

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062022\
 Data File : BN020285.D
 Acq On : 20 Jun 2022 19:05
 Operator : CG/JU
 Sample : PB145543BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS543

Quant Time: Jun 21 02:38:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN061822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 20 01:13:51 2022
 Response via : Initial Calibration

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

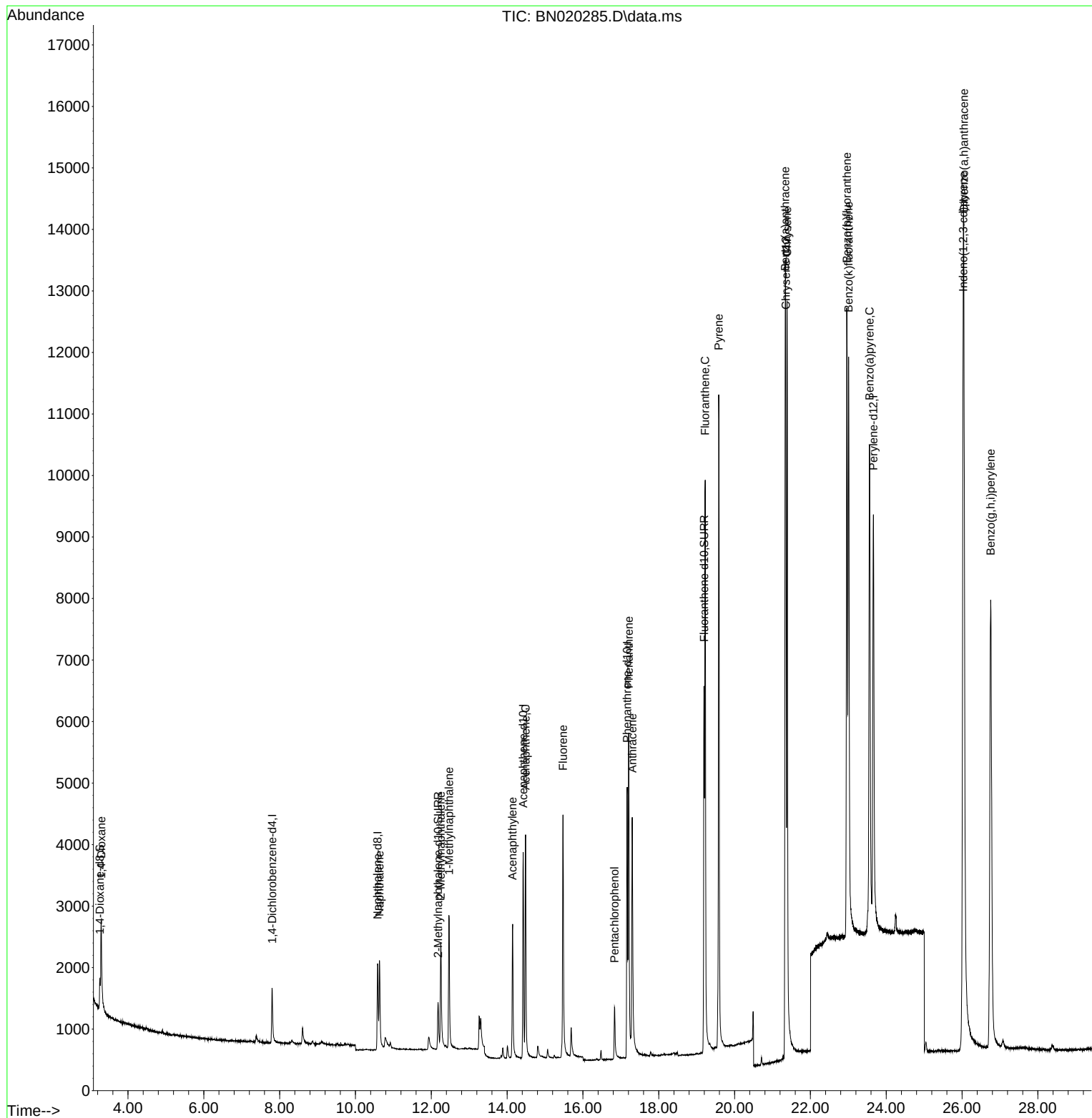
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	609	0.400	ng/ul	0.00
4) Naphthalene-d8	10.584	136	2474	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.423	164	2160	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.166	188	6032	0.400	ng/ul	0.00
17) Chrysene-d12	21.350	240	8769	0.400	ng/ul	0.00
23) Perylene-d12	23.662	264	10224	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	440	0.633	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.179	152	1388	0.339	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	7132	0.394	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.294	88	1100	1.643	ng/ul#	76
5) Naphthalene	10.634	128	2296	0.290	ng/ul	97
7) 2-Methylnaphthalene	12.251	142	1594	0.311	ng/ul	100
8) 1-Methylnaphthalene	12.471	142	1789	0.355	ng/ul	99
10) Acenaphthylene	14.146	152	3147	0.305	ng/ul	98
11) Acenaphthene	14.488	153	2514	0.255	ng/ul	97
12) Fluorene	15.473	166	3204	0.313	ng/ul	99
14) Pentachlorophenol	16.833	266	760	0.656	ng/ul	99
15) Phenanthrene	17.209	178	6464	0.296	ng/ul	100
16) Anthracene	17.302	178	5557	0.301	ng/ul	99
19) Fluoranthene	19.225	202	9195	0.260	ng/ul	98
20) Pyrene	19.583	202	10078	0.263	ng/ul	100
21) Benzo(a)anthracene	21.336	228	10157	0.298	ng/ul	99
22) Chrysene	21.385	228	11629	0.274	ng/ul	100
24) Benzo(b)fluoranthene	22.960	252	14220	0.195	ng/ul	96
25) Benzo(k)fluoranthene	23.007	252	13997	0.206	ng/ul	97
26) Benzo(a)pyrene	23.560	252	13926	0.301	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.034	276	19202	0.255	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.047	278	15410	0.257	ng/ul	98
29) Benzo(g,h,i)perylene	26.755	276	17291	0.260	ng/ul	99

