0.373	ng/ul	91
15) Phenanthrene	17.230	178	22747	0.364	ng/ul	99
16) Anthracene	17.323	178	19940	0.369	ng/ul	99
19) Fluoranthene	19.248	202	25223	0.422	ng/ul	99
20) Pyrene	19.611	202	25392	0.422	ng/ul	100
21) Benzo(a)anthracene	21.361	228	19691	0.384	ng/ul	99
22) Chrysene	21.413	228	21888	0.378	ng/ul	99
24) Benzo(b)fluoranthene	22.997	252	18435	0.402	ng/ul	94
25) Benzo(k)fluoranthene	23.044	252	18133	0.402	ng/ul	98
26) Benzo(a)pyrene	23.599	252	16393	0.390	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.092	276	17598	0.368	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.109	278	14363	0.368	ng/ul#	81
29) Benzo(g,h,i)perylene	26.820	276	15017	0.371	ng/ul	96

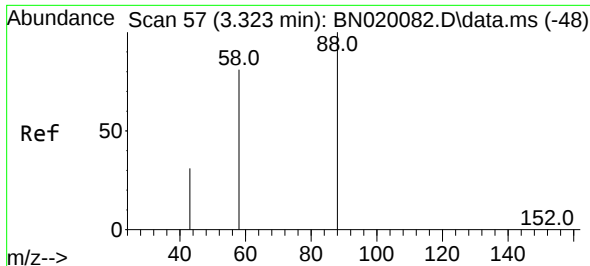
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 10 02:43:27 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

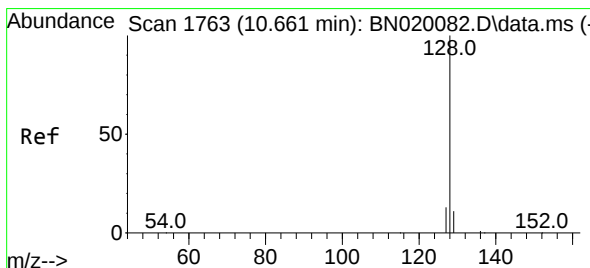
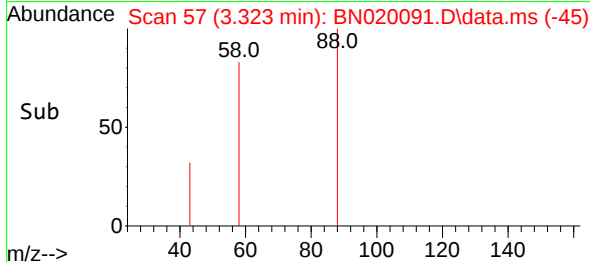
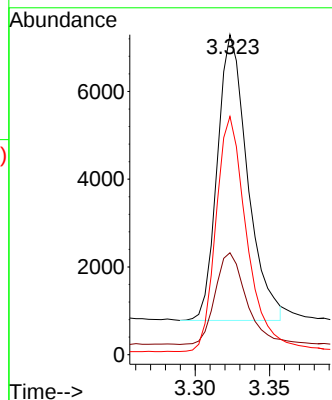
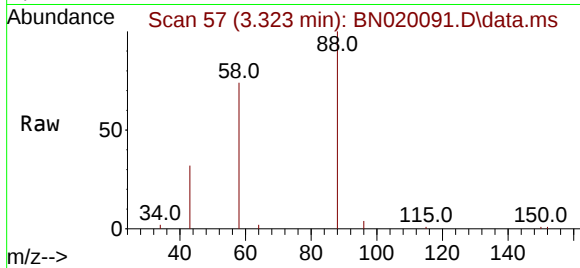




#2
 1,4-Dioxane
 Concen: 1.828 ng/ul
 RT: 3.323 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: BN020091.D
 Acq: 09 Jun 2022 21:32

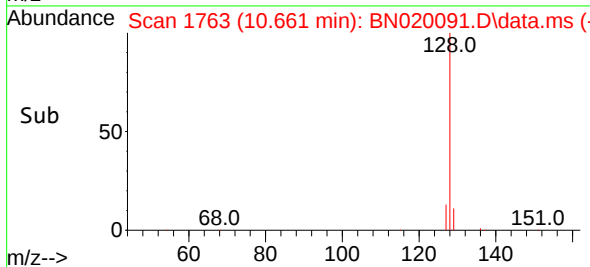
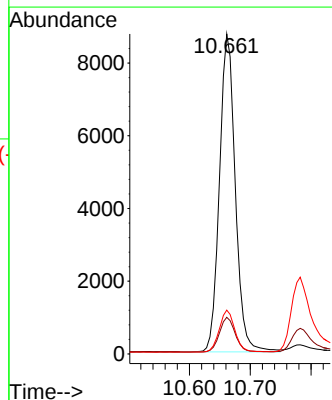
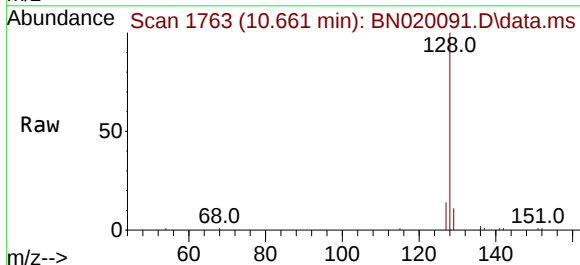
Instrument :
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 ClientSampleId :
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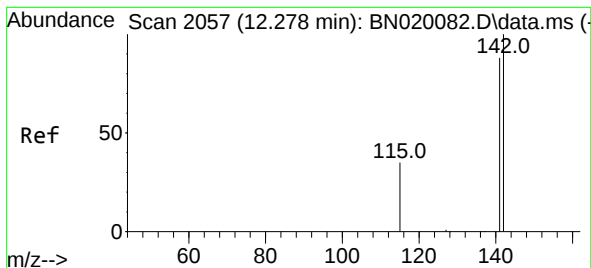
Tgt Ion: 88 Resp: 9167
 Ion Ratio Lower Upper
 88 100
 43 31.8 39.0 58.4#
 58 74.5 39.8 59.8#



