

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071922\
 Data File : BN020793.D
 Acq On : 20 Jul 2022 03:04
 Operator : CG/JU
 Sample : PB146299BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS299

Quant Time: Jul 20 03:39:27 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)

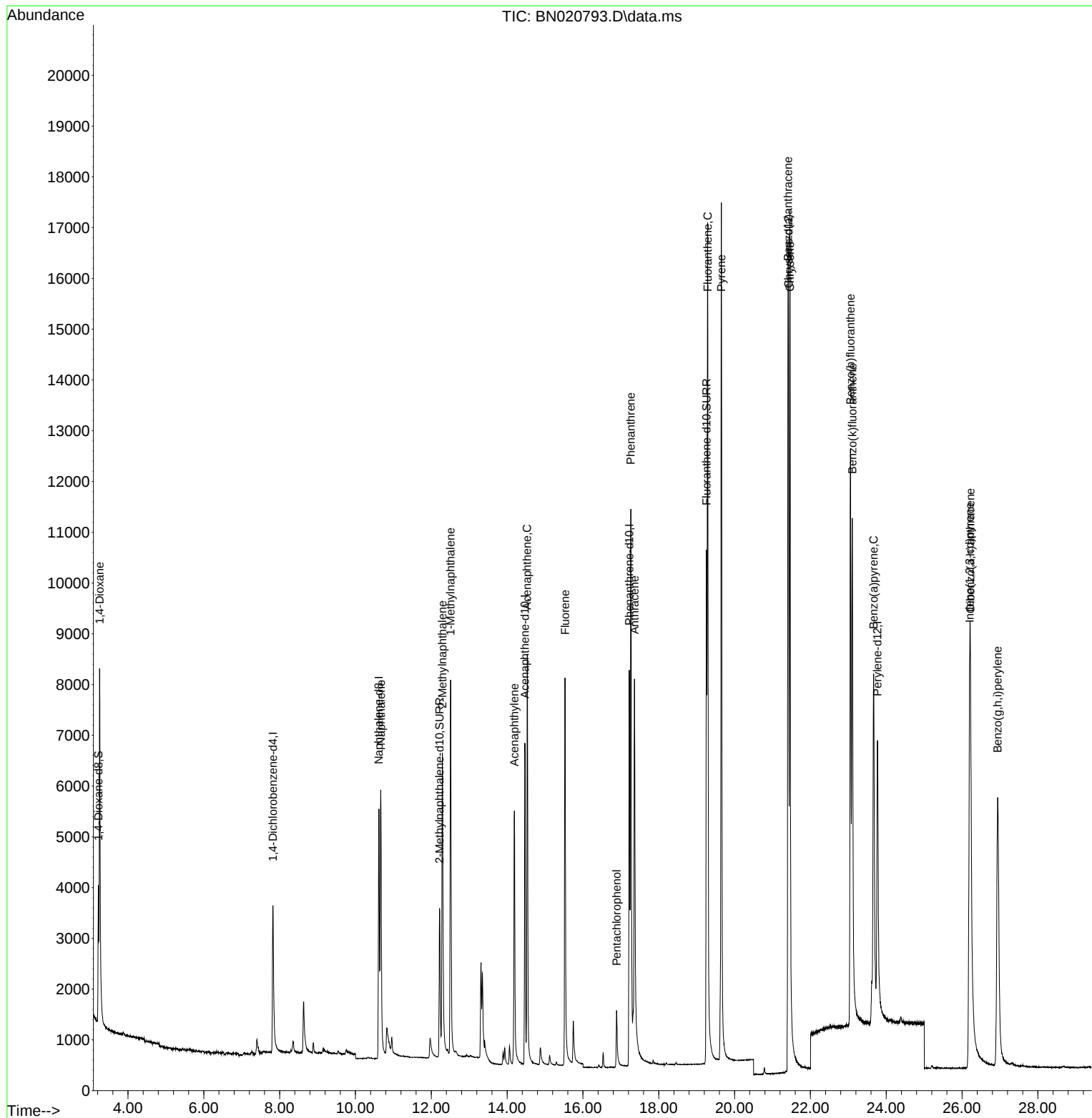
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	2238	0.400	ng/ul	0.00
4) Naphthalene-d8	10.617	136	8005	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.470	164	3928	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.221	188	10602	0.400	ng/ul	0.00
17) Chrysene-d12	21.423	240	10566	0.400	ng/ul	0.00
23) Perylene-d12	23.770	264	8712	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1872	0.722	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.218	152	4847	0.369	ng/ul	0.00
18) Fluoranthene-d10	19.258	212	12707	0.365	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.252	88	4651	1.757	ng/ul#	82
5) Naphthalene	10.667	128	8777	0.355	ng/ul	100
7) 2-Methylnaphthalene	12.295	142	5595	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.509	142	6045	0.386	ng/ul	100
10) Acenaphthylene	14.192	152	7347	0.395	ng/ul	100
11) Acenaphthene	14.530	153	5445	0.365	ng/ul	99
12) Fluorene	15.529	166	6231	0.353	ng/ul	98
14) Pentachlorophenol	16.888	266	1052	0.492	ng/ul	100
15) Phenanthrene	17.264	178	13792	0.374	ng/ul	99
16) Anthracene	17.361	178	11254	0.354	ng/ul	99
19) Fluoranthene	19.290	202	16199	0.336	ng/ul	99
20) Pyrene	19.653	202	16926	0.338	ng/ul	98
21) Benzo(a)anthracene	21.409	228	12824	0.338	ng/ul	99
22) Chrysene	21.458	228	16669	0.395	ng/ul	100
24) Benzo(b)fluoranthene	23.057	252	15510	0.385	ng/ul	97
25) Benzo(k)fluoranthene	23.104	252	16307	0.401	ng/ul	100
26) Benzo(a)pyrene	23.668	252	13883	0.379	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	26.198	276	15314	0.420	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.222	278	12048	0.409	ng/ul	99
29) Benzo(g,h,i)perylene	26.939	276	14329	0.458	ng/ul	100

