

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062922\
 Data File : BN020584.D
 Acq On : 30 Jun 2022 00:37
 Operator : CG/JU
 Sample : PB145665BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

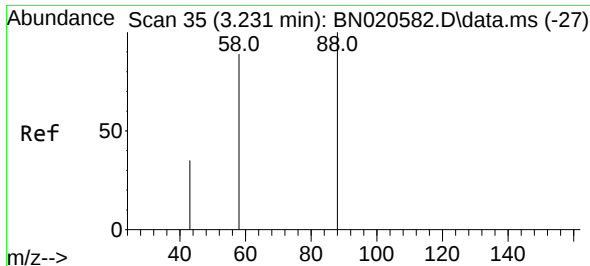
Instrument :
 BNA_N
 ClientSampleId :
 SLCS665

Quant Time: Jun 30 01:46:58 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:17:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	3269	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.524	136	10586	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	6122	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.111	188	12183	0.400	ng/ul	0.00
17) Chrysene-d12	21.303	240	8454	0.400	ng/ul	0.00
23) Perylene-d12	23.583	264	5934	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	2780	0.734	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.118	152	6075	0.350	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	12524	0.449	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.226	88	7242	1.873	ng/ul#	79
5) Naphthalene	10.573	128	11240	0.344	ng/ul	99
7) 2-Methylnaphthalene	12.190	142	7035	0.322	ng/ul	99
8) 1-Methylnaphthalene	12.410	142	7510	0.362	ng/ul	100
10) Acenaphthylene	14.085	152	9967	0.344	ng/ul	100
11) Acenaphthene	14.432	153	8065	0.347	ng/ul	99
12) Fluorene	15.418	166	9116	0.331	ng/ul	98
14) Pentachlorophenol	16.782	266	881	0.359	ng/ul	99
15) Phenanthrene	17.154	178	14943	0.353	ng/ul	100
16) Anthracene	17.246	178	12354	0.338	ng/ul	99
19) Fluoranthene	19.174	202	16045	0.416	ng/ul	98
20) Pyrene	19.536	202	16278	0.406	ng/ul	99
21) Benzo(a)anthracene	21.286	228	10318	0.340	ng/ul	100
22) Chrysene	21.338	228	12759	0.378	ng/ul	100
24) Benzo(b)fluoranthene	22.893	252	10181	0.371	ng/ul	99
25) Benzo(k)fluoranthene	22.937	252	10864	0.392	ng/ul	98
26) Benzo(a)pyrene	23.484	252	9382	0.376	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	25.916	276	9934	0.400	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.930	278	7944	0.396	ng/ul	98
29) Benzo(g,h,i)perylene	26.627	276	8994	0.422	ng/ul	99

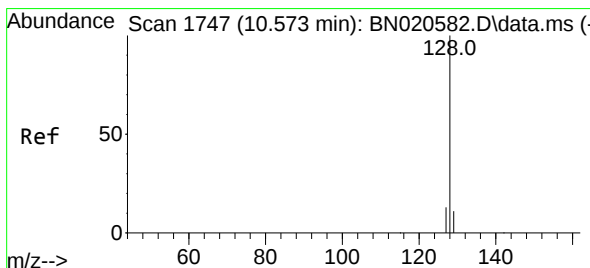
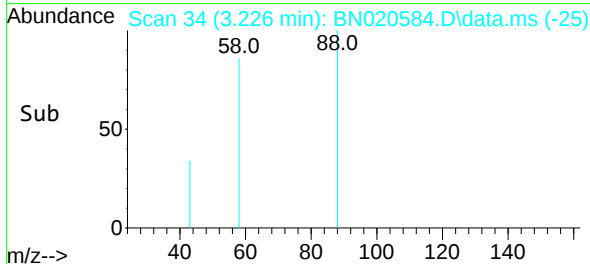
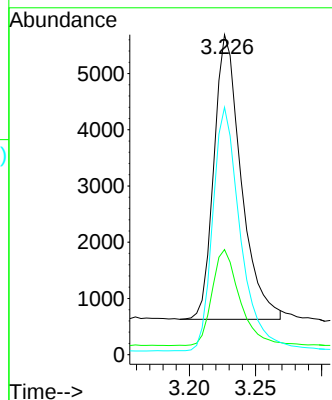
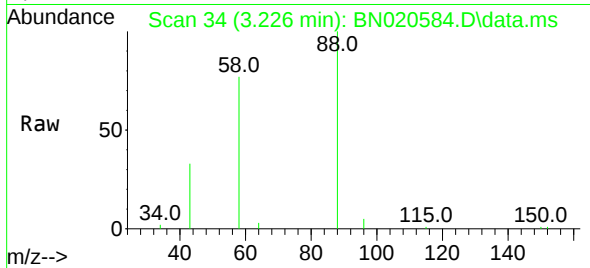
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 1.873 ng/ul
 RT: 3.226 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