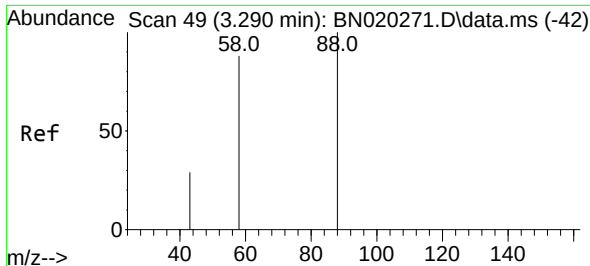
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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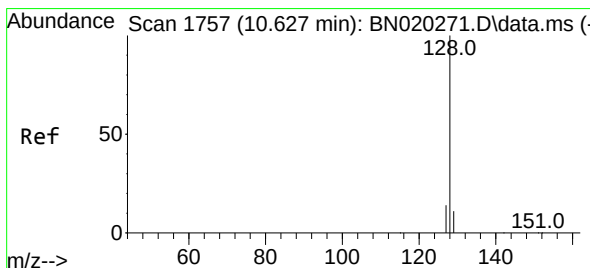
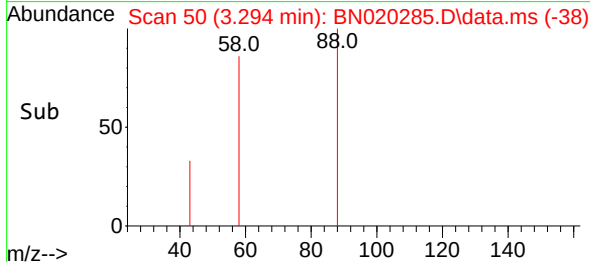
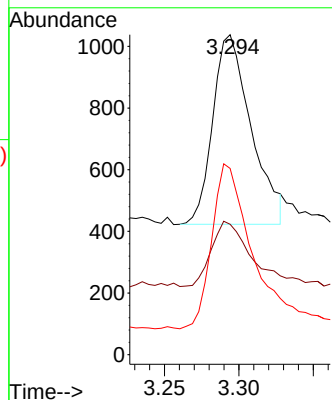
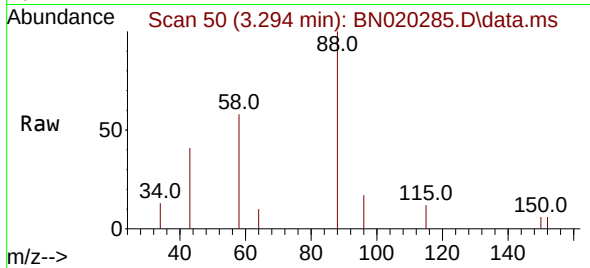




#2
 1,4-Dioxane
 Concen: 1.643 ng/ul
 RT: 3.294 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: BN020285.D
 Acq: 20 Jun 2022 19:05

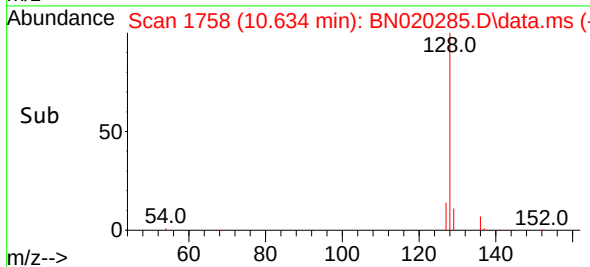
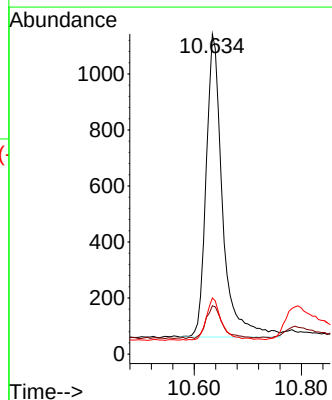
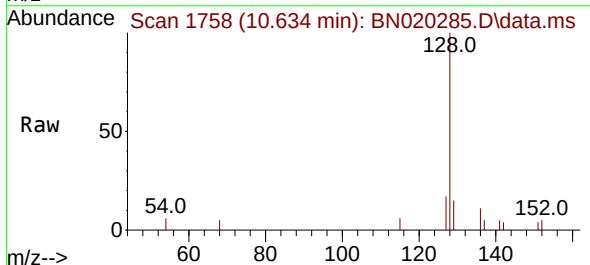
Instrument :
 BNA_N
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 SLCS543

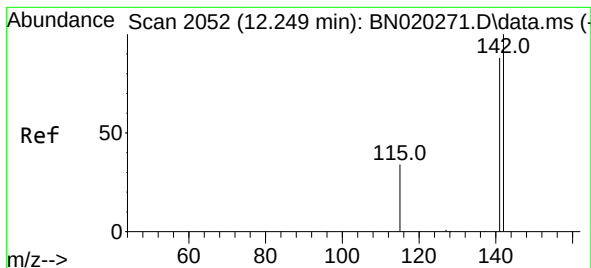
Tgt Ion: 88 Resp: 1100
 Ion Ratio Lower Upper
 88 100
 43 40.8 31.6 47.4
 58 58.2 23.8 35.6#



#5
 Naphthalene
 Concen: 0.290 ng/ul
 RT: 10.634 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: BN020285.D
 Acq: 20 Jun 2022 19:05

Tgt Ion: 128 Resp: 2296
 Ion Ratio Lower Upper
 128 100
 129 15.0 11.0 16.4
 127 17.5 12.8 19.2

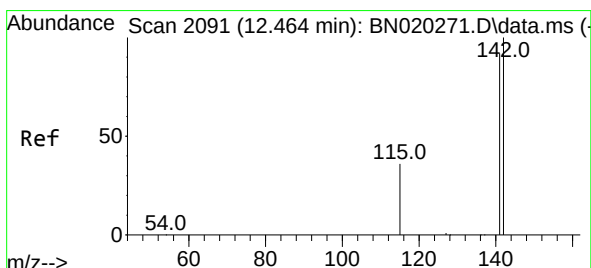
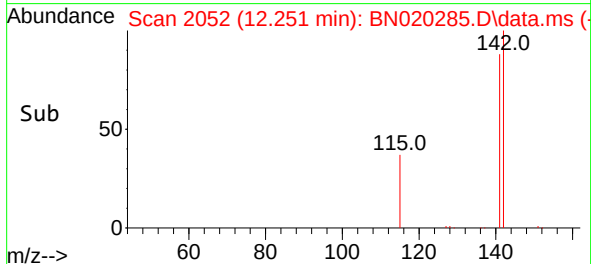
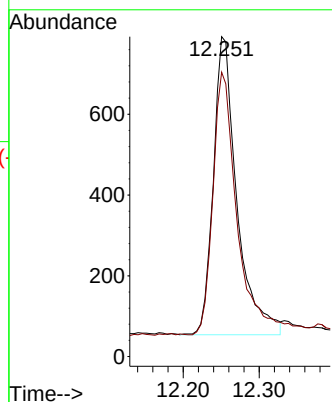
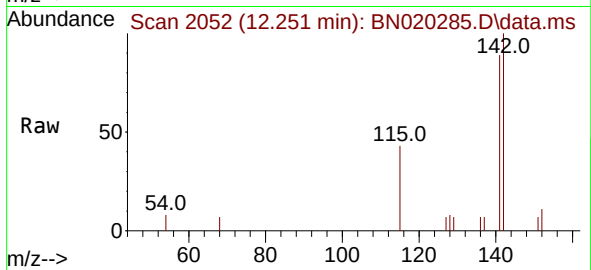




