

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063022\
 Data File : BN020590.D
 Acq On : 30 Jun 2022 13:16
 Operator : CG/JU
 Sample : PB145836BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS836

Quant Time: Jun 30 15:40:03 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)

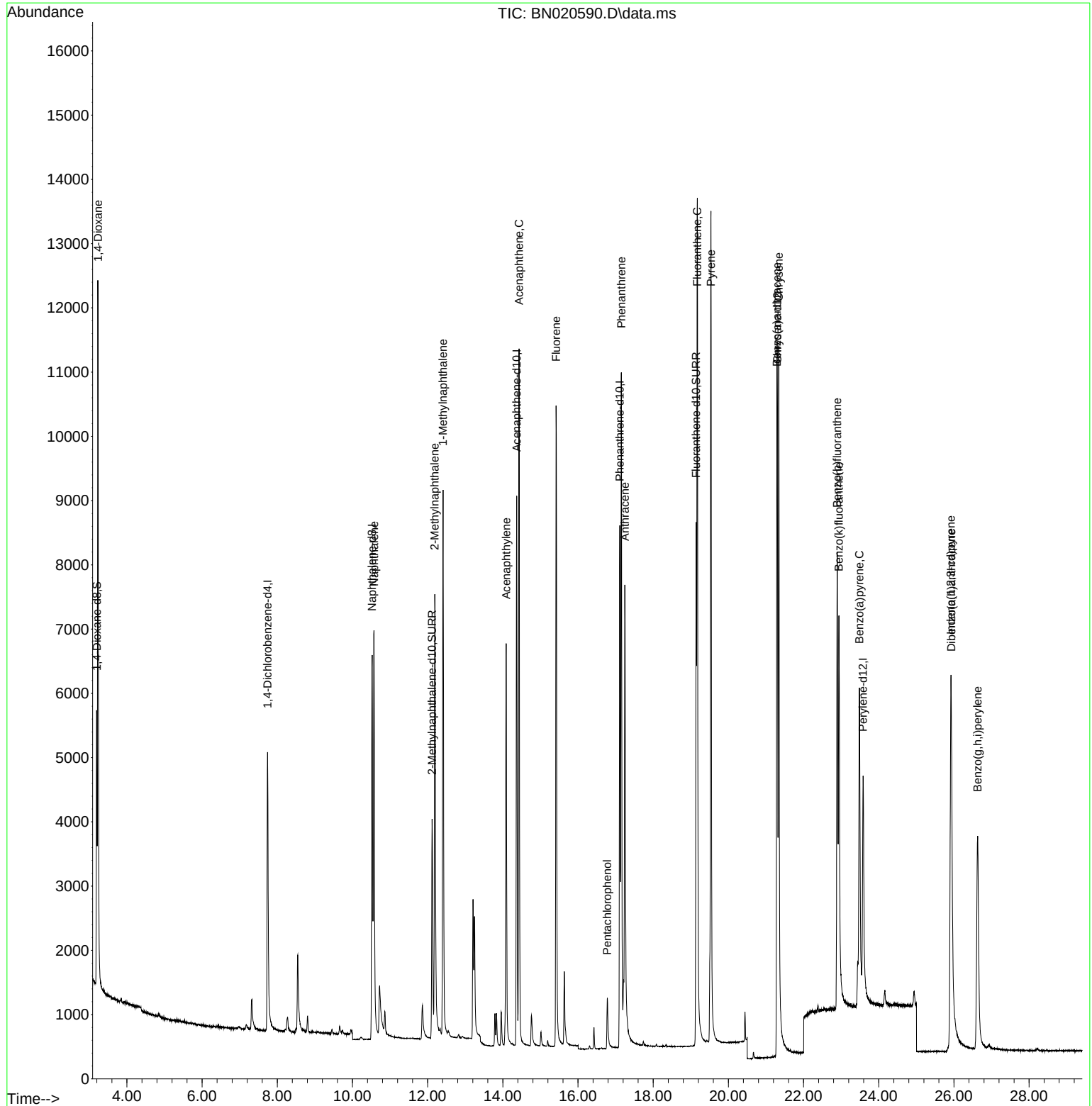
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	3110	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.524	136	9623	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.368	164	5133	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.111	188	10037	0.400	ng/ul	0.00
17) Chrysene-d12	21.303	240	7357	0.400	ng/ul	0.00
23) Perylene-d12	23.583	264	5570	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.197	96	2756	0.765	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	5354	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.141	212	10335	0.426	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.231	88	7142	1.941	ng/ul#	81
5) Naphthalene	10.573	128	10084	0.339	ng/ul	100
7) 2-Methylnaphthalene	12.190	142	6099	0.307	ng/ul	99
8) 1-Methylnaphthalene	12.410	142	6563	0.348	ng/ul	100
10) Acenaphthylene	14.090	152	8268	0.340	ng/ul	100
11) Acenaphthene	14.432	153	6698	0.344	ng/ul	99
12) Fluorene	15.418	166	7396	0.320	ng/ul	99
14) Pentachlorophenol	16.778	266	757	0.374	ng/ul	99
15) Phenanthrene	17.154	178	12349	0.354	ng/ul	100
16) Anthracene	17.247	178	10034	0.333	ng/ul	99
19) Fluoranthene	19.174	202	13241	0.394	ng/ul	100
20) Pyrene	19.536	202	13495	0.387	ng/ul	99
21) Benzo(a)anthracene	21.289	228	8748	0.331	ng/ul	99
22) Chrysene	21.341	228	11003	0.374	ng/ul	99
24) Benzo(b)fluoranthene	22.896	252	9424	0.366	ng/ul	98
25) Benzo(k)fluoranthene	22.940	252	9844	0.378	ng/ul	98
26) Benzo(a)pyrene	23.484	252	8688	0.371	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.920	276	9080	0.390	ng/ul#	41
28) Dibenzo(a,h)anthracene	25.930	278	7249	0.385	ng/ul	98
29) Benzo(g,h,i)perylene	26.631	276	8255	0.413	ng/ul	99

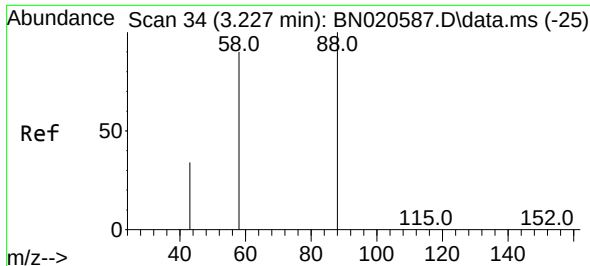
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063022\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:17:34 2022
Response via : Initial Calibration