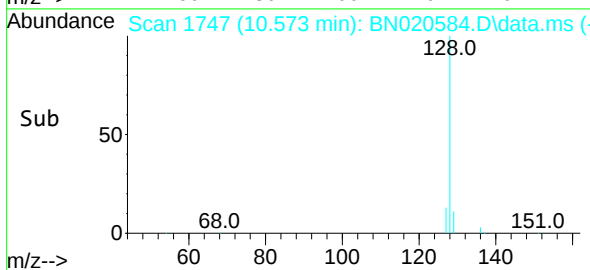
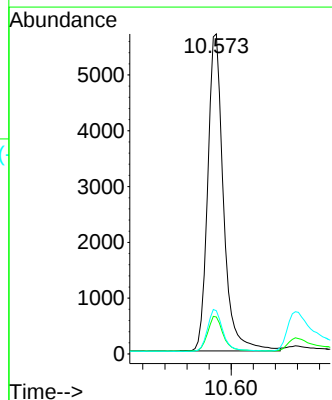
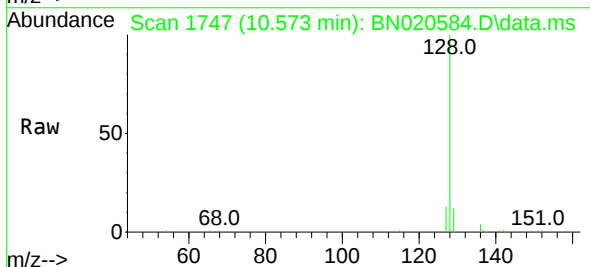
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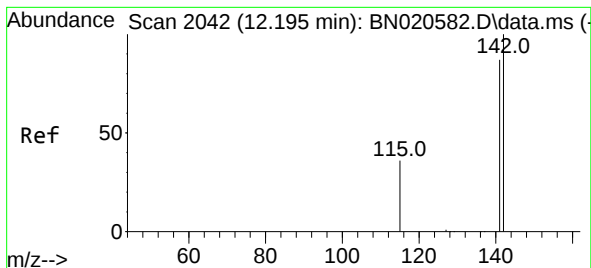
Tgt Ion: 88 Resp: 7242
 Ion Ratio Lower Upper
 88 100
 43 32.9 32.5 48.7
 58 77.3 46.2 69.2#



#5
 Naphthalene
 Concen: 0.344 ng/ul
 RT: 10.573 min Scan# 1747
 Delta R.T. -0.010 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

Tgt Ion:128 Resp: 11240
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.5 14.3
 127 13.5 11.3 16.9

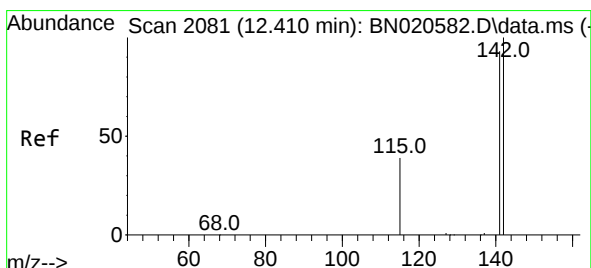
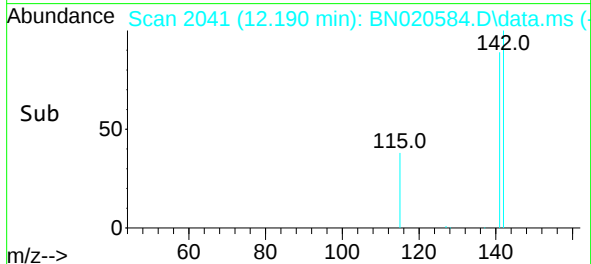
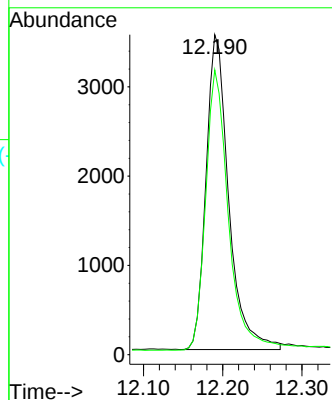
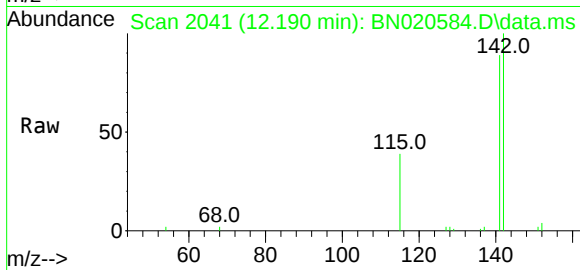




#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.190 min Scan# 2041
Delta R.T. -0.015 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

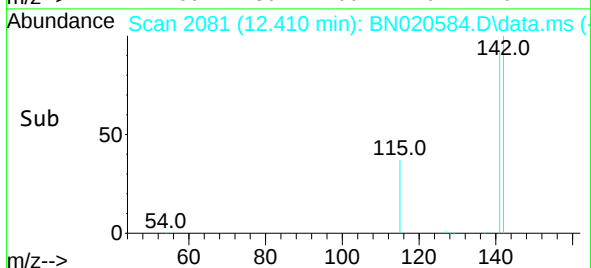
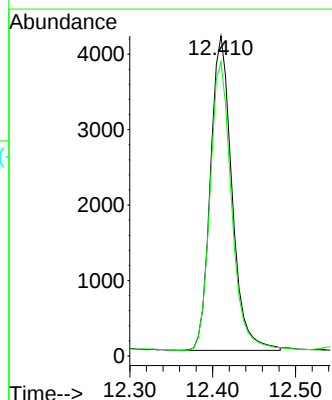
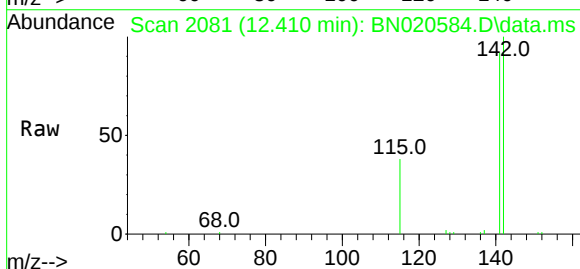
Instrument :
BNA_N
ClientSampleId :
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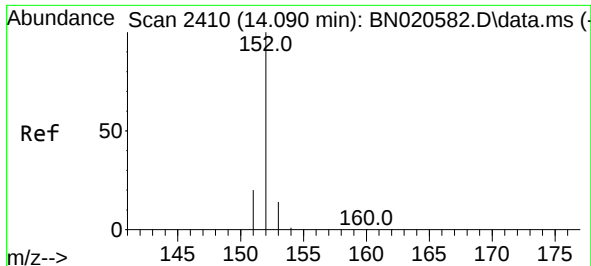
Tgt Ion:142 Resp: 7035
Ion Ratio Lower Upper
142 100
141 89.0 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.410 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:142 Resp: 7510
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