#7
2-Methylnaphthalene
Concen: 0.311 ng/ul
RT: 12.251 min Scan# 2052
Delta R.T. 0.000 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

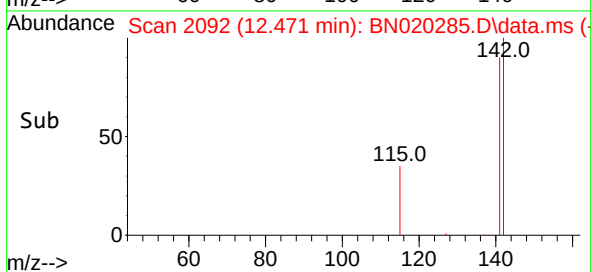
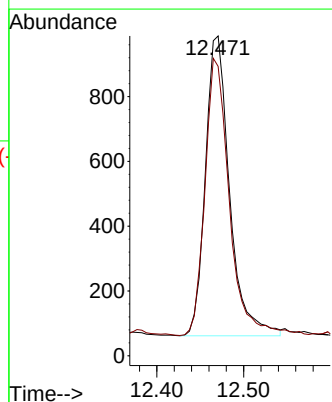
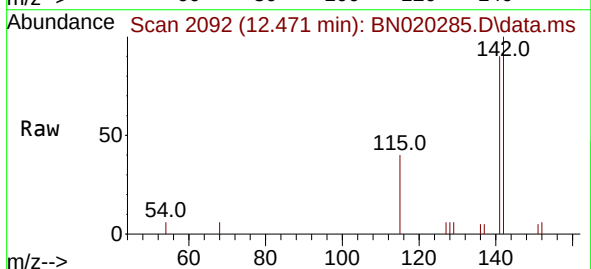
Instrument :
BNA_N
ClientSampleId :
SLCS543

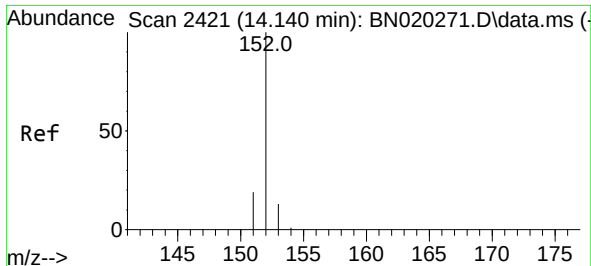
Tgt Ion:142 Resp: 1594
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.471 min Scan# 2092
Delta R.T. 0.006 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:142 Resp: 1789
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.0

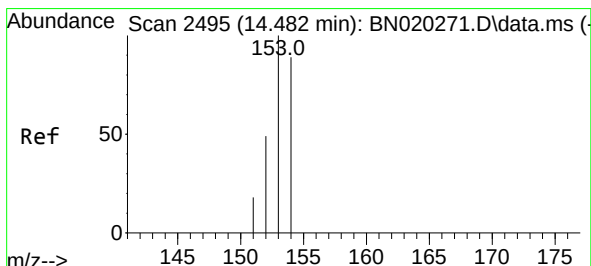
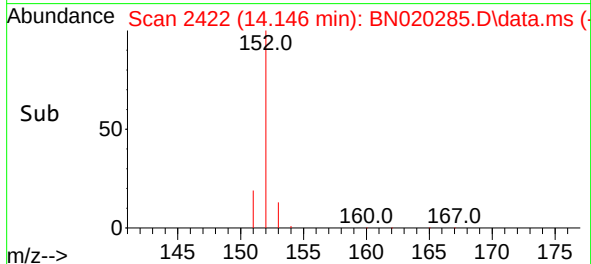
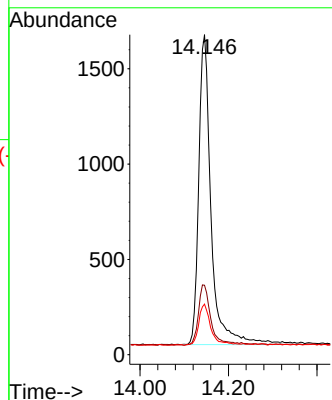
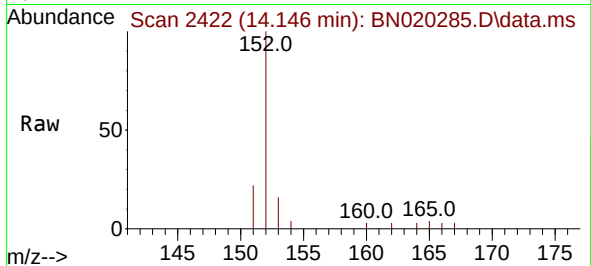




#10
Acenaphthylene
Concen: 0.305 ng/ul
RT: 14.146 min Scan# 2422
Delta R.T. 0.005 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

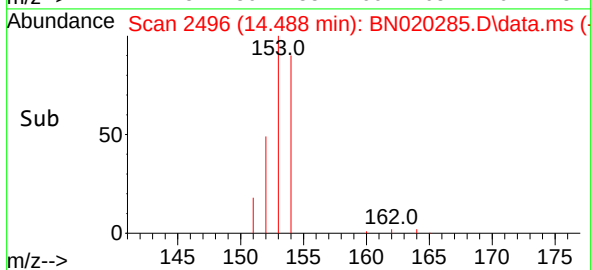
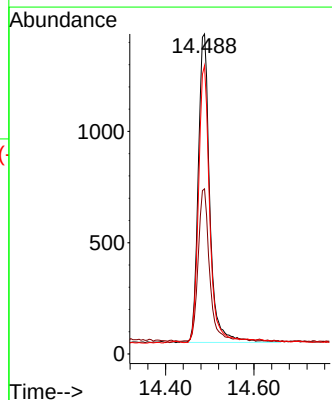
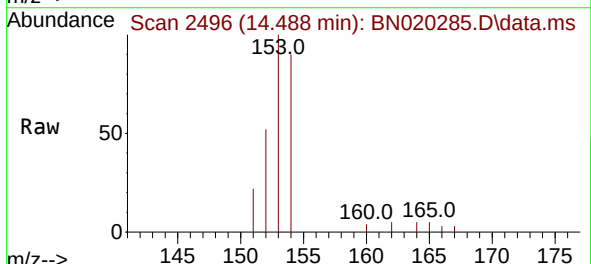
Instrument :
BNA_N
ClientSampleId :
SLCS543