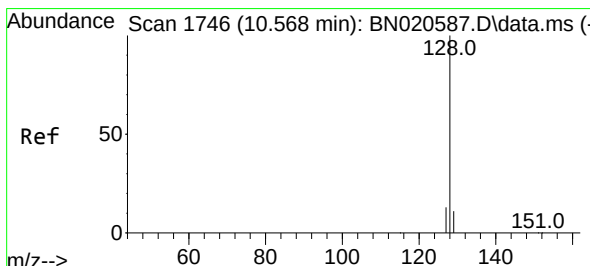
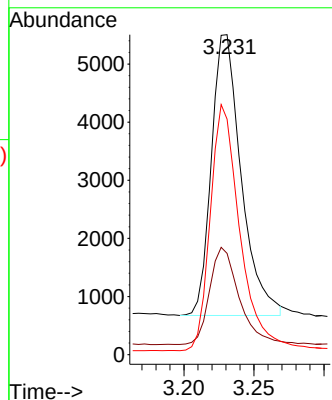
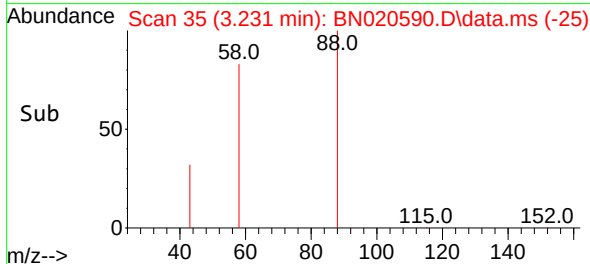
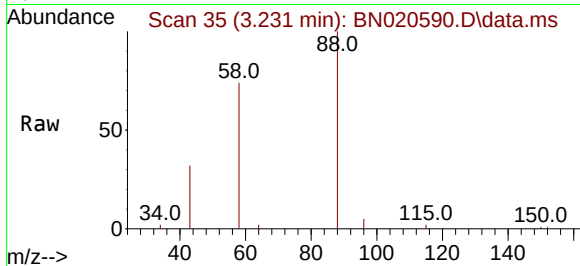




#2
1,4-Dioxane
Concen: 1.941 ng/ul
RT: 3.231 min Scan# 31
Delta R.T. -0.008 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

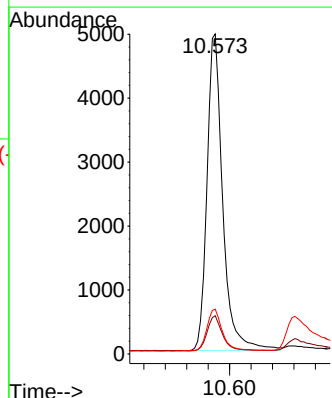
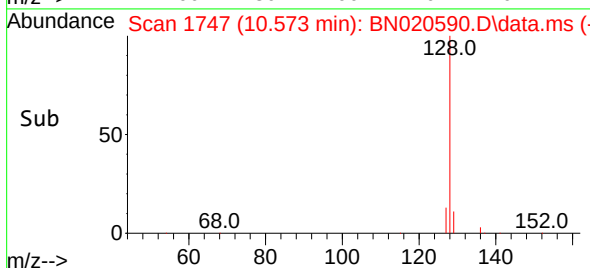
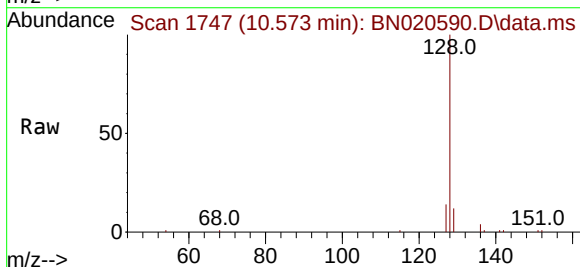
Instrument :
BNA_N
ClientSampleId :
SLCS836

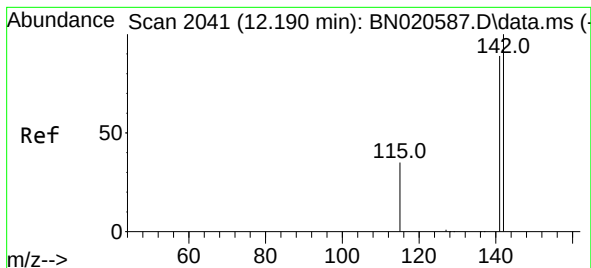
Tgt Ion: 88 Resp: 7142
Ion Ratio Lower Upper
88 100
43 31.7 32.5 48.7#
58 73.6 46.2 69.2#



#5
Naphthalene
Concen: 0.339 ng/ul
RT: 10.573 min Scan# 1747
Delta R.T. -0.010 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:128 Resp: 10084
Ion Ratio Lower Upper
128 100
129 12.0 9.5 14.3
127 14.0 11.3 16.9

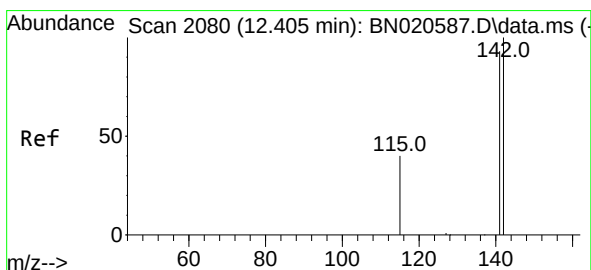
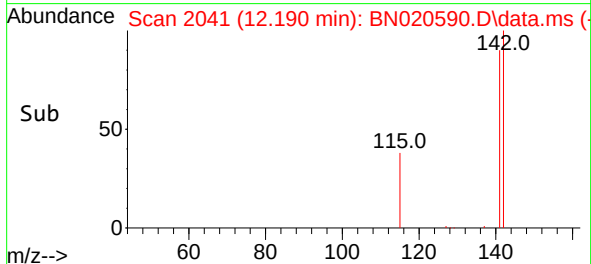
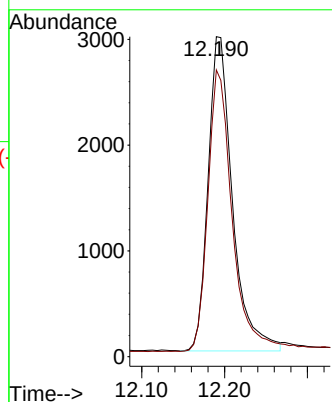
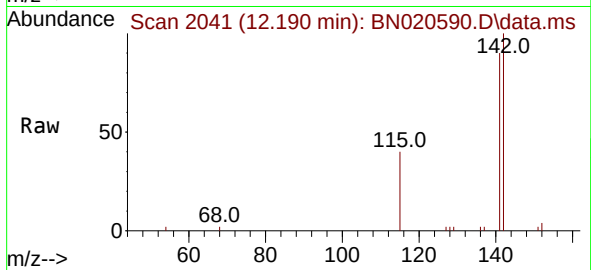