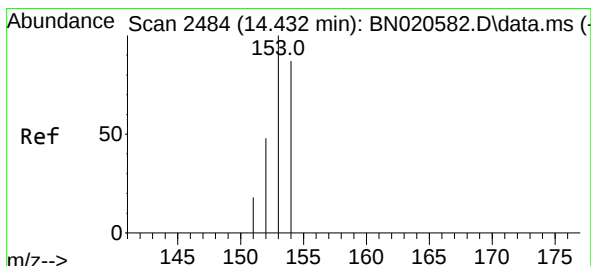
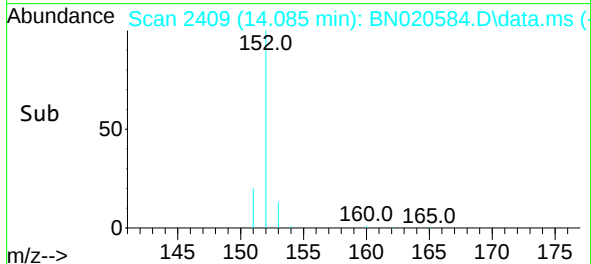
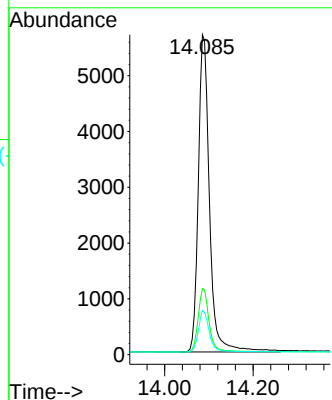
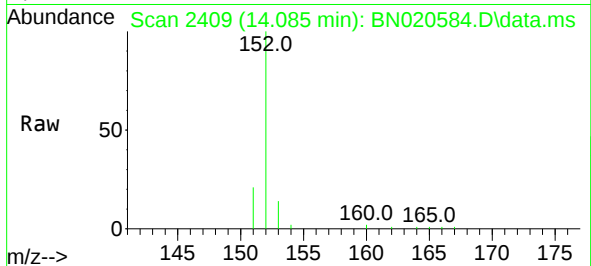




#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.085 min Scan# 2409
Delta R.T. -0.013 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

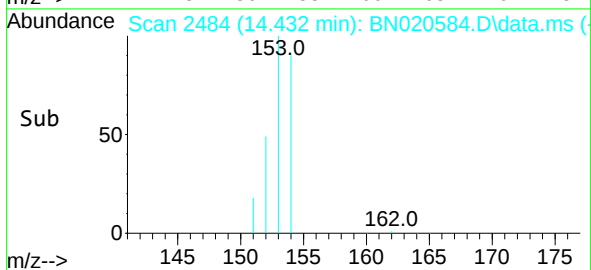
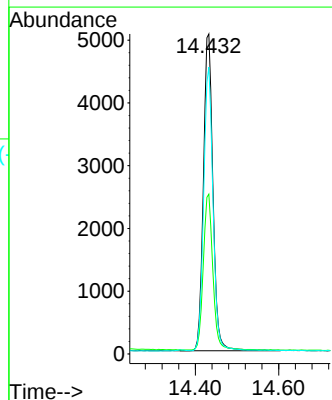
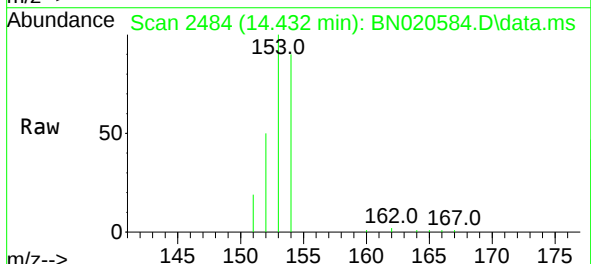
Instrument :
BNA_N
ClientSampleId :
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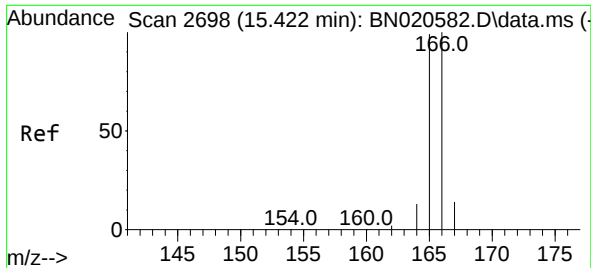
Tgt Ion:152 Resp: 9967
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.347 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. -0.008 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:153 Resp: 8065
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 89.6 70.0 105.0

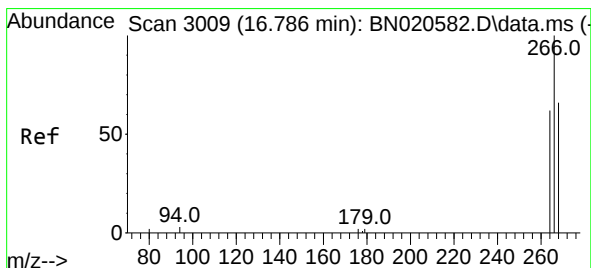
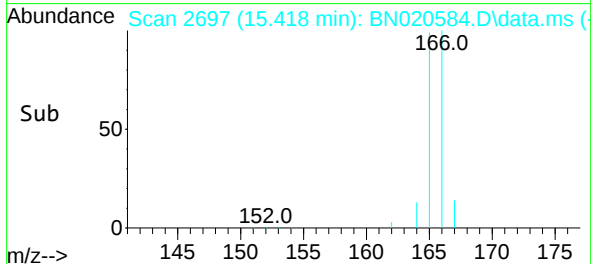
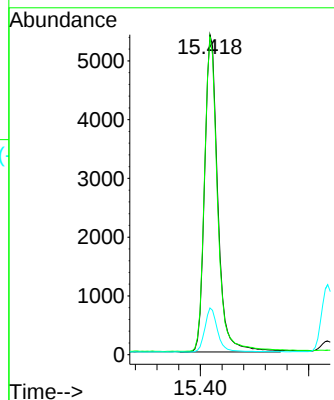
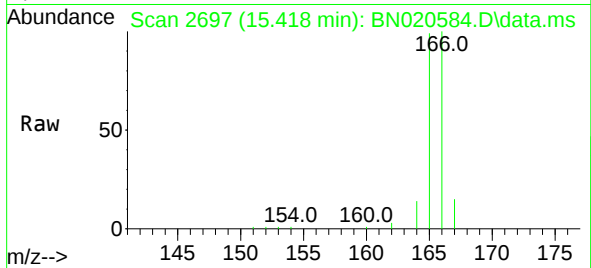




