

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020792.D
 Acq On : 20 Jul 2022 02:28
 Operator : CG/JU
 Sample : PB146297BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS297

Quant Time: Jul 20 03:13:49 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 : Wed Jul 20 01:02:30 2022
 Response via : Initial Calibration

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

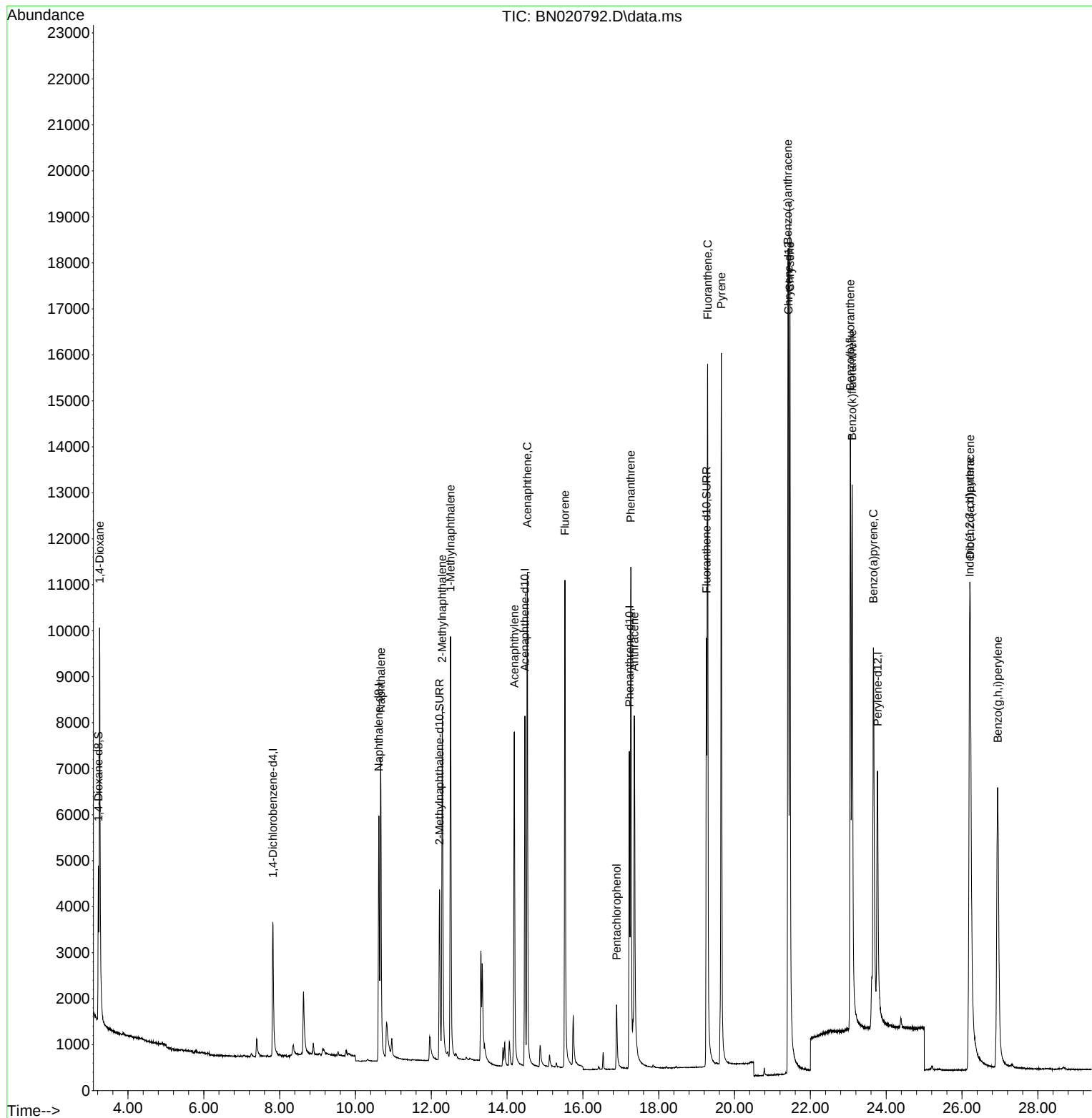
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.821	152	2162	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8405	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.469	164	4691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.225	188	9503	0.400	ng/ul	0.00
17) Chrysene-d12	21.422	240	10680	0.400	ng/ul	0.00
23) Perylene-d12	23.772	264	8698	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	2291	0.915	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	5913	0.429	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	11889	0.338	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	5603	2.191	ng/ul#	82
5) Naphthalene	10.667	128	10606	0.409	ng/ul	99
7) 2-Methylnaphthalene	12.289	142	6817	0.392	ng/ul	99
8) 1-Methylnaphthalene	12.509	142	7264	0.441	ng/ul	100
10) Acenaphthylene	14.192	152	10089	0.454	ng/ul	99
11) Acenaphthene	14.534	153	7163	0.402	ng/ul	99
12) Fluorene	15.524	166	8216	0.389	ng/ul	99
14) Pentachlorophenol	16.888	266	1372	0.716	ng/ul	97
15) Phenanthrene	17.263	178	13956	0.422	ng/ul	100
16) Anthracene	17.356	178	11073	0.388	ng/ul	100
19) Fluoranthene	19.290	202	14995	0.307	ng/ul	99
20) Pyrene	19.653	202	15626	0.309	ng/ul	99
21) Benzo(a)anthracene	21.407	228	15017	0.391	ng/ul	99
22) Chrysene	21.460	228	19164	0.449	ng/ul	100
24) Benzo(b)fluoranthene	23.053	252	17700	0.440	ng/ul	97
25) Benzo(k)fluoranthene	23.102	252	18858	0.464	ng/ul	99
26) Benzo(a)pyrene	23.664	252	16025	0.438	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.200	276	17495	0.481	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.216	278	13743	0.467	ng/ul	99
29) Benzo(g,h,i)perylene	26.941	276	15928	0.510	ng/ul	100