#5
 Naphthalene
 Concen: 0.367 ng/ul
 RT: 10.661 min Scan# 1763
 Delta R.T. 0.000 min
 Lab File: BN020091.D
 Acq: 09 Jun 2022 21:32

Tgt Ion: 128 Resp: 15861
 Ion Ratio Lower Upper
 128 100
 129 11.4 9.5 14.3
 127 13.7 11.0 16.4

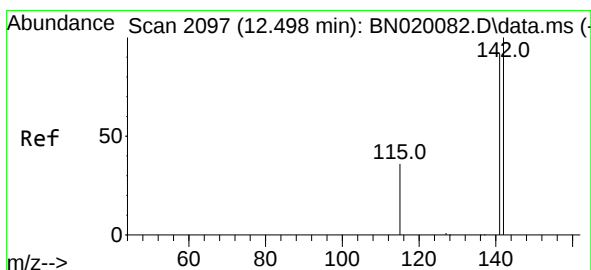
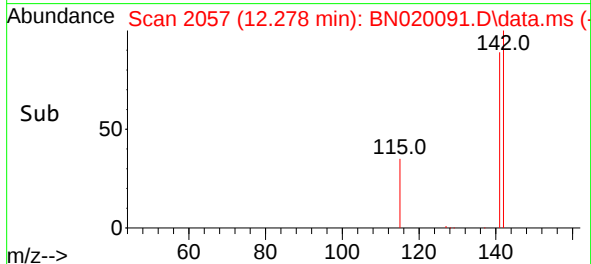
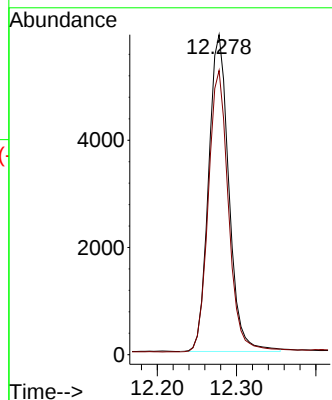
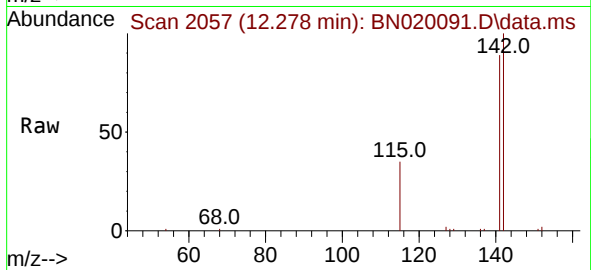




#7
2-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.278 min Scan# 2057
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

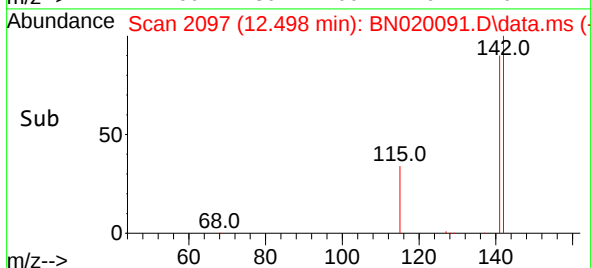
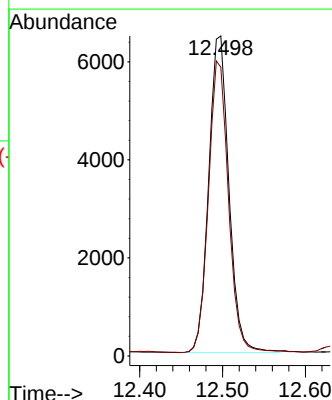
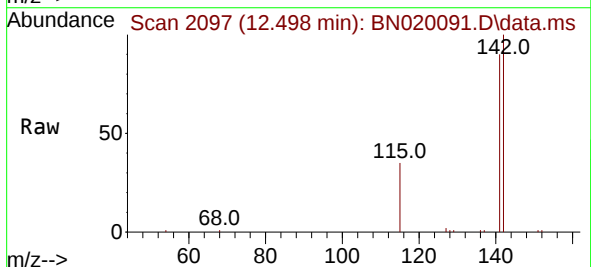
Instrument :
BNA_N
ClientSampleId :
SLCS382

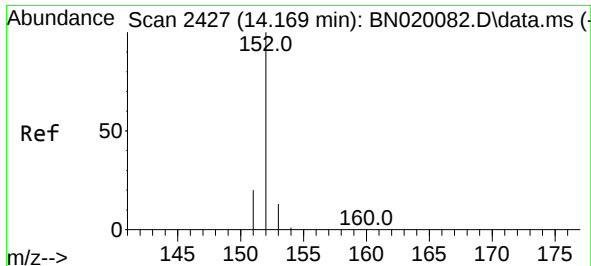
Tgt Ion:142 Resp: 10517
Ion Ratio Lower Upper
142 100
141 88.2 0.0 0.0#



#8
1-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.498 min Scan# 2097
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:142 Resp: 10969
Ion Ratio Lower Upper
142 100
141 91.3 0.0 0.0#