#12
 Fluorene
 Concen: 0.331 ng/ul
 RT: 15.418 min Scan# 2697
 Delta R.T. -0.013 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

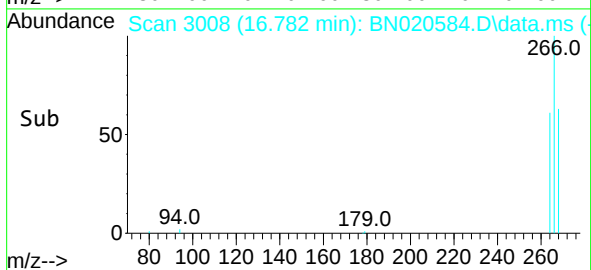
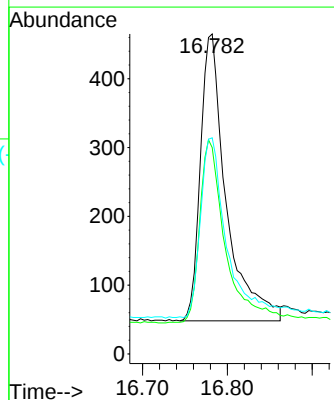
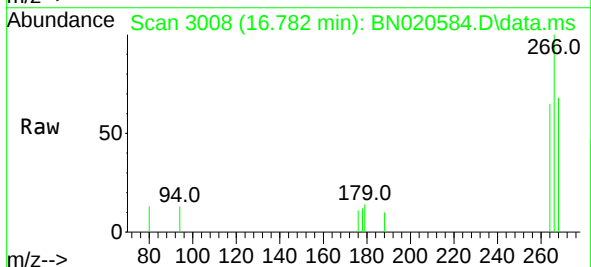
Instrument :
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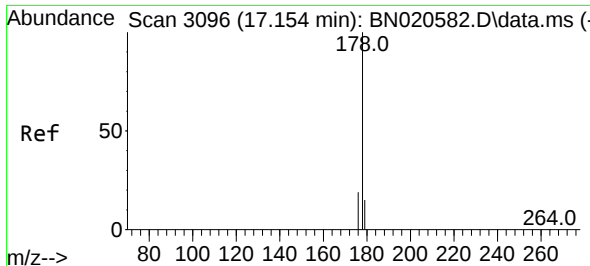
Tgt Ion:	166	Resp:	9116
Ion	Ratio	Lower	Upper
166	100		
165	99.3	78.2	117.2
167	14.6	11.3	16.9



#14
 Pentachlorophenol
 Concen: 0.359 ng/ul
 RT: 16.782 min Scan# 3008
 Delta R.T. -0.003 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

Tgt Ion:	266	Resp:	881
Ion	Ratio	Lower	Upper
266	100		
264	63.9	51.6	77.4
268	63.6	51.5	77.3

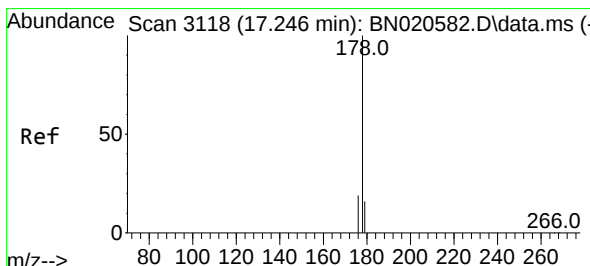
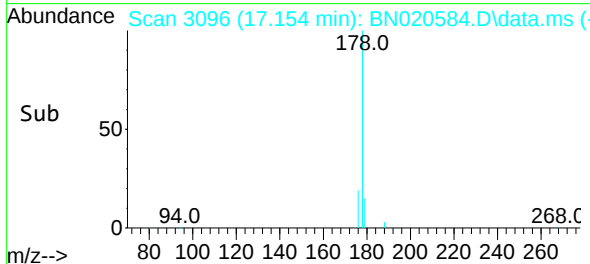
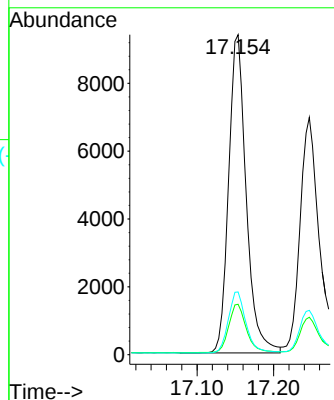
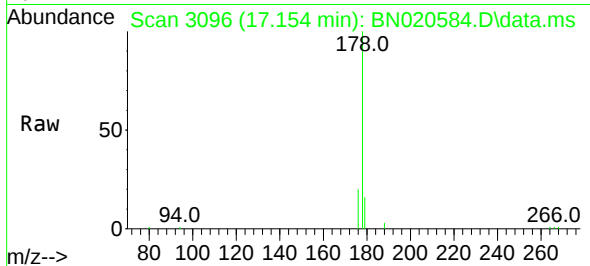




#15
Phenanthrene
Concen: 0.353 ng/ul
RT: 17.154 min Scan# 3096
Delta R.T. -0.007 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