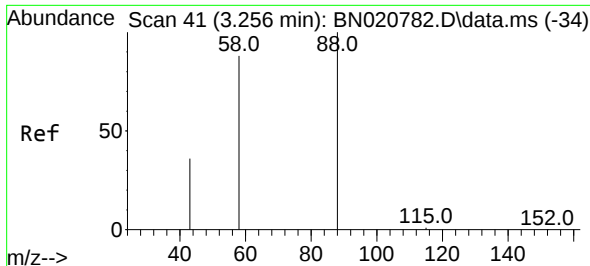
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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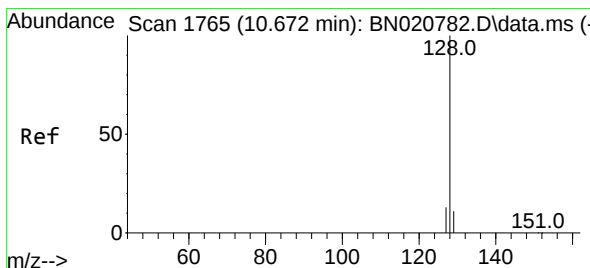
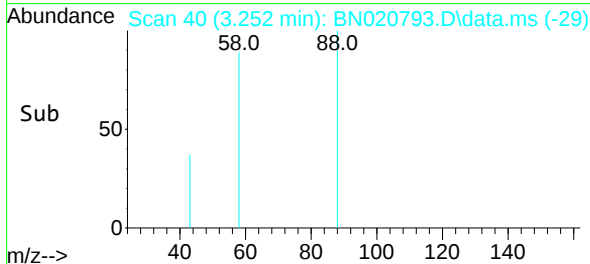
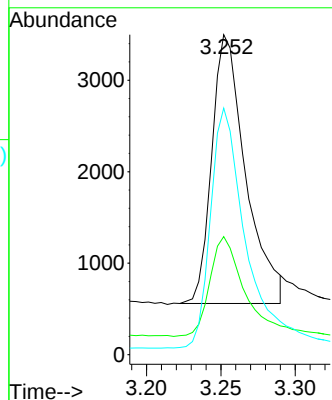
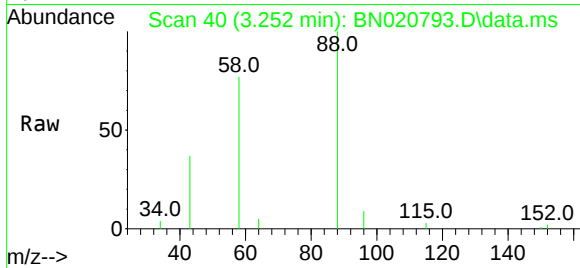




#2
 1,4-Dioxane
 Concen: 1.757 ng/ul
 RT: 3.252 min Scan# 40
 Delta R.T. -0.004 min
 Lab File: BN020793.D
 Acq: 20 Jul 2022 03:04

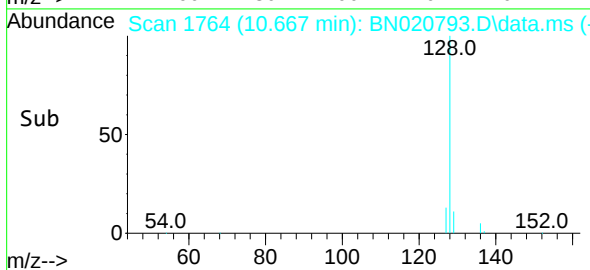
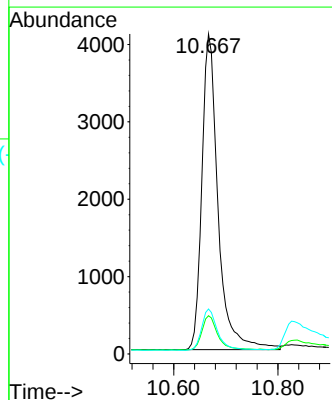
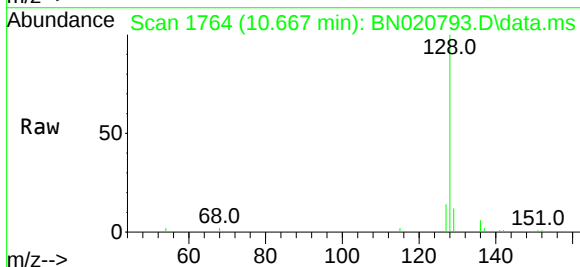
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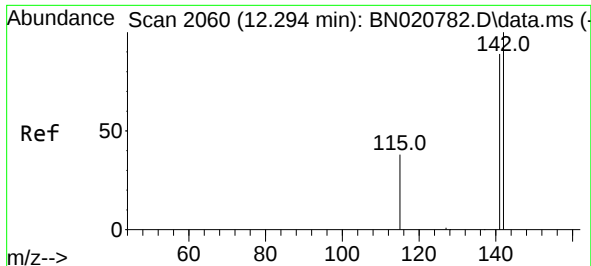
Tgt Ion: 88 Resp: 4651
 Ion Ratio Lower Upper
 88 100
 43 36.9 32.5 48.7
 58 77.1 46.2 69.2#



#5
 Naphthalene
 Concen: 0.355 ng/ul
 RT: 10.667 min Scan# 1764
 Delta R.T. 0.000 min
 Lab File: BN020793.D
 Acq: 20 Jul 2022 03:04

Tgt Ion: 128 Resp: 8777
 Ion Ratio Lower Upper
 128 100
 129 11.9 9.5 14.3
 127 14.0 11.3 16.9

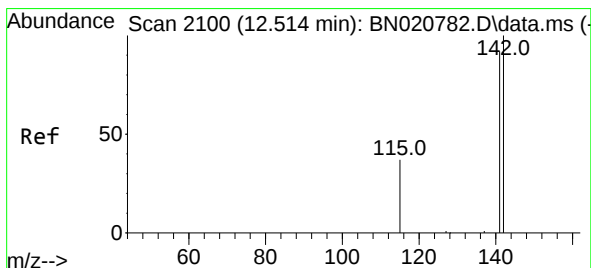
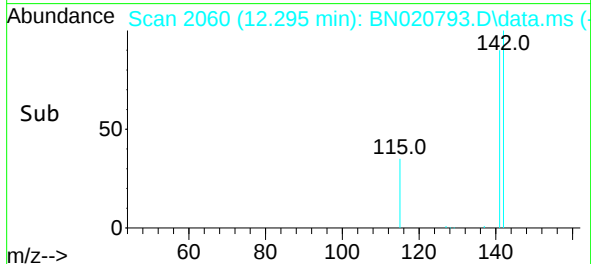
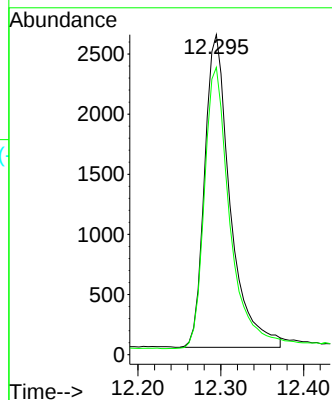
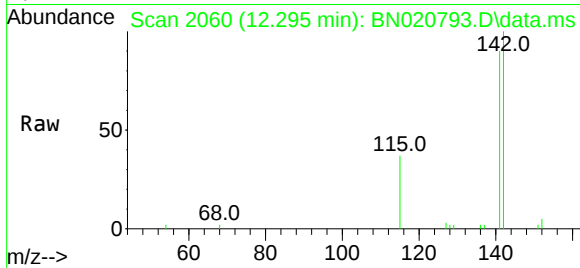