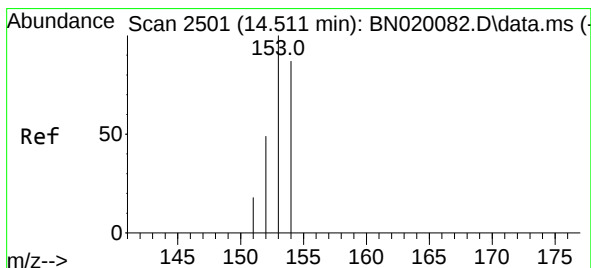
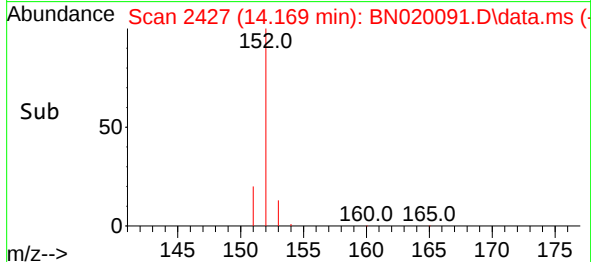
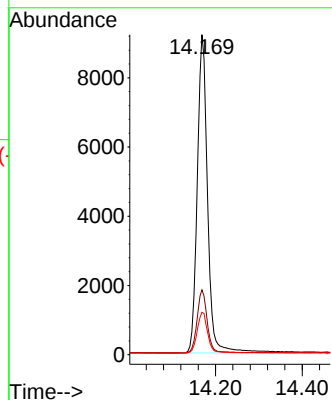
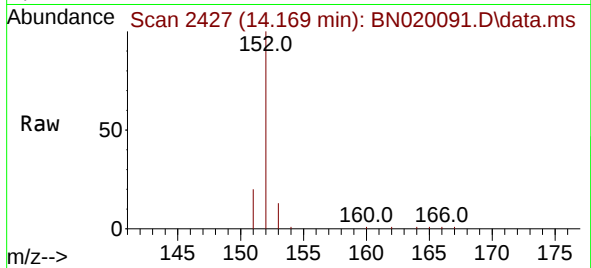




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.169 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

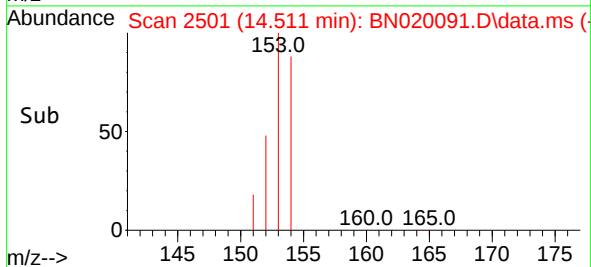
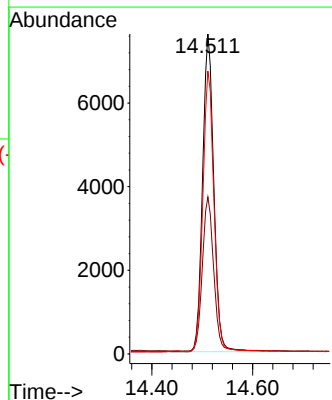
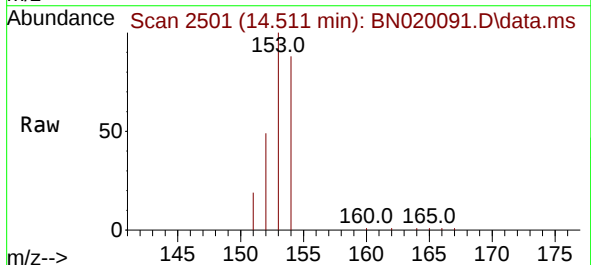
Instrument :
BNA_N
ClientSampleId :
SLCS382

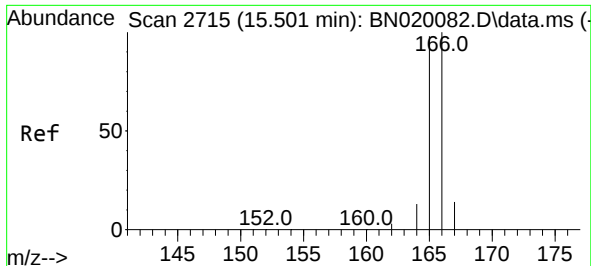
Tgt Ion:152 Resp: 15193
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.3 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.511 min Scan# 2501
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:153 Resp: 11731
Ion Ratio Lower Upper
153 100
152 49.1 38.6 57.8
154 88.4 71.2 106.8

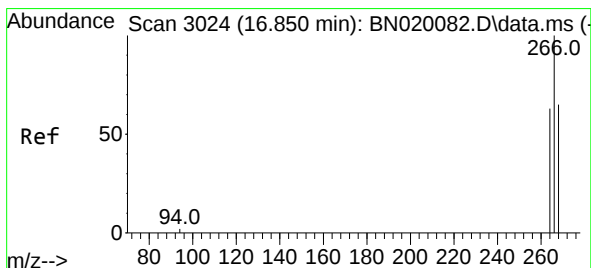
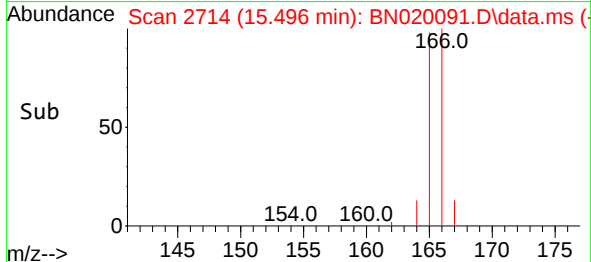
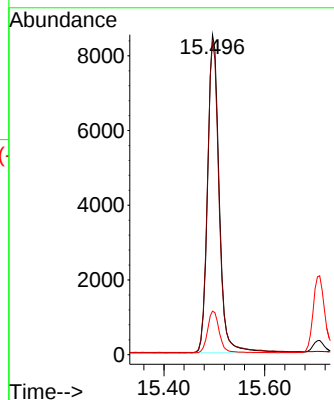
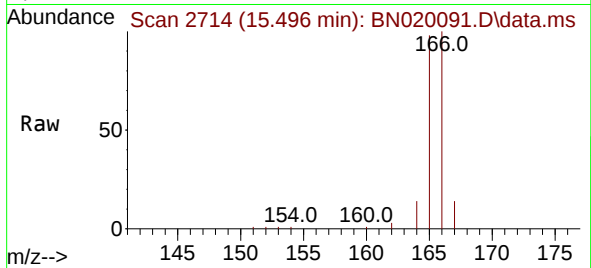