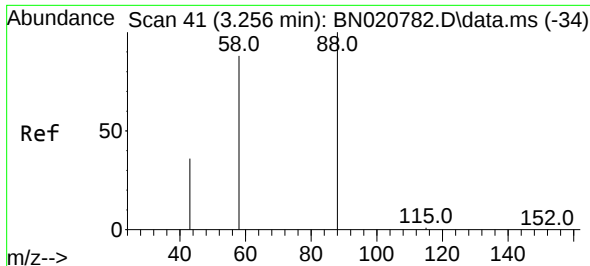
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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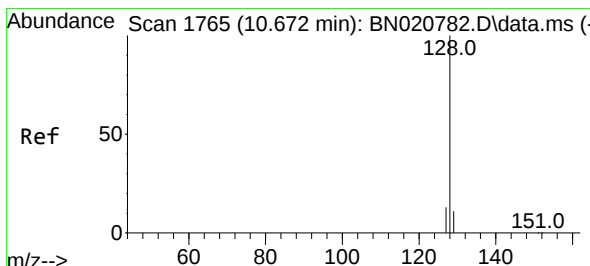
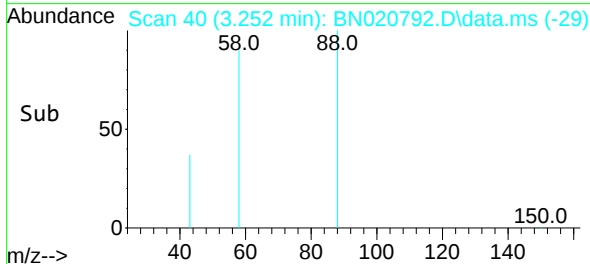
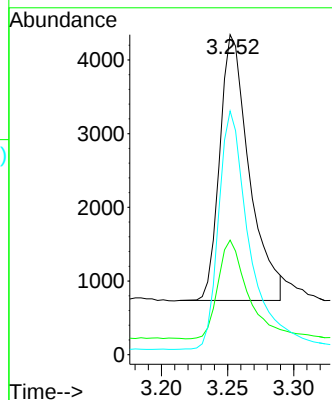
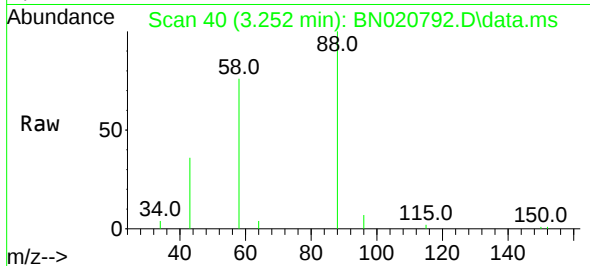




#2
 1,4-Dioxane
 Concen: 2.191 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

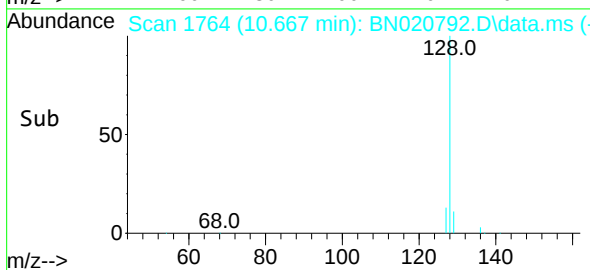
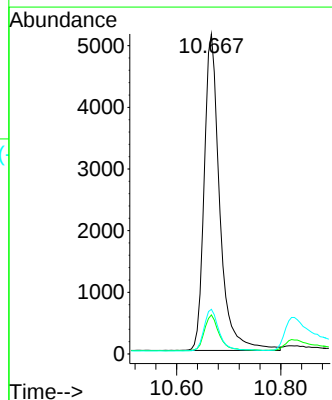
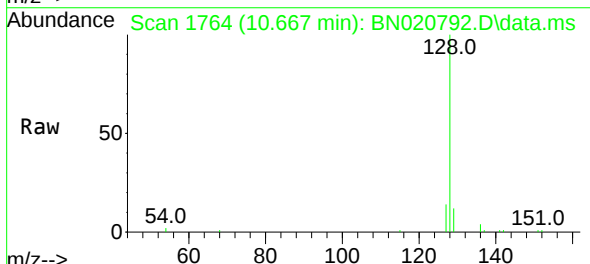
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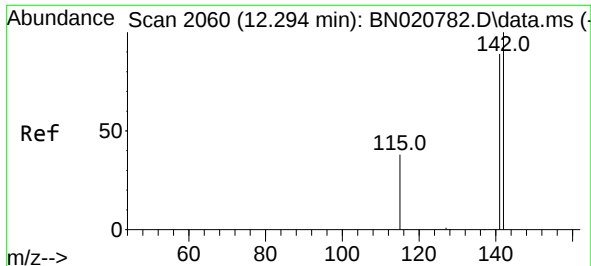
Tgt Ion: 88 Resp: 5603
 Ion Ratio Lower Upper
 88 100
 43 35.8 32.5 48.7
 58 76.2 46.2 69.2#



#5
 Naphthalene
 Concen: 0.409 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

Tgt Ion: 128 Resp: 10606
 Ion Ratio Lower Upper
 128 100
 129 12.2 9.5 14.3
 127 14.0 11.3 16.9

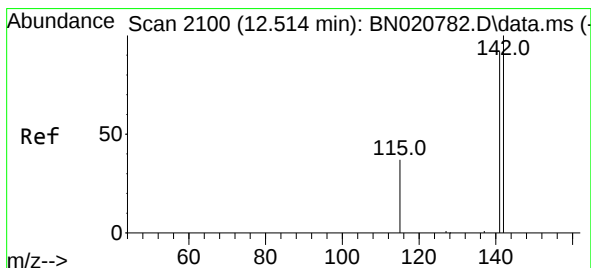
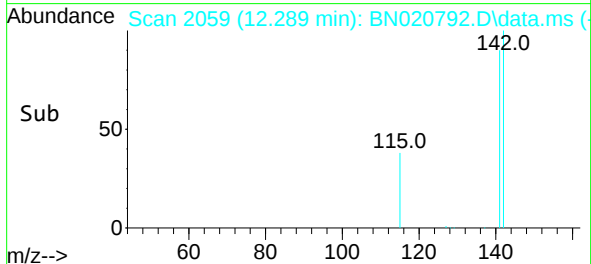
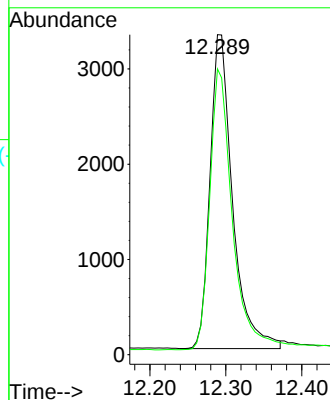
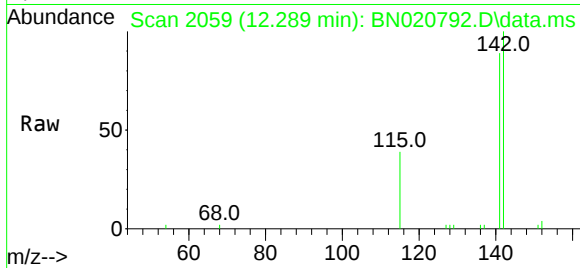