#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.295 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

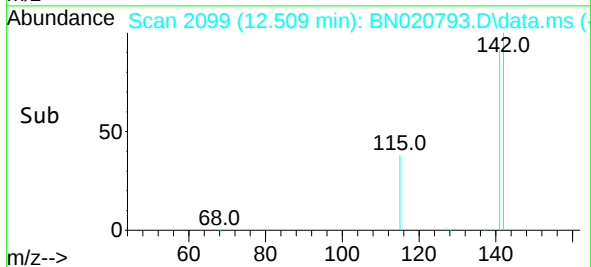
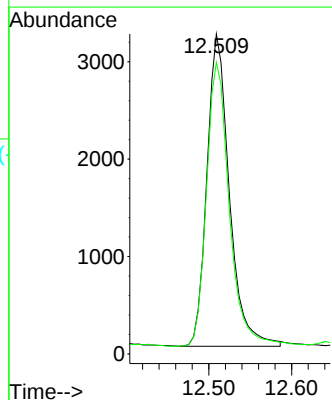
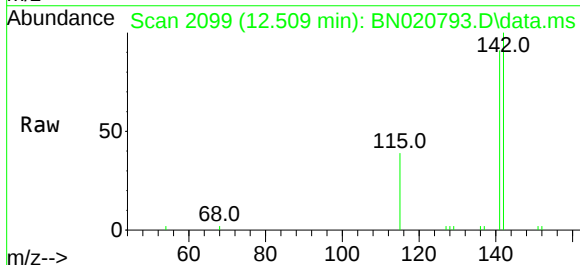
Instrument :
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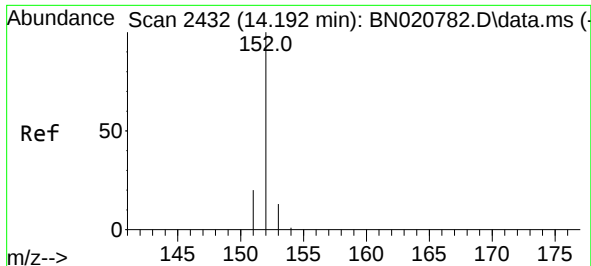
Tgt Ion:142 Resp: 5595
Ion Ratio Lower Upper
142 100
141 89.7 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.509 min Scan# 2099
Delta R.T. 0.000 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:142 Resp: 6045
Ion Ratio Lower Upper
142 100
141 92.1 73.7 110.5

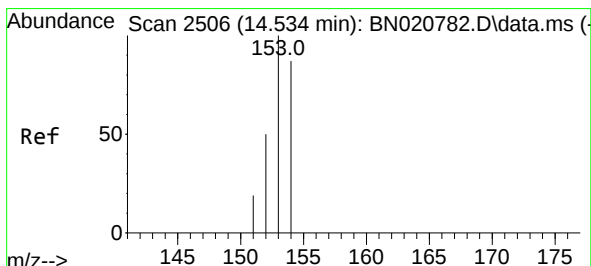
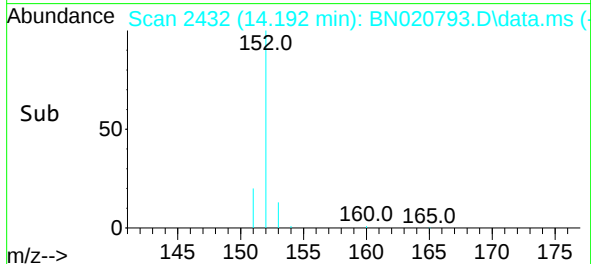
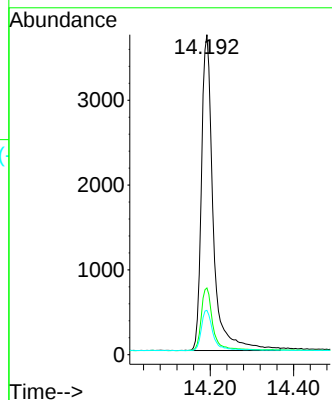
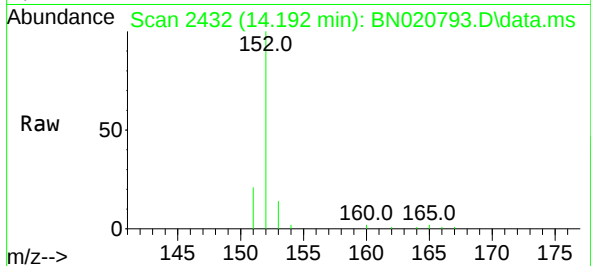




#10
Acenaphthylene
Concen: 0.395 ng/ul
RT: 14.192 min Scan# 2432
Delta R.T. 0.004 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

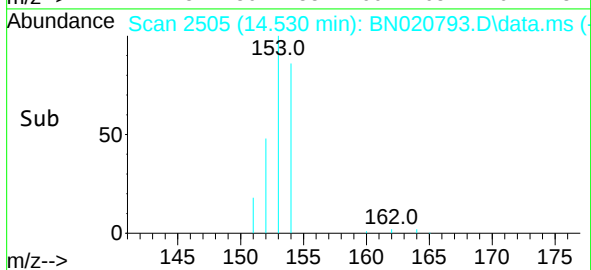
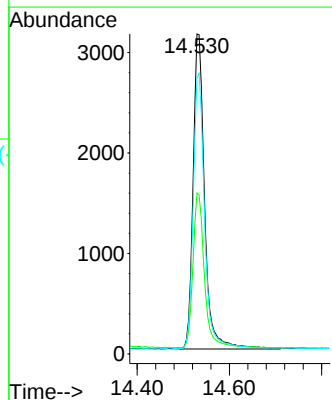
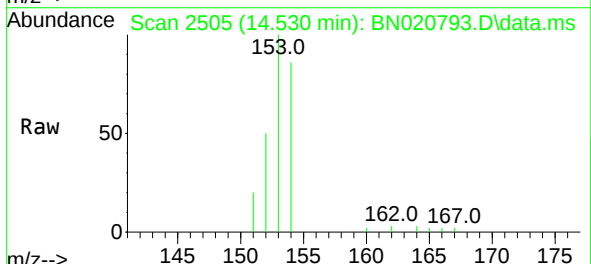
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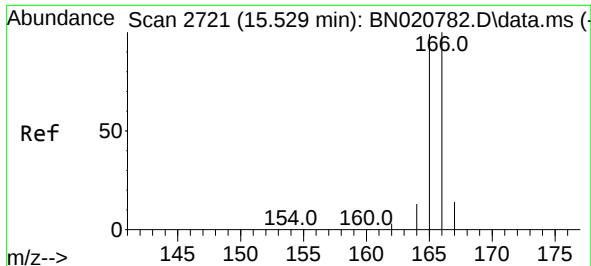
Tgt Ion:152 Resp: 7347
Ion Ratio Lower Upper
152 100
151 20.9 16.5 24.7
153 13.8 11.1 16.7