#12
Fluorene
Concen: 0.368 ng/ul
RT: 15.496 min Scan# 2714
Delta R.T. -0.005 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

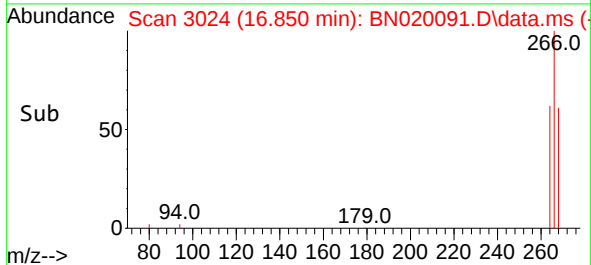
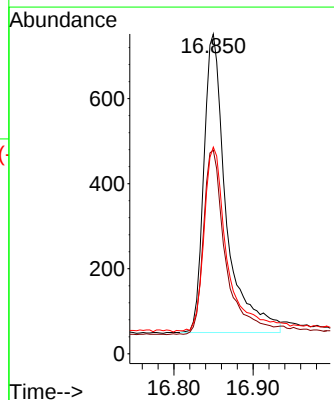
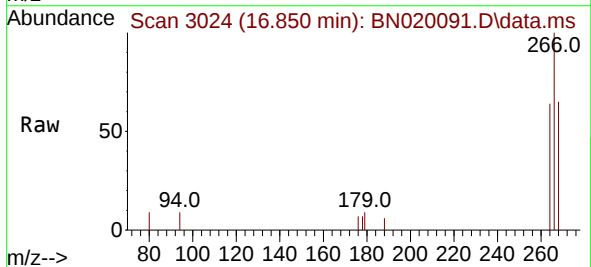
Instrument :
BNA_N
ClientSampleId :
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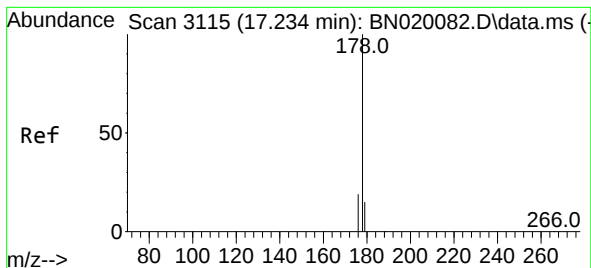
Tgt Ion:166 Resp: 13584
Ion Ratio Lower Upper
166 100
165 98.0 78.2 117.2
167 13.6 11.3 16.9



#14
Pentachlorophenol
Concen: 0.373 ng/ul
RT: 16.850 min Scan# 3024
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:266 Resp: 1379
Ion Ratio Lower Upper
266 100
264 61.6 44.9 67.3
268 64.1 44.6 67.0





#15

Phenanthrene

Concen: 0.364 ng/ul

RT: 17.230 min Scan# 3115

Delta R.T. -0.004 min

Lab File: BN020091.D

Acq: 09 Jun 2022 21:32

Instrument :

BNA_N

ClientSampleId :

SLCS382

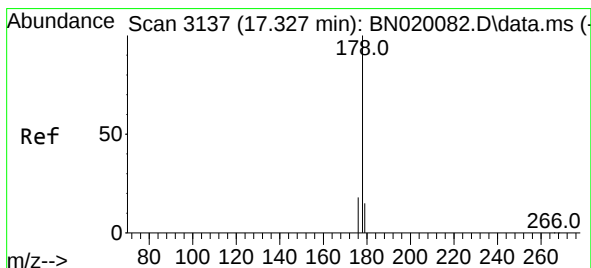
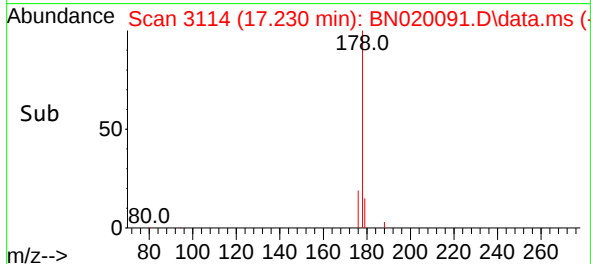
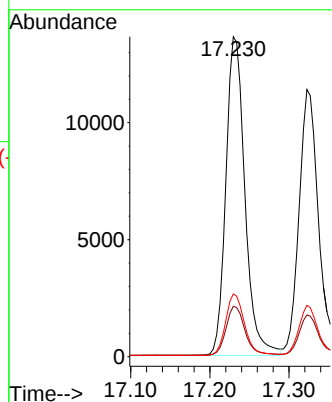
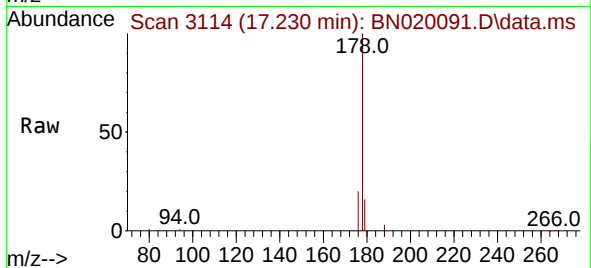
Tgt Ion:178 Resp: 22747