#7
2-Methylnaphthalene
Concen: 0.392 ng/ul
RT: 12.289 min Scan# 2059
Delta R.T. -0.005 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

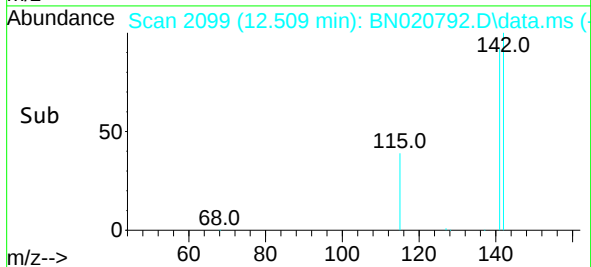
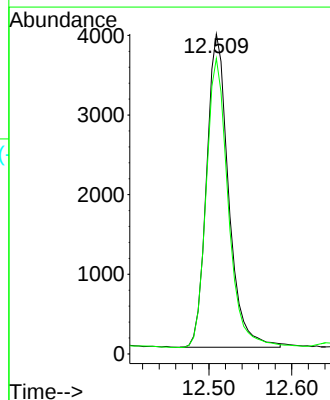
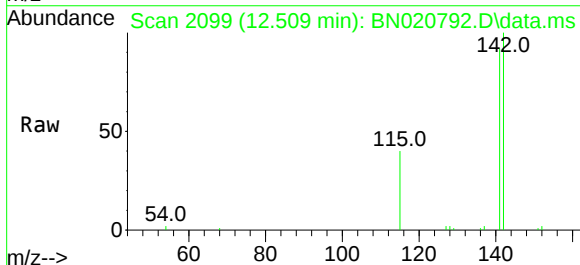
Instrument :
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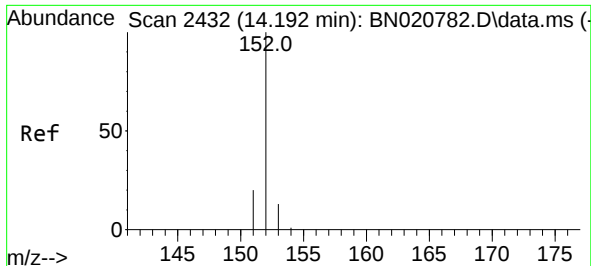
Tgt Ion:142 Resp: 6817
Ion Ratio Lower Upper
142 100
141 89.4 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.441 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:142 Resp: 7264
Ion Ratio Lower Upper
142 100
141 92.4 73.7 110.5

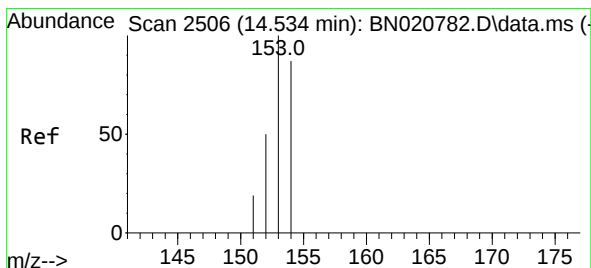
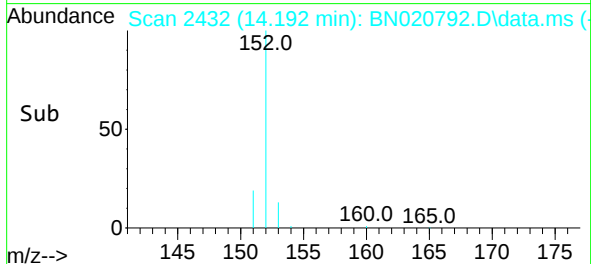
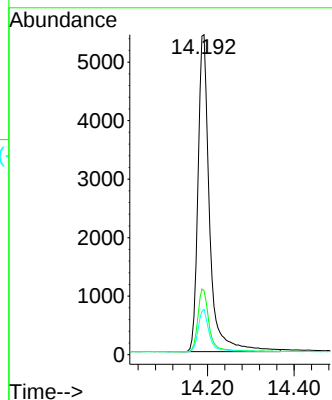
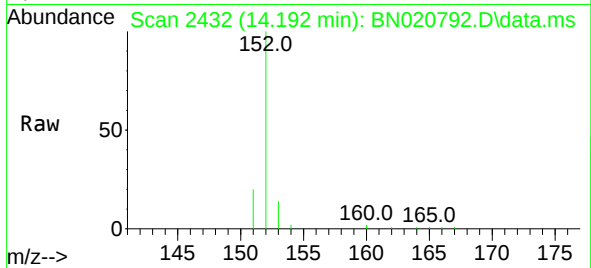




#10
Acenaphthylene
Concen: 0.454 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

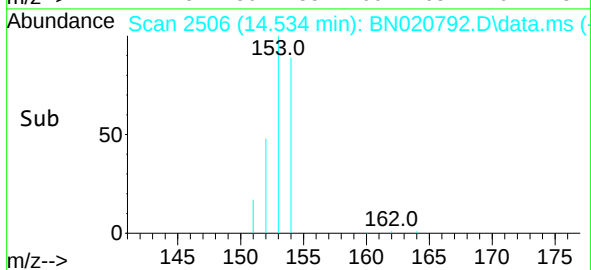
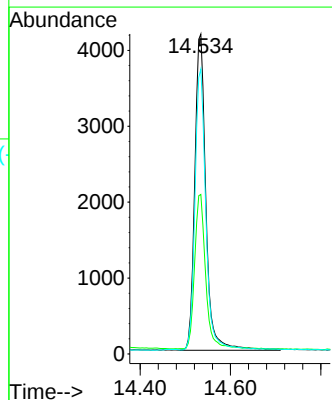
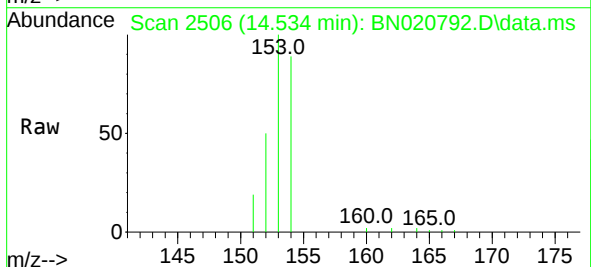
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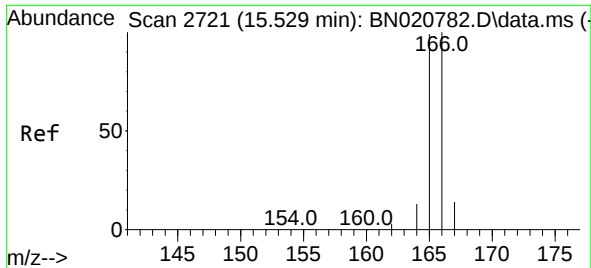
Tgt Ion:152 Resp: 10089
Ion Ratio Lower Upper
152 100
151 19.9 16.5 24.7
153 14.2 11.1 16.7