#11
Acenaphthene
Concen: 0.365 ng/ul
RT: 14.530 min Scan# 2505
Delta R.T. -0.001 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:153 Resp: 5445
Ion Ratio Lower Upper
153 100
152 50.3 40.0 60.0
154 86.3 70.0 105.0

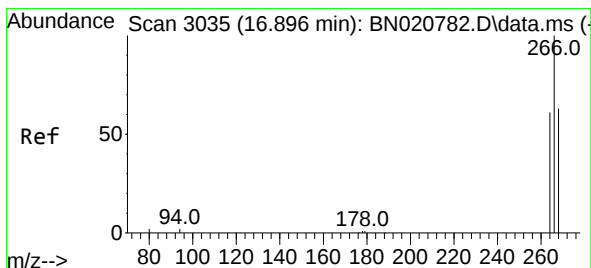
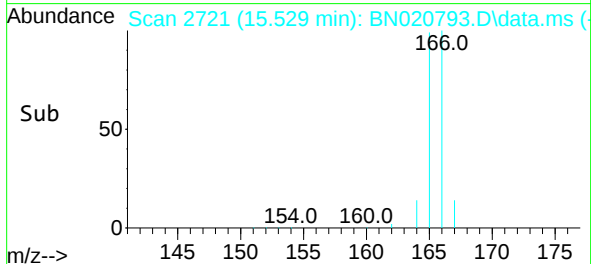
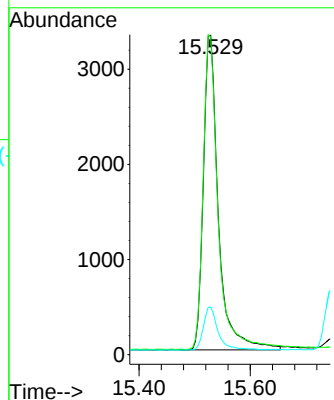
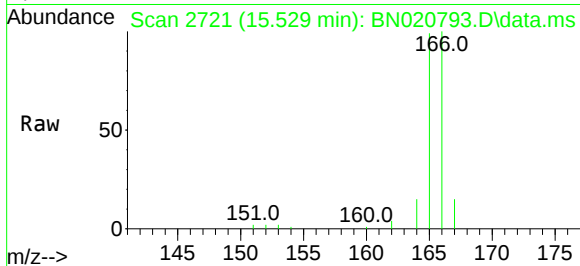




#12
 Fluorene
 Concen: 0.353 ng/ul
 RT: 15.529 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BN020793.D
 Acq: 20 Jul 2022 03:04

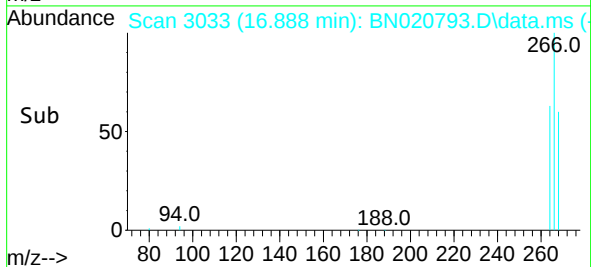
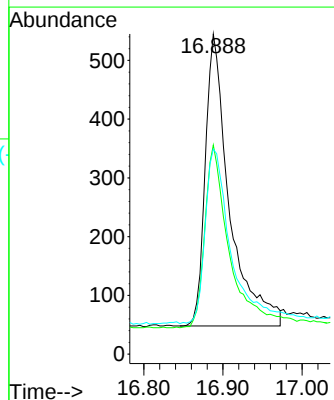
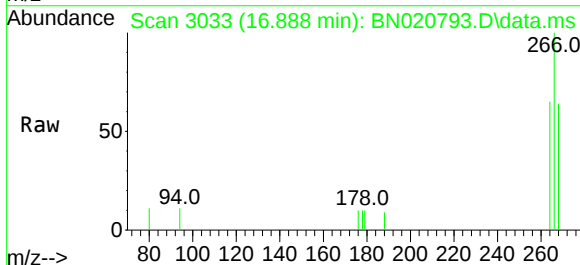
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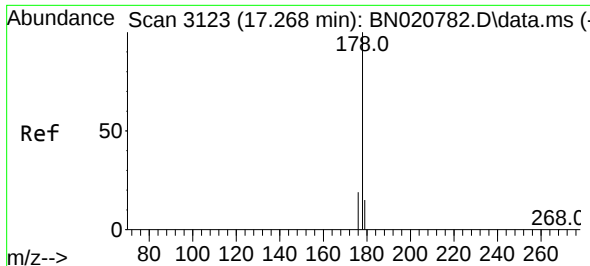
Tgt Ion:166 Resp: 6231
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.2
 167 14.9 11.3 16.9



#14
 Pentachlorophenol
 Concen: 0.492 ng/ul
 RT: 16.888 min Scan# 3033
 Delta R.T. -0.005 min
 Lab File: BN020793.D
 Acq: 20 Jul 2022 03:04

Tgt Ion:266 Resp: 1052
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.6 77.4
 268 64.4 51.5 77.3