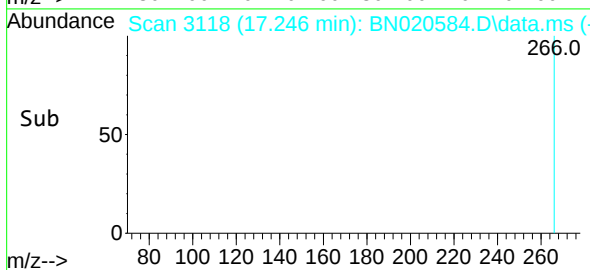
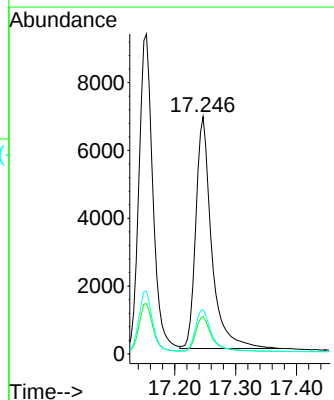
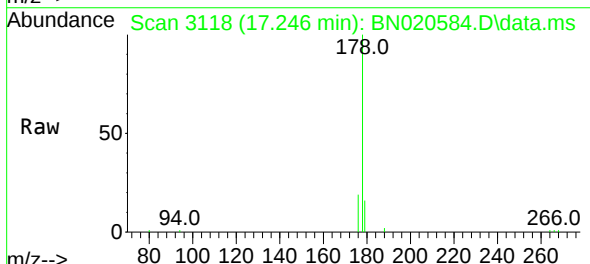
Instrument :
BNA_N
ClientSampleId :
SLCS665

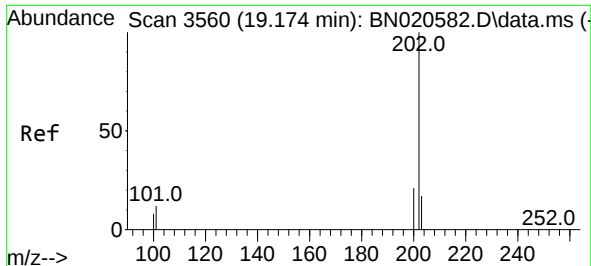
Tgt Ion:178 Resp: 14943
Ion Ratio Lower Upper
178 100
179 15.7 12.6 18.8
176 19.6 15.8 23.6



#16
Anthracene
Concen: 0.338 ng/ul
RT: 17.246 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:178 Resp: 12354
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 18.7 15.2 22.8

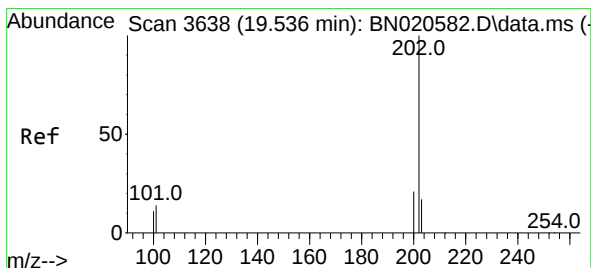
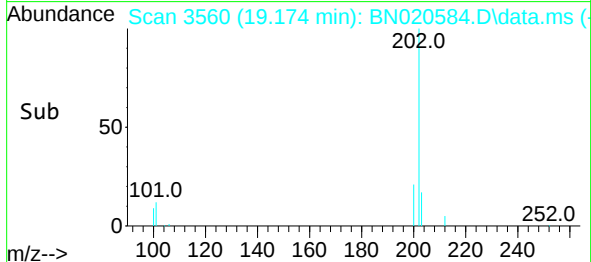
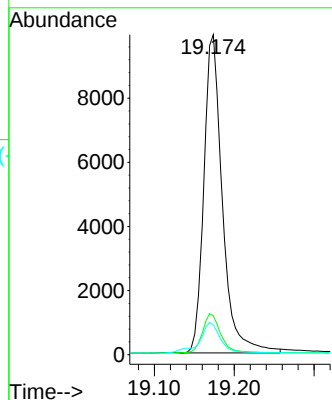
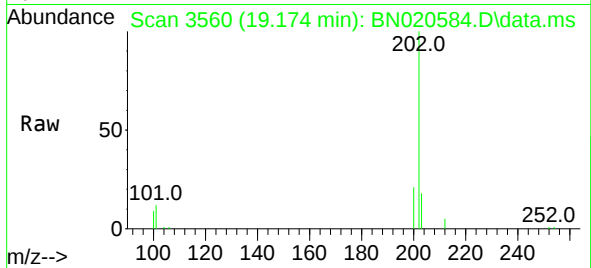




#19
Fluoranthene
Concen: 0.416 ng/ul
RT: 19.174 min Scan# 3560
Delta R.T. -0.008 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

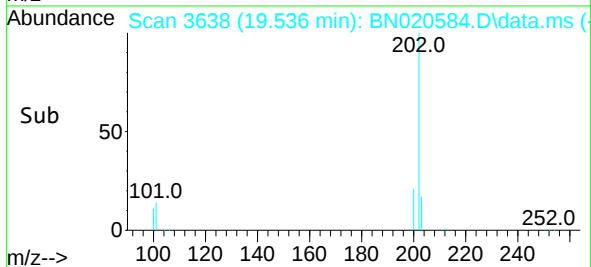
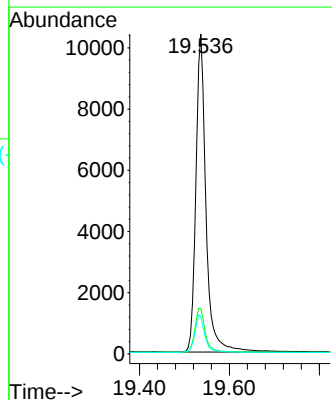
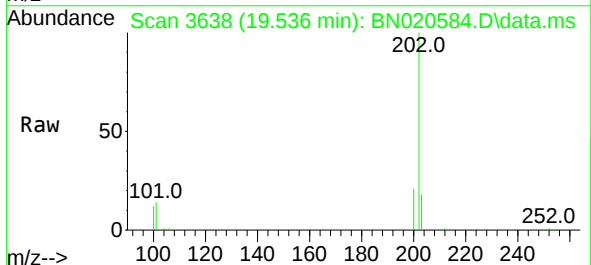
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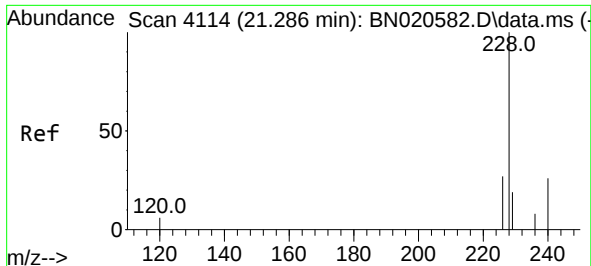
Tgt Ion:202 Resp: 16045
Ion Ratio Lower Upper
202 100
101 12.1 10.3 15.5
100 9.3 7.8 11.6