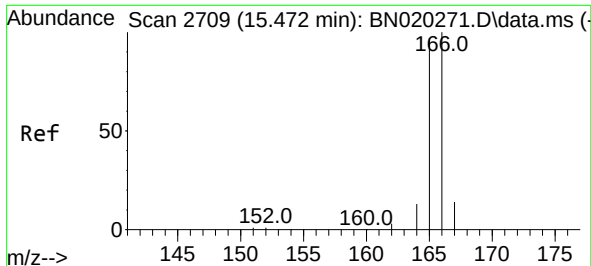
Tgt Ion:152 Resp: 3147
Ion Ratio Lower Upper
152 100
151 21.7 17.2 25.8
153 15.8 11.7 17.5



#11
Acenaphthene
Concen: 0.255 ng/ul
RT: 14.488 min Scan# 2496
Delta R.T. 0.005 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:153 Resp: 2514
Ion Ratio Lower Upper
153 100
152 51.6 39.9 59.9
154 90.1 69.2 103.8

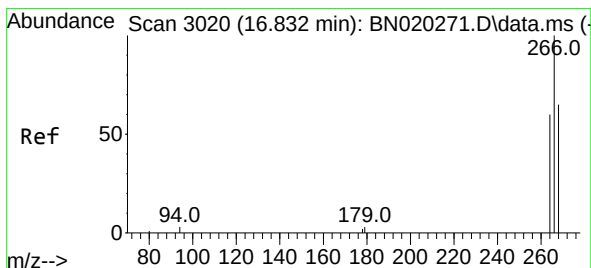
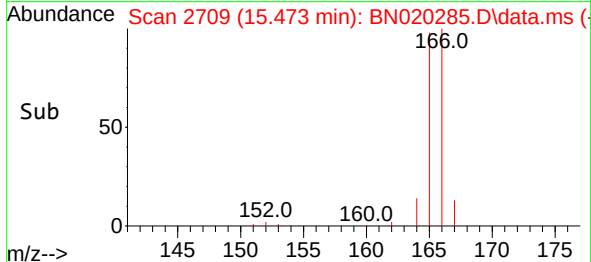
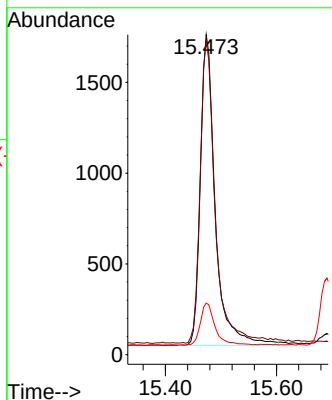
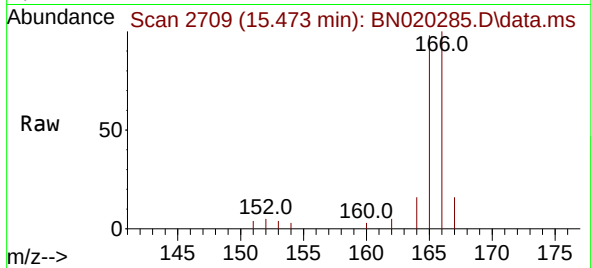




#12
Fluorene
Concen: 0.313 ng/ul
RT: 15.473 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

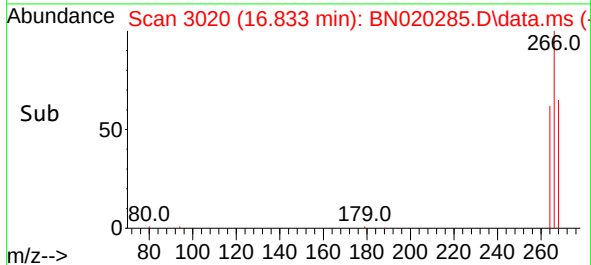
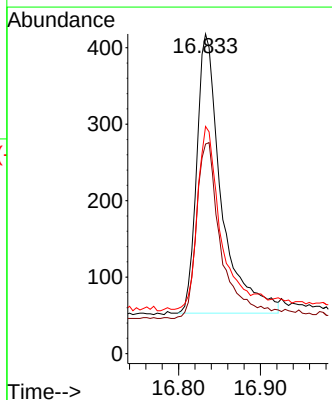
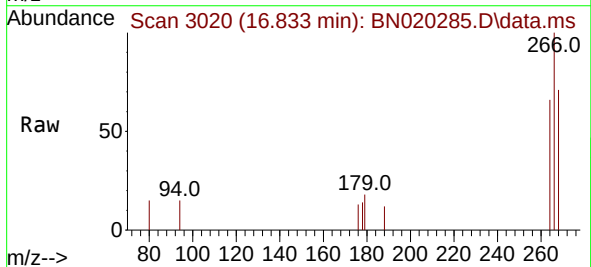
Instrument :
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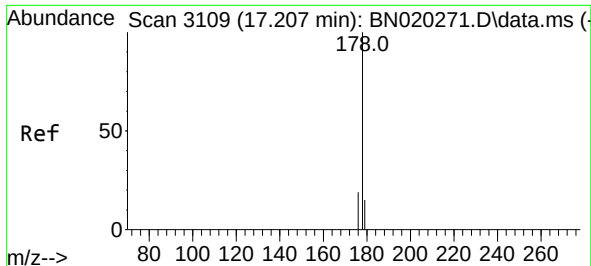
Tgt Ion:166 Resp: 3204
Ion Ratio Lower Upper
166 100
165 98.2 78.2 117.4
167 16.1 12.1 18.1



#14
Pentachlorophenol
Concen: 0.656 ng/ul
RT: 16.833 min Scan# 3020
Delta R.T. -0.004 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:266 Resp: 760
Ion Ratio Lower Upper
266 100
264 64.2 49.8 74.8
268 64.6 51.8 77.6