#7
2-Methylnaphthalene
Concen: 0.307 ng/ul
RT: 12.190 min Scan# 2041
Delta R.T. -0.015 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

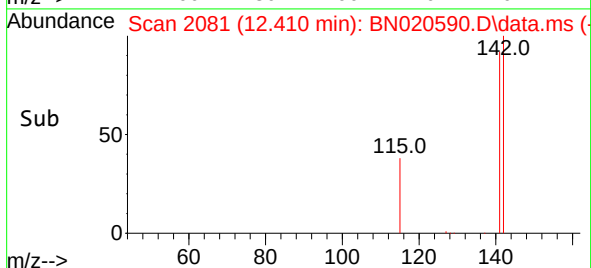
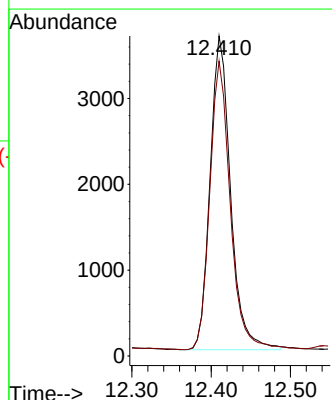
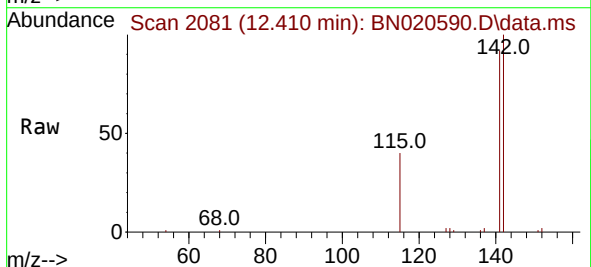
Instrument :
BNA_N
ClientSampleId :
SLCS836

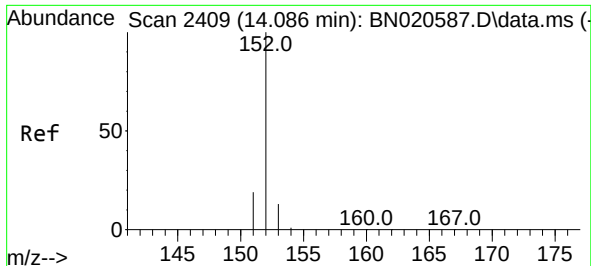
Tgt Ion:142 Resp: 6099
Ion Ratio Lower Upper
142 100
141 89.5 72.1 108.1



#8
1-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.410 min Scan# 2081
Delta R.T. -0.010 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:142 Resp: 6563
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5

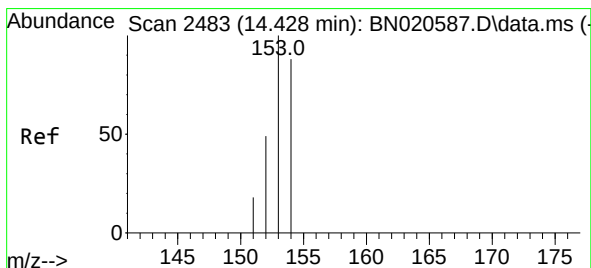
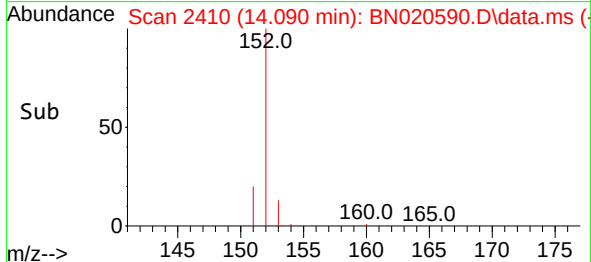
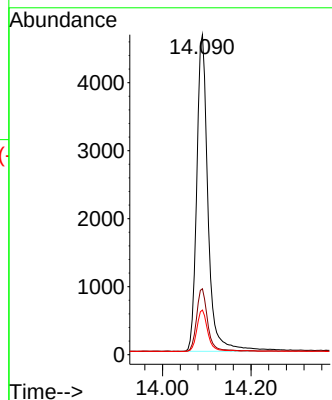
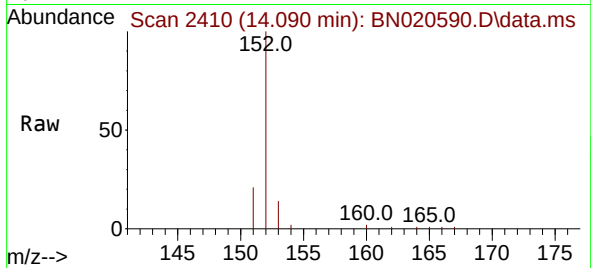




#10
Acenaphthylene
Concen: 0.340 ng/ul
RT: 14.090 min Scan# 2410
Delta R.T. -0.008 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

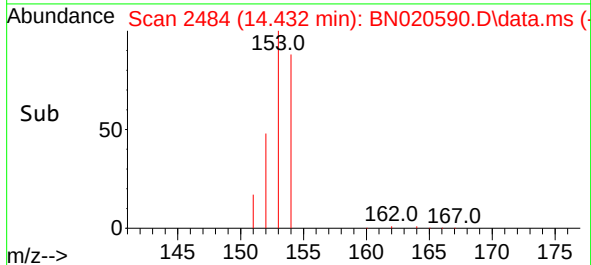
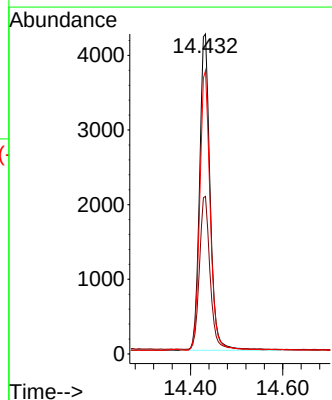
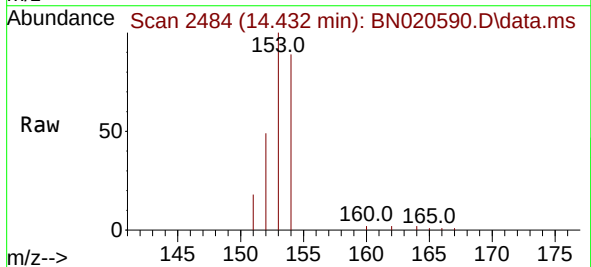
Instrument :
BNA_N
ClientSampleId :
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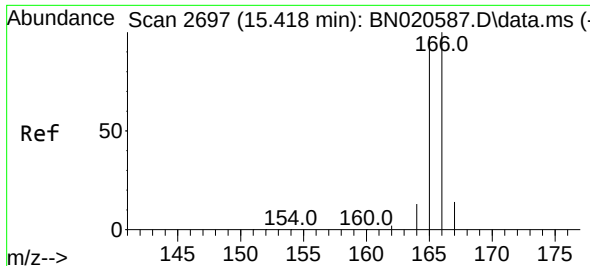
Tgt Ion:152 Resp: 8268
Ion Ratio Lower Upper
152 100
151 20.6 16.5 24.7
153 14.0 11.1 16.7