#20
Pyrene
Concen: 0.406 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.008 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:202 Resp: 16278
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.6 9.2 13.8

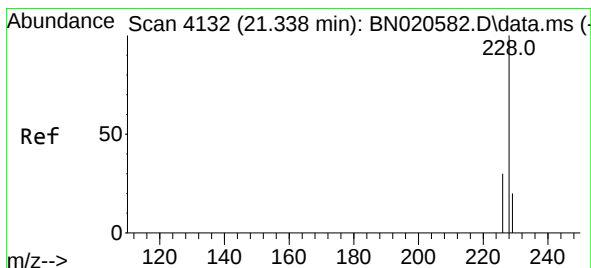
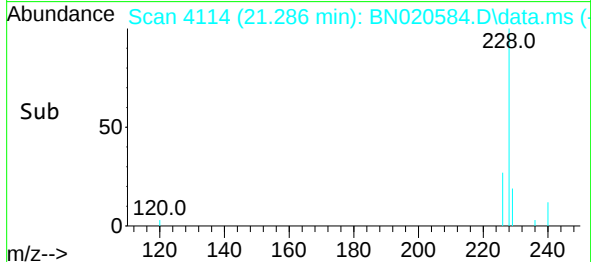
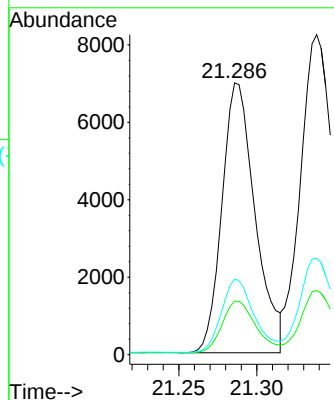
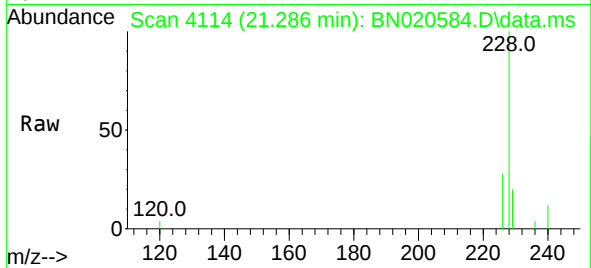




#21
Benzo(a)anthracene
Concen: 0.340 ng/ul
RT: 21.286 min Scan# 4114
Delta R.T. -0.009 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

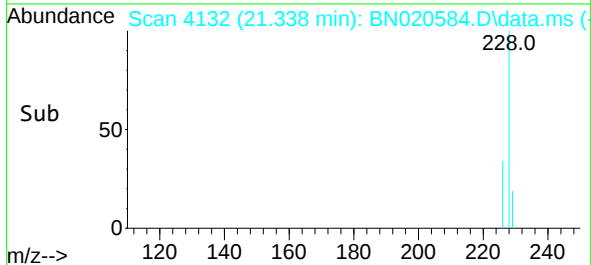
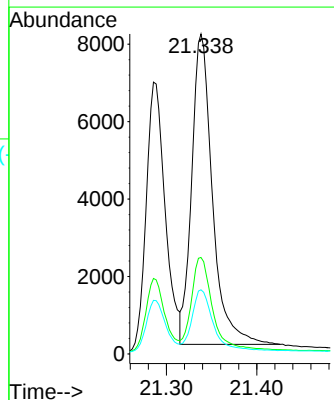
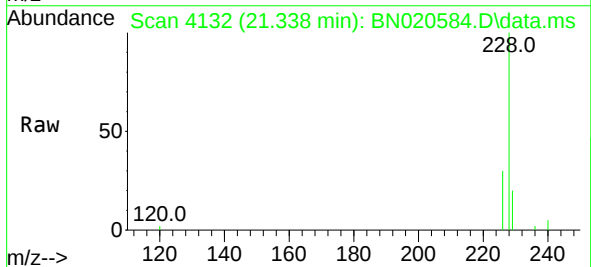
Instrument :
BNA_N
ClientSampleId :
SLCS665

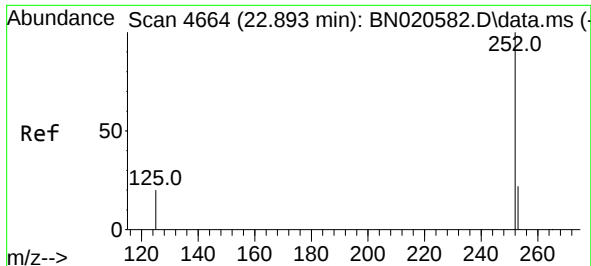
Tgt Ion:228 Resp: 10318
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.8 22.2 33.2



#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.338 min Scan# 4132
Delta R.T. -0.009 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:228 Resp: 12759
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.0 15.8 23.8