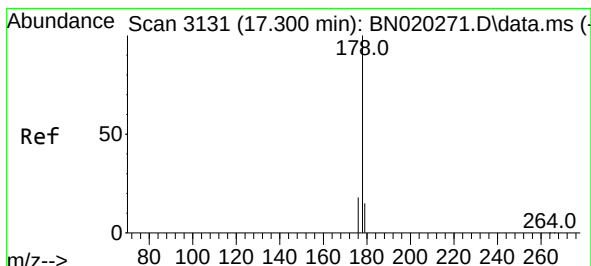
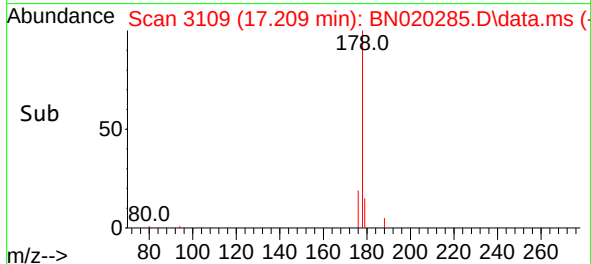
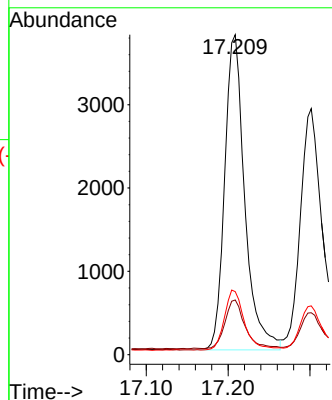
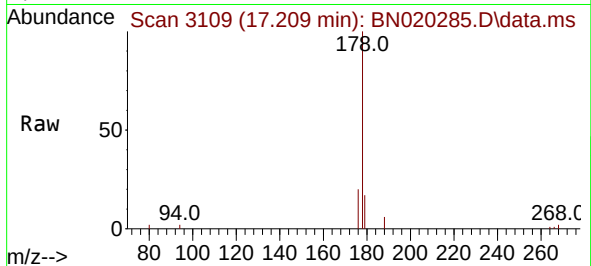




#15
Phenanthrene
Concen: 0.296 ng/ul
RT: 17.209 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

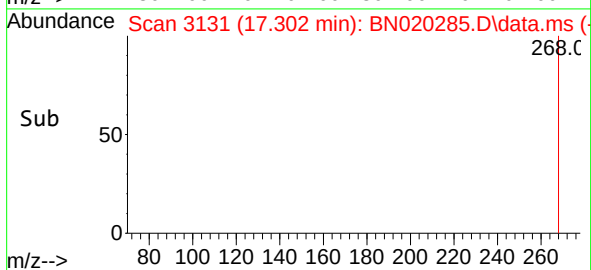
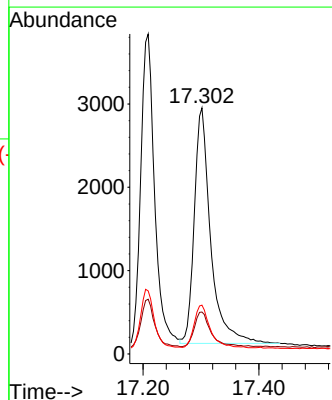
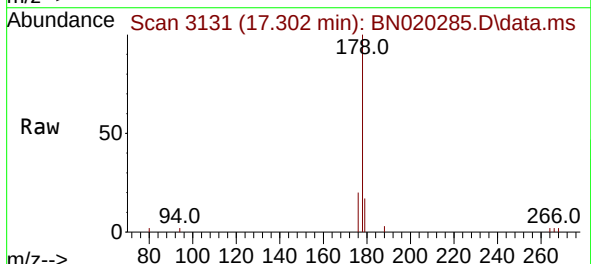
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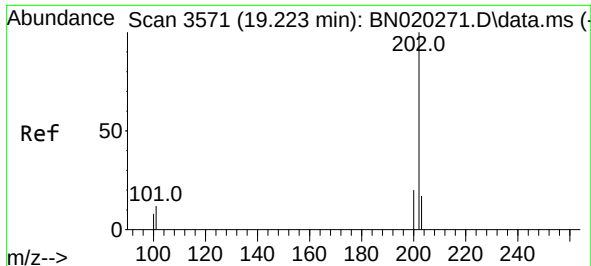
Tgt Ion:178 Resp: 6464
Ion Ratio Lower Upper
178 100
179 17.1 13.4 20.0
176 19.7 15.8 23.6



#16
Anthracene
Concen: 0.301 ng/ul
RT: 17.302 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:178 Resp: 5557
Ion Ratio Lower Upper
178 100
179 17.1 13.8 20.8
176 19.8 15.6 23.4

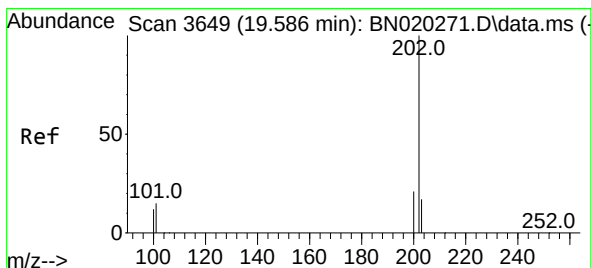
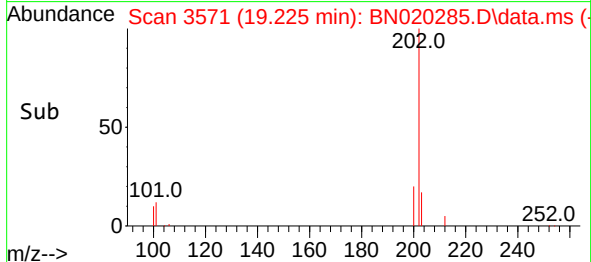
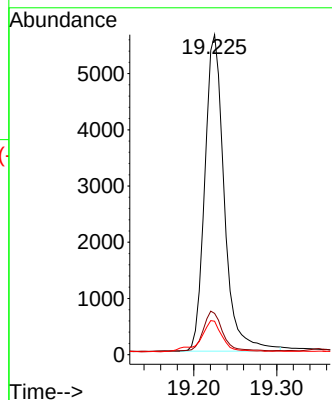
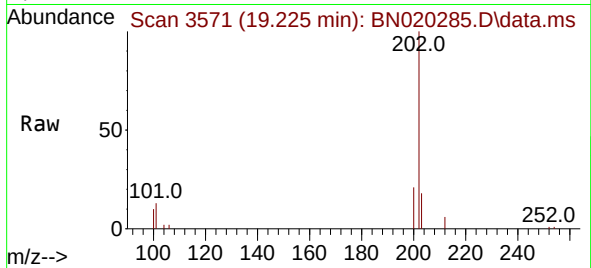




#19
Fluoranthene
Concen: 0.260 ng/u1
RT: 19.225 min Scan# 3571
Delta R.T. 0.000 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