#11
Acenaphthene
Concen: 0.344 ng/ul
RT: 14.432 min Scan# 2484
Delta R.T. -0.008 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:153 Resp: 6698
Ion Ratio Lower Upper
153 100
152 49.3 40.0 60.0
154 88.6 70.0 105.0

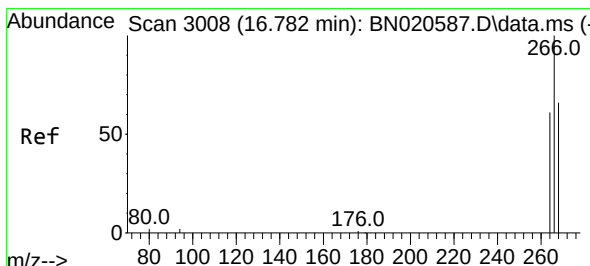
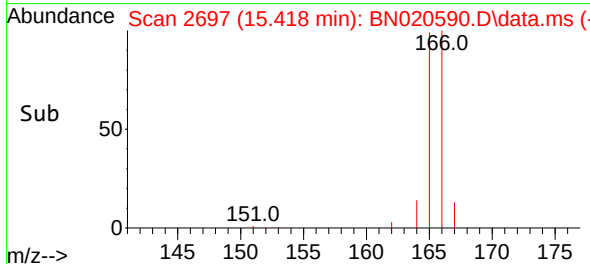
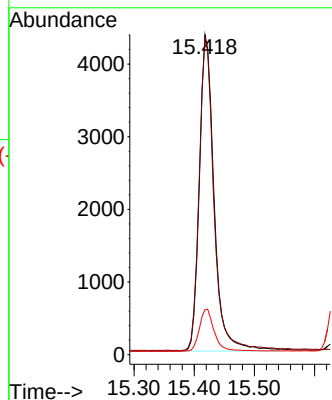
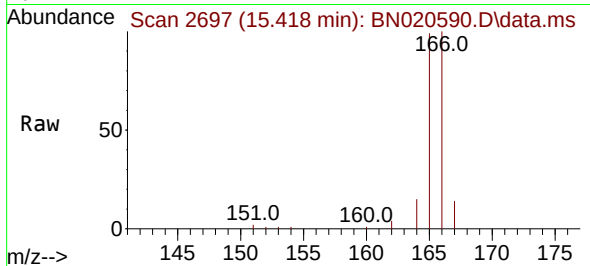




#12
Fluorene
Concen: 0.320 ng/ul
RT: 15.418 min Scan# 2697
Delta R.T. -0.012 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

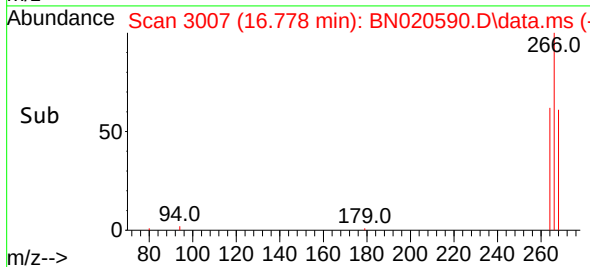
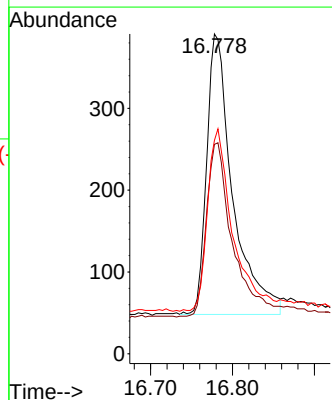
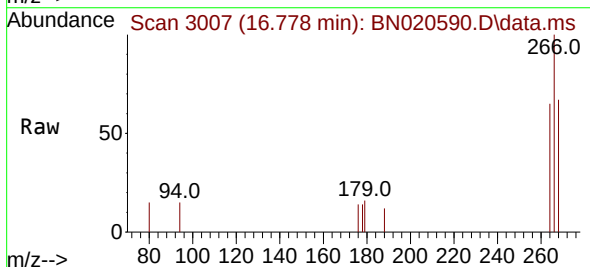
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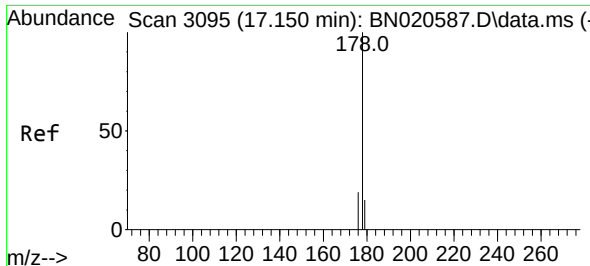
Tgt Ion:166 Resp: 7396
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 14.1 11.3 16.9



#14
Pentachlorophenol
Concen: 0.374 ng/ul
RT: 16.778 min Scan# 3007
Delta R.T. -0.007 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:266 Resp: 757
Ion Ratio Lower Upper
266 100
264 63.4 51.6 77.4
268 64.5 51.5 77.3