#11
Acenaphthene
Concen: 0.402 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:153 Resp: 7163
Ion Ratio Lower Upper
153 100
152 49.9 40.0 60.0
154 89.1 70.0 105.0

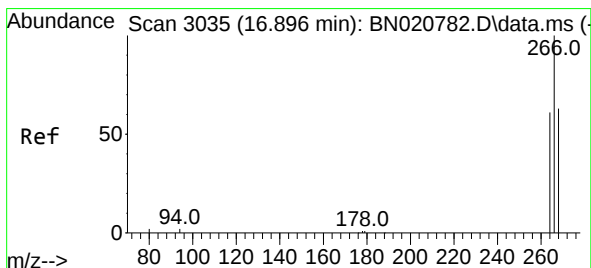
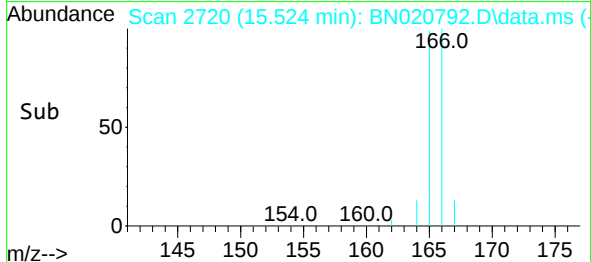
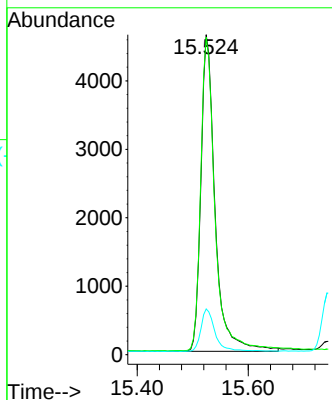
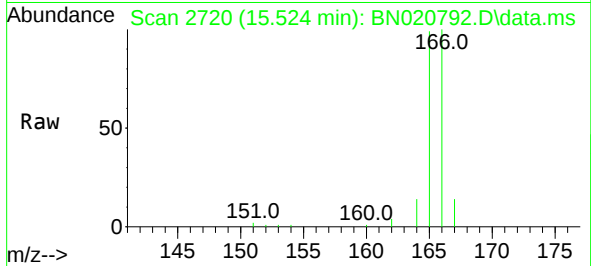




#12
 Fluorene
 Concen: 0.389 ng/ul
 RT: 15.524 min Scan# 2721
 Delta R.T. -0.001 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

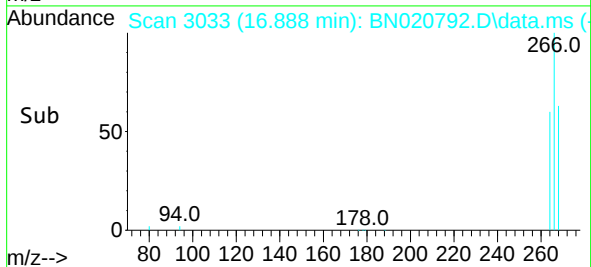
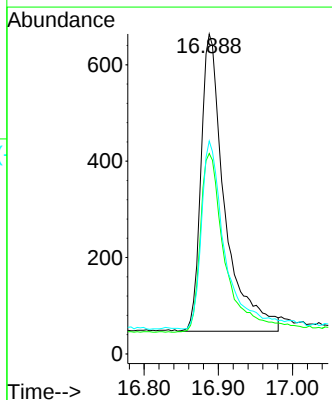
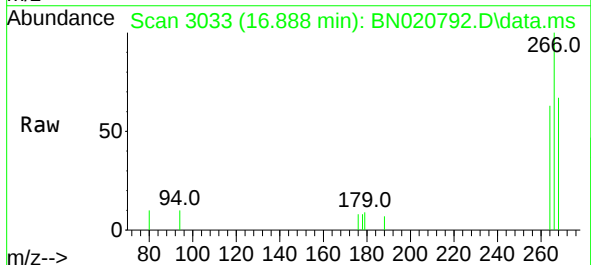
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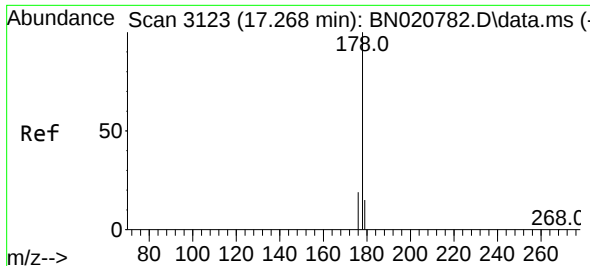
Tgt Ion:166 Resp: 8216
 Ion Ratio Lower Upper
 166 100
 165 99.2 78.2 117.2
 167 14.3 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.716 ng/ul
 RT: 16.888 min Scan# 3033
 Delta R.T. -0.005 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

Tgt Ion:266 Resp: 1372
 Ion Ratio Lower Upper
 266 100
 264 61.8 51.6 77.4
 268 62.5 51.5 77.3