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

176 19.6 15.5 23.3



#16

Anthracene

Concen: 0.369 ng/ul

RT: 17.323 min Scan# 3136

Delta R.T. -0.004 min

Lab File: BN020091.D

Acq: 09 Jun 2022 21:32

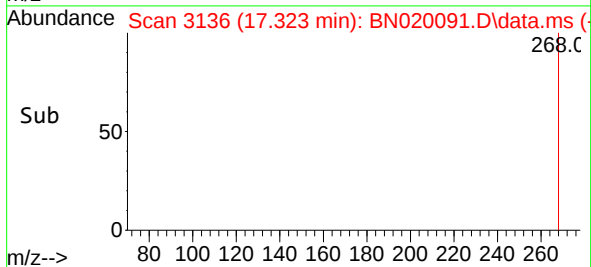
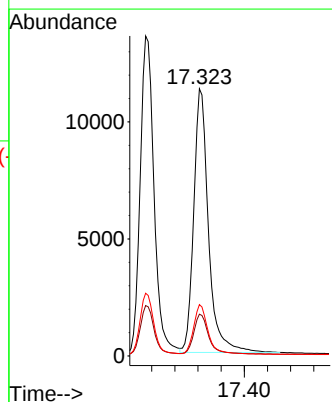
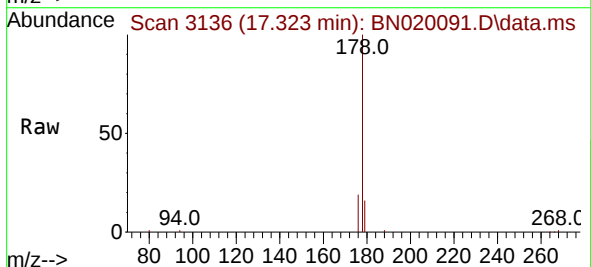
Tgt Ion:178 Resp: 19940

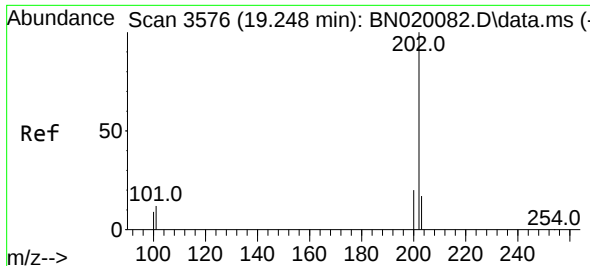
Ion Ratio Lower Upper

178 100

179 15.7 13.1 19.7

176 19.2 15.3 22.9

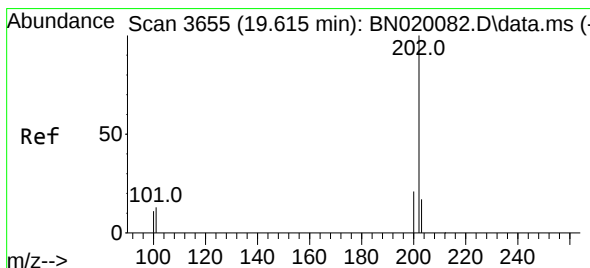
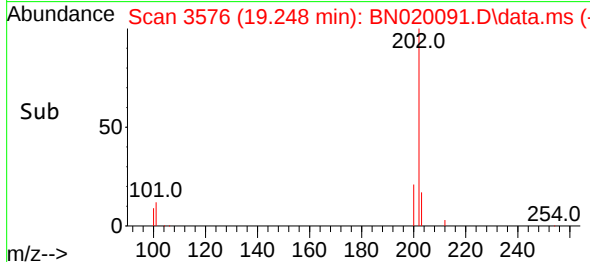
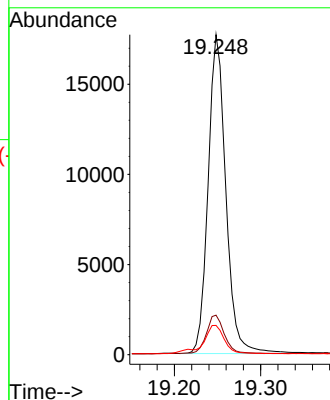
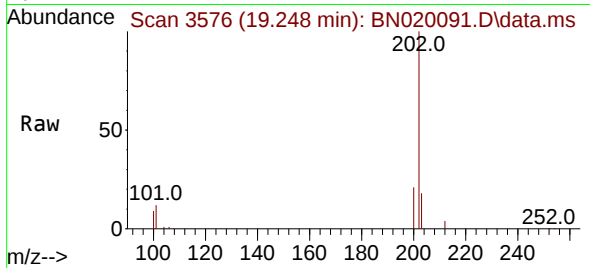




#19
Fluoranthene
Concen: 0.422 ng/ul
RT: 19.248 min Scan# 3576
Delta R.T. 0.000 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

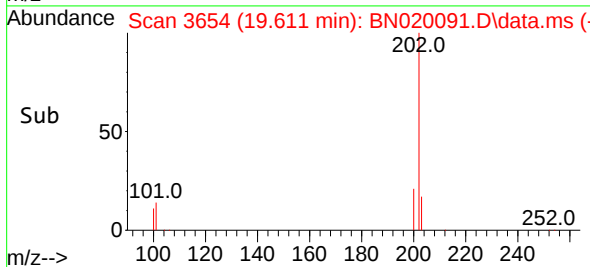
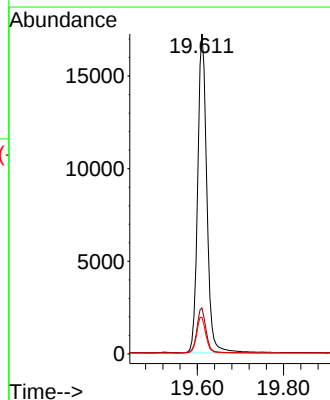
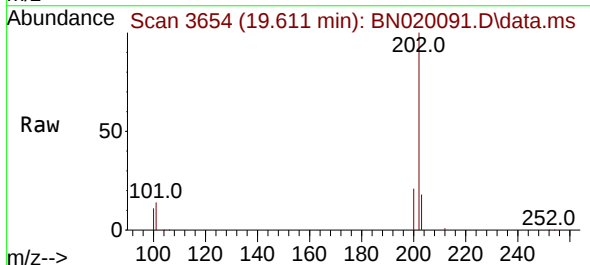
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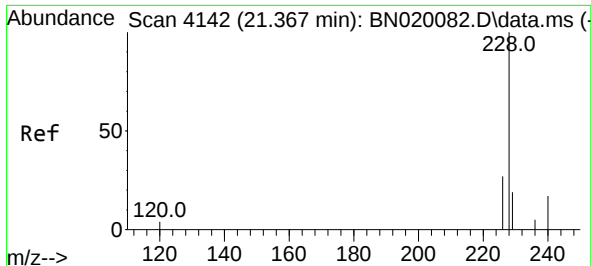
Tgt Ion:202 Resp: 25223
Ion Ratio Lower Upper
202 100
101 12.4 9.7 14.5
100 9.2 7.4 11.2