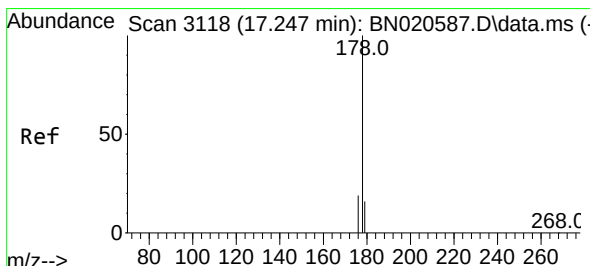
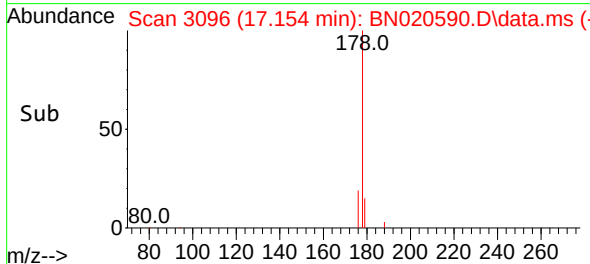
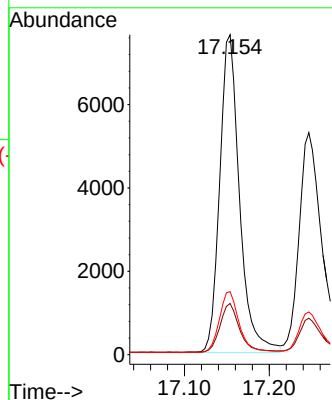
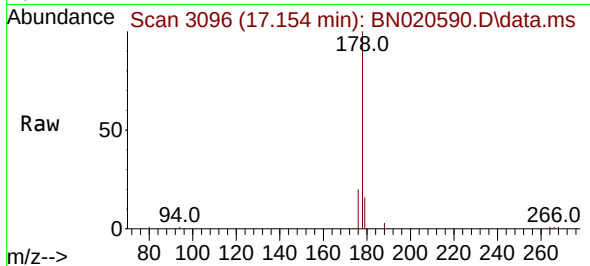




#15
Phenanthrene
Concen: 0.354 ng/ul
RT: 17.154 min Scan# 3095
Delta R.T. -0.007 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

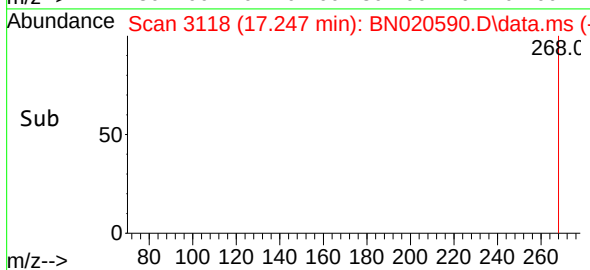
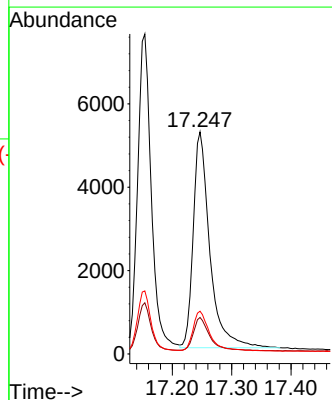
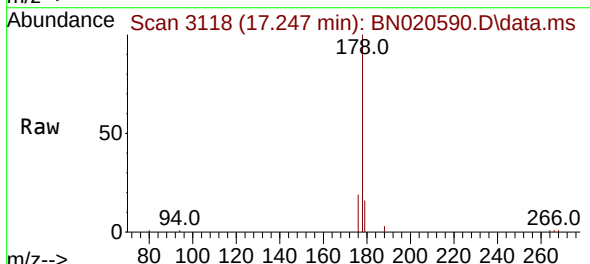
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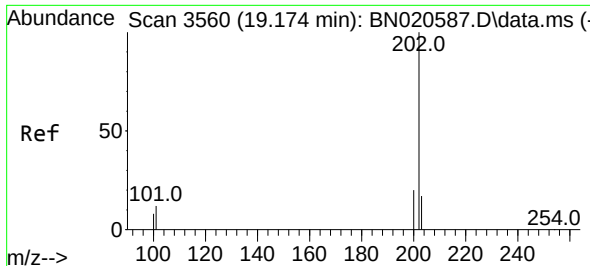
Tgt Ion:178 Resp: 12349
Ion Ratio Lower Upper
178 100
179 16.0 12.6 18.8
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.247 min Scan# 3118
Delta R.T. -0.007 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:178 Resp: 10034
Ion Ratio Lower Upper
178 100
179 16.4 12.8 19.2
176 19.3 15.2 22.8

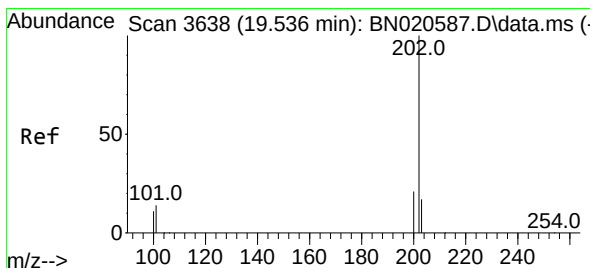
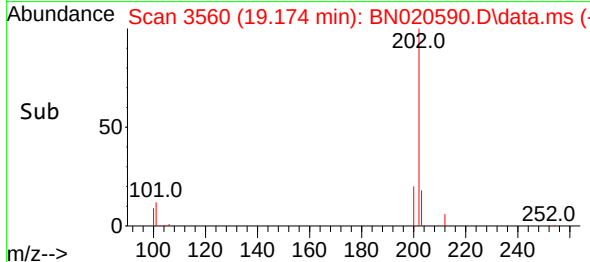
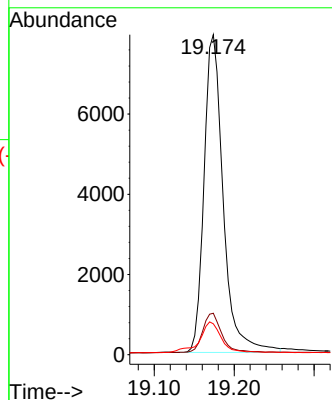
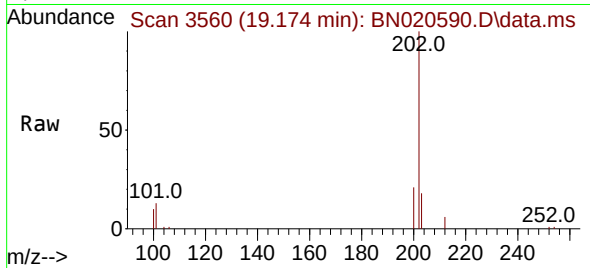




#19
Fluoranthene
Concen: 0.394 ng/ul
RT: 19.174 min Scan# 3560
Delta R.T. -0.007 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