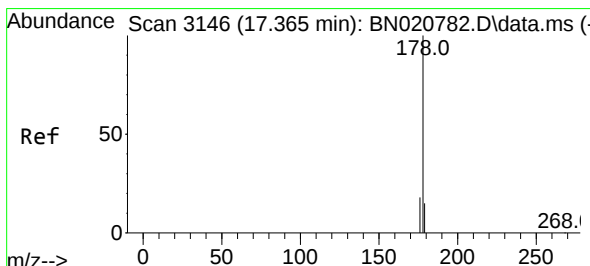
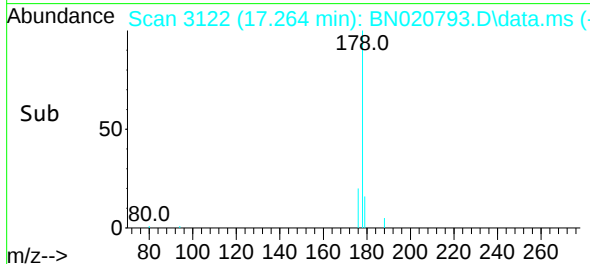
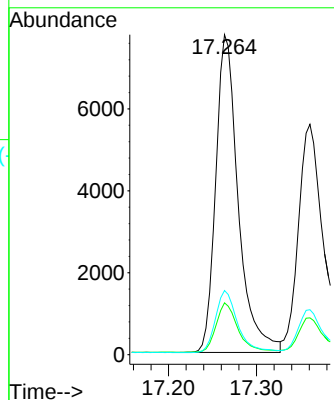
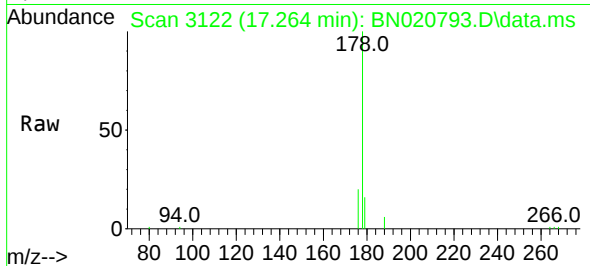




#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.264 min Scan# 3122
Delta R.T. -0.001 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

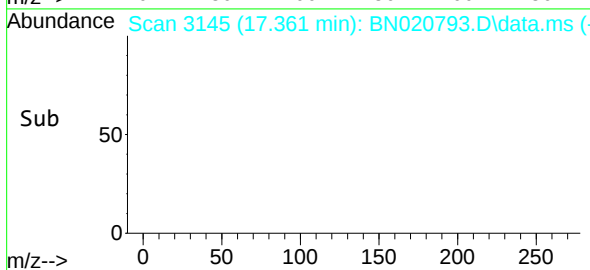
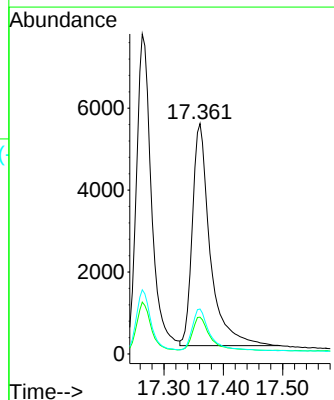
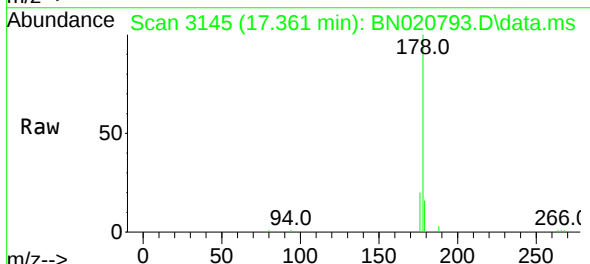
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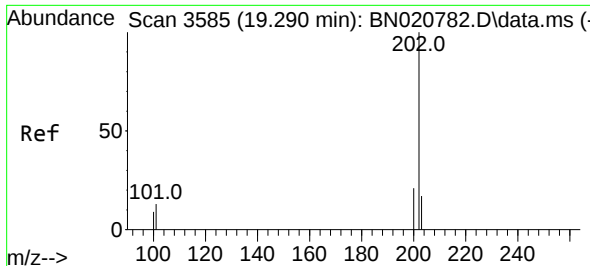
Tgt Ion:178 Resp: 13792
Ion Ratio Lower Upper
178 100
179 16.2 12.6 18.8
176 20.1 15.8 23.6



#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.361 min Scan# 3145
Delta R.T. -0.001 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:178 Resp: 11254
Ion Ratio Lower Upper
178 100
179 16.0 12.8 19.2
176 19.5 15.2 22.8

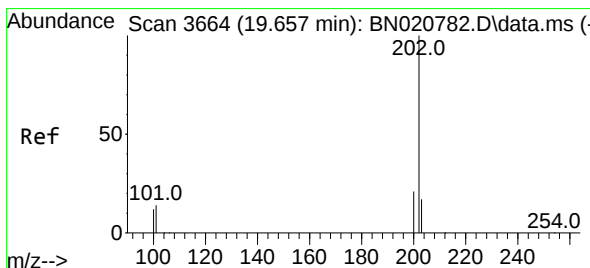
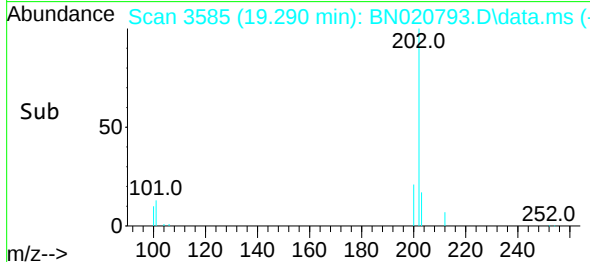
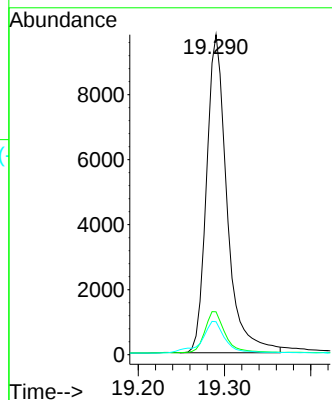
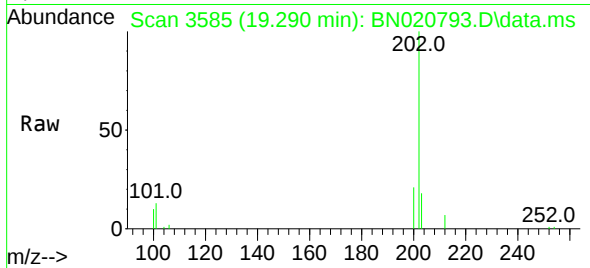




#19
Fluoranthene
Concen: 0.336 ng/ul
RT: 19.290 min Scan# 3585
Delta R.T. -0.001 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