#20
Pyrene
Concen: 0.422 ng/ul
RT: 19.611 min Scan# 3654
Delta R.T. -0.005 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:202 Resp: 25392
Ion Ratio Lower Upper
202 100
101 14.3 11.4 17.0
100 11.4 9.0 13.4

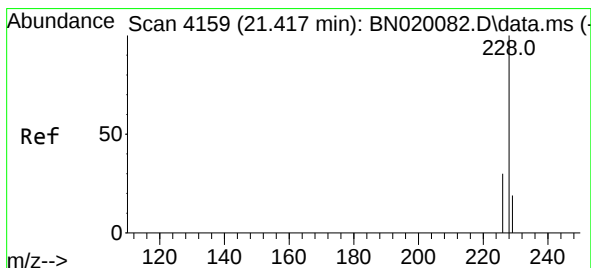
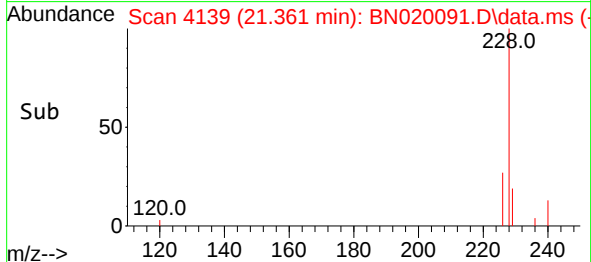
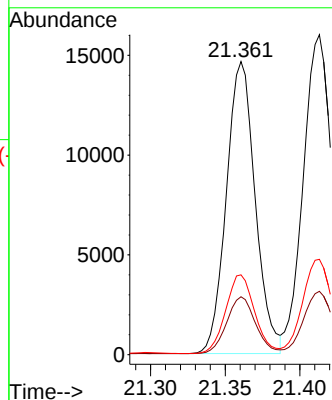
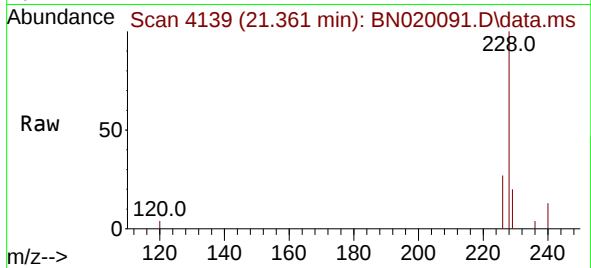




#21
Benzo(a)anthracene
Concen: 0.384 ng/ul
RT: 21.361 min Scan# 4142
Delta R.T. -0.007 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

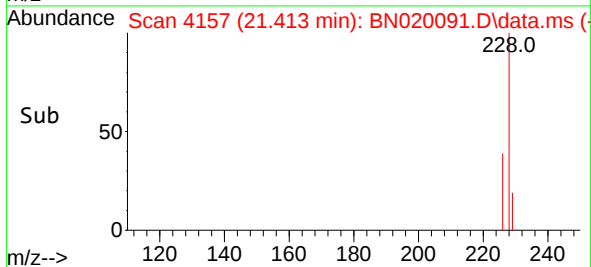
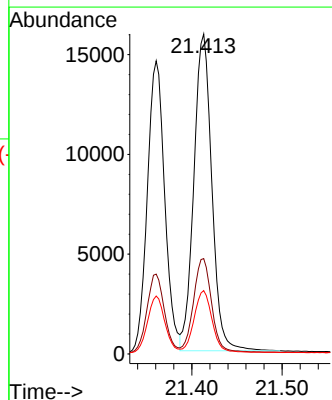
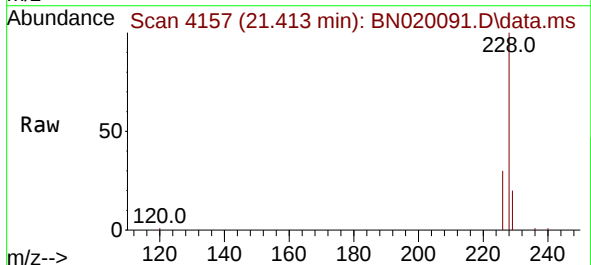
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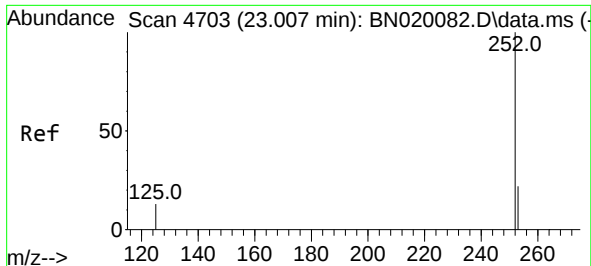
Tgt Ion:228 Resp: 19691
Ion Ratio Lower Upper
228 100
229 19.8 16.1 24.1
226 27.2 22.1 33.1



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.413 min Scan# 4157
Delta R.T. -0.004 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:228 Resp: 21888
Ion Ratio Lower Upper
228 100
226 29.8 24.2 36.2
229 19.8 16.0 24.0