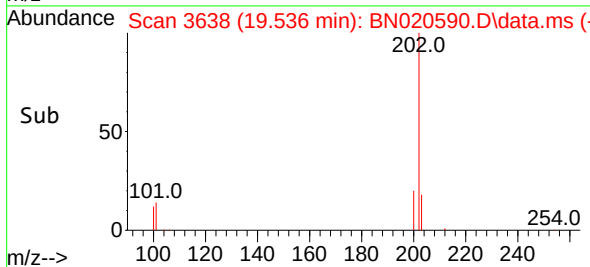
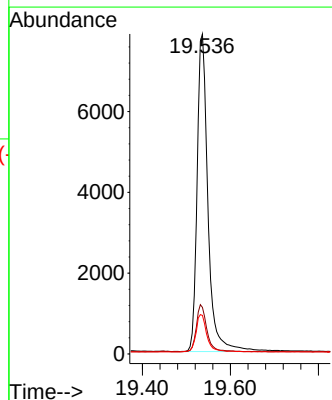
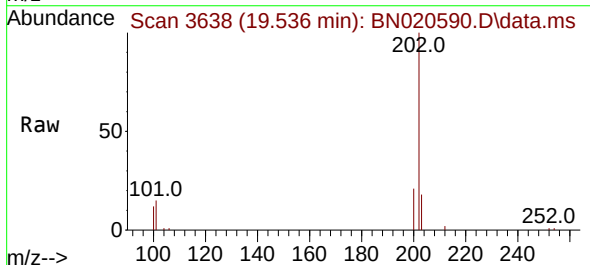
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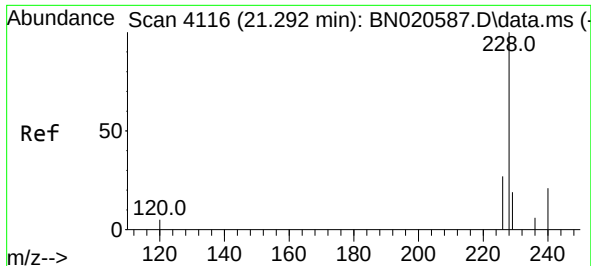
Tgt Ion:202 Resp: 13241
Ion Ratio Lower Upper
202 100
101 12.9 10.3 15.5
100 9.7 7.8 11.6



#20
Pyrene
Concen: 0.387 ng/ul
RT: 19.536 min Scan# 3638
Delta R.T. -0.007 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:202 Resp: 13495
Ion Ratio Lower Upper
202 100
101 14.6 11.6 17.4
100 12.1 9.2 13.8

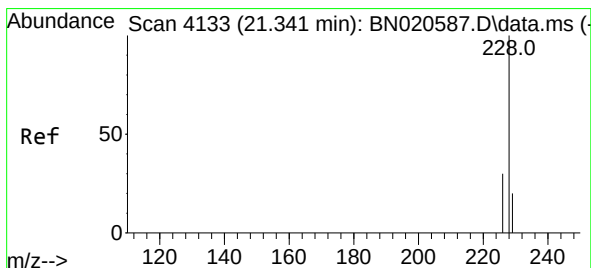
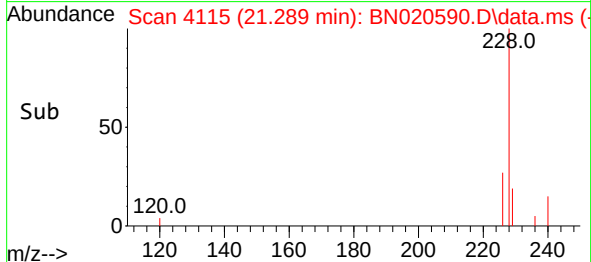
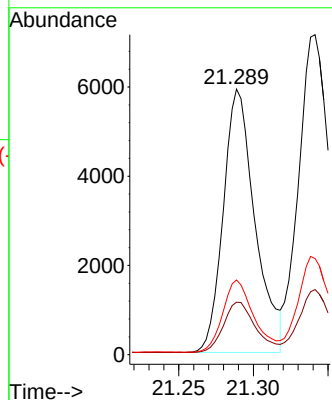
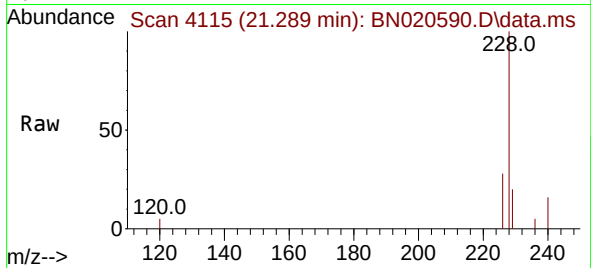




#21
Benzo(a)anthracene
Concen: 0.331 ng/ul
RT: 21.289 min Scan# 4116
Delta R.T. -0.006 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

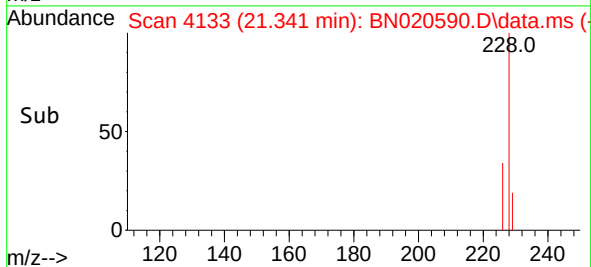
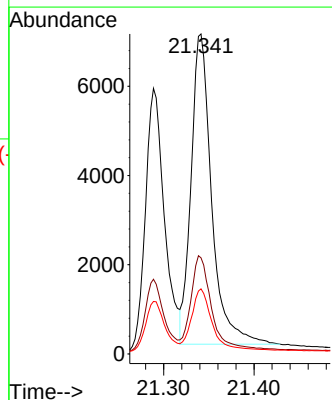
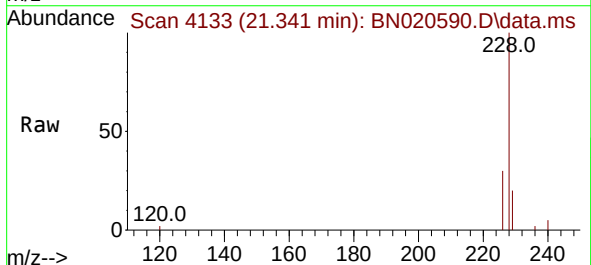
Instrument :
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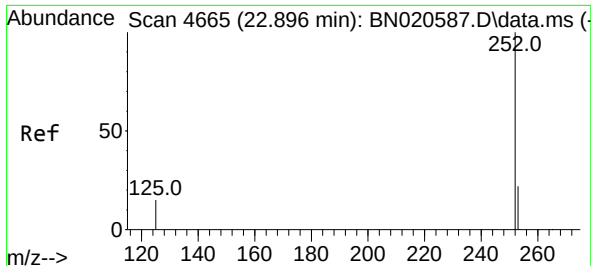
Tgt Ion:228 Resp: 8748
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.1 22.2 33.2