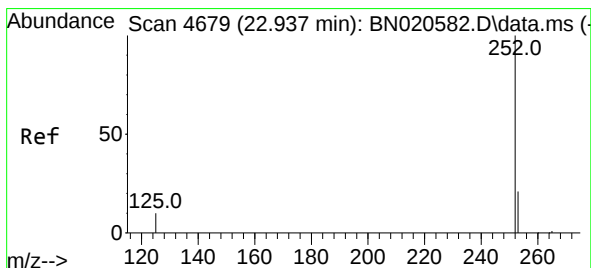
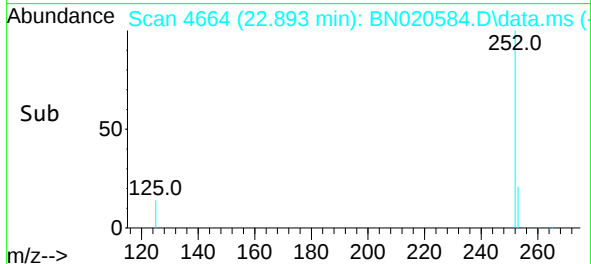
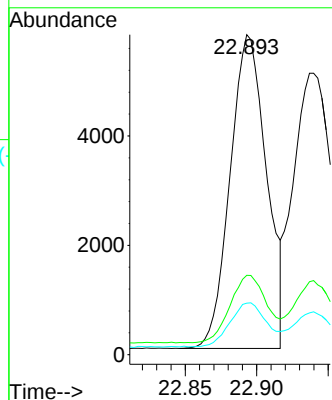
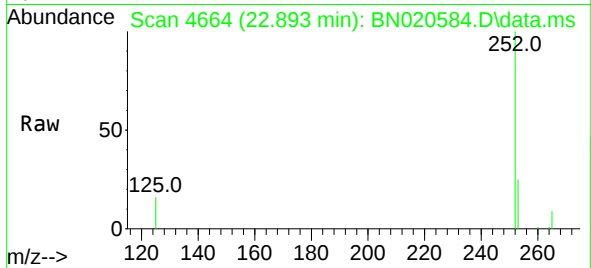




#24
Benzo(b)fluoranthene
Concen: 0.371 ng/ul
RT: 22.893 min Scan# 4664
Delta R.T. -0.012 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

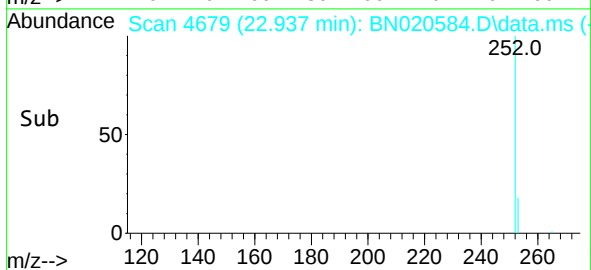
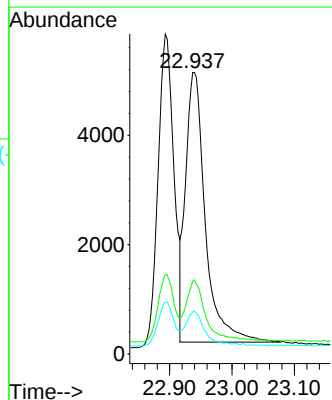
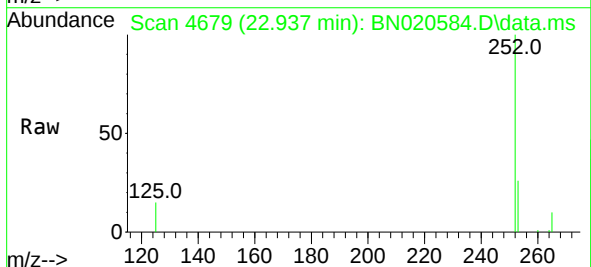
Instrument :
BNA_N
ClientSampleId :
SLCS665

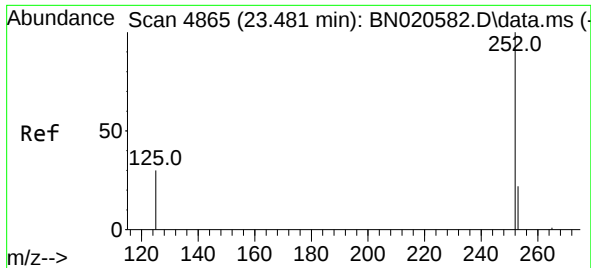
Tgt Ion:252 Resp: 10181
Ion Ratio Lower Upper
252 100
253 24.8 0.0 48.6
125 16.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.392 ng/ul
RT: 22.937 min Scan# 4679
Delta R.T. -0.015 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:252 Resp: 10864
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 14.9 12.0 18.0

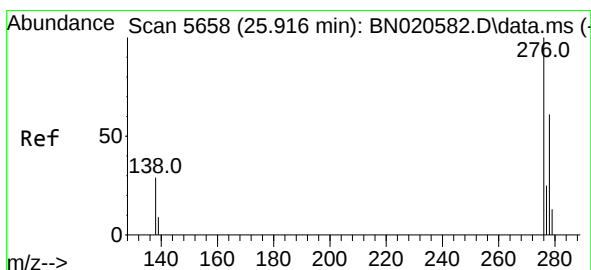
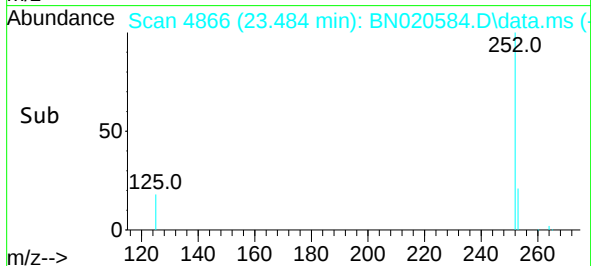
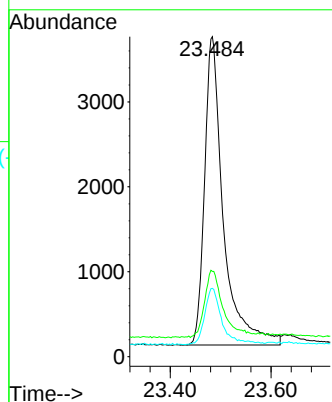
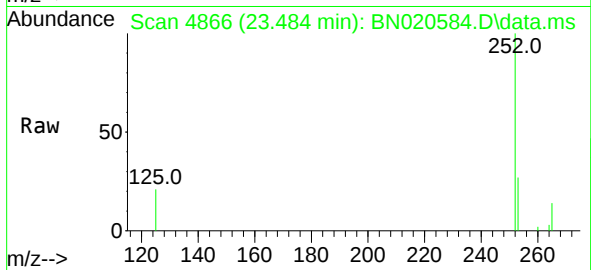