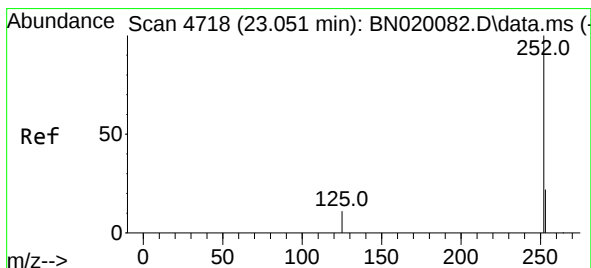
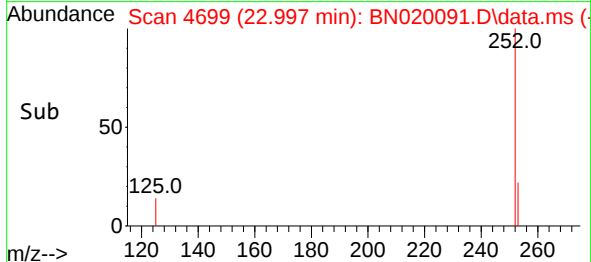
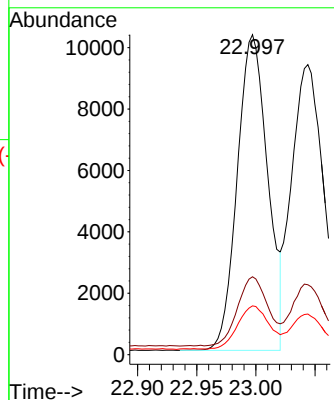
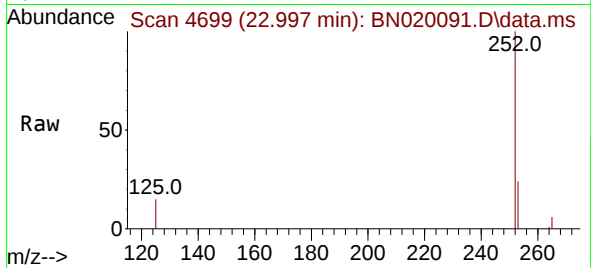




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 22.997 min Scan# 4699
Delta R.T. -0.010 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

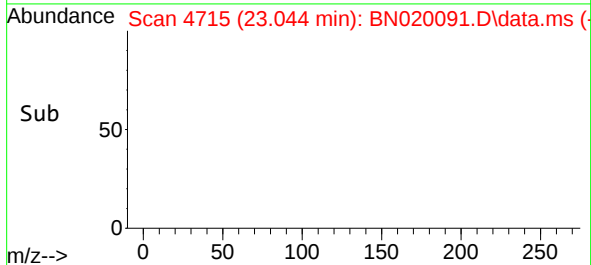
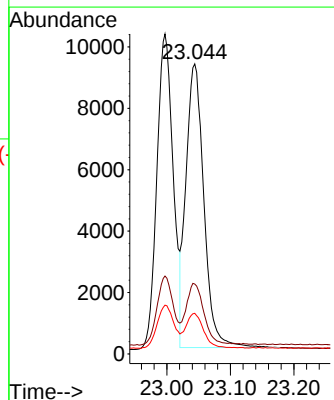
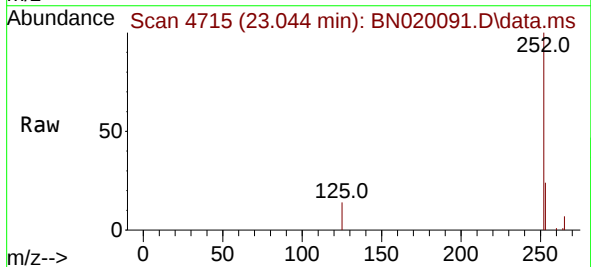
Instrument :
BNA_N
ClientSampleId :
SLCS382

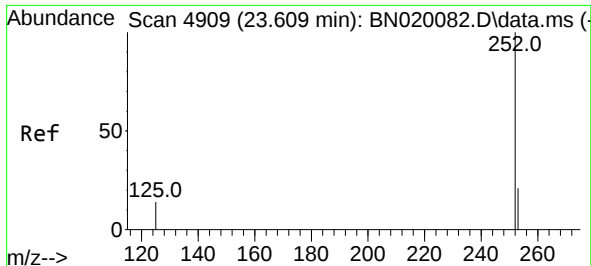
Tgt Ion:252 Resp: 18435
Ion Ratio Lower Upper
252 100
253 24.4 0.0 52.0
125 15.2 0.0 40.2



#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.044 min Scan# 4715
Delta R.T. -0.007 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:252 Resp: 18133
Ion Ratio Lower Upper
252 100
253 24.1 20.2 30.2
125 14.0 11.0 16.6

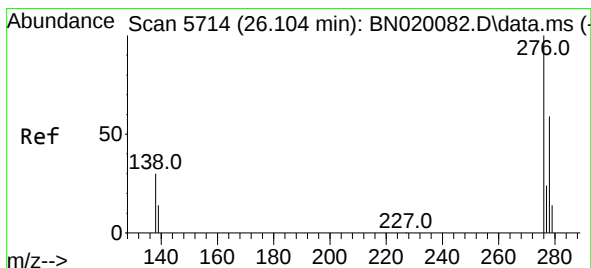
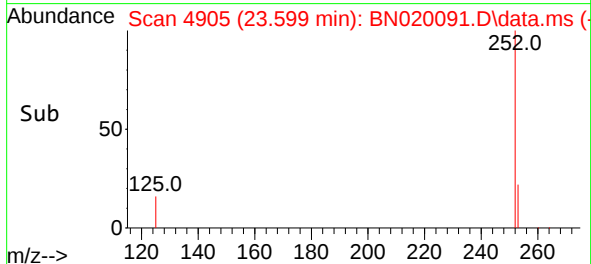
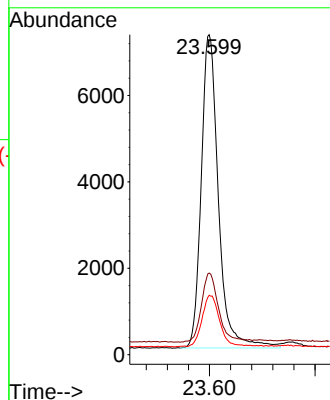
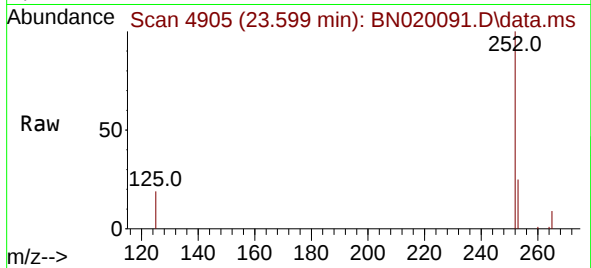