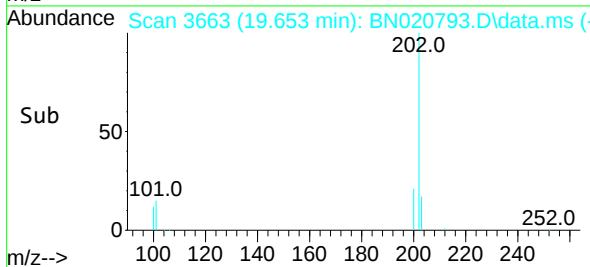
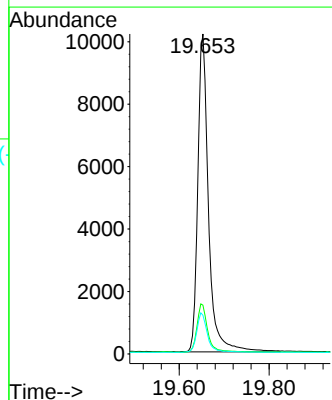
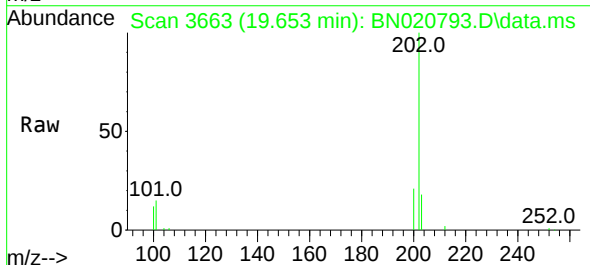
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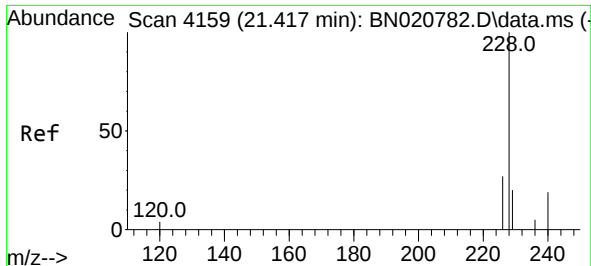
Tgt Ion:	202	Resp:	16199
Ion Ratio	Lower	Upper	
202	100		
101	13.4	10.3	15.5
100	10.3	7.8	11.6



#20
Pyrene
Concen: 0.338 ng/ul
RT: 19.653 min Scan# 3663
Delta R.T. -0.001 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:	202	Resp:	16926
Ion Ratio	Lower	Upper	
202	100		
101	15.3	11.6	17.4
100	12.1	9.2	13.8

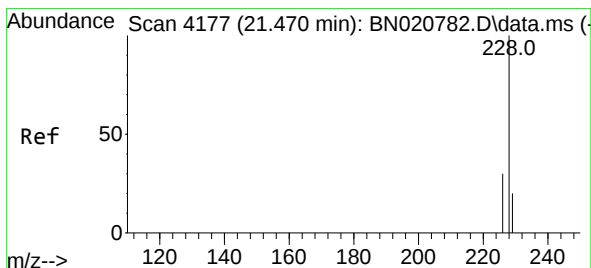
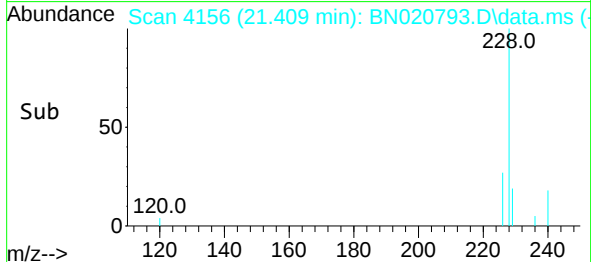
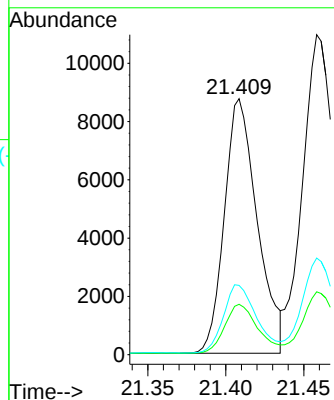
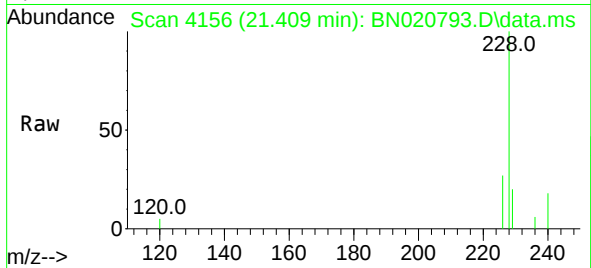




#21
Benzo(a)anthracene
Concen: 0.338 ng/ul
RT: 21.409 min Scan# 4159
Delta R.T. -0.007 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

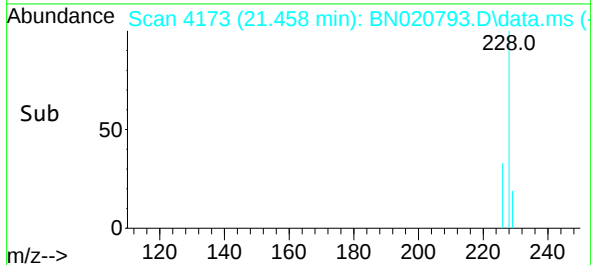
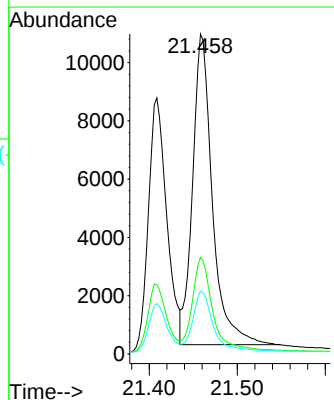
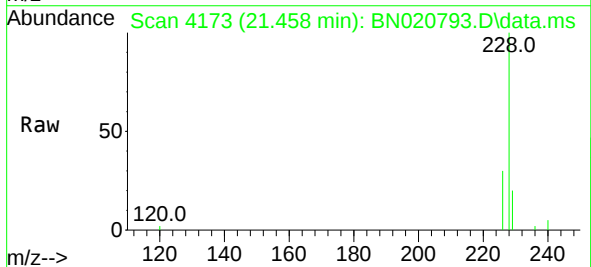
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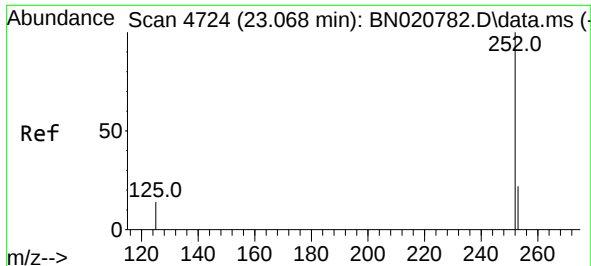
Tgt Ion:228 Resp: 12824
Ion Ratio Lower Upper
228 100
229 19.7 15.9 23.9
226 27.1 22.2 33.2