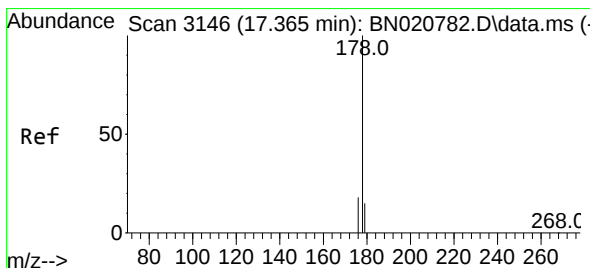
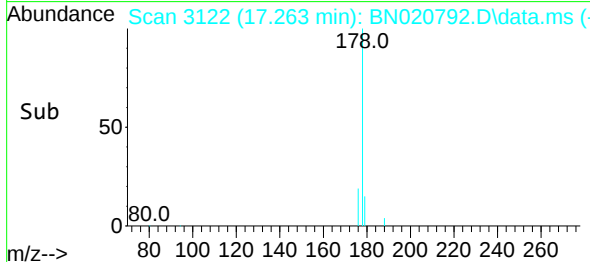
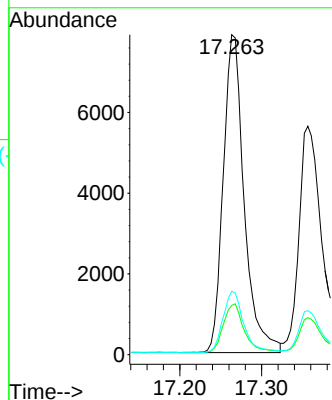
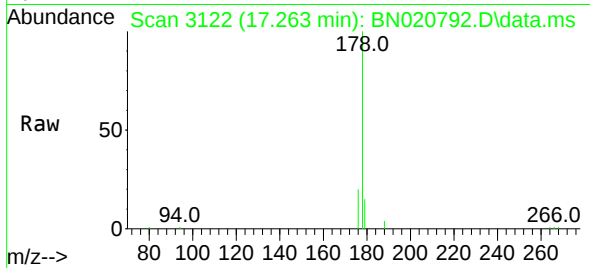




#15
Phenanthrene
Concen: 0.422 ng/ul
RT: 17.263 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

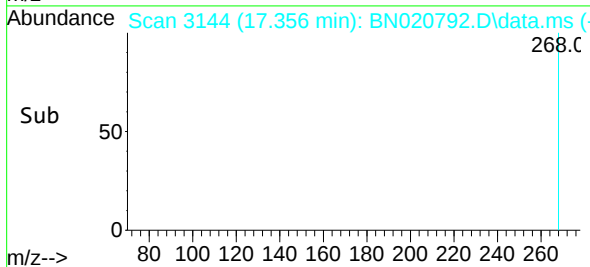
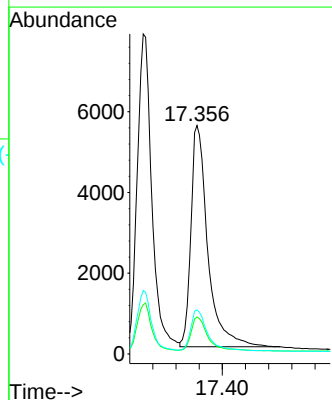
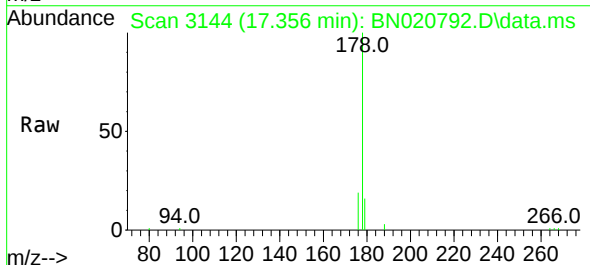
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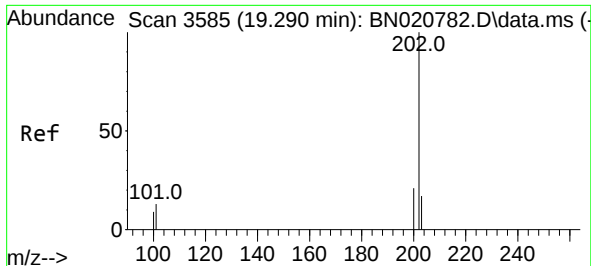
Tgt Ion:178 Resp: 13956
Ion Ratio Lower Upper
178 100
179 15.4 12.6 18.8
176 19.8 15.8 23.6



#16
Anthracene
Concen: 0.388 ng/ul
RT: 17.356 min Scan# 3144
Delta R.T. -0.005 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:178 Resp: 11073
Ion Ratio Lower Upper
178 100
179 16.2 12.8 19.2
176 19.2 15.2 22.8

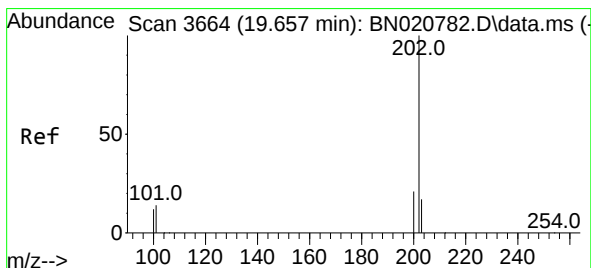
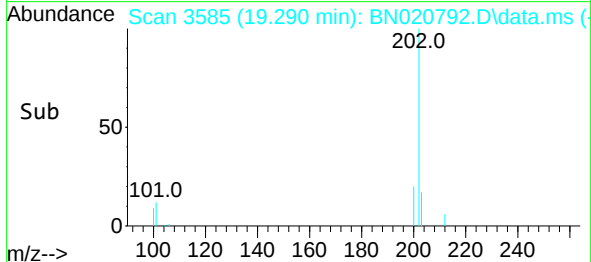
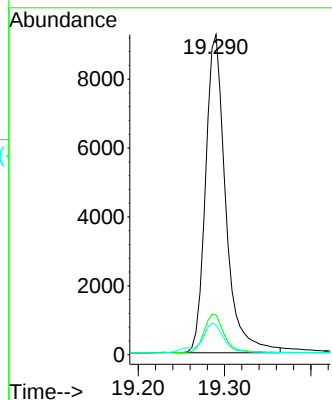
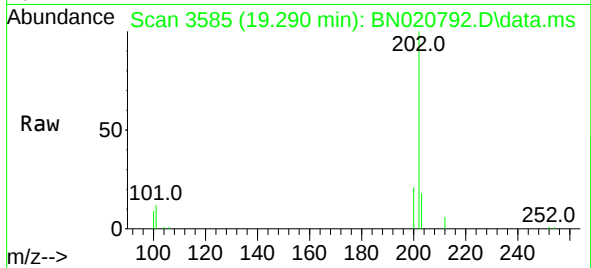




#19
Fluoranthene
Concen: 0.307 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