#22
Chrysene
Concen: 0.374 ng/ul
RT: 21.341 min Scan# 4133
Delta R.T. -0.006 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:228 Resp: 11003
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 20.3 15.8 23.8

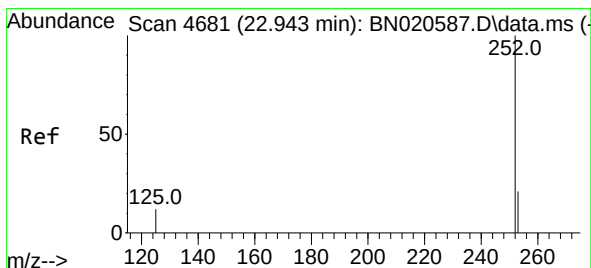
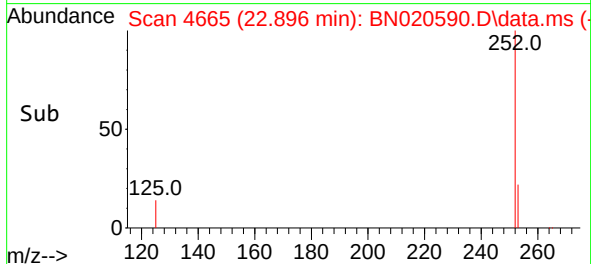
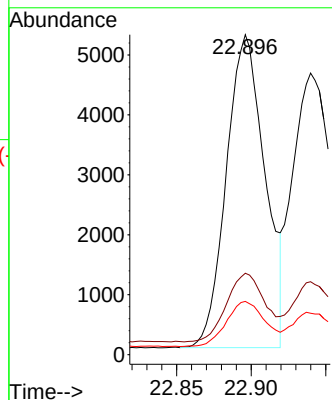
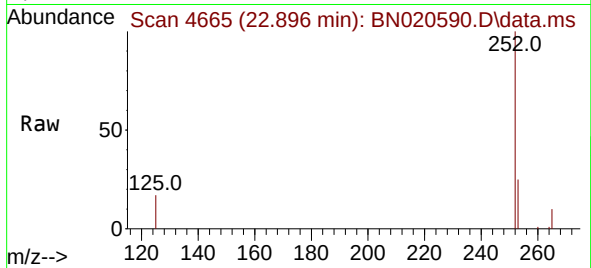




#24
Benzo(b)fluoranthene
Concen: 0.366 ng/ul
RT: 22.896 min Scan# 4665
Delta R.T. -0.009 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

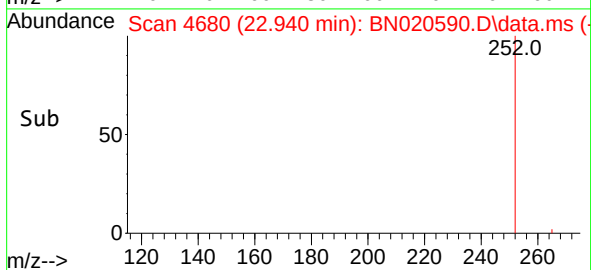
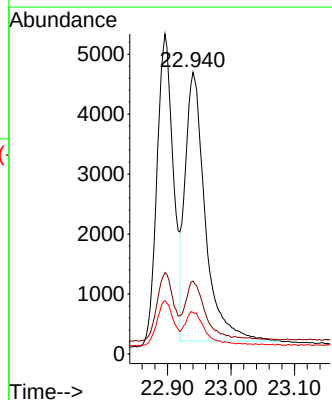
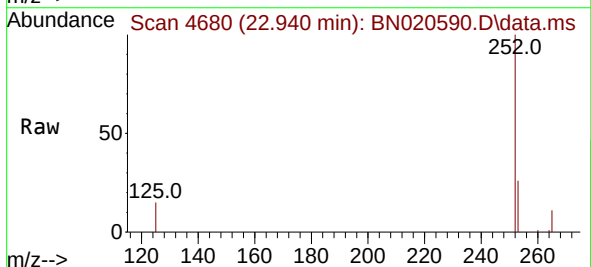
Instrument :
BNA_N
ClientSampleId :
SLCS836

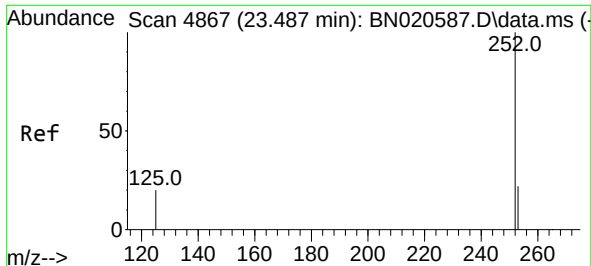
Tgt Ion:252 Resp: 9424
Ion Ratio Lower Upper
252 100
253 25.5 0.0 48.6
125 16.6 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.378 ng/ul
RT: 22.940 min Scan# 4680
Delta R.T. -0.012 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:252 Resp: 9844
Ion Ratio Lower Upper
252 100
253 25.9 19.7 29.5
125 14.7 12.0 18.0