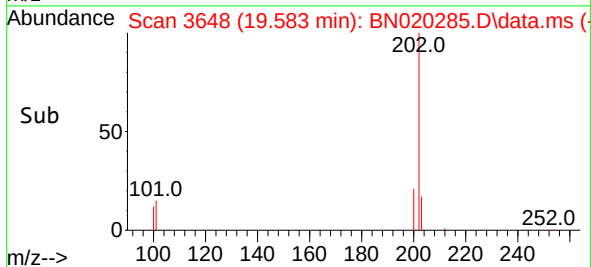
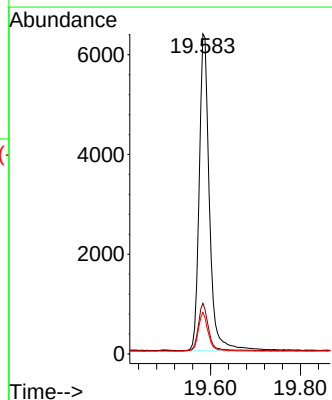
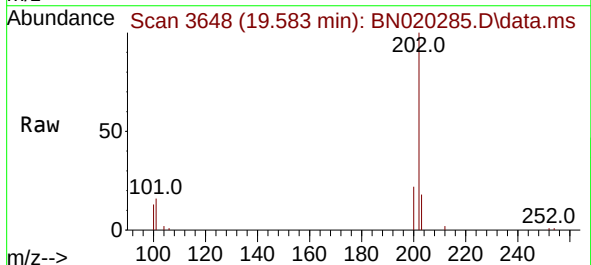
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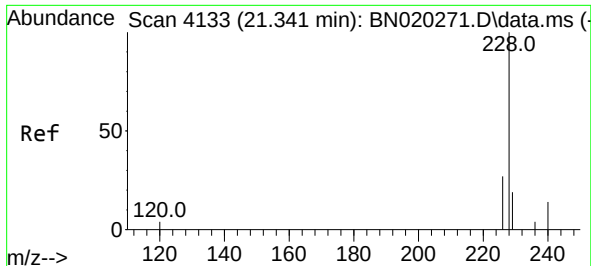
Tgt Ion:	202	Resp:	9195
Ion Ratio	Lower	Upper	
202	100		
101	12.9	9.9	14.9
100	10.5	7.6	11.4



#20
Pyrene
Concen: 0.263 ng/u1
RT: 19.583 min Scan# 3648
Delta R.T. 0.000 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:	202	Resp:	10078
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.6	19.0
100	13.0	10.3	15.5

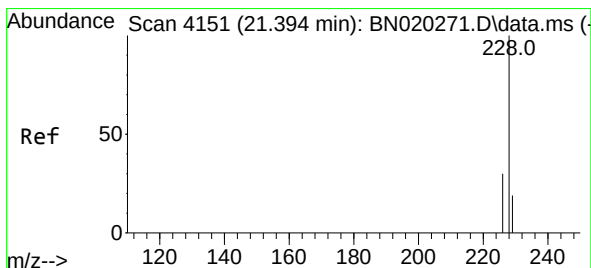
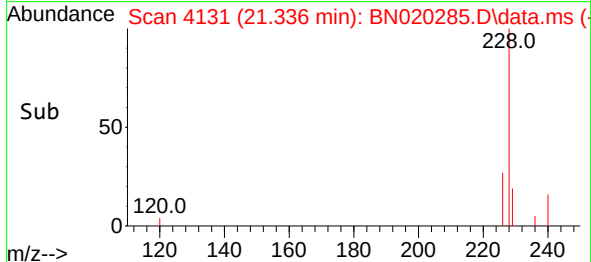
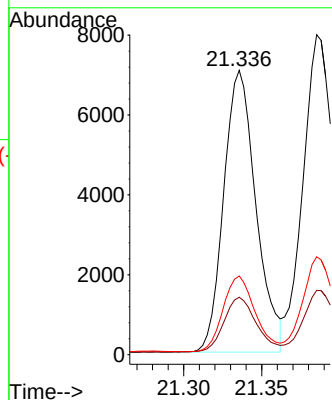
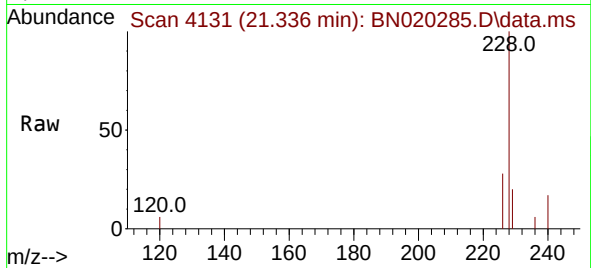




#21
Benzo(a)anthracene
Concen: 0.298 ng/ul
RT: 21.336 min Scan# 4113
Delta R.T. -0.003 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

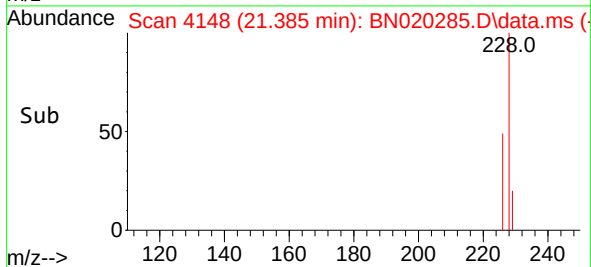
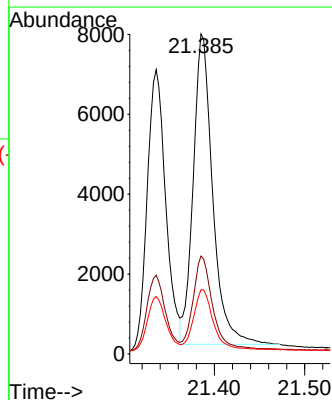
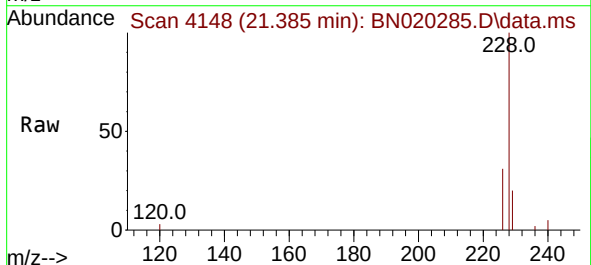
Instrument :
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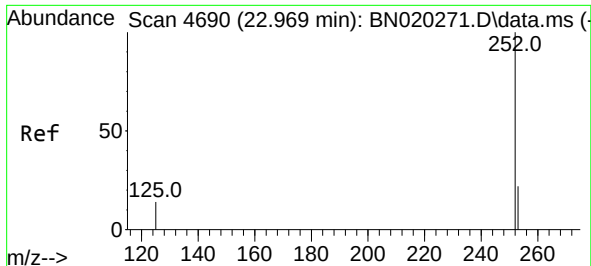
Tgt Ion:228 Resp: 10157
Ion Ratio Lower Upper
228 100
229 20.2 16.0 24.0
226 27.7 21.8 32.6