#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.458 min Scan# 4173
Delta R.T. -0.009 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:228 Resp: 16669
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 19.6 15.8 23.8

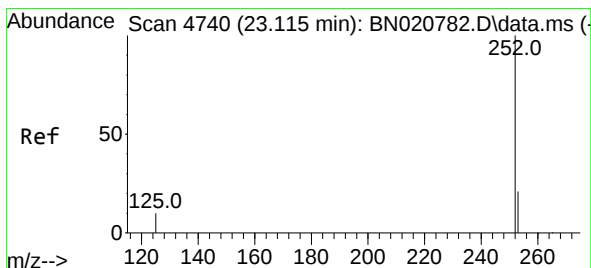
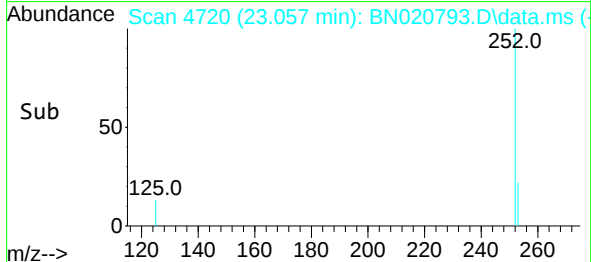
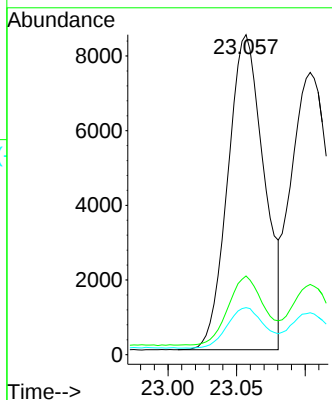
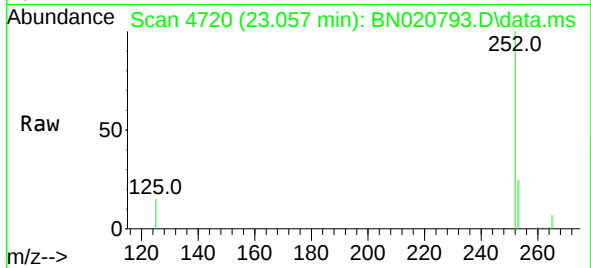




#24
Benzo(b)fluoranthene
Concen: 0.385 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.007 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

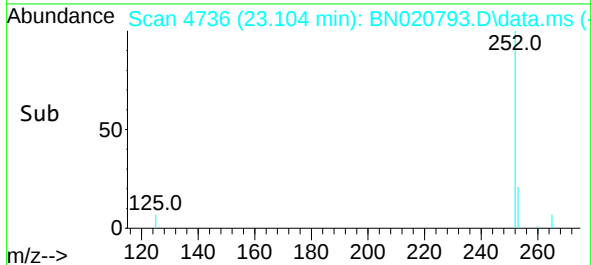
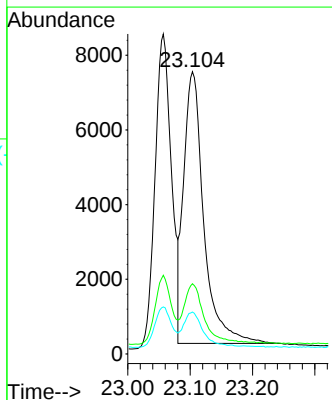
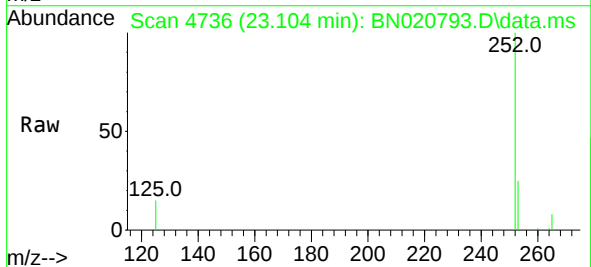
Instrument :
BNA_N
ClientSampleId :
SLCS299

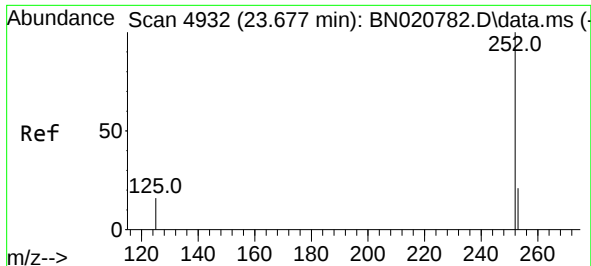
Tgt Ion:252	Resp:	15510
Ion Ratio	Lower	Upper
252	100	
253	24.6	0.0 48.6
125	14.7	0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.401 ng/ul
RT: 23.104 min Scan# 4736
Delta R.T. -0.009 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:252	Resp:	16307
Ion Ratio	Lower	Upper
252	100	
253	24.9	19.7 29.5
125	14.8	12.0 18.0

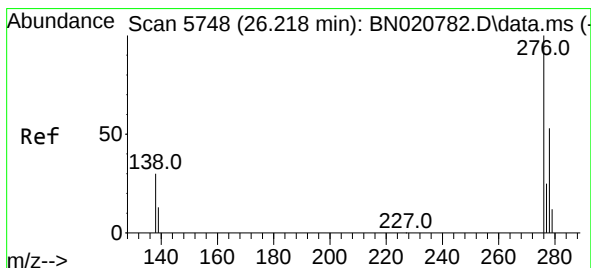
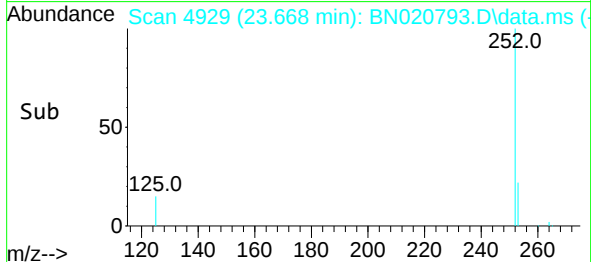
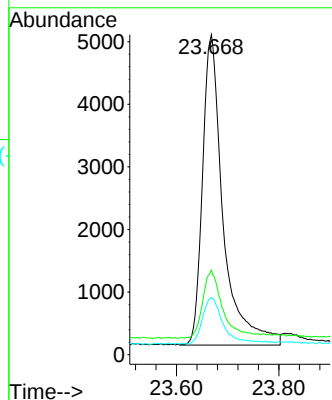
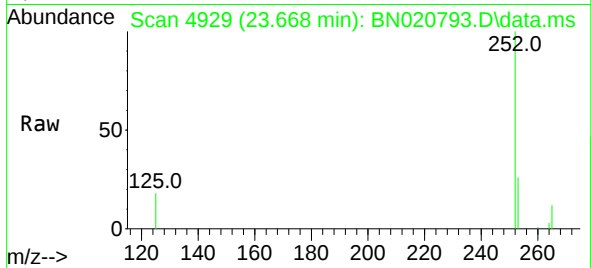