#26
Benzo(a)pyrene
Concen: 0.390 ng/ul
RT: 23.599 min Scan# 4909
Delta R.T. -0.010 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

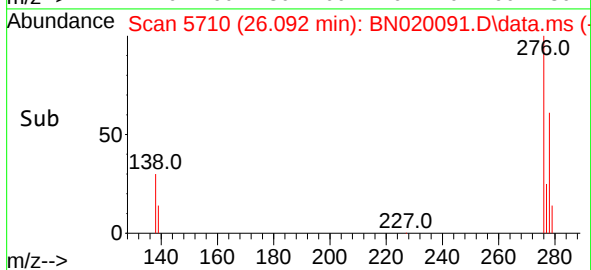
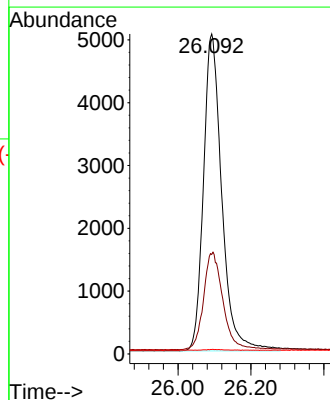
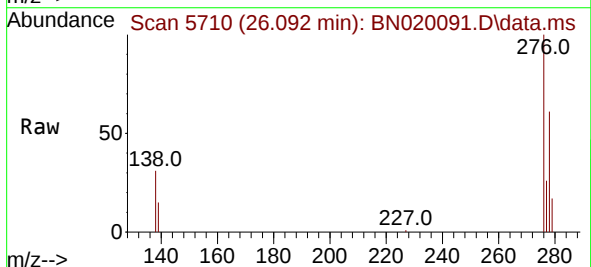
Instrument :
BNA_N
ClientSampleId :
SLCS382

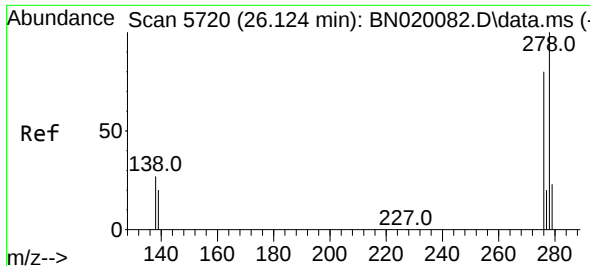
Tgt Ion:252 Resp: 16393
Ion Ratio Lower Upper
252 100
253 25.5 23.4 35.0
125 18.6 28.3 42.5#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.368 ng/ul
RT: 26.092 min Scan# 5710
Delta R.T. -0.012 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:276 Resp: 17598
Ion Ratio Lower Upper
276 100
138 32.6 23.6 35.4
227 0.2 0.0 0.0#

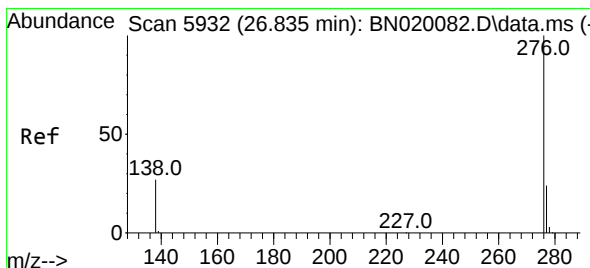
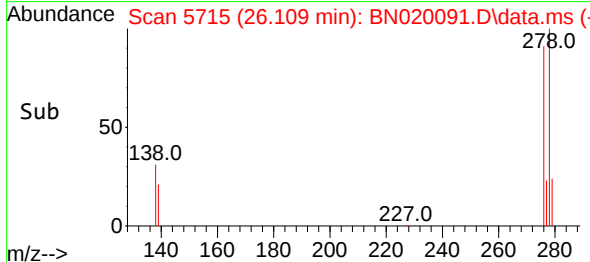
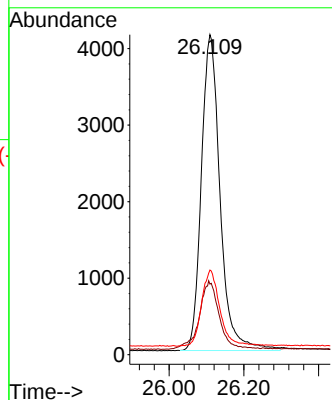
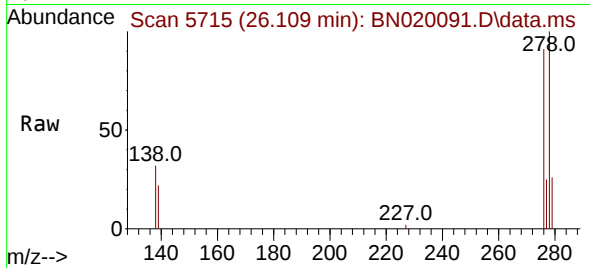




#28
Dibenzo(a,h)anthracene
Concen: 0.368 ng/ul
RT: 26.109 min Scan# 51
Delta R.T. -0.015 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Instrument :
BNA_N
ClientSampleId :
SLCS382

Tgt Ion:278 Resp: 14363
Ion Ratio Lower Upper
278 100
139 22.0 18.6 28.0
279 26.4 35.1 52.7#



#29
Benzo(g,h,i)perylene
Concen: 0.371 ng/ul
RT: 26.820 min Scan# 5927
Delta R.T. -0.015 min
Lab File: BN020091.D
Acq: 09 Jun 2022 21:32

Tgt Ion:276 Resp: 15017
Ion Ratio Lower Upper
276 100
138 29.2 20.9 31.3
277 24.8 20.4 30.6