#22
Chrysene
Concen: 0.274 ng/ul
RT: 21.385 min Scan# 4148
Delta R.T. -0.003 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:228 Resp: 11629
Ion Ratio Lower Upper
228 100
226 30.6 24.7 37.1
229 20.1 16.0 24.0

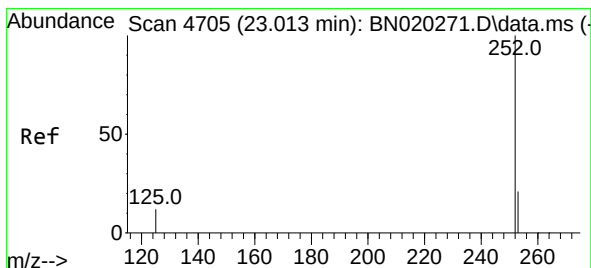
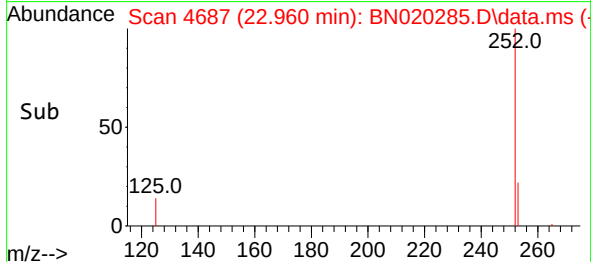
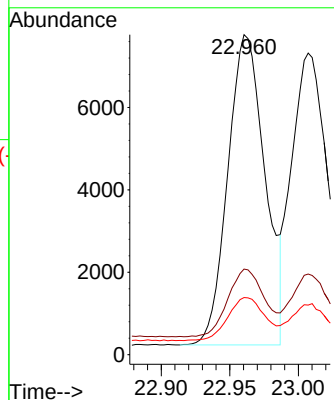
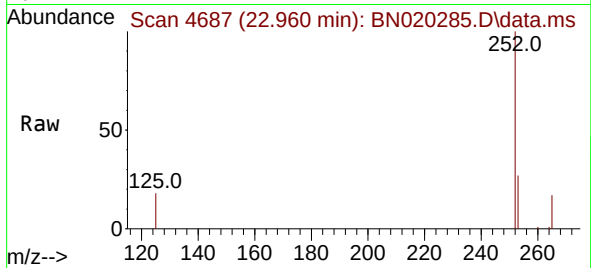




#24
Benzo(b)fluoranthene
Concen: 0.195 ng/ul
RT: 22.960 min Scan# 4687
Delta R.T. -0.006 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

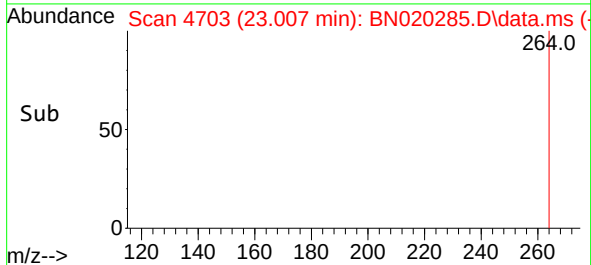
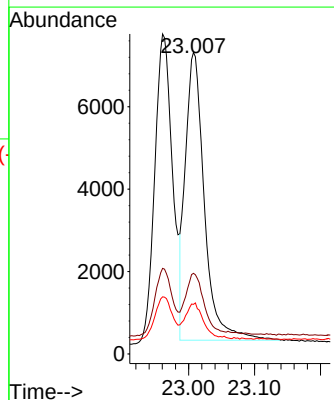
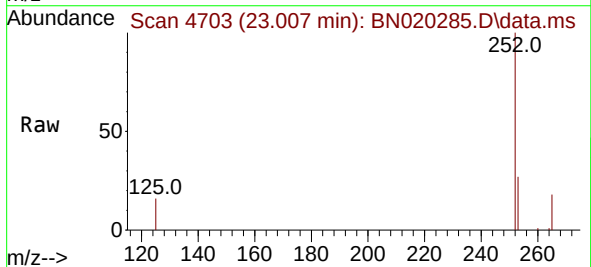
Instrument :
BNA_N
ClientSampleId :
SLCS543

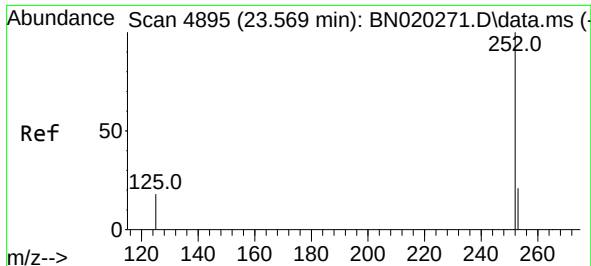
Tgt Ion:252 Resp: 14220
Ion Ratio Lower Upper
252 100
253 26.7 0.0 49.4
125 17.9 0.0 33.2



#25
Benzo(k)fluoranthene
Concen: 0.206 ng/ul
RT: 23.007 min Scan# 4703
Delta R.T. -0.003 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:252 Resp: 13997
Ion Ratio Lower Upper
252 100
253 26.7 20.2 30.4
125 16.4 12.3 18.5

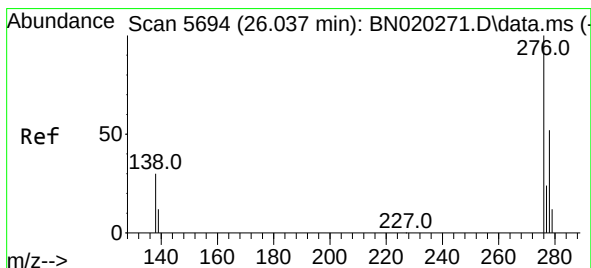
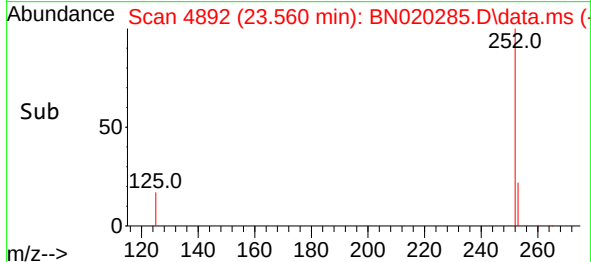
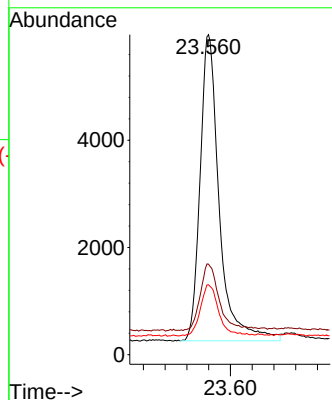
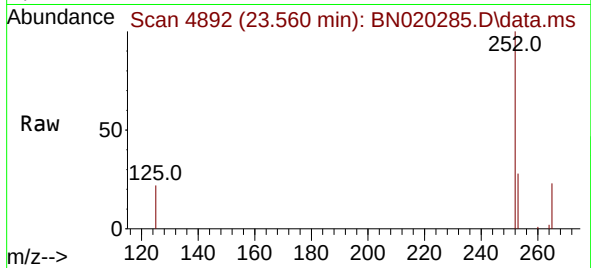