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.668 min Scan# 4932
Delta R.T. -0.007 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

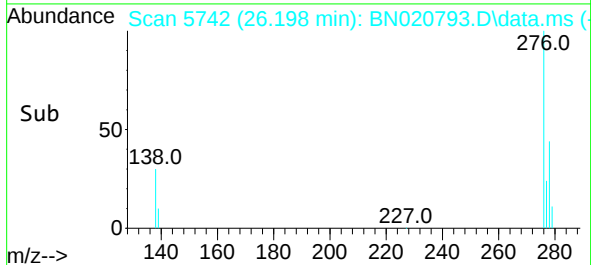
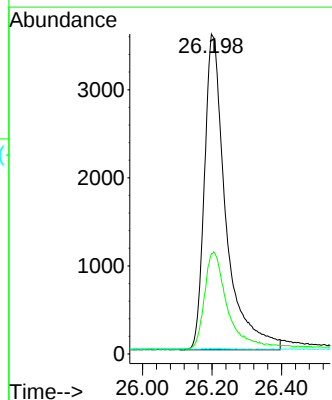
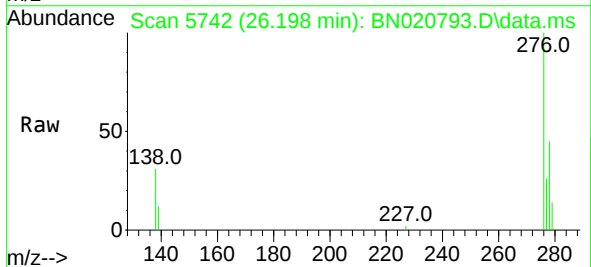
Instrument :
BNA_N
ClientSampleId :
SLCS299

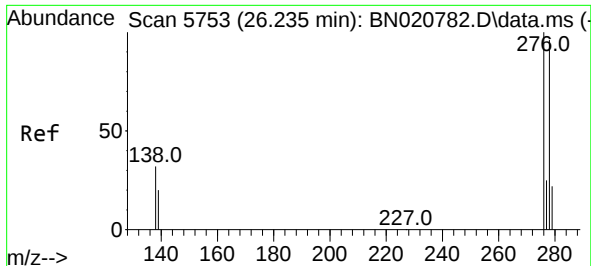
Tgt Ion:252 Resp: 13883
Ion Ratio Lower Upper
252 100
253 26.4 21.0 31.4
125 17.9 18.8 28.2#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.420 ng/ul
RT: 26.198 min Scan# 5742
Delta R.T. -0.017 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:276 Resp: 15314
Ion Ratio Lower Upper
276 100
138 33.2 27.4 41.2
227 0.0 0.2 0.2#

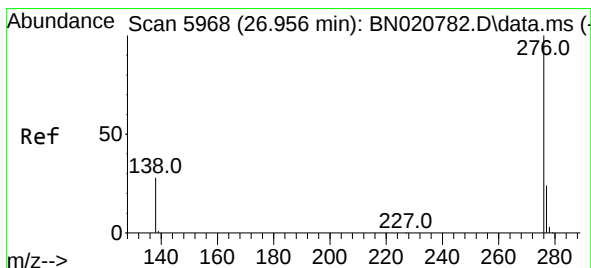
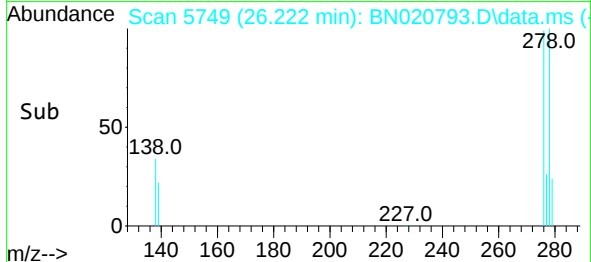
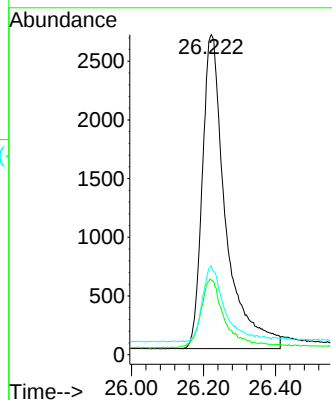
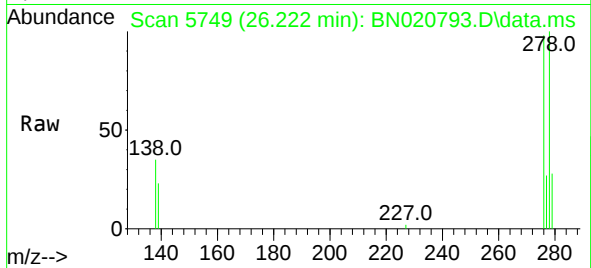




#28
Dibenzo(a,h)anthracene
Concen: 0.409 ng/ul
RT: 26.222 min Scan# 51
Delta R.T. -0.011 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Instrument :
BNA_N
ClientSampleId :
SLCS299

Tgt Ion:278 Resp: 12048
Ion Ratio Lower Upper
278 100
139 23.3 18.8 28.2
279 27.8 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.458 ng/ul
RT: 26.939 min Scan# 5963
Delta R.T. -0.011 min
Lab File: BN020793.D
Acq: 20 Jul 2022 03:04

Tgt Ion:276 Resp: 14329
Ion Ratio Lower Upper
276 100
138 29.3 23.5 35.3
277 24.7 20.1 30.1