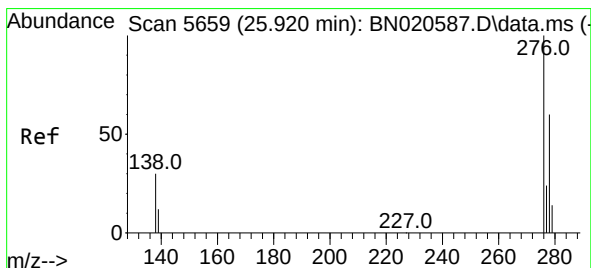
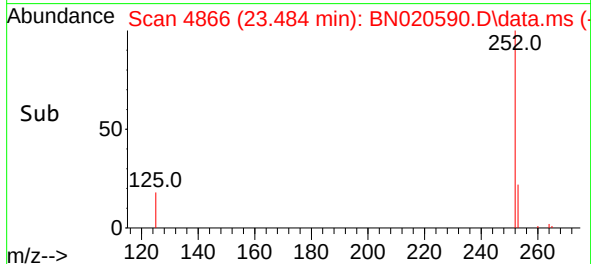
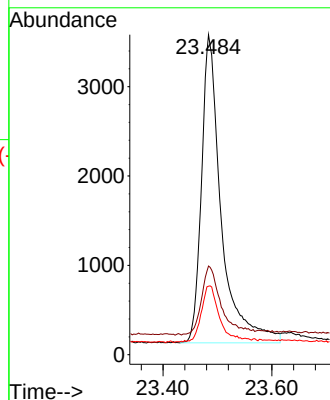
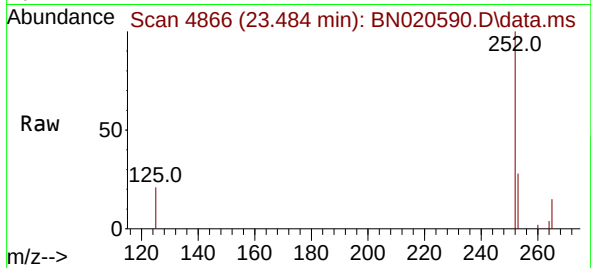




#26
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.484 min Scan# 4866
Delta R.T. -0.009 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

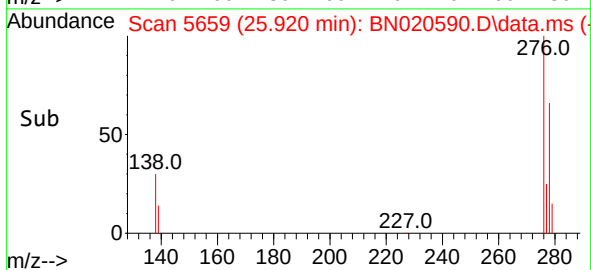
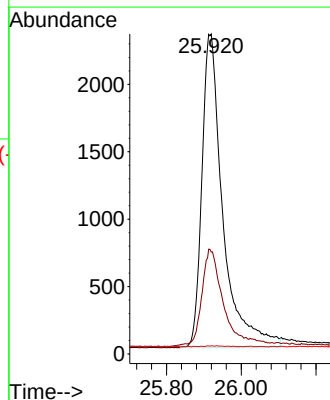
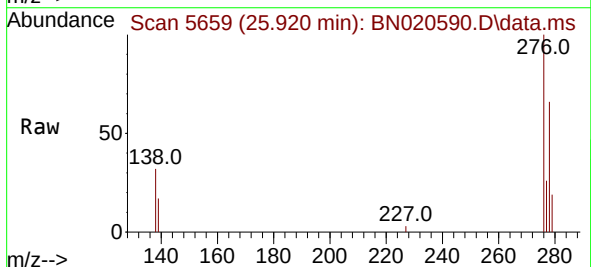
Instrument :
BNA_N
ClientSampleId :
SLCS836

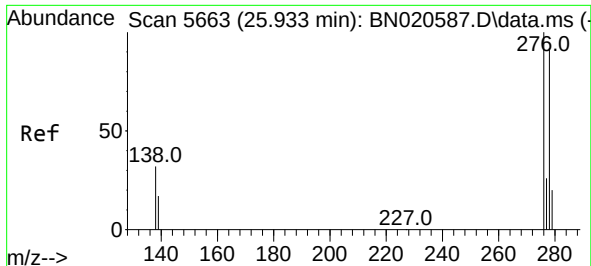
Tgt Ion:252 Resp: 8688
Ion Ratio Lower Upper
252 100
253 27.7 21.0 31.4
125 21.4 18.8 28.2



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.390 ng/ul
RT: 25.920 min Scan# 5659
Delta R.T. -0.013 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:276 Resp: 9080
Ion Ratio Lower Upper
276 100
138 0.0 27.4 41.2#
227 0.0 0.2 0.2#

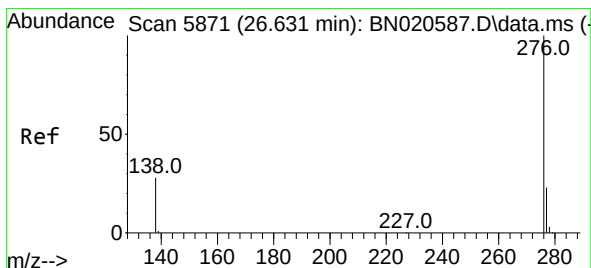
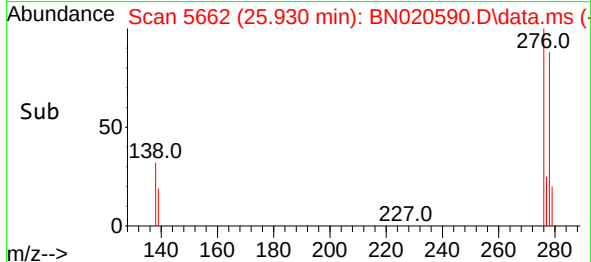
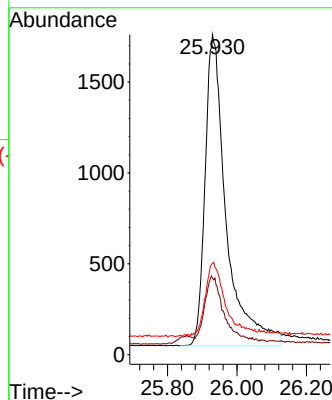
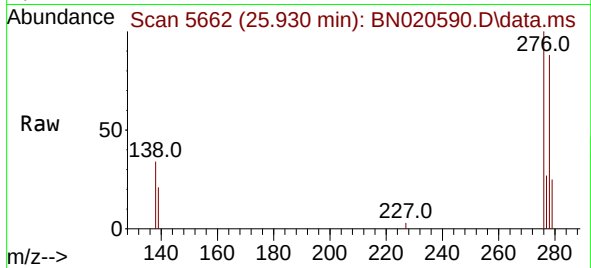




#28
Dibenzo(a,h)anthracene
Concen: 0.385 ng/ul
RT: 25.930 min Scan# 5663
Delta R.T. -0.020 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Instrument :
BNA_N
ClientSampleId :
SLCS836

Tgt Ion:278 Resp: 7249
Ion Ratio Lower Upper
278 100
139 23.9 18.8 28.2
279 28.6 21.4 32.0



#29
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.631 min Scan# 5871
Delta R.T. -0.017 min
Lab File: BN020590.D
Acq: 30 Jun 2022 13:16

Tgt Ion:276 Resp: 8255
Ion Ratio Lower Upper
276 100
138 29.3 23.5 35.3
277 26.3 20.1 30.1