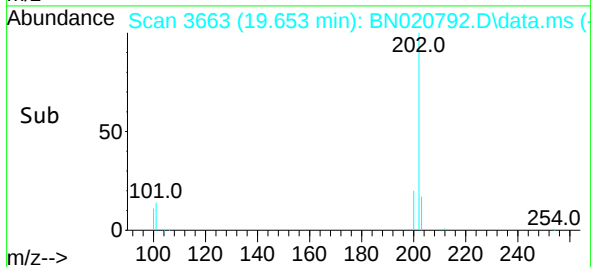
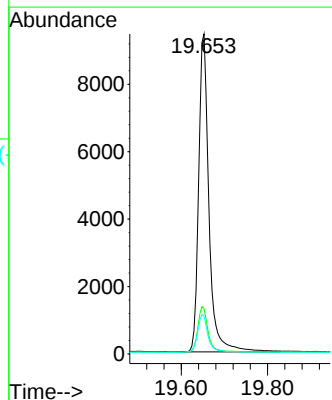
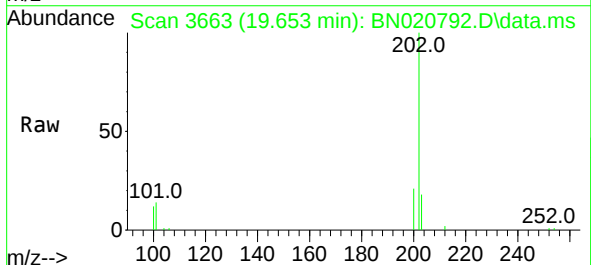
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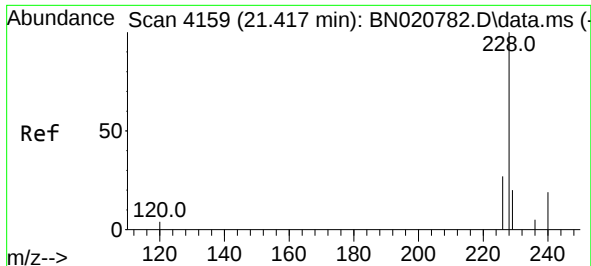
Tgt Ion:202 Resp: 14995
Ion Ratio Lower Upper
202 100
101 12.4 10.3 15.5
100 9.2 7.8 11.6



#20
Pyrene
Concen: 0.309 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:202 Resp: 15626
Ion Ratio Lower Upper
202 100
101 14.1 11.6 17.4
100 11.8 9.2 13.8

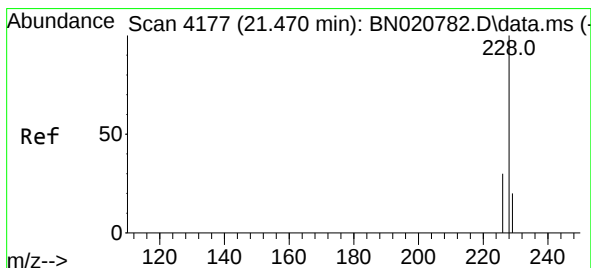
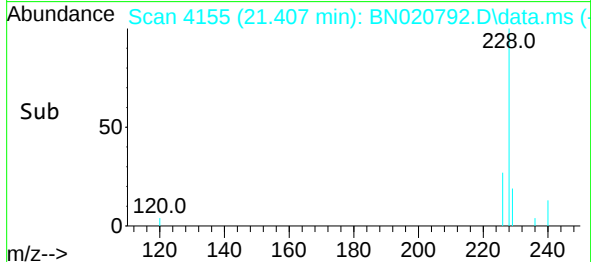
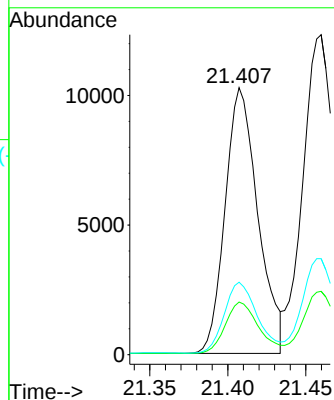
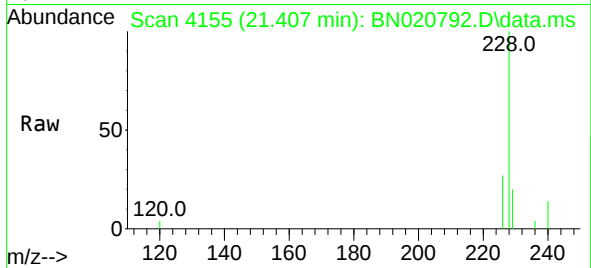




#21
Benzo(a)anthracene
Concen: 0.391 ng/ul
RT: 21.407 min Scan# 4155
Delta R.T. -0.008 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

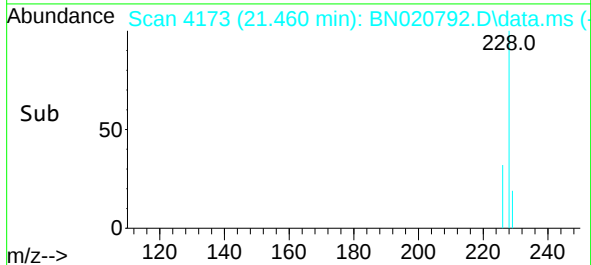
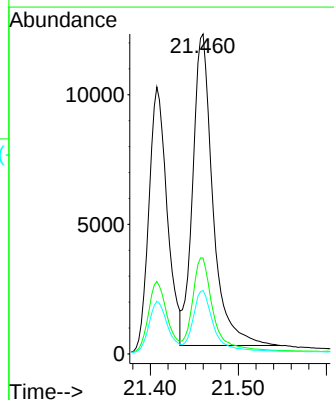
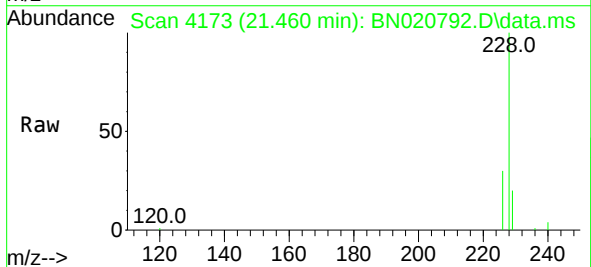
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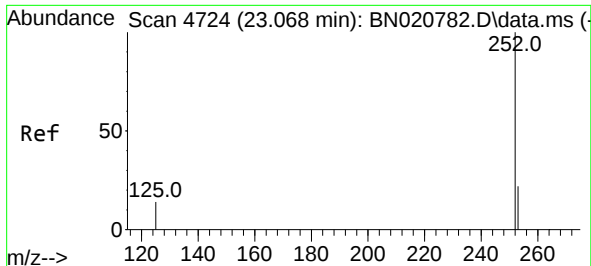
Tgt Ion:228 Resp: 15017
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.449 ng/ul
RT: 21.460 min Scan# 4173
Delta R.T. -0.008 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:228 Resp: 19164
Ion Ratio Lower Upper
228 100
226 30.0 23.9 35.9
229 19.8 15.8 23.8