#26
Benzo(a)pyrene
Concen: 0.376 ng/ul
RT: 23.484 min Scan# 4865
Delta R.T. -0.009 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

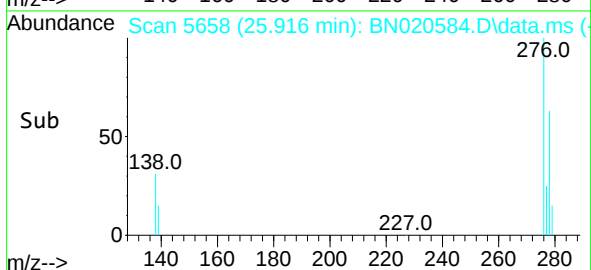
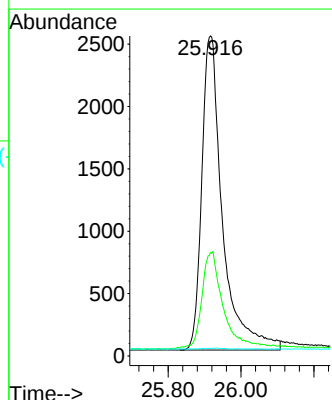
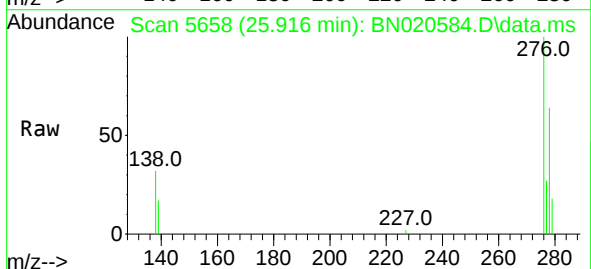
Instrument :
BNA_N
ClientSampleId :
SLCS665

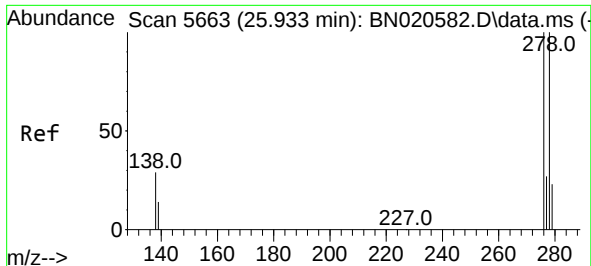
Tgt Ion:252 Resp: 9382
Ion Ratio Lower Upper
252 100
253 26.7 21.0 31.4
125 21.4 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.400 ng/ul
RT: 25.916 min Scan# 5658
Delta R.T. -0.017 min
Lab File: BN020584.D
Acq: 30 Jun 2022 00:37

Tgt Ion:276 Resp: 9934
Ion Ratio Lower Upper
276 100
138 32.6 27.4 41.2
227 0.1 0.2 0.2#

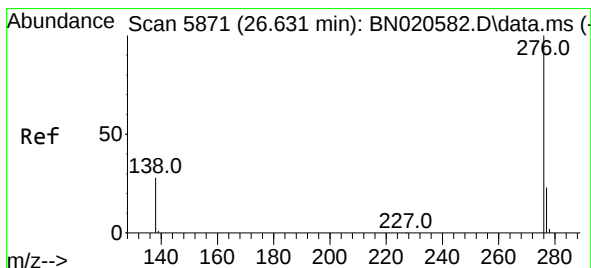
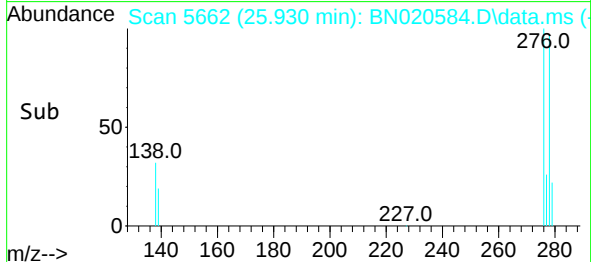
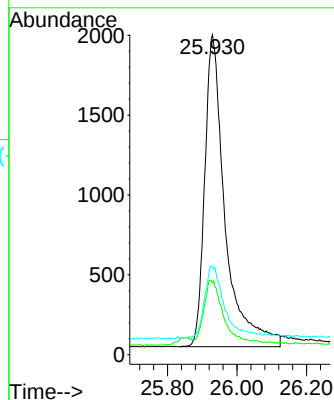
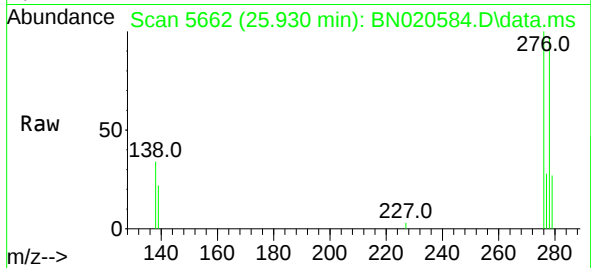




#28
 Dibenzo(a,h)anthracene
 Concen: 0.396 ng/ul
 RT: 25.930 min Scan# 5663
 Delta R.T. -0.020 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

Instrument :
 BNA_N
 ClientSampleId :
 SLCS665

Tgt Ion:278 Resp: 7944
 Ion Ratio Lower Upper
 278 100
 139 22.5 18.8 28.2
 279 27.6 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.422 ng/ul
 RT: 26.627 min Scan# 5870
 Delta R.T. -0.020 min
 Lab File: BN020584.D
 Acq: 30 Jun 2022 00:37

Tgt Ion:276 Resp: 8994
 Ion Ratio Lower Upper
 276 100
 138 29.7 23.5 35.3
 277 25.7 20.1 30.1