#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 23.560 min Scan# 4892
Delta R.T. -0.003 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

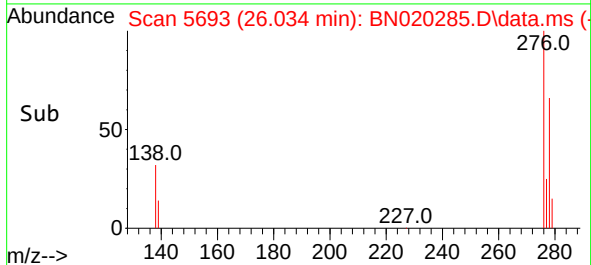
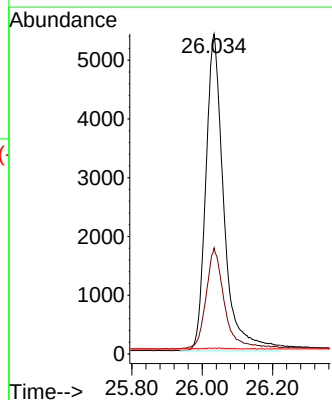
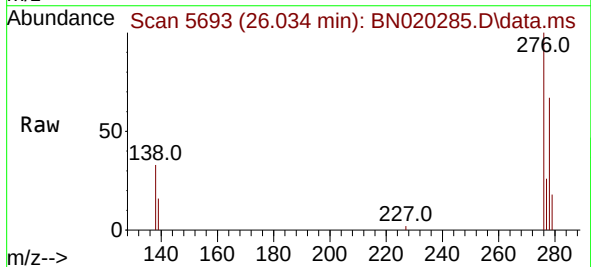
Instrument :
BNA_N
ClientSampleId :
SLCS543

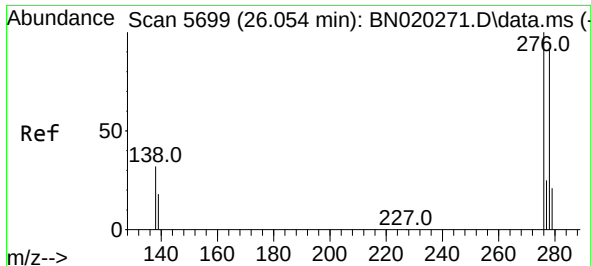
Tgt Ion:252 Resp: 13926
Ion Ratio Lower Upper
252 100
253 28.3 21.7 32.5
125 21.9 18.6 28.0



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.255 ng/ul
RT: 26.034 min Scan# 5693
Delta R.T. -0.007 min
Lab File: BN020285.D
Acq: 20 Jun 2022 19:05

Tgt Ion:276 Resp: 19202
Ion Ratio Lower Upper
276 100
138 32.9 26.5 39.7
227 0.0 0.0 0.0#

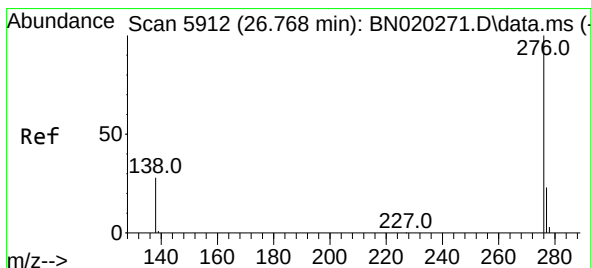
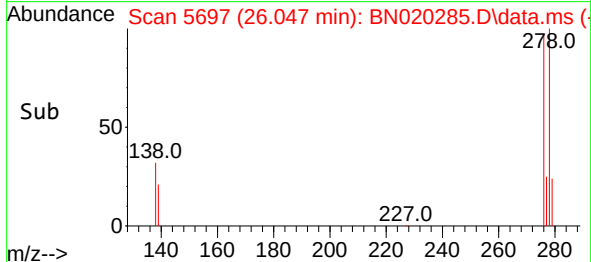
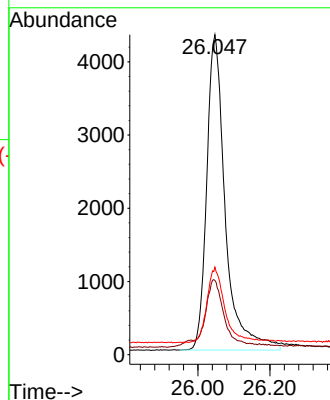
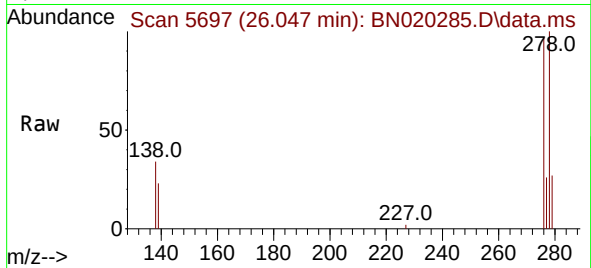




#28
 Dibenzo(a,h)anthracene
 Concen: 0.257 ng/ul
 RT: 26.047 min Scan# 51
 Delta R.T. -0.003 min
 Lab File: BN020285.D
 Acq: 20 Jun 2022 19:05

Instrument :
 BNA_N
 ClientSampleId :
 SLCS543

Tgt Ion:278 Resp: 15410
 Ion Ratio Lower Upper
 278 100
 139 23.2 18.2 27.2
 279 27.4 20.8 31.2



#29
 Benzo(g,h,i)perylene
 Concen: 0.260 ng/ul
 RT: 26.755 min Scan# 5908
 Delta R.T. -0.010 min
 Lab File: BN020285.D
 Acq: 20 Jun 2022 19:05

Tgt Ion:276 Resp: 17291
 Ion Ratio Lower Upper
 276 100
 138 29.9 23.0 34.4
 277 24.5 19.7 29.5