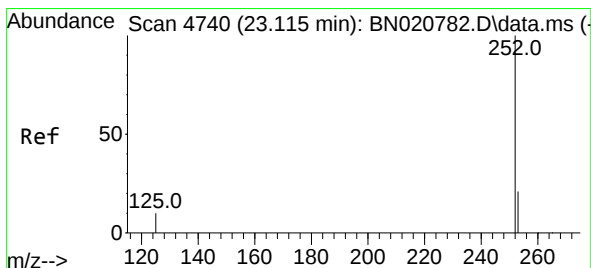
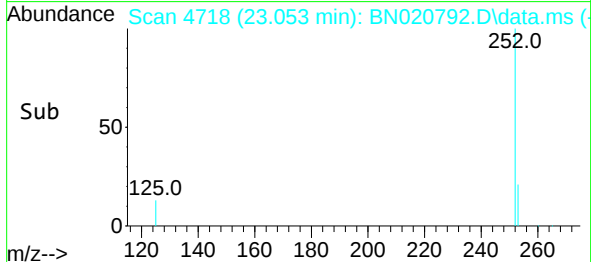
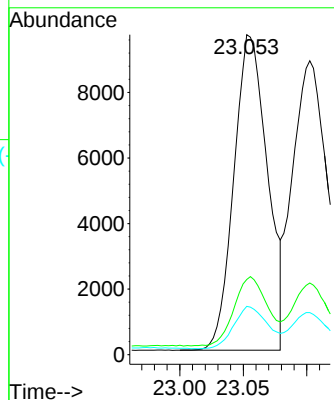
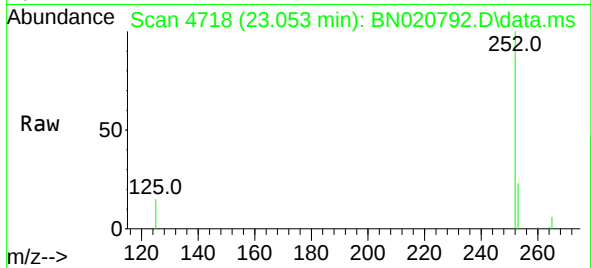




#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 23.053 min Scan# 4718
Delta R.T. -0.011 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

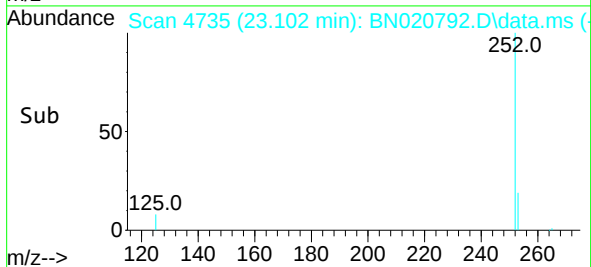
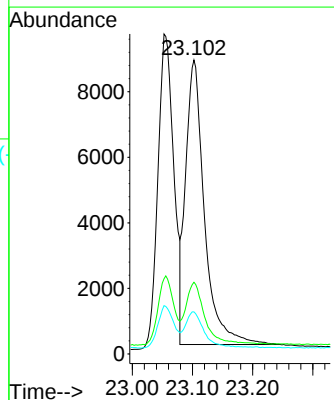
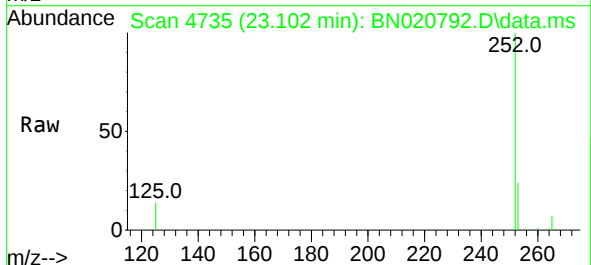
Instrument :
BNA_N
ClientSampleId :
SLCS297

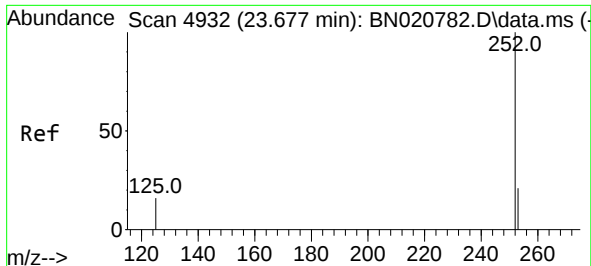
Tgt Ion:252 Resp: 17700
Ion Ratio Lower Upper
252 100
253 23.5 0.0 48.6
125 15.1 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.464 ng/ul
RT: 23.102 min Scan# 4735
Delta R.T. -0.011 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:252 Resp: 18858
Ion Ratio Lower Upper
252 100
253 24.4 19.7 29.5
125 14.3 12.0 18.0

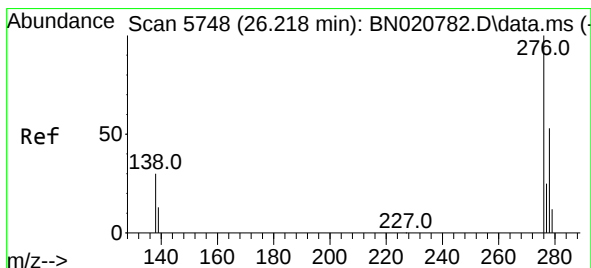
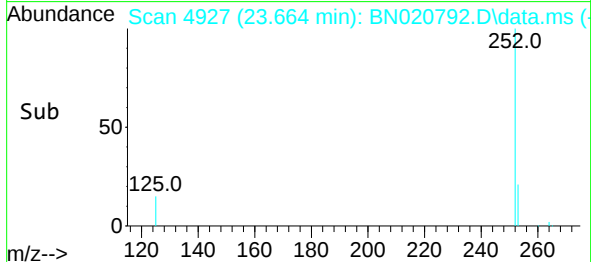
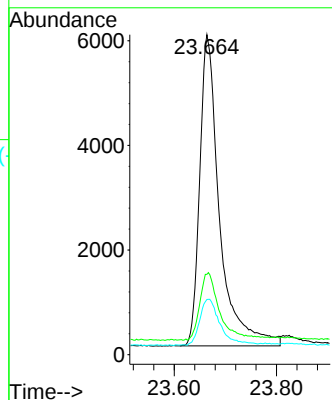
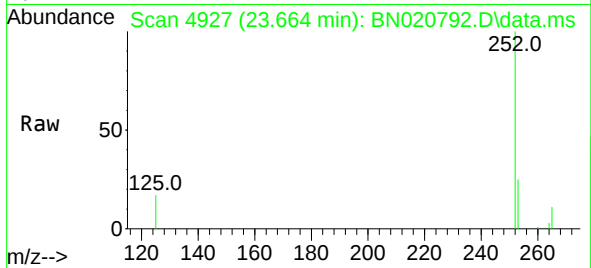




#26
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.664 min Scan# 4932
Delta R.T. -0.011 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

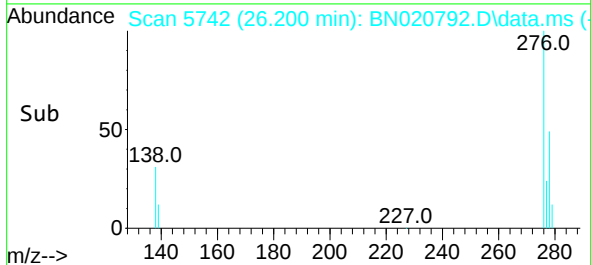
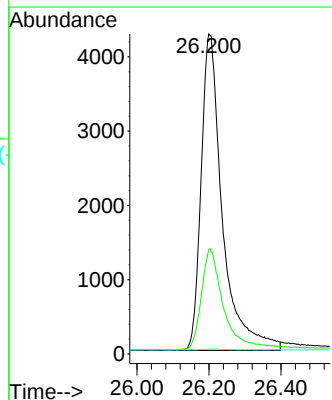
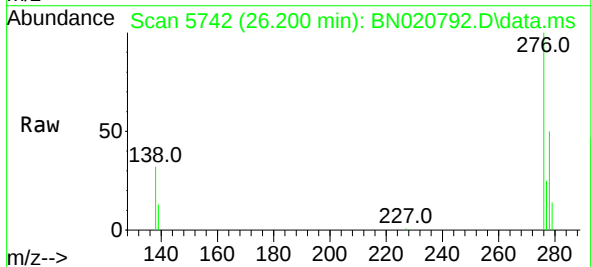
Instrument :
BNA_N
ClientSampleId :
SLCS297

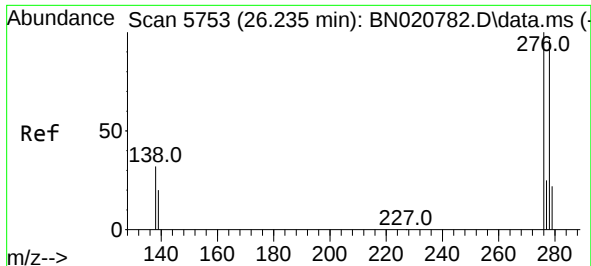
Tgt Ion:252 Resp: 16025
Ion Ratio Lower Upper
252 100
253 25.1 21.0 31.4
125 17.2 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.481 ng/ul
RT: 26.200 min Scan# 5742
Delta R.T. -0.016 min
Lab File: BN020792.D
Acq: 20 Jul 2022 02:28

Tgt Ion:276 Resp: 17495
Ion Ratio Lower Upper
276 100
138 33.2 27.4 41.2
227 0.2 0.2 0.2#

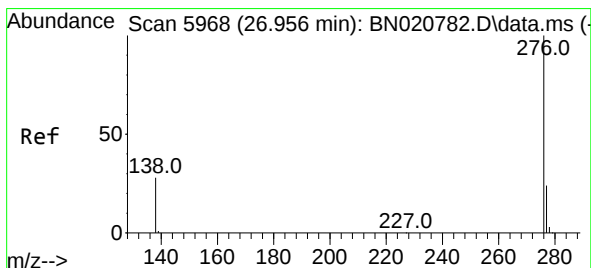
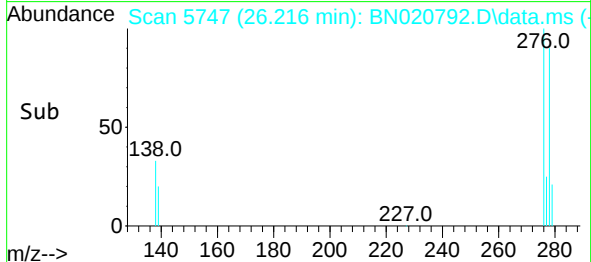
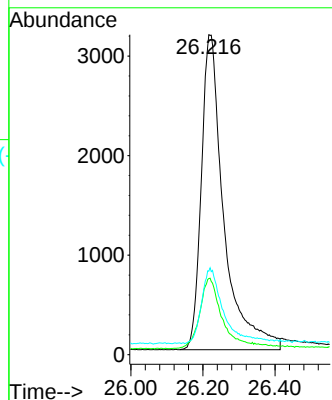
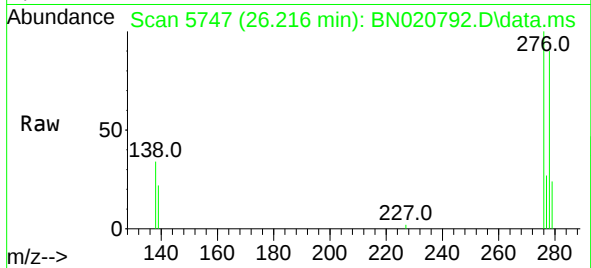




#28
 Dibenzo(a,h)anthracene
 Concen: 0.467 ng/ul
 RT: 26.216 min Scan# 51
 Delta R.T. -0.016 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

Instrument :
 BNA_N
 ClientSampleId :
 SLCS297

Tgt Ion:278 Resp: 13743
 Ion Ratio Lower Upper
 278 100
 139 23.8 18.8 28.2
 279 26.1 21.4 32.0



#29
 Benzo(g,h,i)perylene
 Concen: 0.510 ng/ul
 RT: 26.941 min Scan# 5963
 Delta R.T. -0.009 min
 Lab File: BN020792.D
 Acq: 20 Jul 2022 02:28

Tgt Ion:276 Resp: 15928
 Ion Ratio Lower Upper
 276 100
 138 29.5 23.5 35.3
 277 24.8 20.1 30.1

